

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079475.D
 Acq On : 09 Oct 2023 16:24
 Operator : JC\MD
 Sample : VN1009WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2023
 Supervised By : Mahesh Dadoda 10/10/2023

Quant Time: Oct 09 23:16:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	237165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	385188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	152717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	198070	51.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.171	113	152321	50.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.340%			
50) Toluene-d8	10.571	98	577028	52.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.853	95	176183	49.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	64590	19.006	ug/l	100
3) Chloromethane	2.365	50	76283	17.989	ug/l	100
4) Vinyl Chloride	2.518	62	82589	18.725	ug/l	95
5) Bromomethane	2.948	94	43160	16.346	ug/l	99
6) Chloroethane	3.118	64	55590	16.717	ug/l	95
7) Trichlorofluoromethane	3.495	101	96353	18.502	ug/l	94
8) Diethyl Ether	3.971	74	32533	17.523	ug/l	58
9) 1,1,2-Trichlorotrifluo...	4.383	101	52827	17.358	ug/l	97
10) Methyl Iodide	4.594	142	56136	21.257	ug/l	94
11) Tert butyl alcohol	5.541	59	43892	75.837	ug/l	99
12) 1,1-Dichloroethene	4.342	96	48991	17.484	ug/l #	79
13) Acrolein	4.183	56	68983	119.701	ug/l	98
14) Allyl chloride	5.030	41	77981	17.245	ug/l #	91
15) Acrylonitrile	5.724	53	152741	91.028	ug/l	98
16) Acetone	4.436	43	131546	86.247	ug/l	93
17) Carbon Disulfide	4.712	76	150848	17.258	ug/l	99
18) Methyl Acetate	5.030	43	133308	17.857	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	164925	18.114	ug/l	97
20) Methylene Chloride	5.283	84	63093	18.511	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	56292	17.200	ug/l #	77
22) Diisopropyl ether	6.677	45	193288	19.062	ug/l #	90
23) Vinyl Acetate	6.612	43	496224	87.001	ug/l #	87
24) 1,1-Dichloroethane	6.577	63	111158	17.912	ug/l	97
25) 2-Butanone	7.488	43	197041	87.041	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	82119	17.315	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	64265	18.075	ug/l	87
28) Bromochloromethane	7.812	49	60200	20.388	ug/l #	74
29) Tetrahydrofuran	7.841	42	135309	92.419	ug/l #	74
30) Chloroform	7.965	83	113469	18.097	ug/l	91
31) Cyclohexane	8.265	56	96512	17.694	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	97733	18.522	ug/l	96
36) 1,1-Dichloropropene	8.377	75	83319	18.285	ug/l	95
37) Ethyl Acetate	7.565	43	86664	19.113	ug/l #	90
38) Carbon Tetrachloride	8.371	117	84897	18.610	ug/l	92
39) Methylcyclohexane	9.606	83	77369	17.672	ug/l #	83
40) Benzene	8.612	78	253854	18.758	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	44854	18.817	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	90944	18.494	ug/l	98
43) Isopropyl Acetate	8.694	43	153756	19.356	ug/l #	85
44) Trichloroethene	9.359	130	57482	18.047	ug/l	96
45) 1,2-Dichloropropane	9.624	63	64971	18.222	ug/l	93
46) Dibromomethane	9.712	93	44355	19.207	ug/l	97
47) Bromodichloromethane	9.888	83	90636	19.080	ug/l	99
48) Methyl methacrylate	9.688	41	61655	18.112	ug/l #	80
49) 1,4-Dioxane	9.700	88	22196	354.000	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	416658	92.917	ug/l	89
52) Toluene	10.635	92	154077	19.342	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	85888	17.942	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	98334	18.764	ug/l #	88
55) 1,1,2-Trichloroethane	11.018	97	61226	19.145	ug/l	97
56) Ethyl methacrylate	10.876	69	82643	18.806	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	106914	19.361	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	159860	94.987	ug/l	89
59) 2-Hexanone	11.200	43	296039	91.487	ug/l	86
60) Dibromochloromethane	11.365	129	61894	19.257	ug/l	99
61) 1,2-Dibromoethane	11.471	107	58346	18.384	ug/l	98
64) Tetrachloroethene	11.106	164	45556	17.192	ug/l	95
65) Chlorobenzene	11.894	112	154372	17.996	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	57078	18.173	ug/l	98
67) Ethyl Benzene	11.970	91	271426	18.204	ug/l	96
68) m/p-Xylenes	12.076	106	202203	37.325	ug/l	93
69) o-Xylene	12.400	106	94554	17.747	ug/l	92
70) Styrene	12.418	104	156865	18.640	ug/l	98
71) Bromoform	12.582	173	40303	17.533	ug/l #	99
73) Isopropylbenzene	12.700	105	245519	17.281	ug/l	100
74) N-amyl acetate	12.500	43	94946	16.301	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	88690	18.576	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	79611m	18.080	ug/l	
77) Bromobenzene	12.982	156	57295	16.447	ug/l	93
78) n-propylbenzene	13.041	91	284702	17.711	ug/l	97
79) 2-Chlorotoluene	13.129	91	174375	16.952	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	200572	17.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	25079	16.526	ug/l	86
82) 4-Chlorotoluene	13.223	91	171055	17.476	ug/l	96
83) tert-Butylbenzene	13.441	119	160413	17.476	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	197043	18.429	ug/l	100
85) sec-Butylbenzene	13.623	105	233936	18.272	ug/l	99
86) p-Isopropyltoluene	13.735	119	180174	18.344	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	97214	17.594	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	93997	16.475	ug/l	98
89) n-Butylbenzene	14.059	91	135397	17.263	ug/l	97
90) Hexachloroethane	14.335	117	39944	19.392	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	93982	17.438	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	13729	16.711	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	23615	14.147	ug/l	99
94) Hexachlorobutadiene	15.506	225	22217	17.089	ug/l	96
95) Naphthalene	15.647	128	57409	11.263	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	27515	13.813	ug/l	98

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ClientSampleId :
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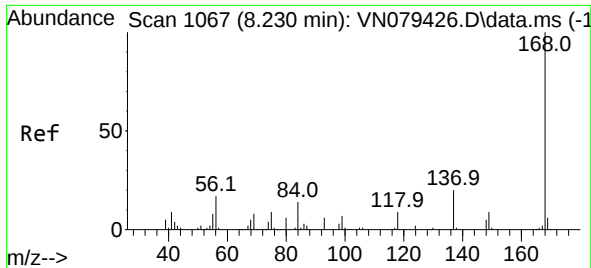
Manual Integrations
APPROVED

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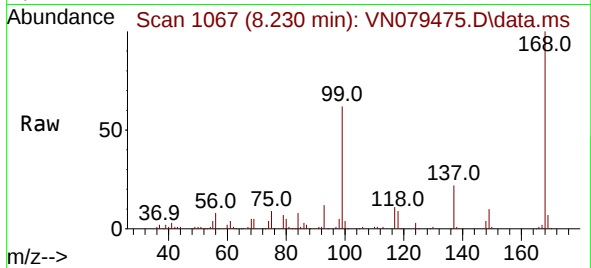
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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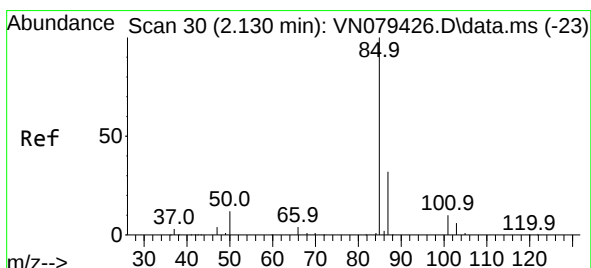
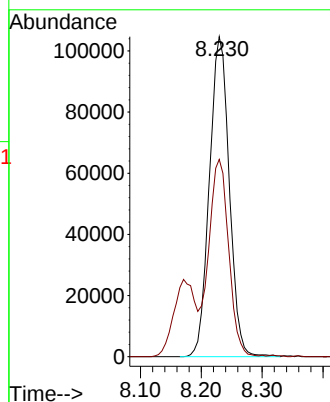
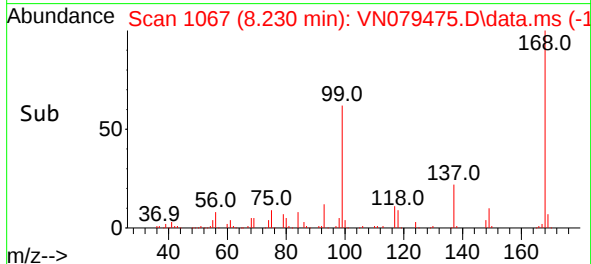
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 23716
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6

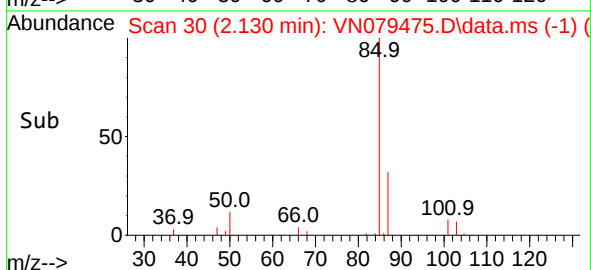
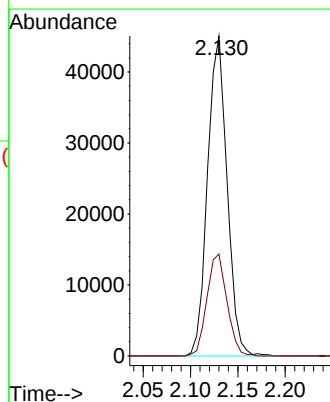
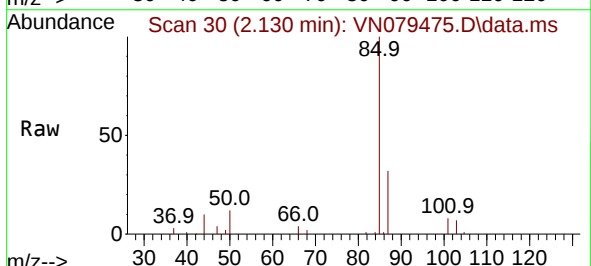
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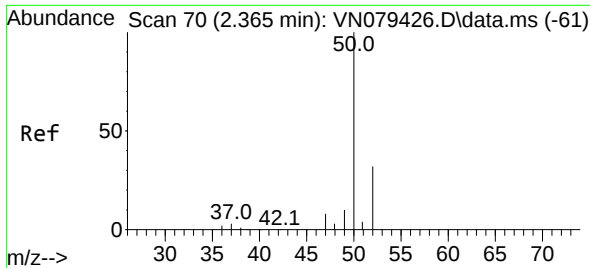
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#2
Dichlorodifluoromethane
Concen: 19.006 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

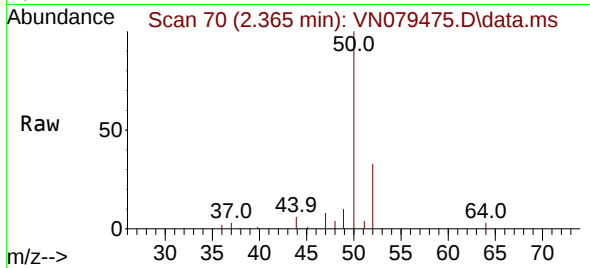
Tgt Ion: 85 Resp: 64590
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 17.989 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

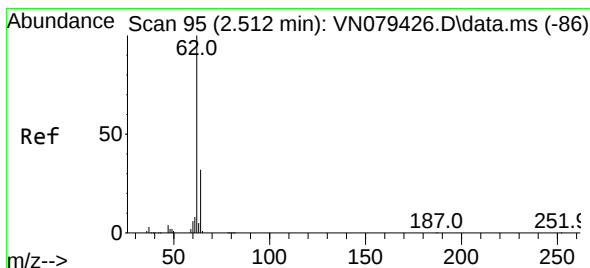
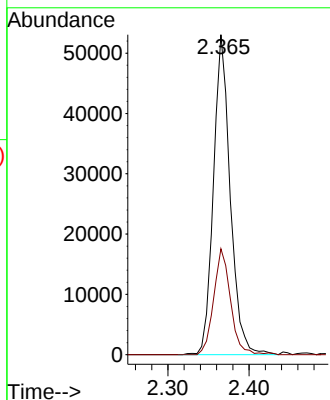
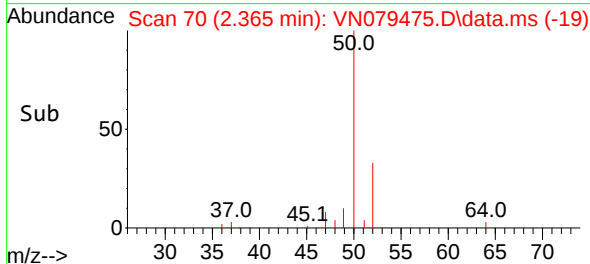
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Tgt Ion: 50 Resp: 7628
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7

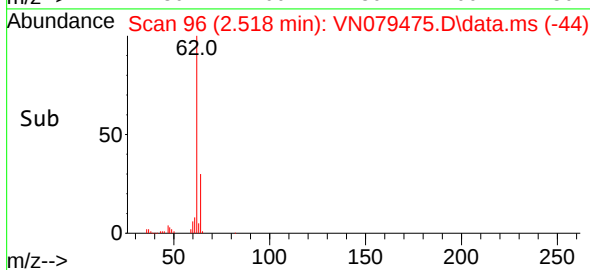
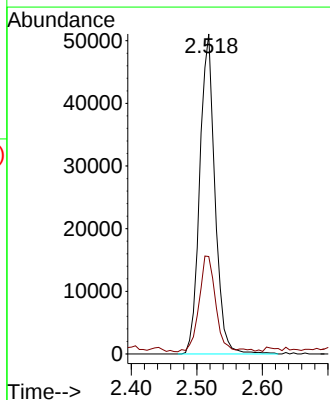
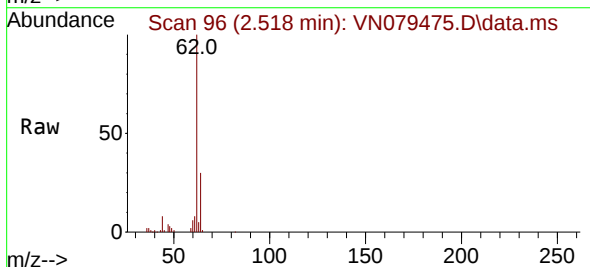
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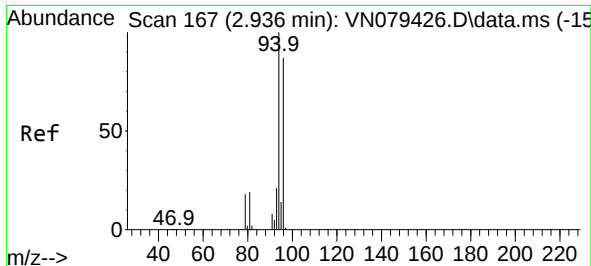
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#4
Vinyl Chloride
Concen: 18.725 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

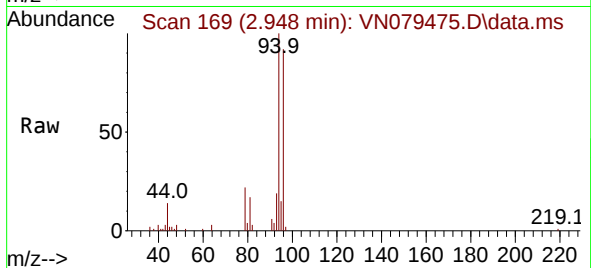
Tgt Ion: 62 Resp: 82589
Ion Ratio Lower Upper
62 100
64 29.7 26.2 39.2





#5
Bromomethane
Concen: 16.346 ug/l
RT: 2.948 min Scan# 10
Delta R.T. 0.012 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

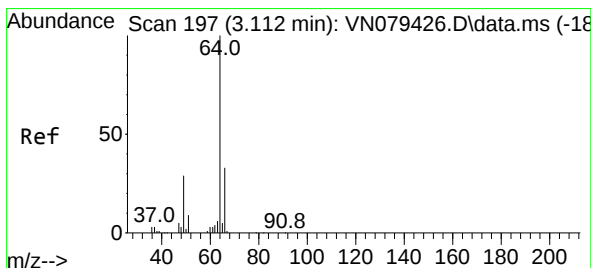
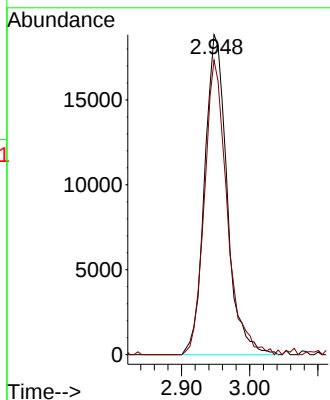
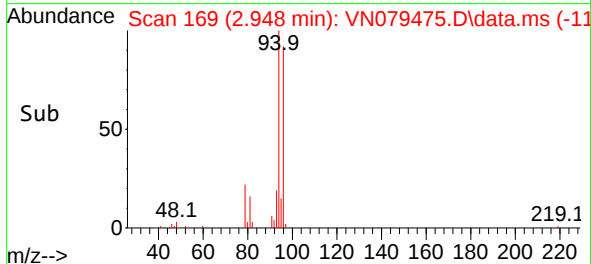
Instrument :
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Tgt Ion: 94 Resp: 43160
Ion Ratio Lower Upper
94 100
96 92.0 73.1 109.7

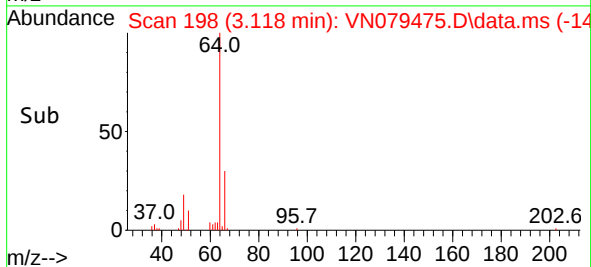
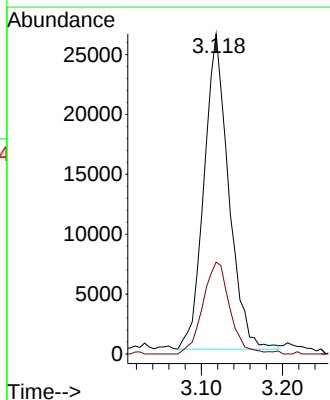
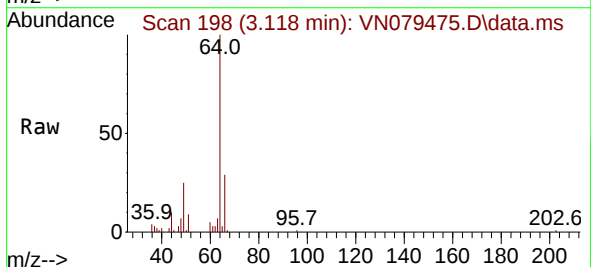
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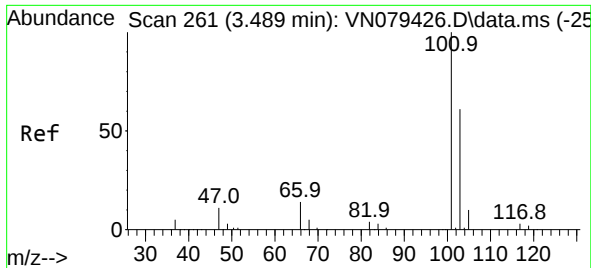
Reviewed By :John Carlone 10/10/2023
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#6
Chloroethane
Concen: 16.717 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079475.D
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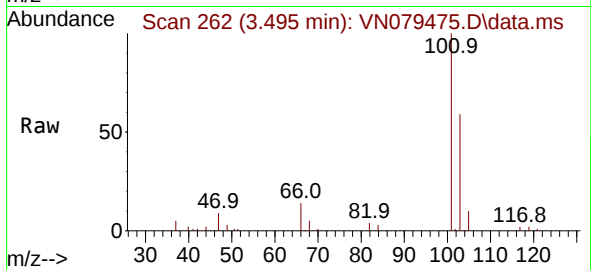
Tgt Ion: 64 Resp: 55590
Ion Ratio Lower Upper
64 100
66 29.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.502 ug/l
RT: 3.495 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

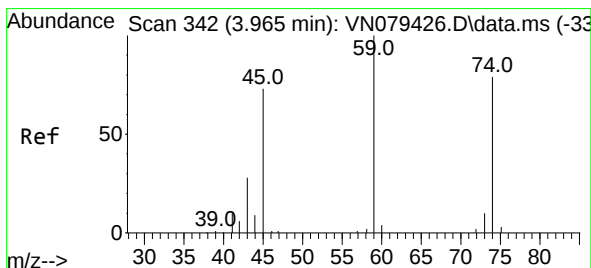
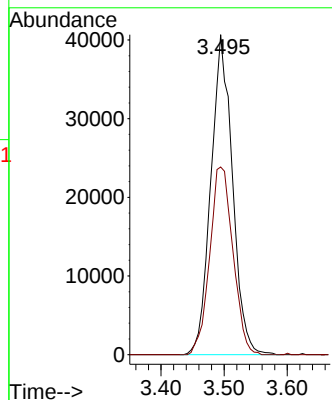
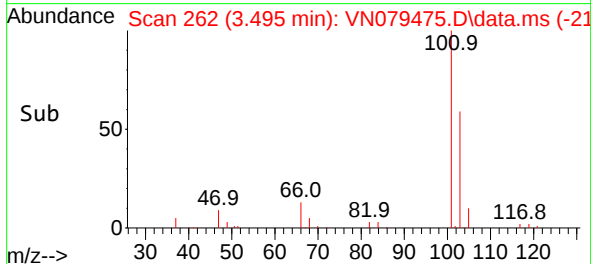
Instrument :
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Tgt Ion:101 Resp: 9635
Ion Ratio Lower Upper
101 100
103 58.6 50.7 76.1

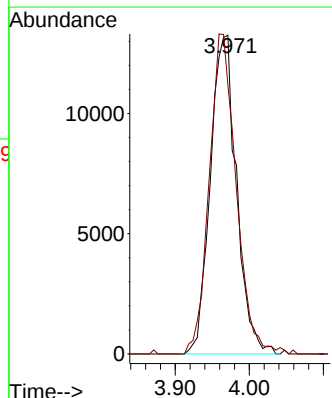
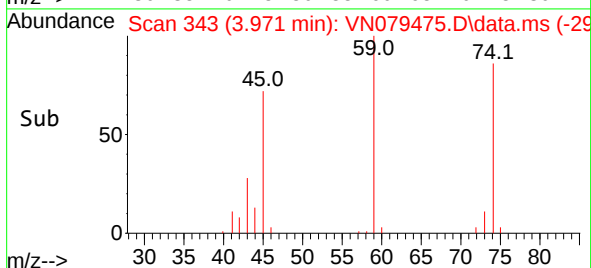
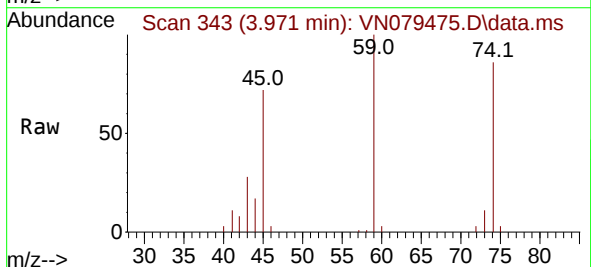
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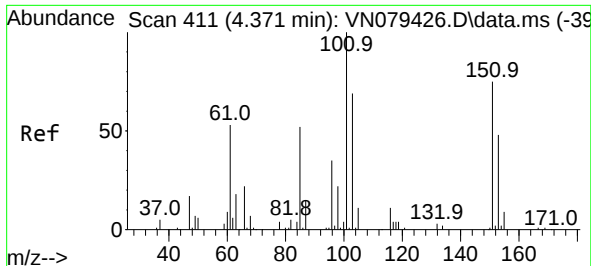
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#8
Diethyl Ether
Concen: 17.523 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.006 min
Lab File: VN079475.D
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Tgt Ion: 74 Resp: 32533
Ion Ratio Lower Upper
74 100
45 103.3 34.4 103.3





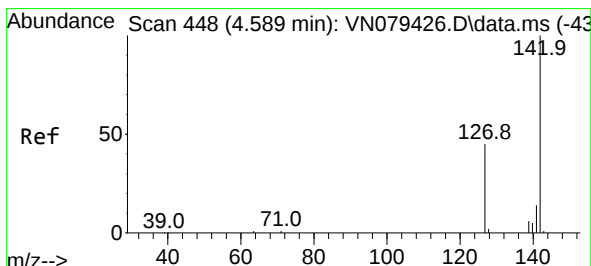
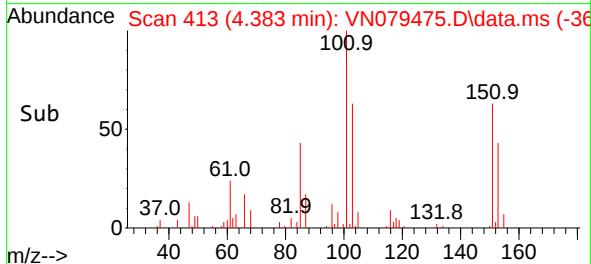
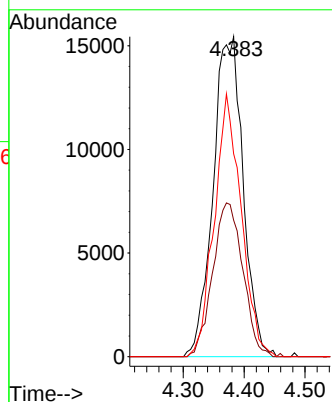
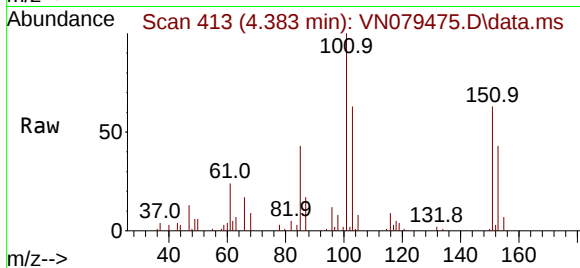
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.358 ug/l
RT: 4.383 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion:101 Resp: 5282
Ion Ratio Lower Upper
101 100
85 48.3 36.6 55.0
151 73.4 57.6 86.4

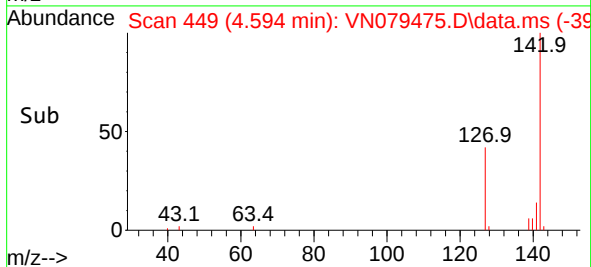
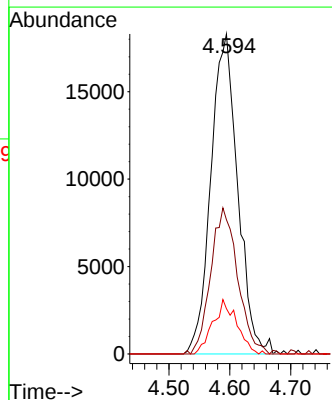
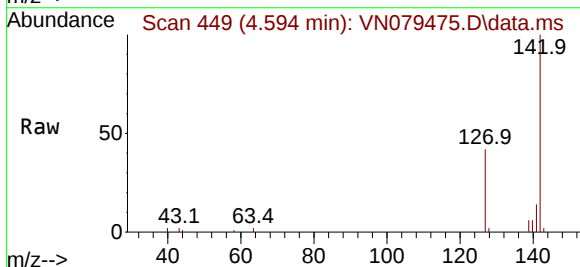
Manual Integrations
APPROVED

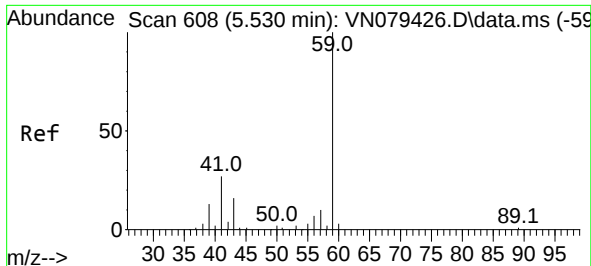
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#10
Methyl Iodide
Concen: 21.257 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.005 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion:142 Resp: 56136
Ion Ratio Lower Upper
142 100
127 42.0 37.6 56.4
141 14.1 11.4 17.0





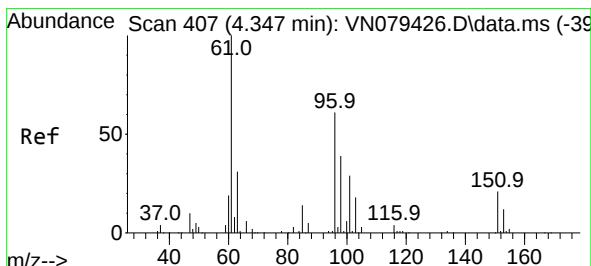
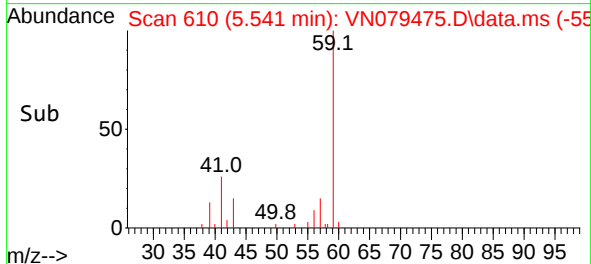
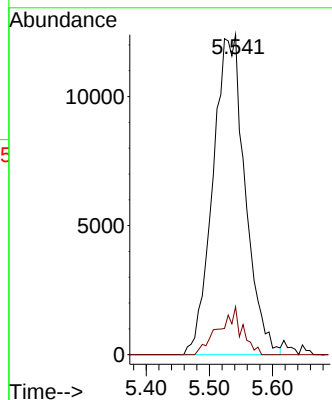
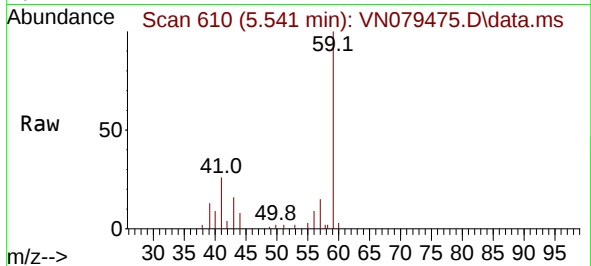
#11
Tert butyl alcohol
Concen: 75.837 ug/l
RT: 5.541 min Scan# 61
Delta R.T. 0.011 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion: 59 Resp: 43892
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

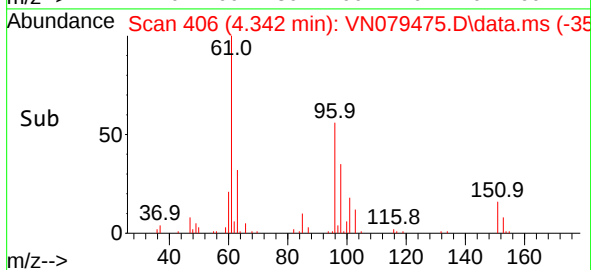
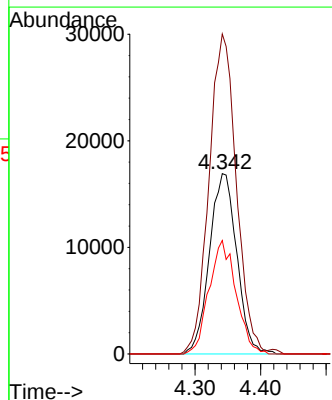
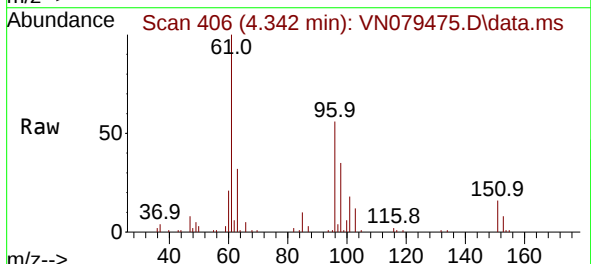
Manual Integrations
APPROVED

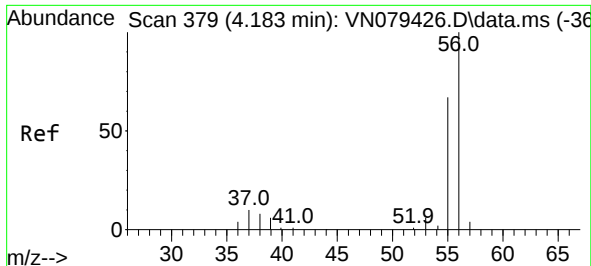
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#12
1,1-Dichloroethene
Concen: 17.484 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

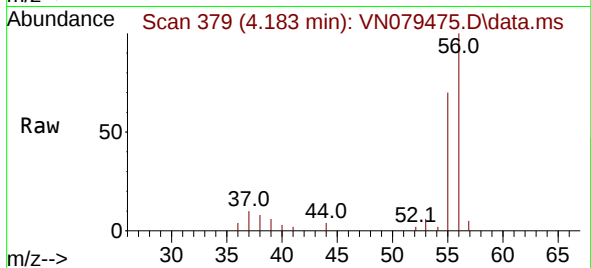
Tgt Ion: 96 Resp: 48991
Ion Ratio Lower Upper
96 100
61 177.4 112.7 169.1#
98 62.9 51.2 76.8





#13
Acrolein
Concen: 119.701 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

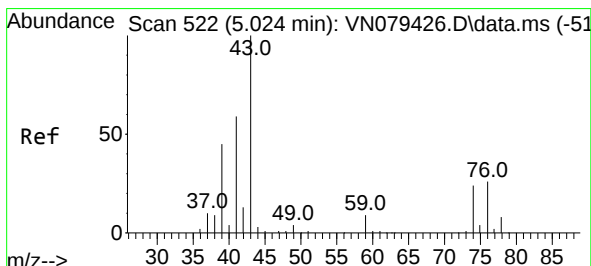
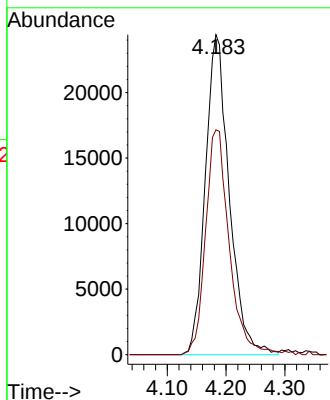
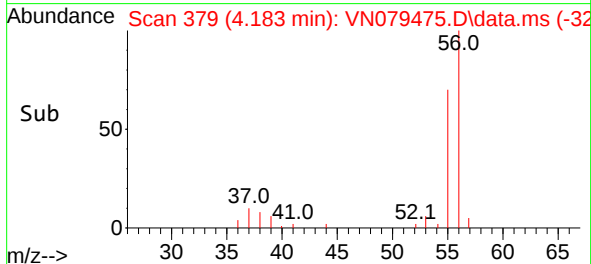
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



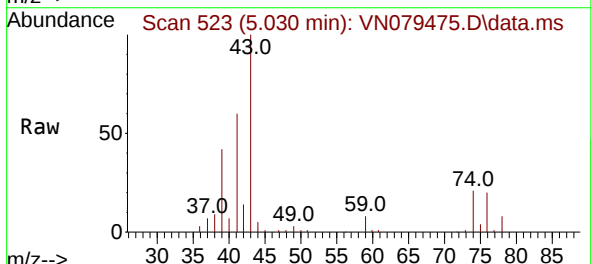
Tgt Ion: 56 Resp: 6898
Ion Ratio Lower Upper
56 100
55 69.4 54.5 81.7

Manual Integrations
APPROVED

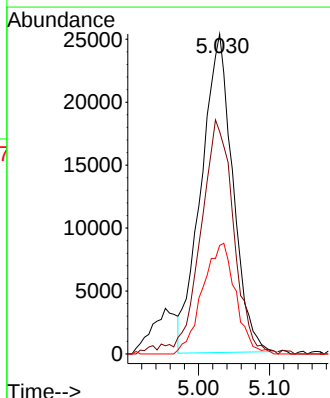
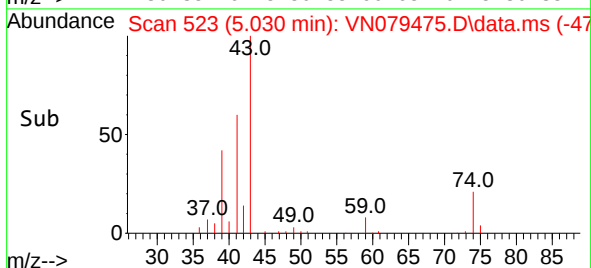
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

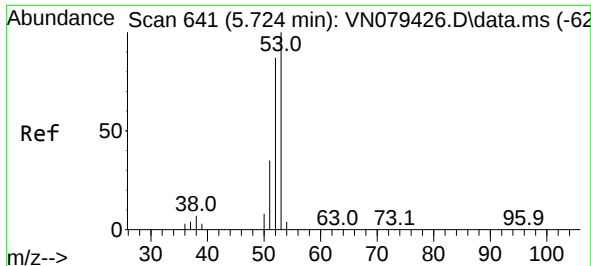


#14
Allyl chloride
Concen: 17.245 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



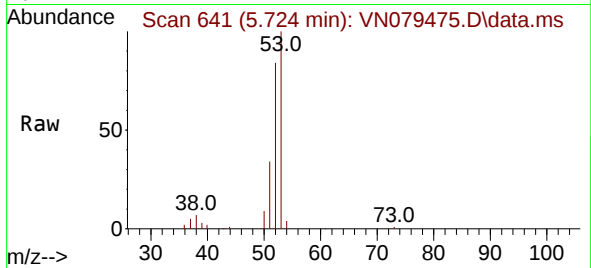
Tgt Ion: 41 Resp: 77981
Ion Ratio Lower Upper
41 100
39 76.6 58.8 88.2
76 36.5 39.1 58.7#





#15
Acrylonitrile
Concen: 91.028 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

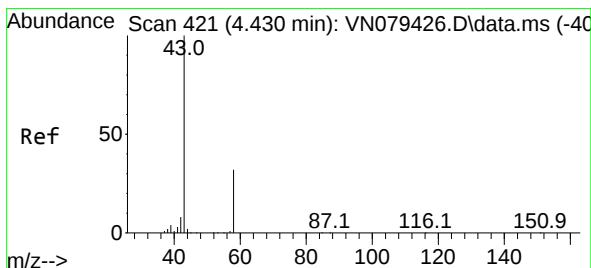
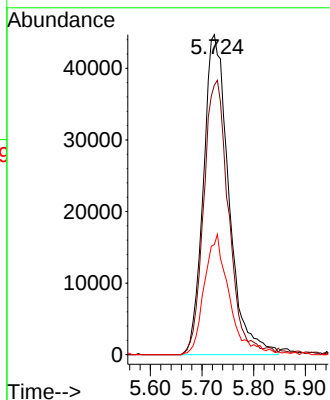
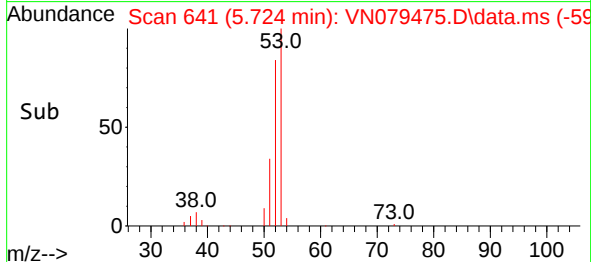
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



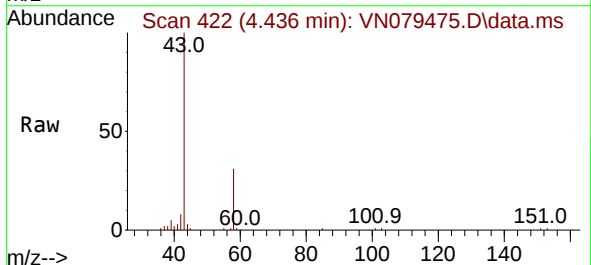
Tgt Ion: 53 Resp: 15274
Ion Ratio Lower Upper
53 100
52 83.5 65.3 97.9
51 37.1 28.9 43.3

Manual Integrations
APPROVED

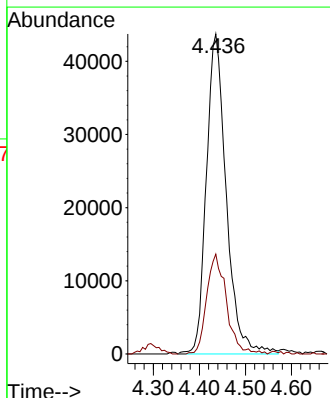
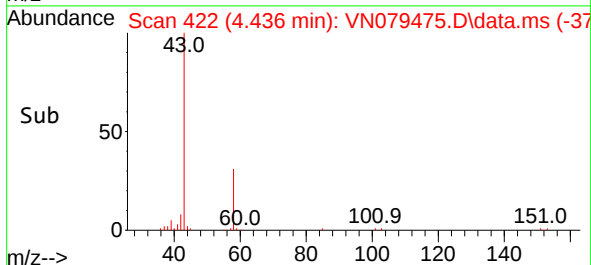
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

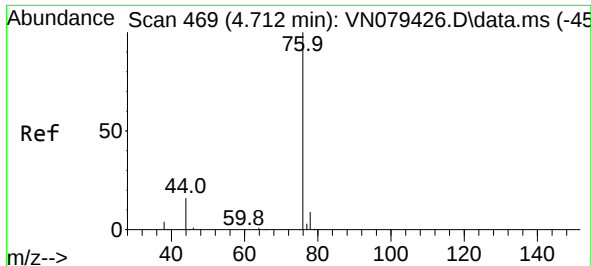


#16
Acetone
Concen: 86.247 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



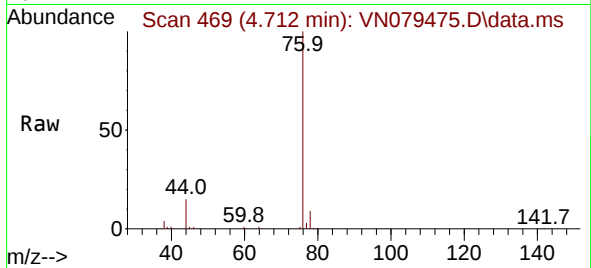
Tgt Ion: 43 Resp: 131546
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





#17
Carbon Disulfide
Concen: 17.258 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

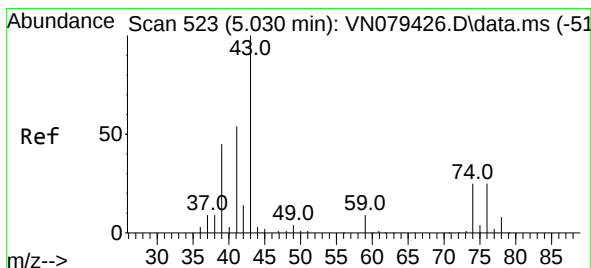
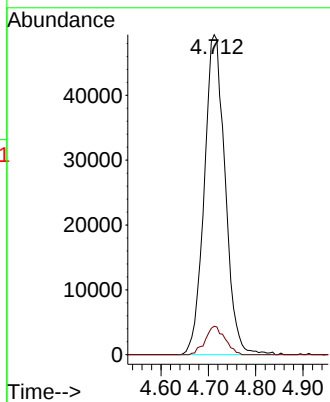
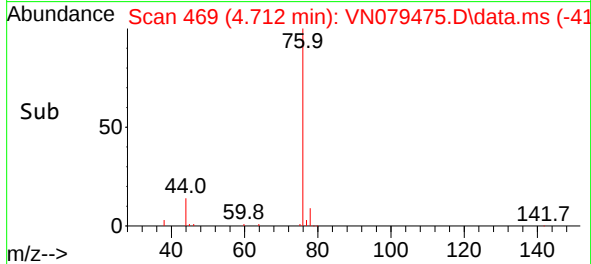
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 76 Resp: 150848
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

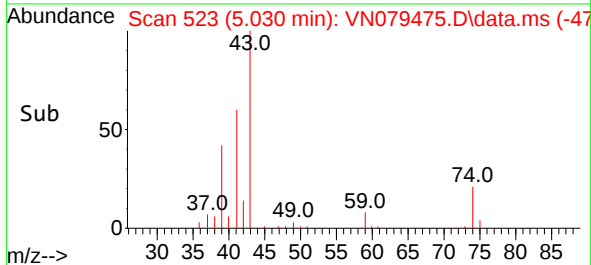
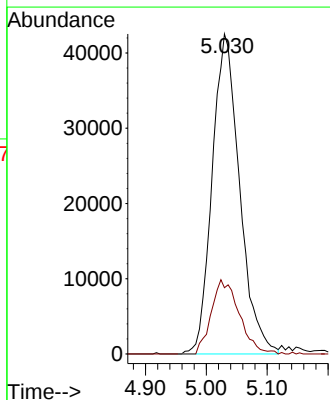
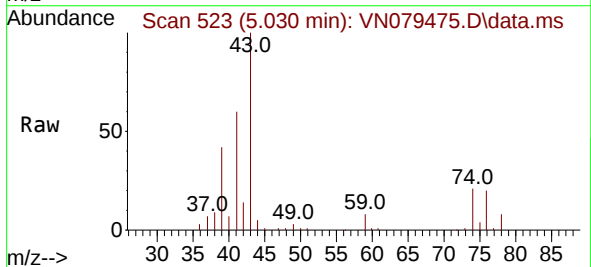
Manual Integrations
APPROVED

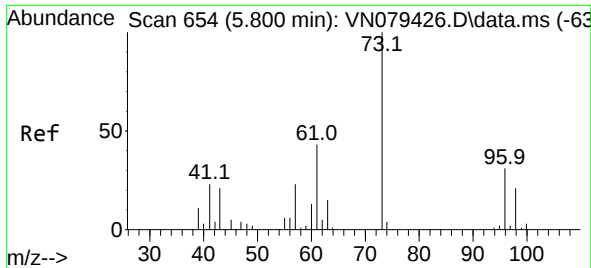
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#18
Methyl Acetate
Concen: 17.857 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion: 43 Resp: 133308
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





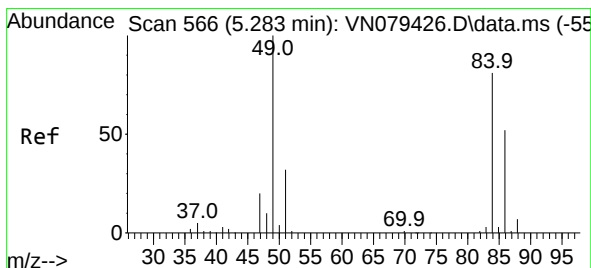
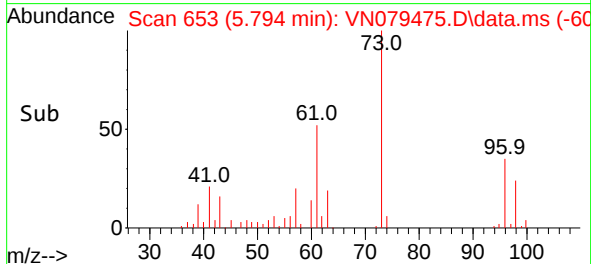
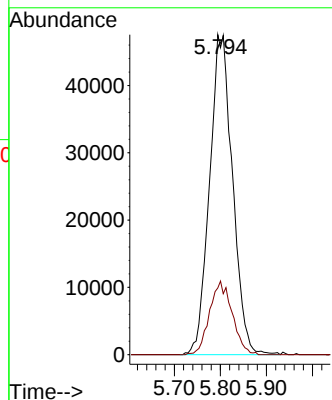
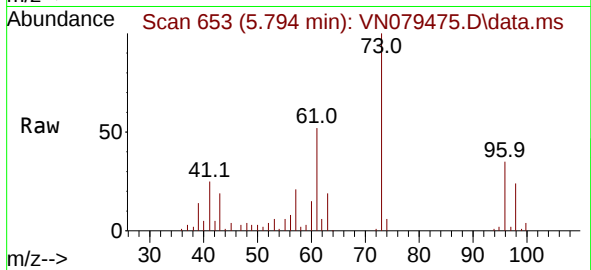
#19
Methyl tert-butyl Ether
Concen: 18.114 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion: 73 Resp: 16492
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

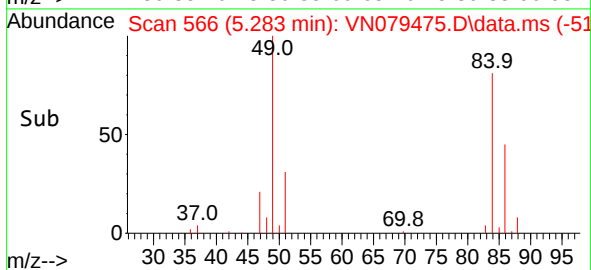
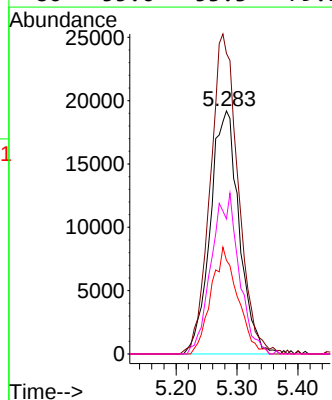
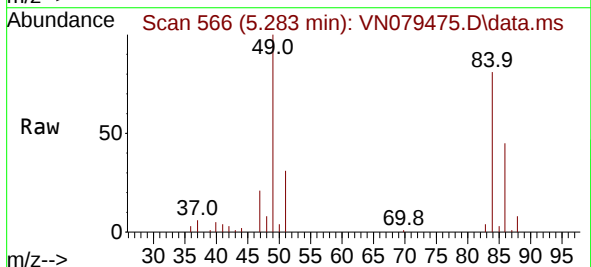
Manual Integrations
APPROVED

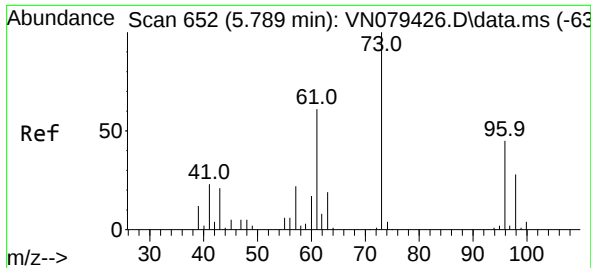
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#20
Methylene Chloride
Concen: 18.511 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

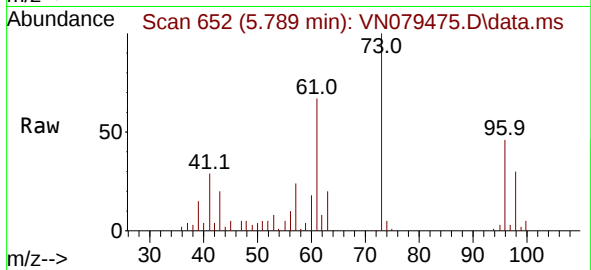
Tgt Ion: 84 Resp: 63093
Ion Ratio Lower Upper
84 100
49 123.6 79.7 119.5#
51 38.6 25.2 37.8#
86 55.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.200 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

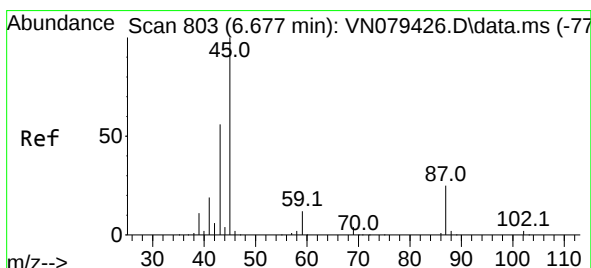
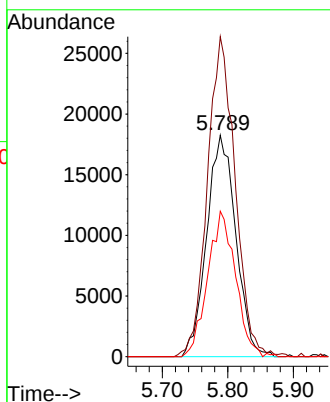
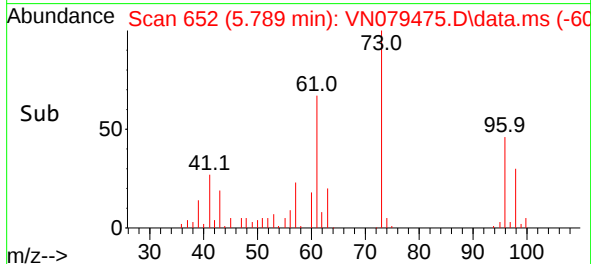
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 96 Resp: 56292
Ion Ratio Lower Upper
96 100
61 143.6 90.1 135.1
98 65.7 46.4 69.6

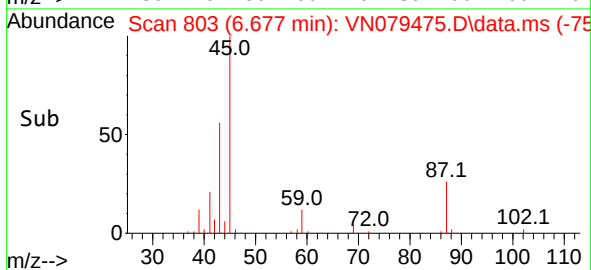
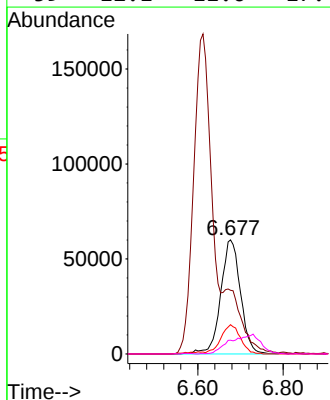
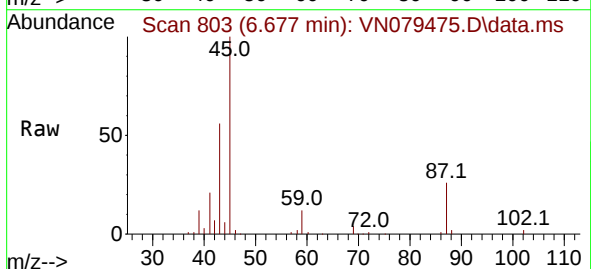
Manual Integrations
APPROVED

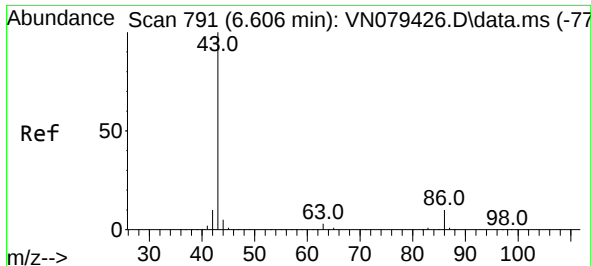
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#22
Diisopropyl ether
Concen: 19.062 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

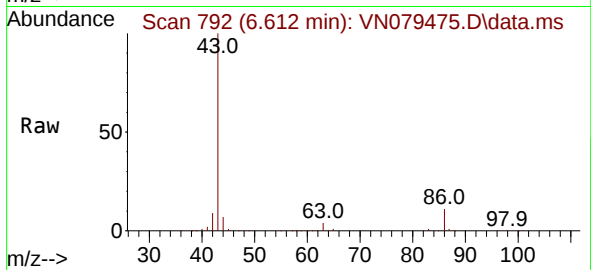
Tgt Ion: 45 Resp: 193288
Ion Ratio Lower Upper
45 100
43 55.0 45.5 68.3
87 25.7 31.8 47.8#
59 12.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 87.001 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24

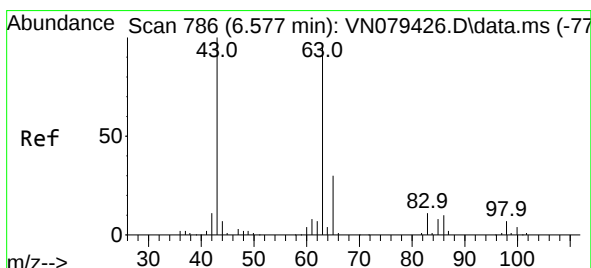
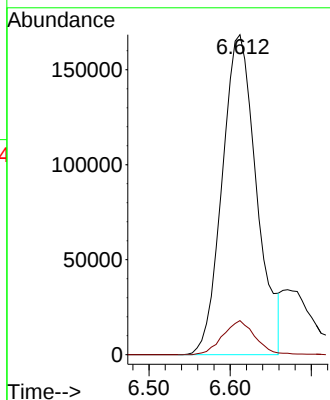
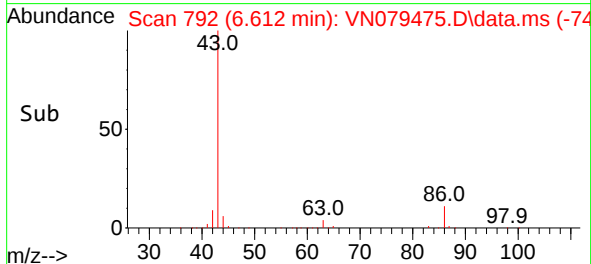
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02



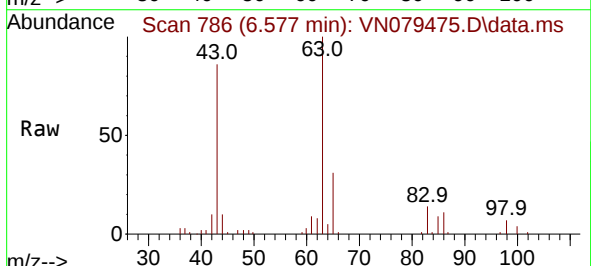
Tgt Ion: 43 Resp: 496224
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6

Manual Integrations
 APPROVED

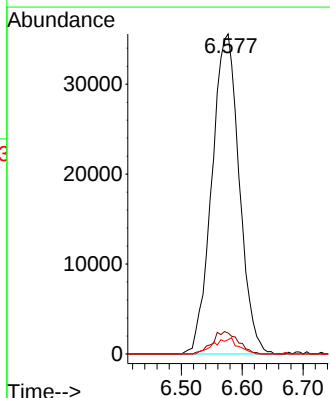
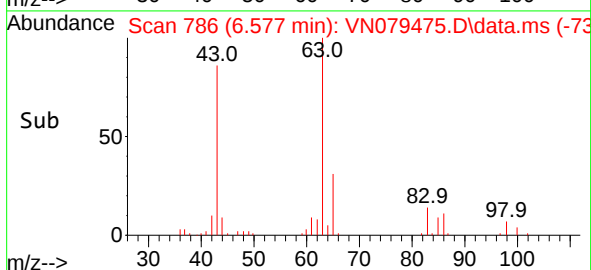
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

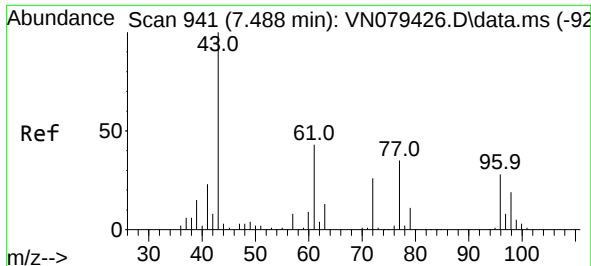


#24
 1,1-Dichloroethane
 Concen: 17.912 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24



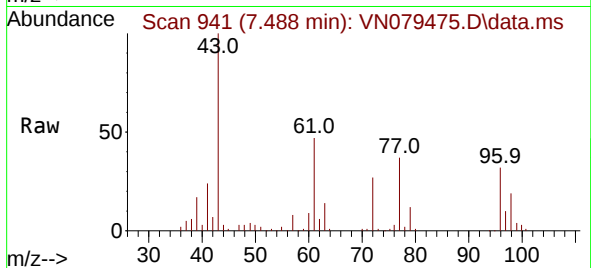
Tgt Ion: 63 Resp: 111158
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 87.041 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

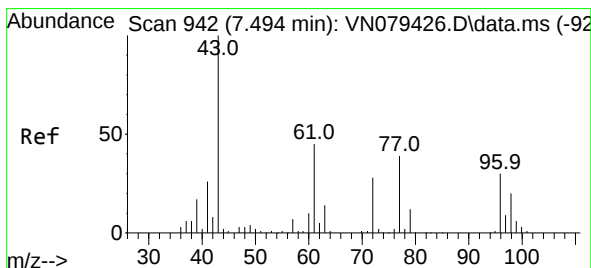
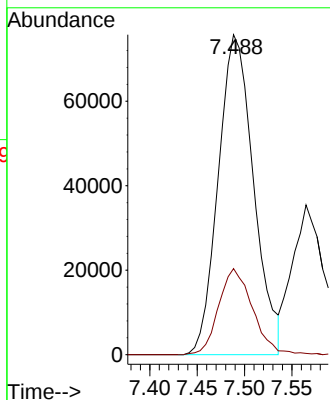
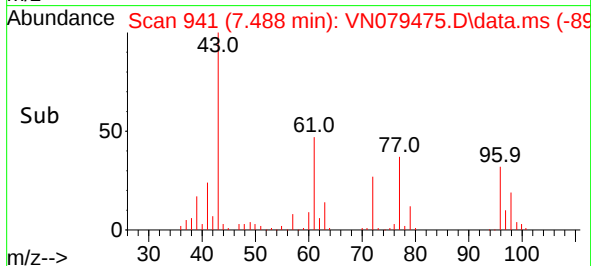
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 43 Resp: 19704
Ion Ratio Lower Upper
43 100
72 26.9 30.2 45.2

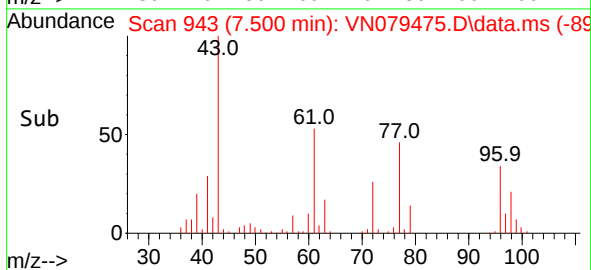
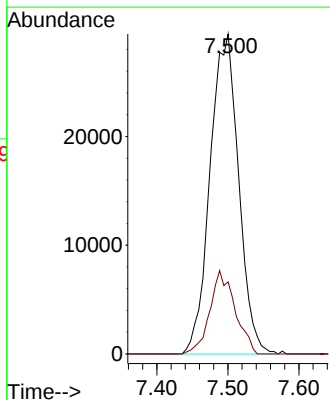
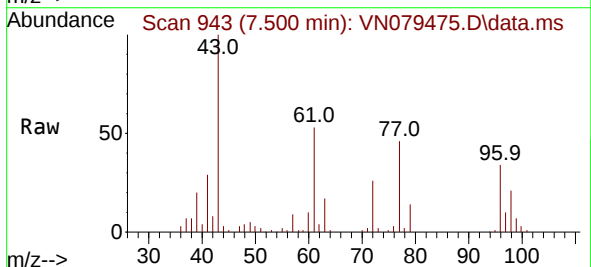
Manual Integrations
APPROVED

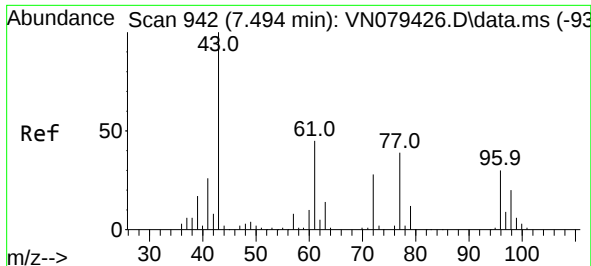
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#26
2,2-Dichloropropane
Concen: 17.315 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

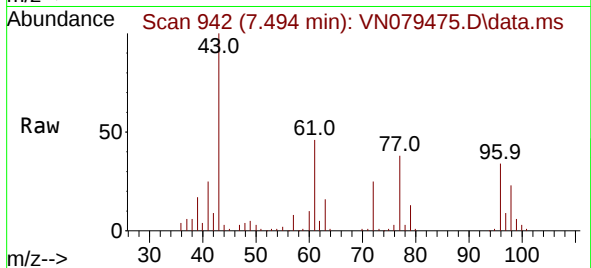
Tgt Ion: 77 Resp: 82119
Ion Ratio Lower Upper
77 100
97 23.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.075 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.000 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24

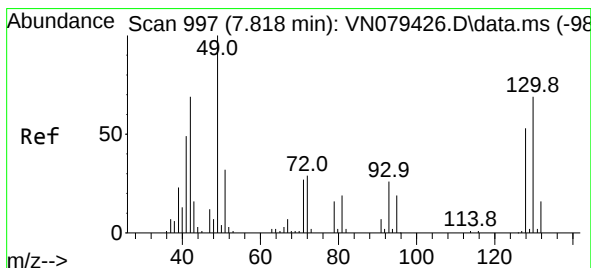
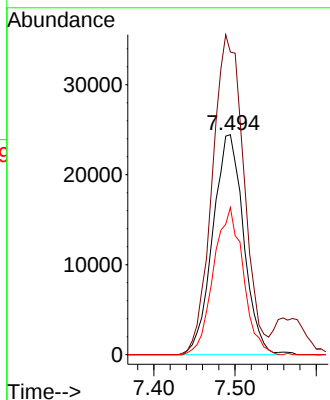
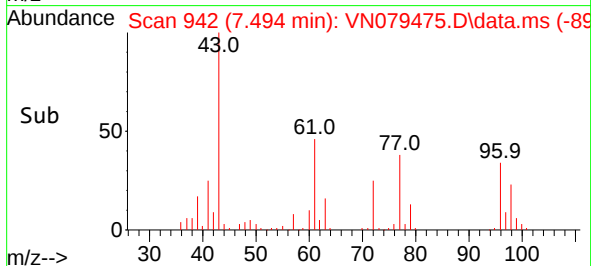
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02



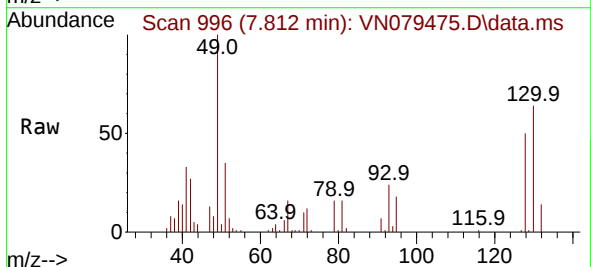
Tgt Ion: 96 Resp: 6426
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 255.2
 98 64.3 0.0 128.8

Manual Integrations
 APPROVED

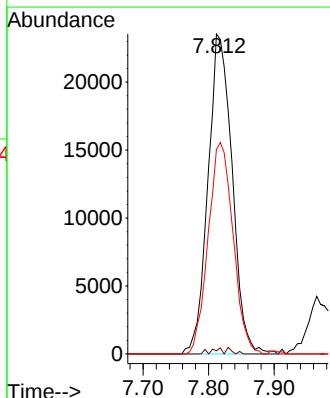
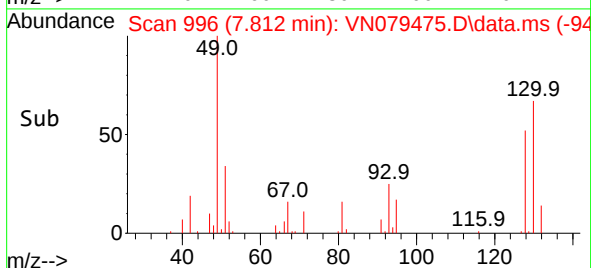
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

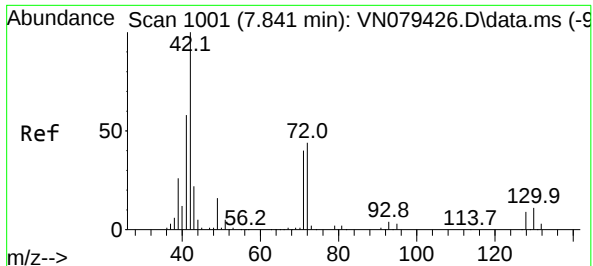


#28
 Bromochloromethane
 Concen: 20.388 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24



Tgt Ion: 49 Resp: 60200
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.8
 130 68.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 92.419 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion: 42 Resp: 135309

Ion Ratio Lower Upper

42 100

72 41.6 49.8 74.6

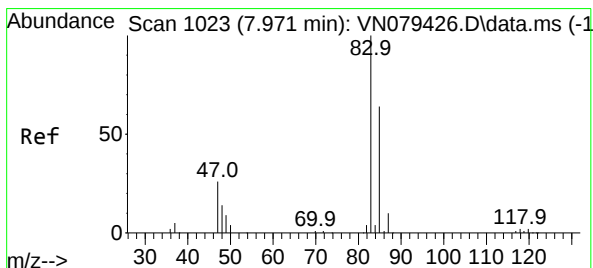
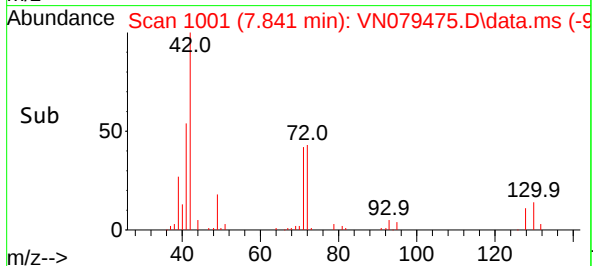
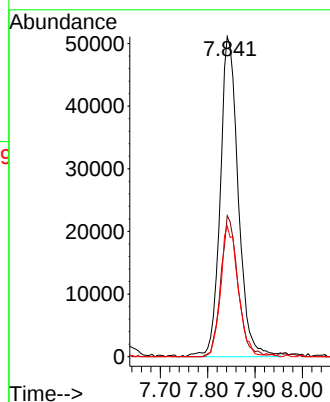
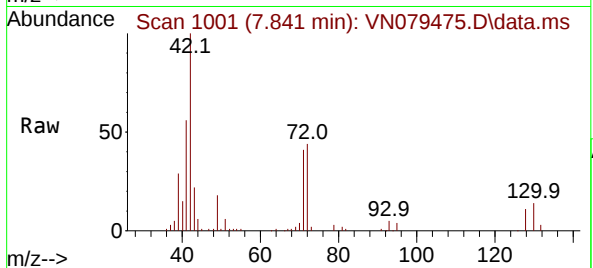
71 39.7 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#30

Chloroform

Concen: 18.097 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN079475.D

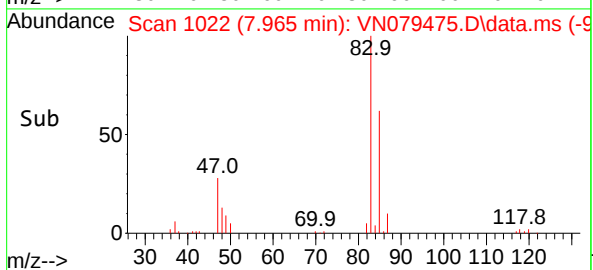
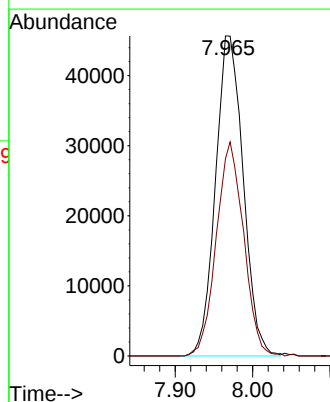
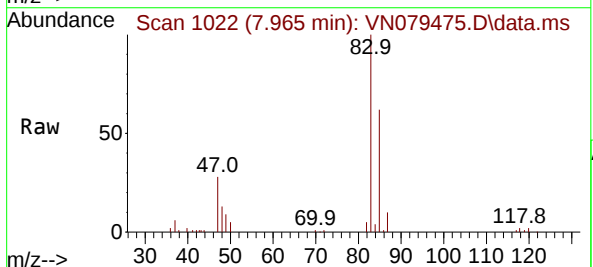
Acq: 09 Oct 2023 16:24

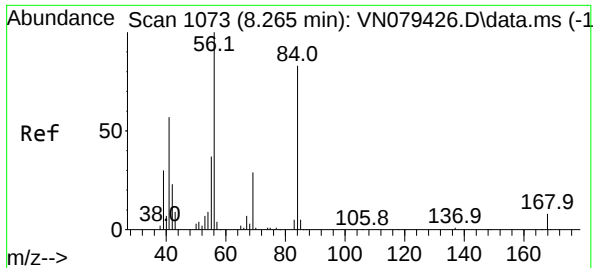
Tgt Ion: 83 Resp: 113469

Ion Ratio Lower Upper

83 100

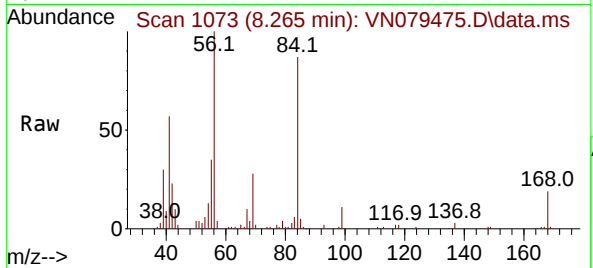
85 61.6 55.4 83.0





#31
Cyclohexane
Concen: 17.694 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

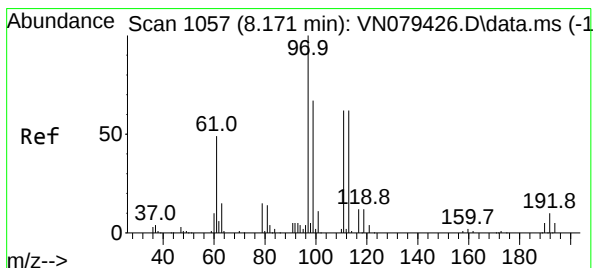
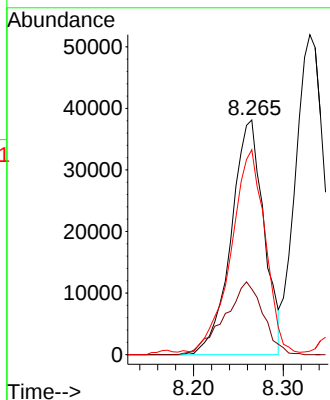
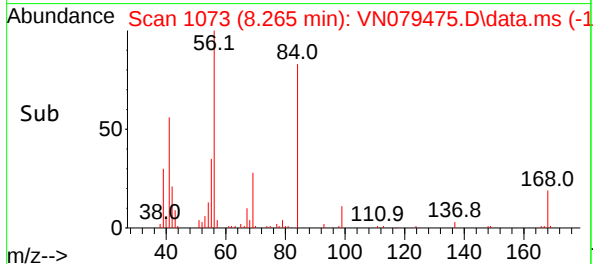
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



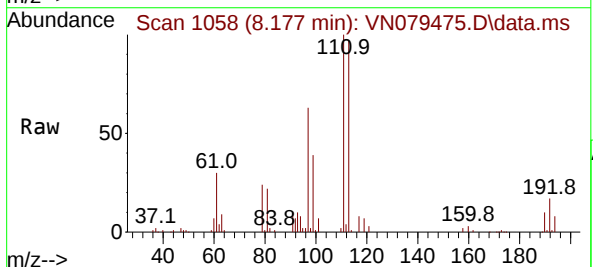
Tgt Ion: 56 Resp: 9651
Ion Ratio Lower Upper
56 100
69 27.9 26.8 40.2
84 86.2 81.8 122.6

Manual Integrations
APPROVED

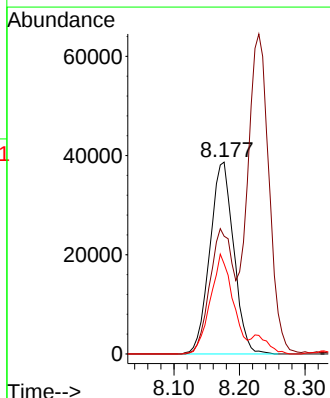
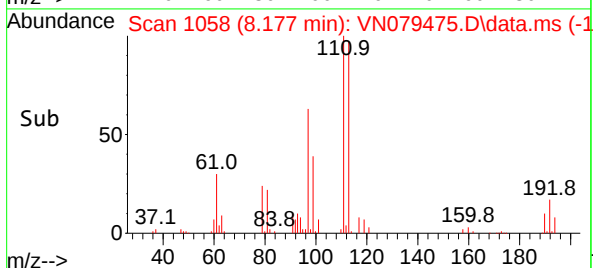
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

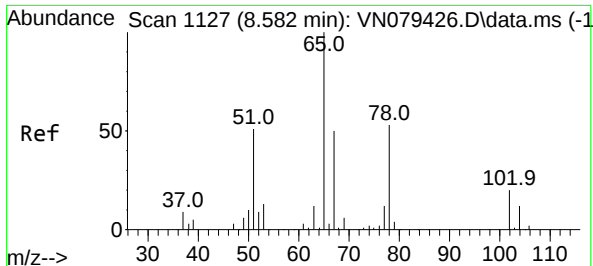


#32
1,1,1-Trichloroethane
Concen: 18.522 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



Tgt Ion: 97 Resp: 97733
Ion Ratio Lower Upper
97 100
99 62.7 50.3 75.5
61 49.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 51.508 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion: 65 Resp: 198070

Ion Ratio Lower Upper

65 100

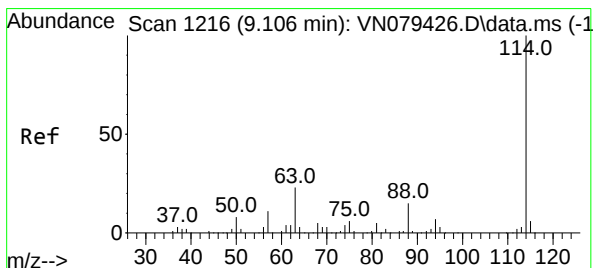
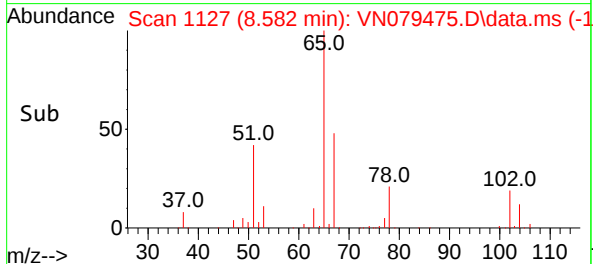
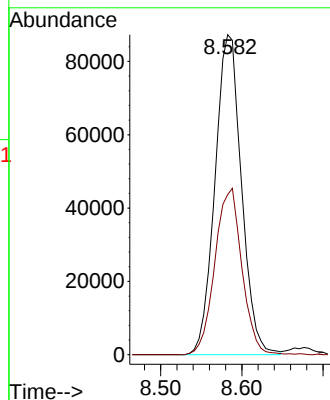
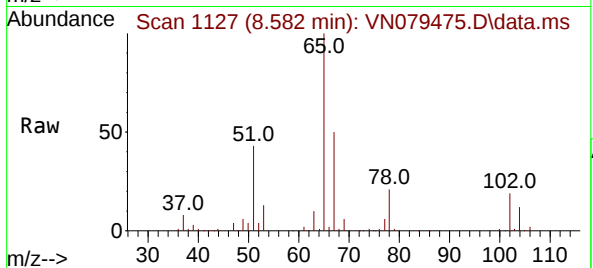
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

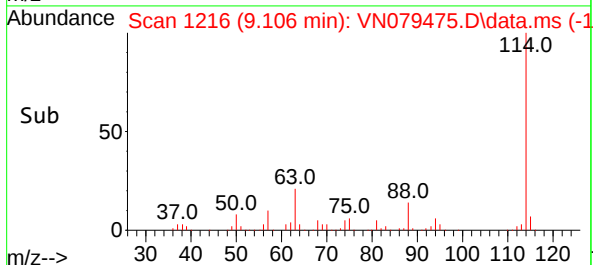
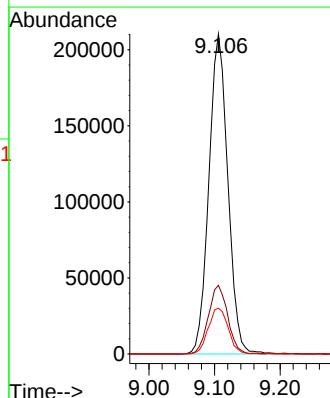
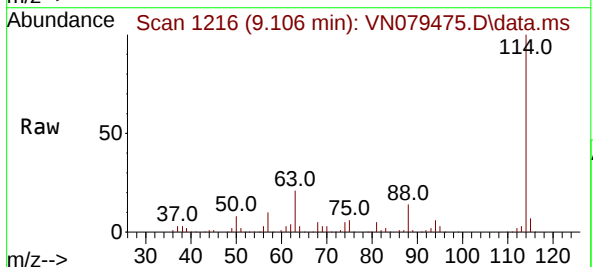
Tgt Ion:114 Resp: 422485

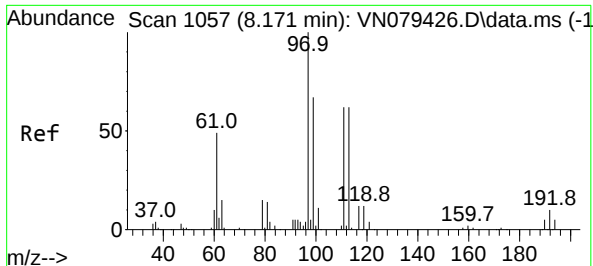
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.169 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion:113 Resp: 15232

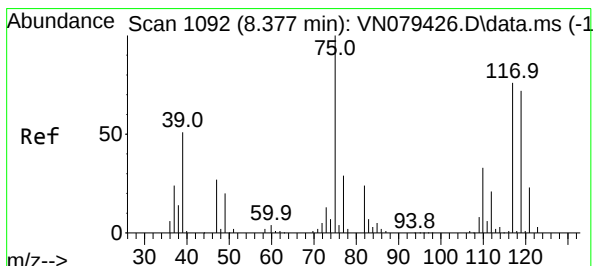
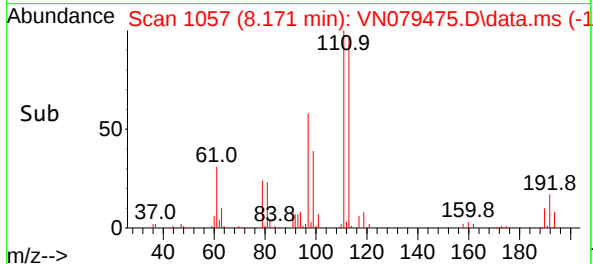
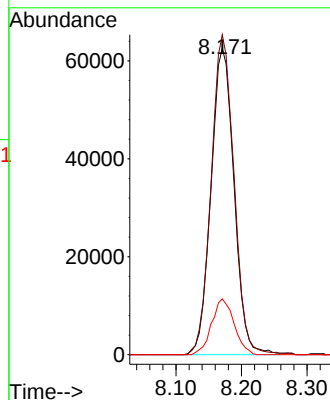
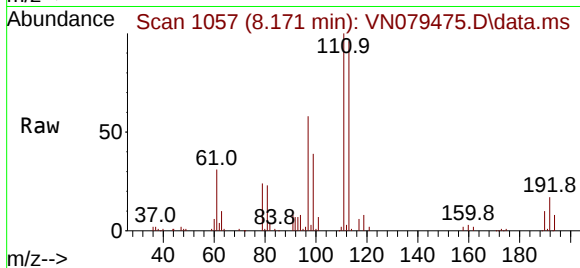
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	17.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#36

1,1-Dichloropropene

Concen: 18.285 ug/l

RT: 8.377 min Scan# 1092

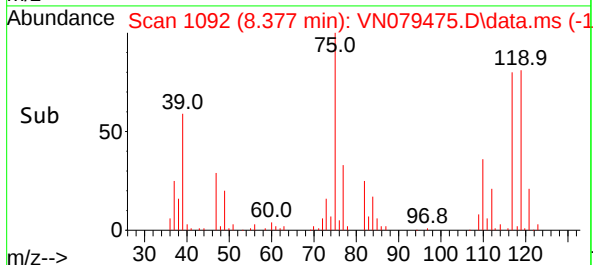
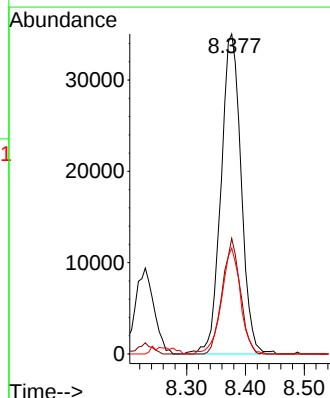
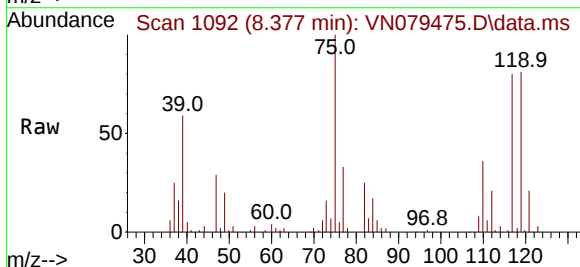
Delta R.T. -0.000 min

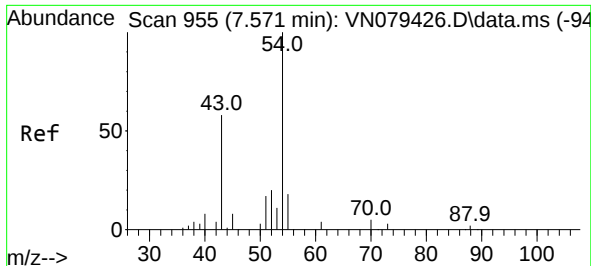
Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion: 75 Resp: 83319

Ion	Ratio	Lower	Upper
75	100		
110	32.3	19.1	57.3
77	31.2	25.0	37.4





#37

Ethyl Acetate

Concen: 19.113 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion: 43 Resp: 86664

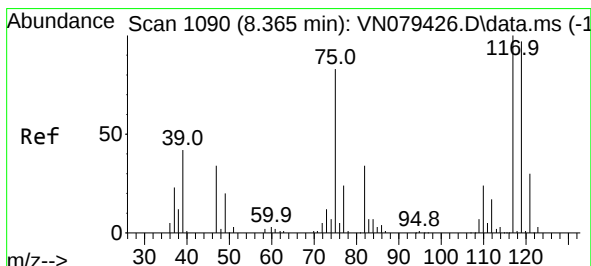
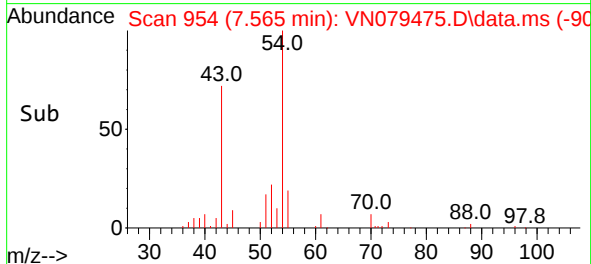
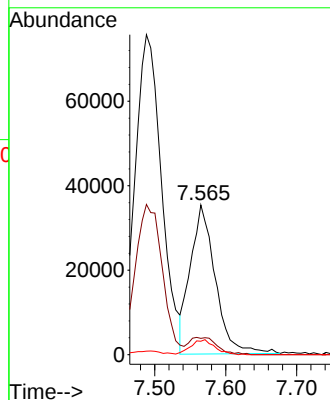
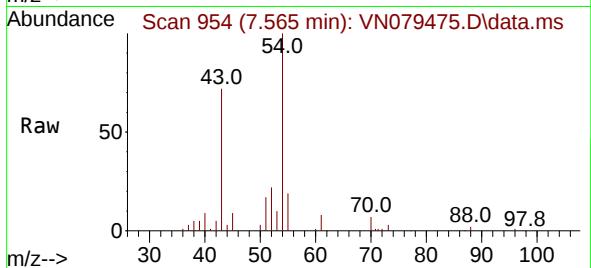
Ion	Ratio	Lower	Upper
43	100		
61	12.8	13.2	19.8
70	9.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#38

Carbon Tetrachloride

Concen: 18.610 ug/l

RT: 8.371 min Scan# 1091

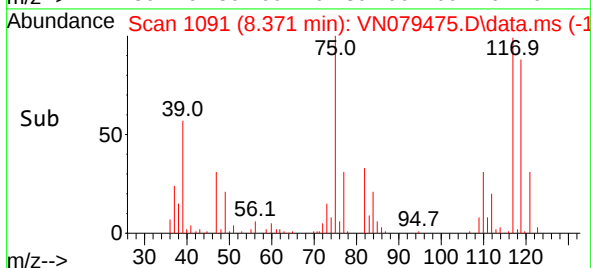
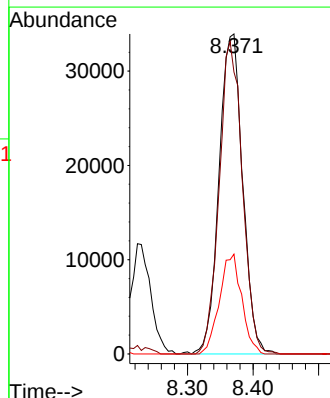
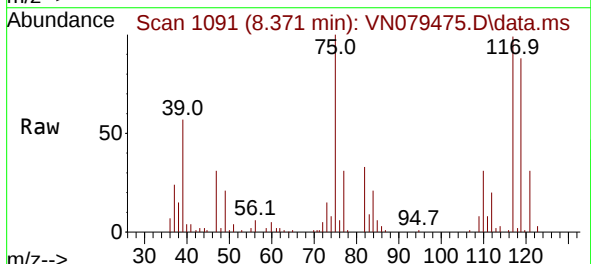
Delta R.T. 0.006 min

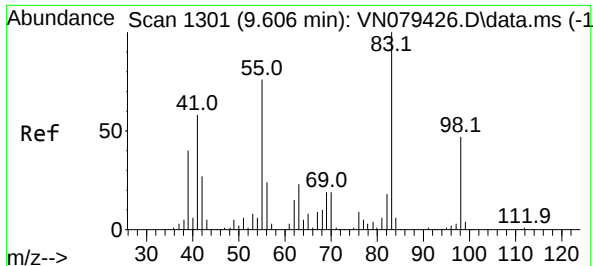
Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion:117 Resp: 84897

Ion	Ratio	Lower	Upper
117	100		
119	88.1	77.3	115.9
121	31.2	23.3	34.9





#39
Methylcyclohexane
Concen: 17.672 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

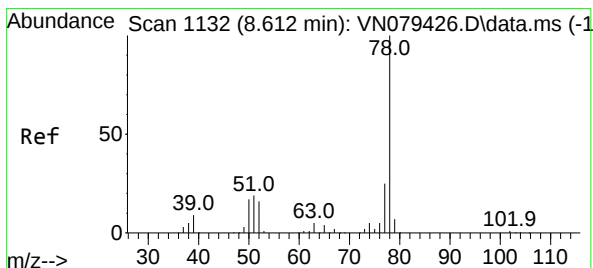
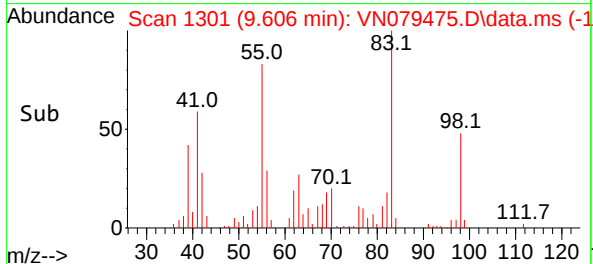
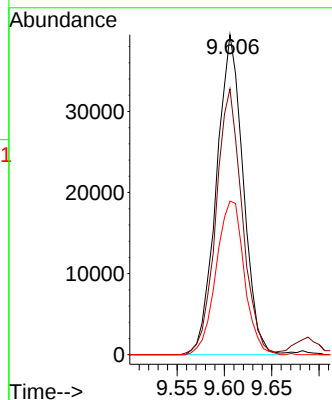
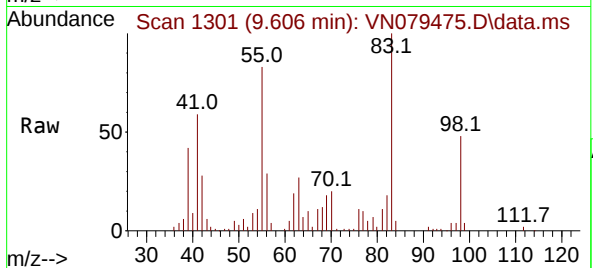
Tgt Ion: 83 Resp: 77369
Ion Ratio Lower Upper
83 100
55 83.1 49.1 73.7
98 48.0 40.6 61.0

Manual Integrations

APPROVED

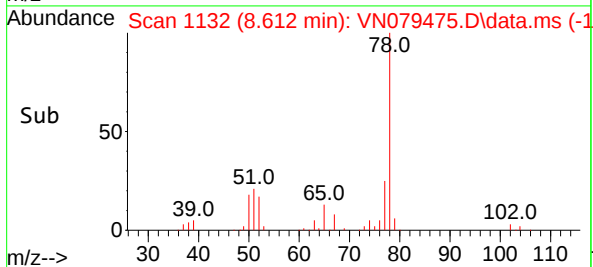
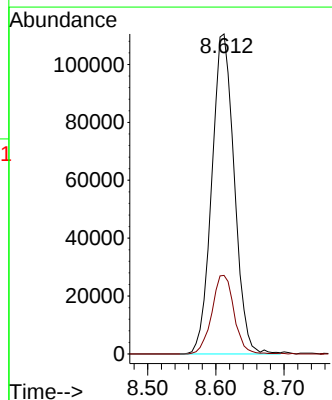
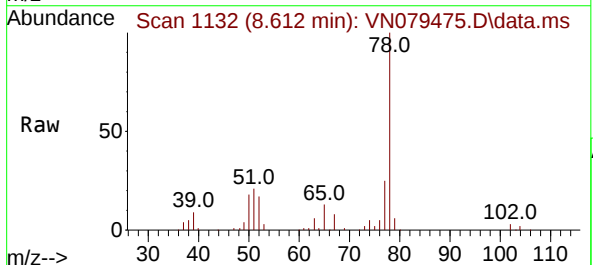
Reviewed By :John Carlone 10/10/2023

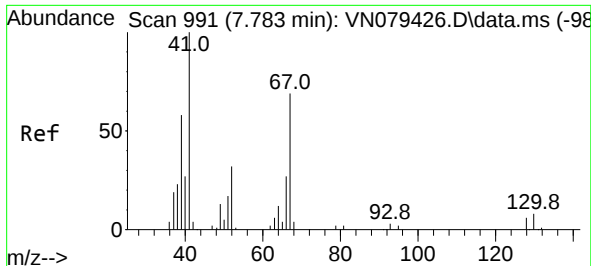
Supervised By :Mahesh Dadoda 10/10/2023



#40
Benzene
Concen: 18.758 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

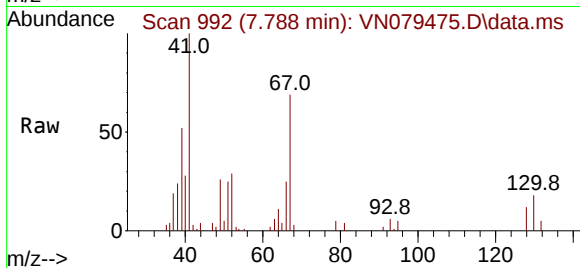
Tgt Ion: 78 Resp: 253854
Ion Ratio Lower Upper
78 100
77 24.6 19.0 28.6





#41
Methacrylonitrile
Concen: 18.817 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

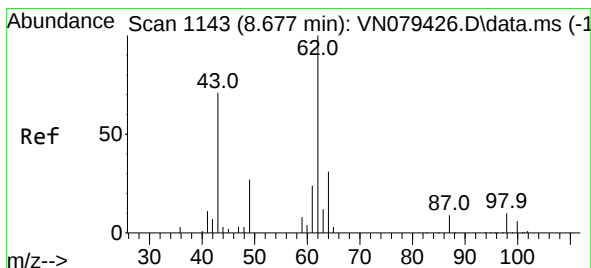
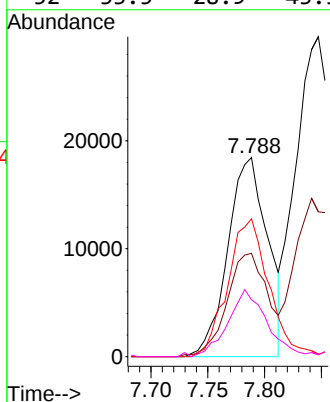
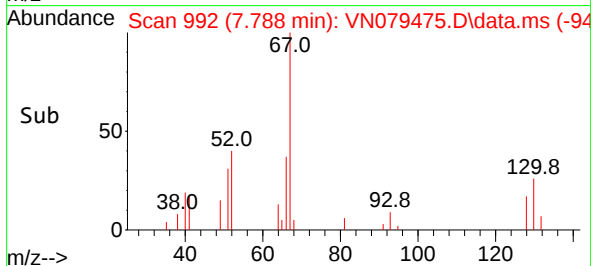
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 41 Resp: 44854
Ion Ratio Lower Upper
41 100
39 53.1 42.6 64.0
67 72.2 77.5 116.3
52 33.5 28.9 43.3

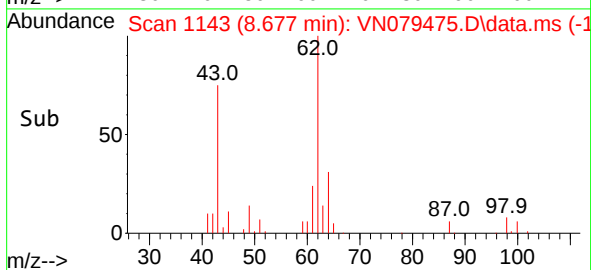
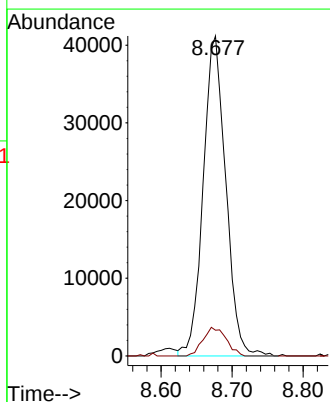
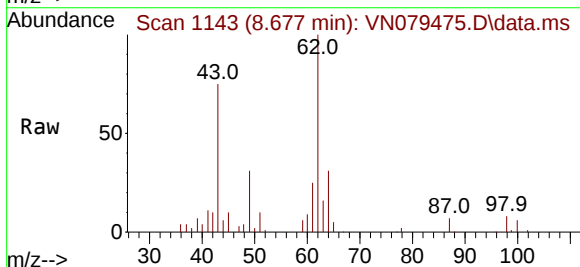
Manual Integrations
APPROVED

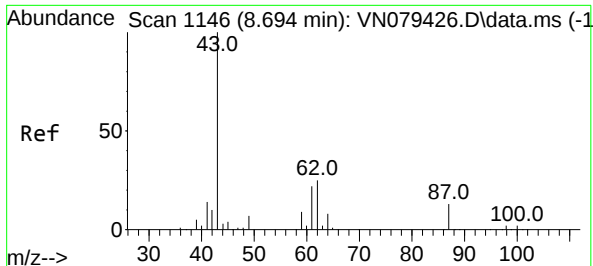
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#42
1,2-Dichloroethane
Concen: 18.494 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion: 62 Resp: 90944
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 19.356 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion: 43 Resp: 153750

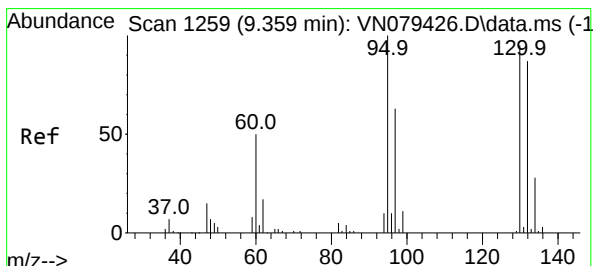
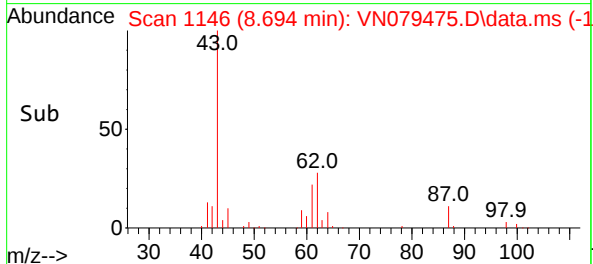
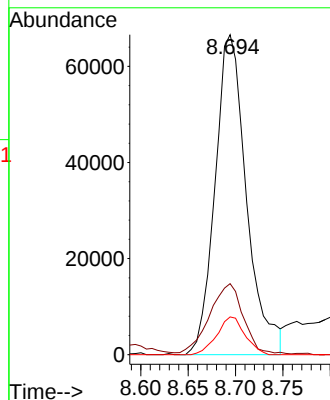
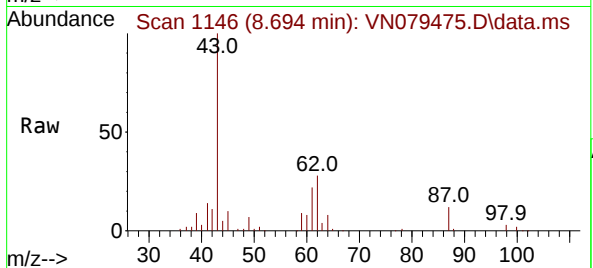
Ion	Ratio	Lower	Upper
43	100		
61	23.6	24.7	37.1
87	10.6	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#44

Trichloroethene

Concen: 18.047 ug/l

RT: 9.359 min Scan# 1259

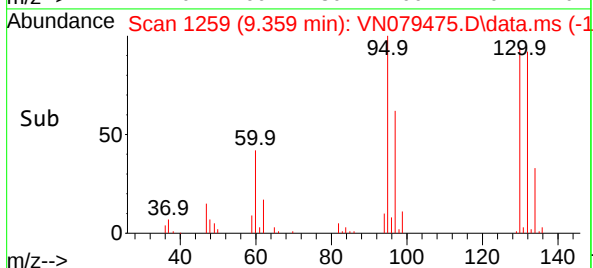
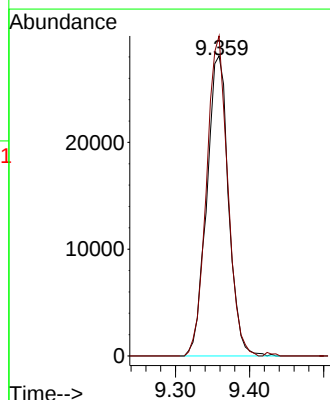
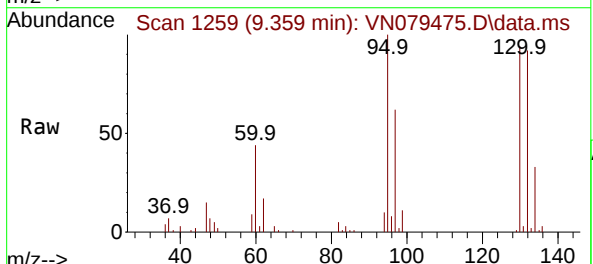
Delta R.T. -0.000 min

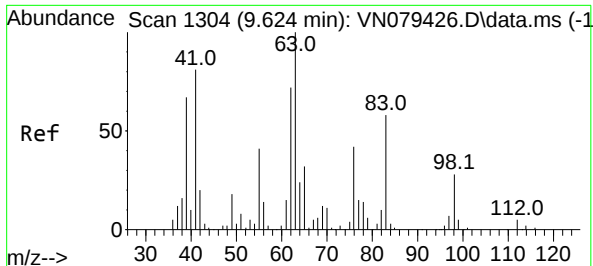
Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion:130 Resp: 57482

Ion	Ratio	Lower	Upper
130	100		
95	106.6	0.0	204.6





#45

1,2-Dichloropropane

Concen: 18.222 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion: 63 Resp: 6497

Ion Ratio Lower Upper

63 100

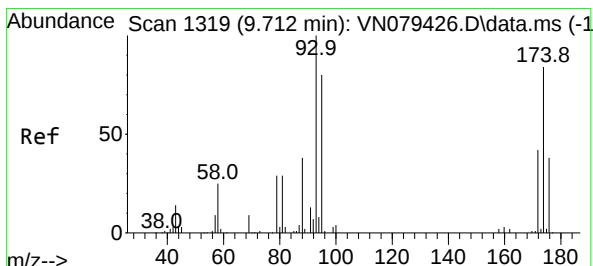
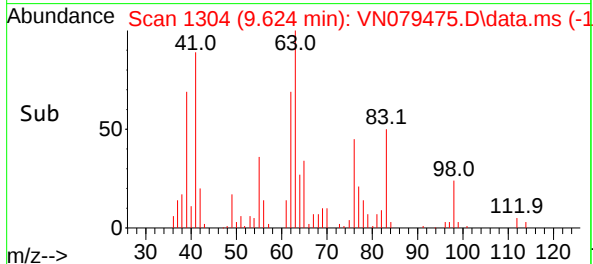
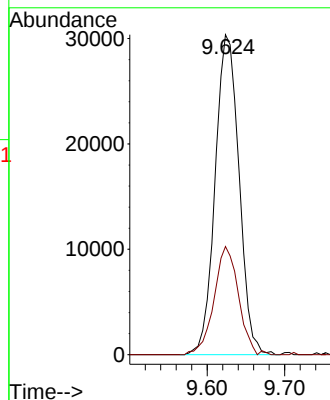
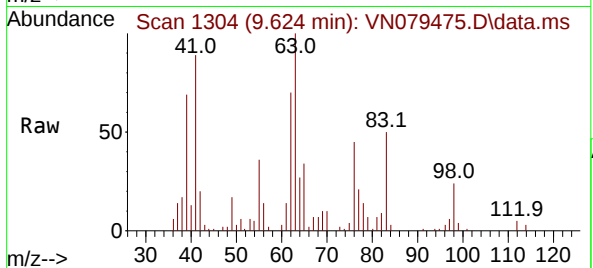
65 33.8 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#46

Dibromomethane

Concen: 19.207 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

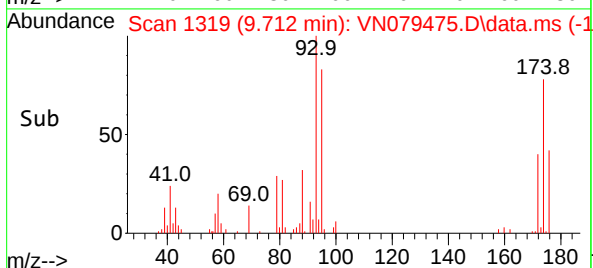
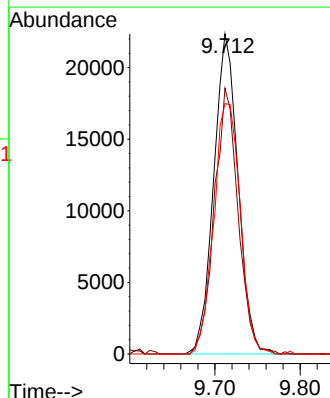
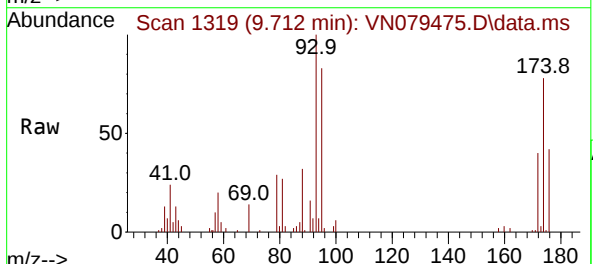
Tgt Ion: 93 Resp: 44355

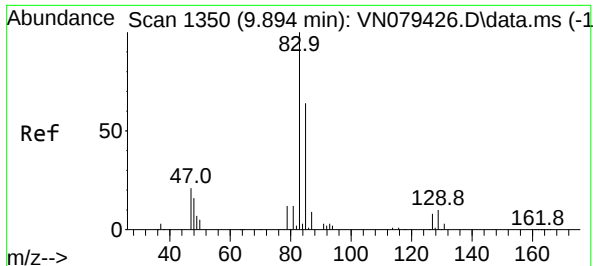
Ion Ratio Lower Upper

93 100

95 81.5 63.8 95.8

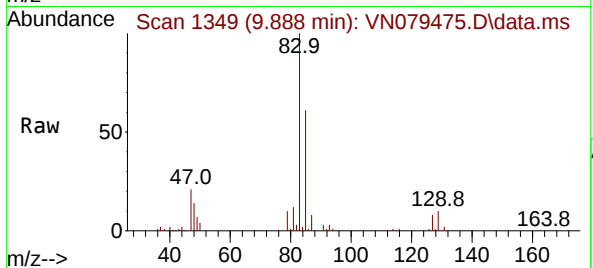
174 85.3 65.6 98.4





#47
Bromodichloromethane
Concen: 19.080 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

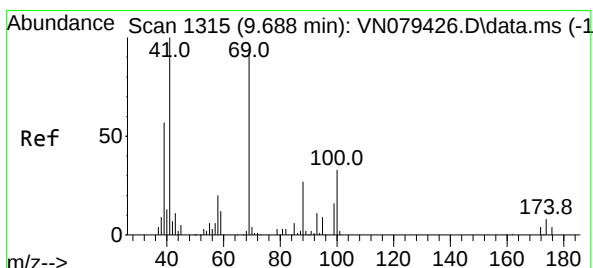
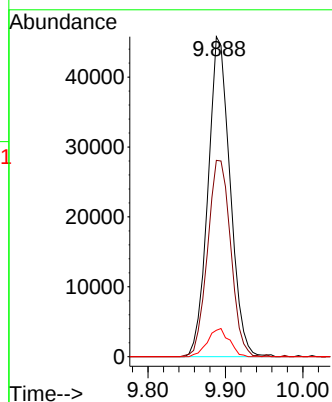
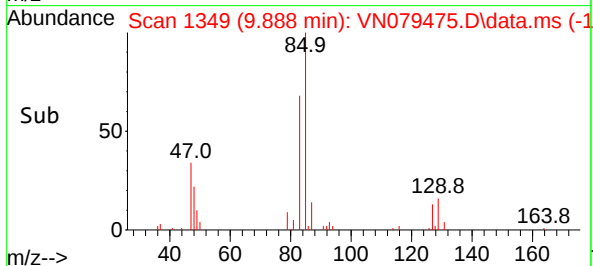
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 83 Resp: 90630
Ion Ratio Lower Upper
83 100
85 61.3 49.6 74.4
127 8.3 7.0 10.6

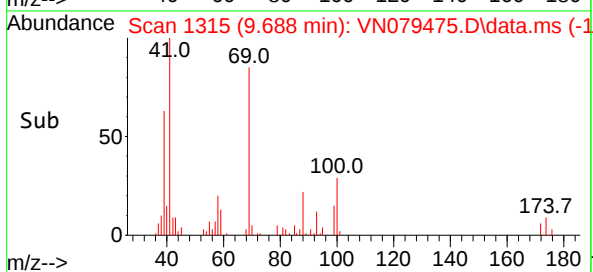
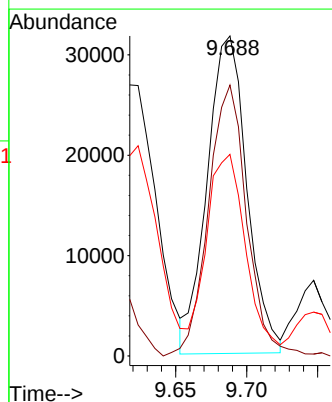
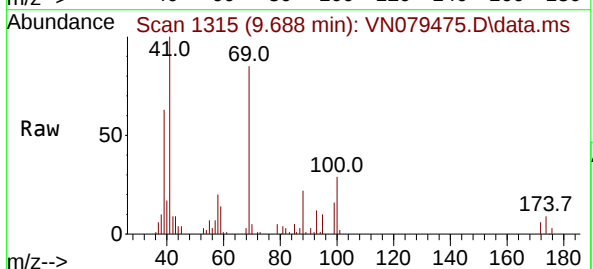
Manual Integrations
APPROVED

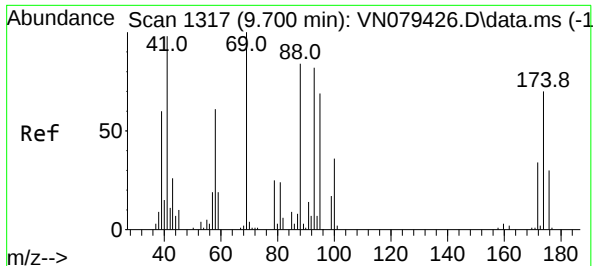
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#48
Methyl methacrylate
Concen: 18.112 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion: 41 Resp: 61655
Ion Ratio Lower Upper
41 100
69 82.3 90.4 135.6#
39 62.9 54.6 81.8





#49

1,4-Dioxane

Concen: 354.000 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079475.D

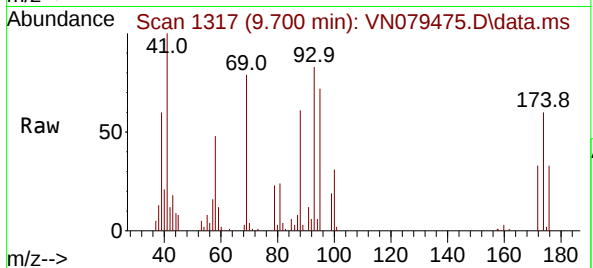
Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02



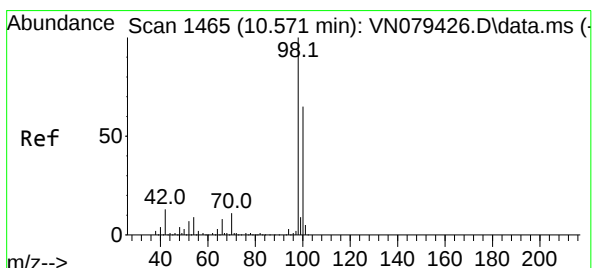
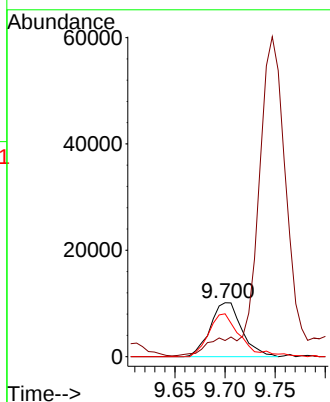
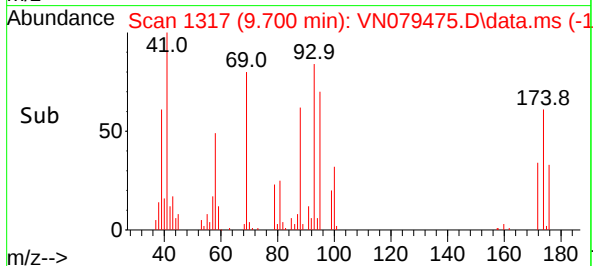
Tgt Ion: 88	Resp: 22190
Ion Ratio	Lower Upper
88	100
43	0.0 17.0 25.6
58	80.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#50

Toluene-d8

Concen: 52.526 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079475.D

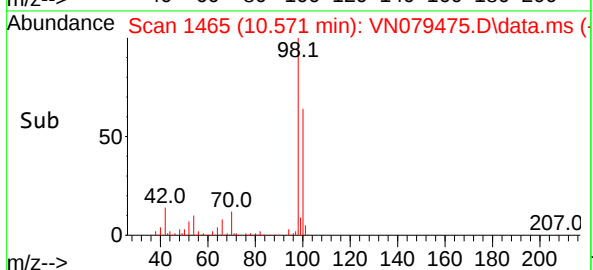
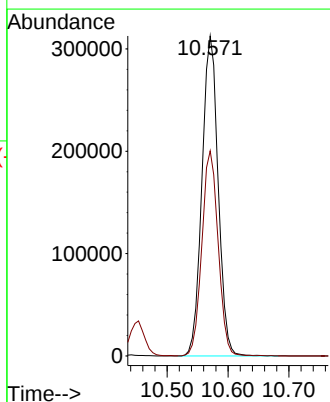
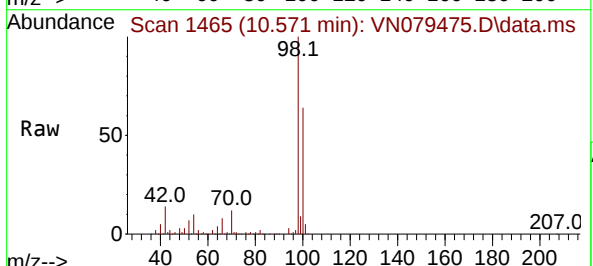
Acq: 09 Oct 2023 16:24

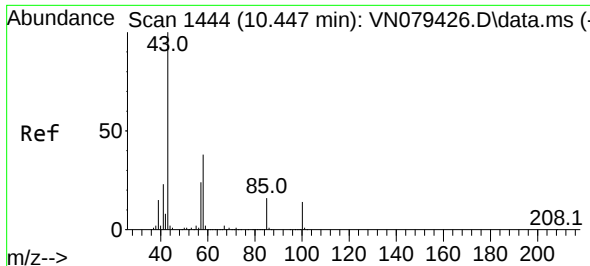
Tgt Ion: 98 Resp: 577028

Ion Ratio Lower Upper

98 100

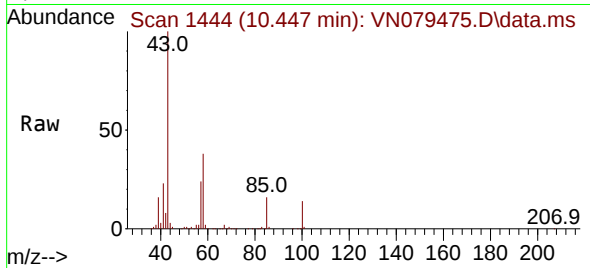
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 92.917 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

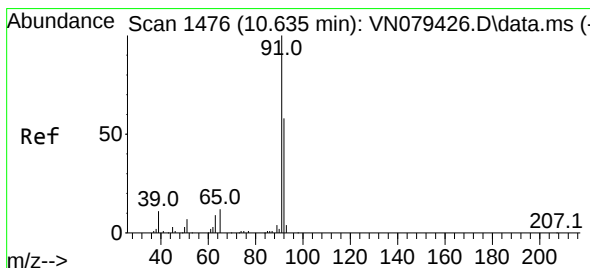
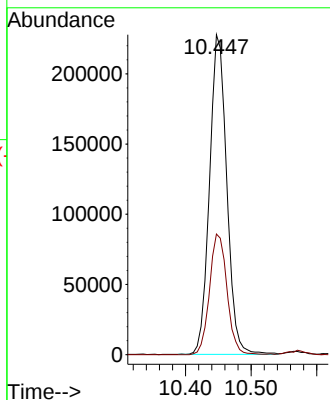
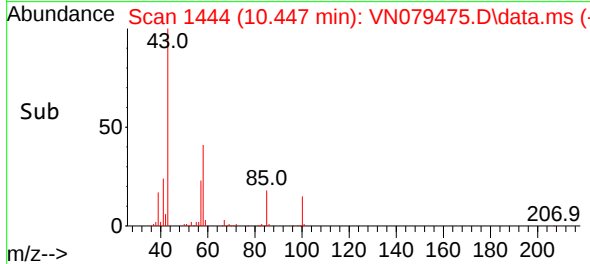
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



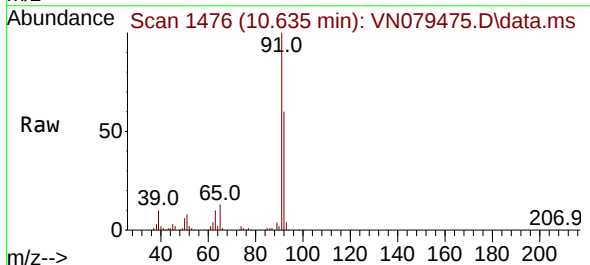
Tgt Ion: 43 Resp: 416658
Ion Ratio Lower Upper
43 100
58 38.2 36.6 54.8

Manual Integrations
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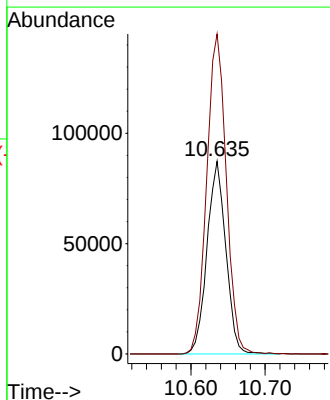
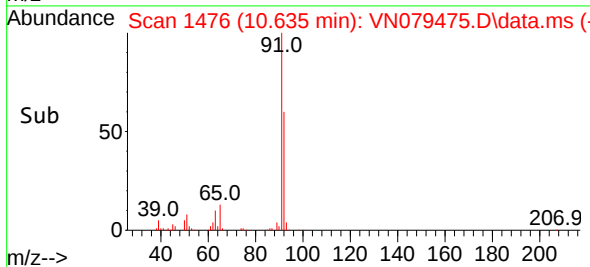
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

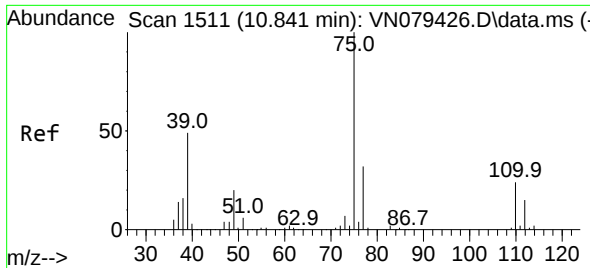


#52
Toluene
Concen: 19.342 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



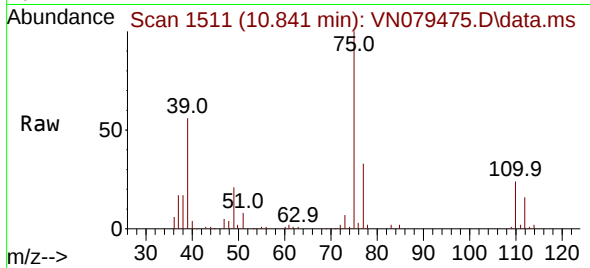
Tgt Ion: 92 Resp: 154077
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 17.942 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24

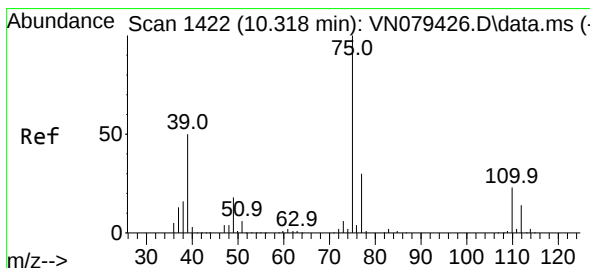
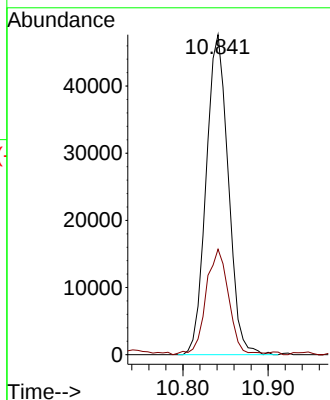
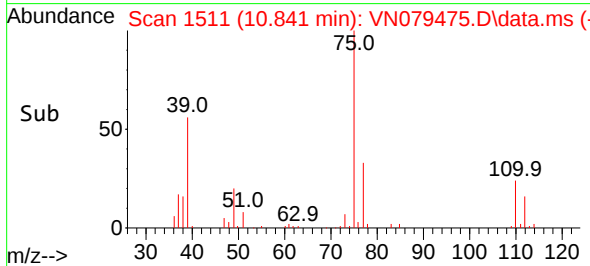
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02



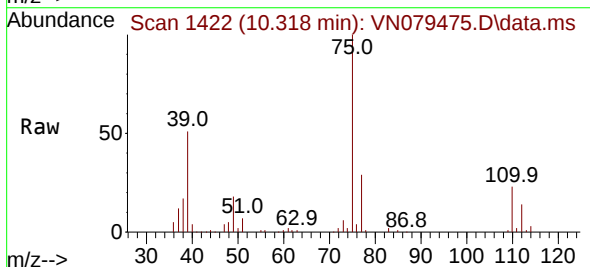
Tgt Ion: 75 Resp: 8588
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.4 38.0

Manual Integrations
 APPROVED

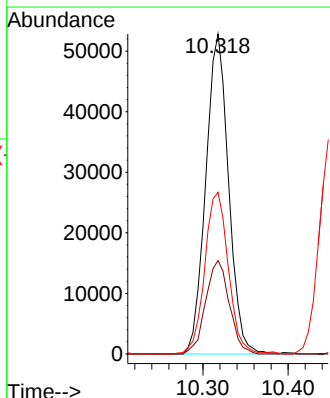
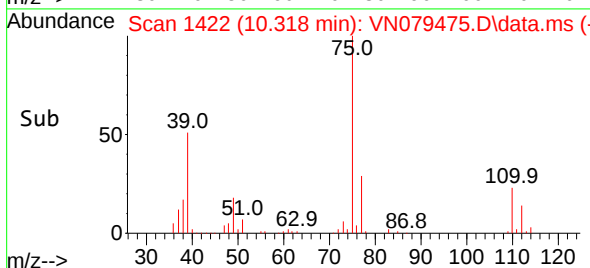
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

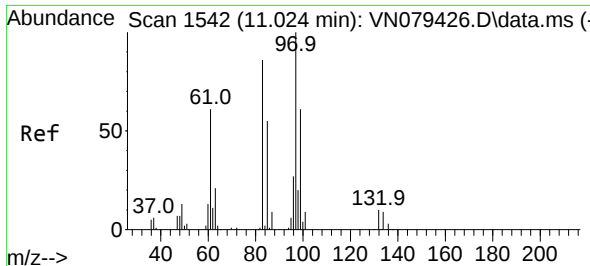


#54
 cis-1,3-Dichloropropene
 Concen: 18.764 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24



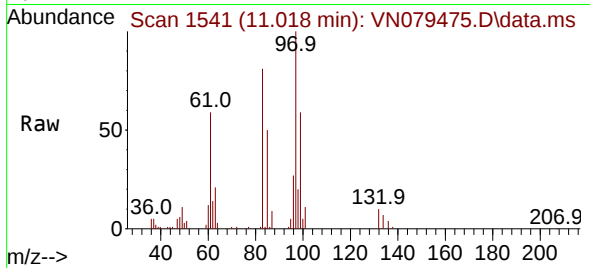
Tgt Ion: 75 Resp: 98334
 Ion Ratio Lower Upper
 75 100
 77 29.2 26.1 39.1
 39 50.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.145 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

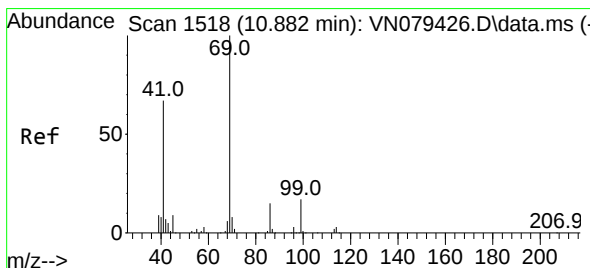
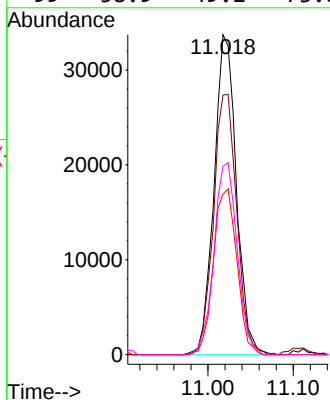
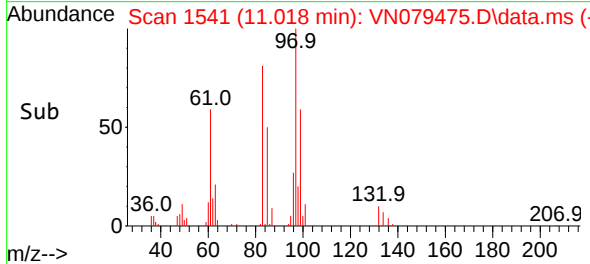
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



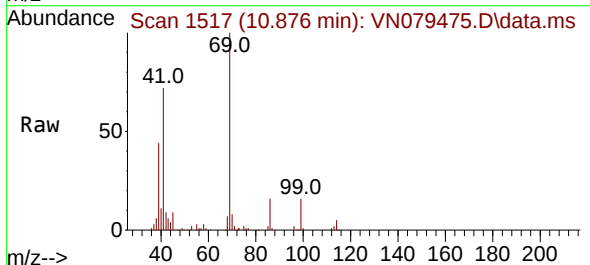
Tgt Ion:	97	Resp:	61220
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.1	97.7
85	50.2	43.4	65.2
99	58.9	49.2	73.8

Manual Integrations
APPROVED

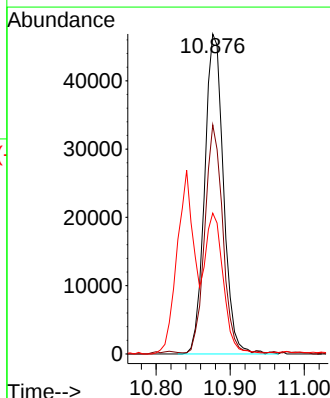
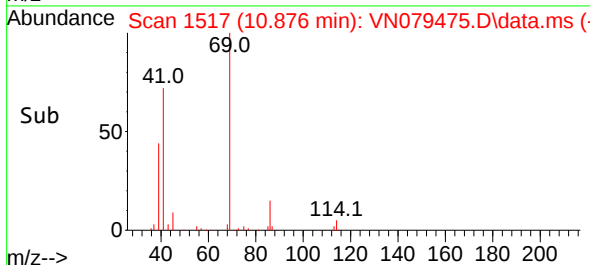
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

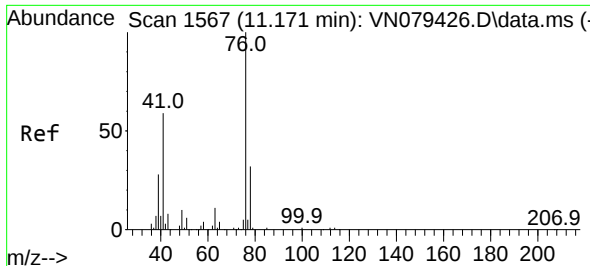


#56
Ethyl methacrylate
Concen: 18.806 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



Tgt Ion:	69	Resp:	82643
Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.6	59.4#
39	41.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 19.361 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion: 76 Resp: 106914

Ion Ratio Lower Upper

76 100

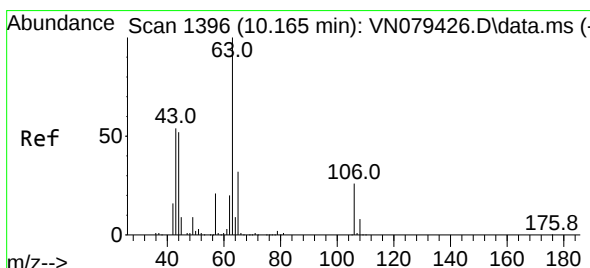
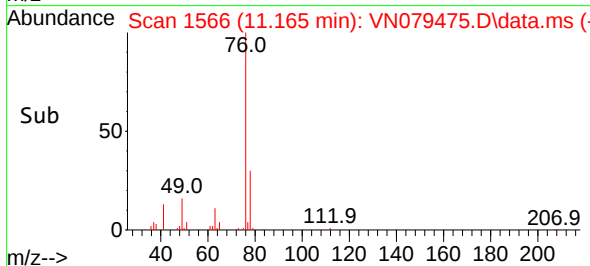
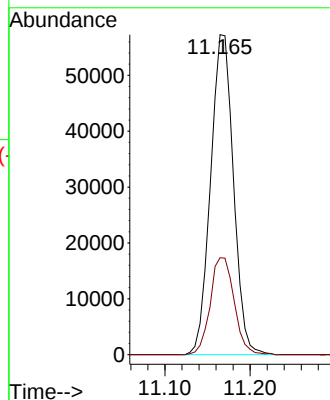
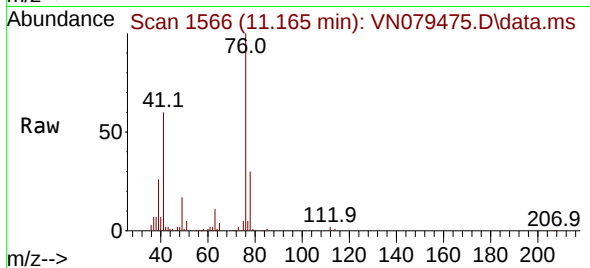
78 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.987 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079475.D

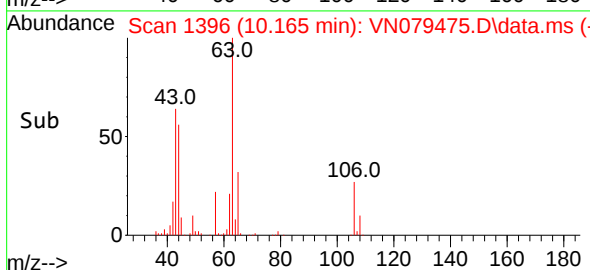
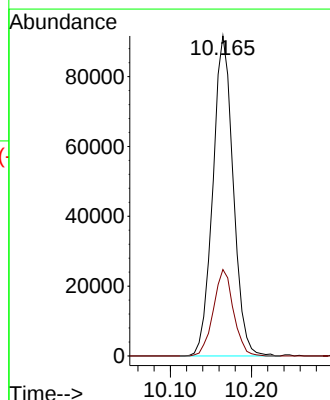
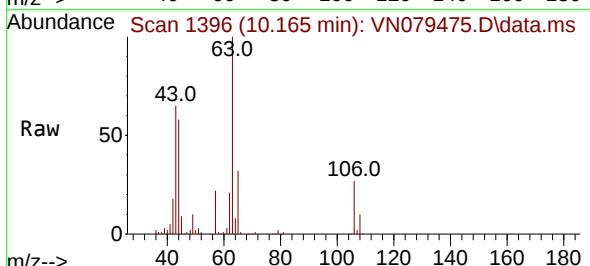
Acq: 09 Oct 2023 16:24

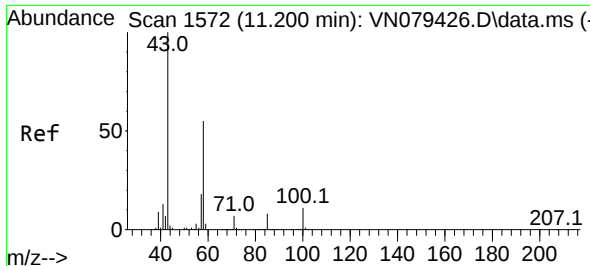
Tgt Ion: 63 Resp: 159860

Ion Ratio Lower Upper

63 100

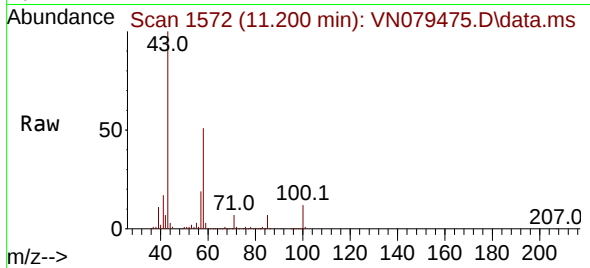
106 26.6 26.2 39.4





#59
2-Hexanone
Concen: 91.487 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

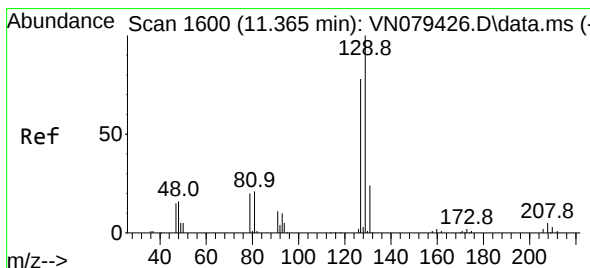
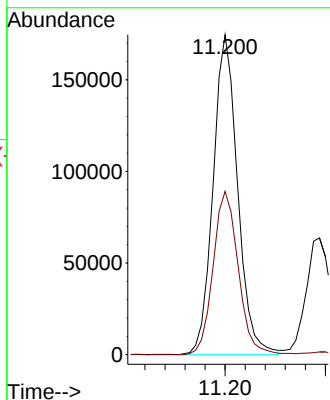
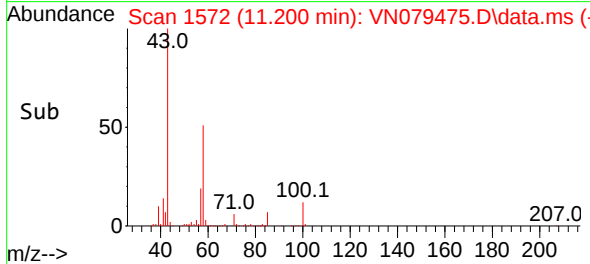
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 43 Resp: 296039
Ion Ratio Lower Upper
43 100
58 52.3 31.7 95.1

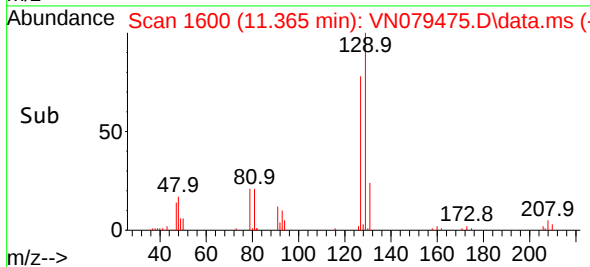
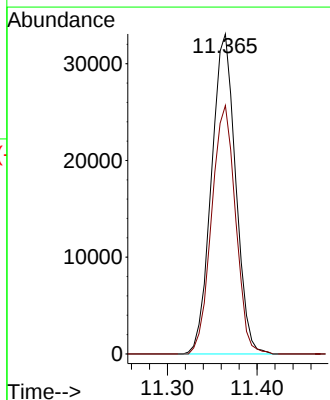
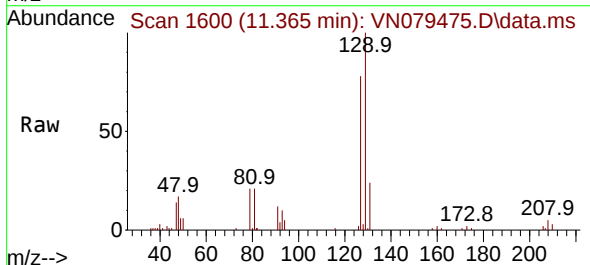
Manual Integrations
APPROVED

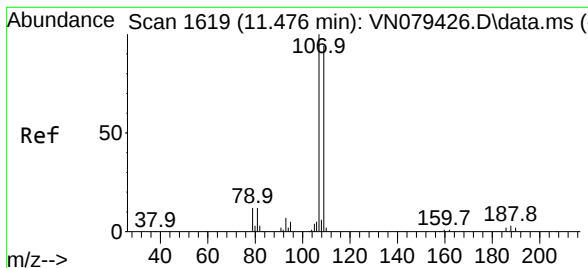
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#60
Dibromochloromethane
Concen: 19.257 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

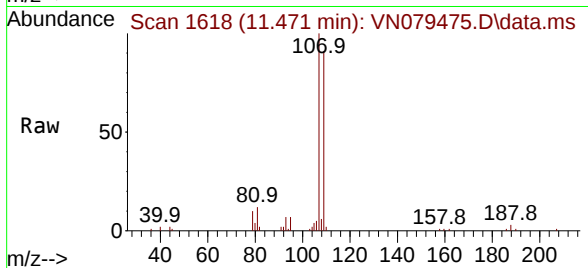
Tgt Ion:129 Resp: 61894
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.384 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

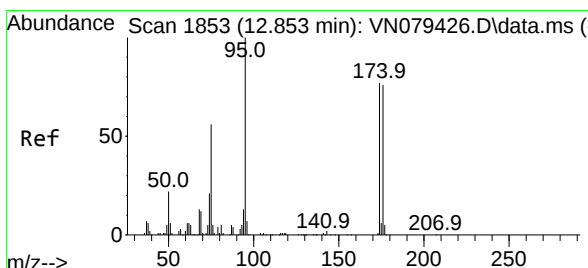
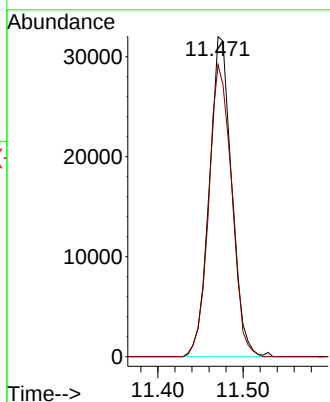
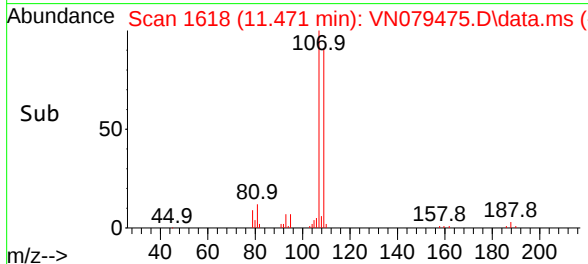
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



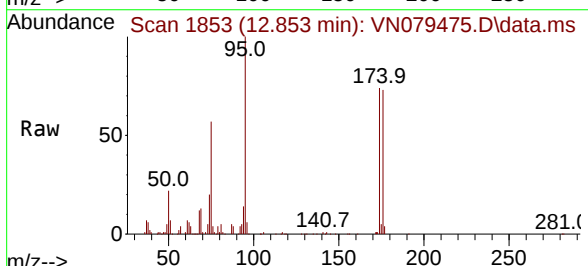
Tgt Ion:107 Resp: 58340
Ion Ratio Lower Upper
107 100
109 94.2 76.6 114.8

Manual Integrations
APPROVED

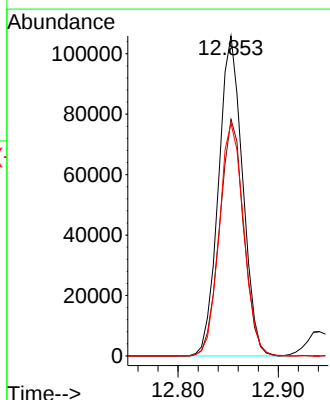
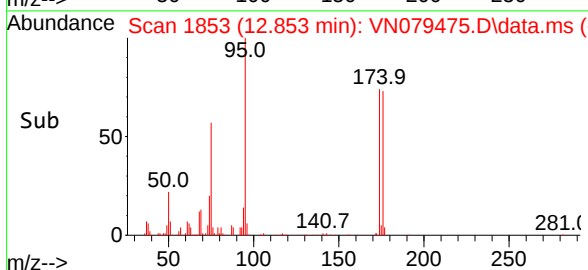
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

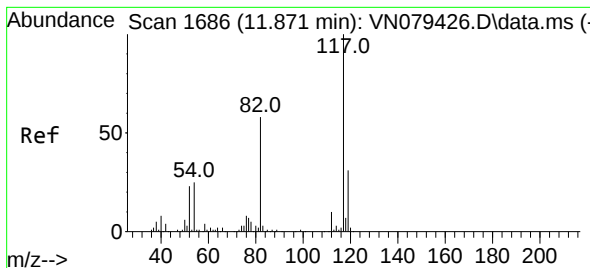


#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



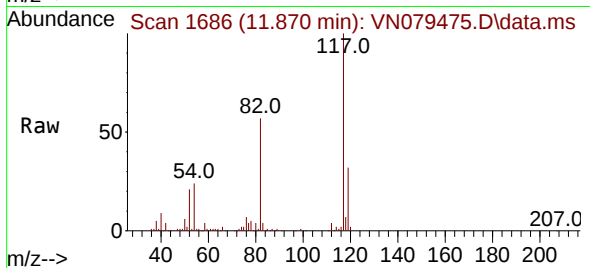
Tgt Ion: 95 Resp: 176183
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 74.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

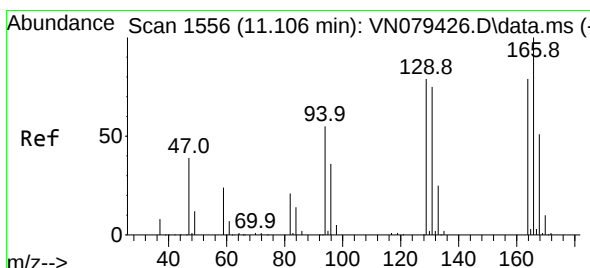
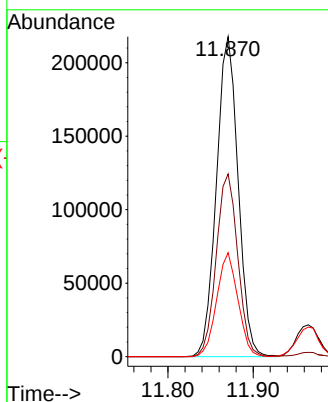
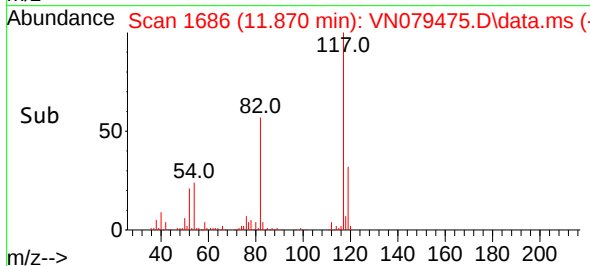
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion:117 Resp: 385188
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 32.5 25.6 38.4

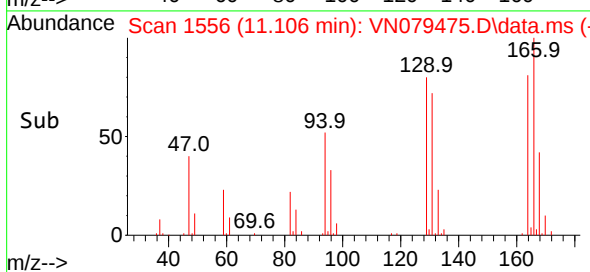
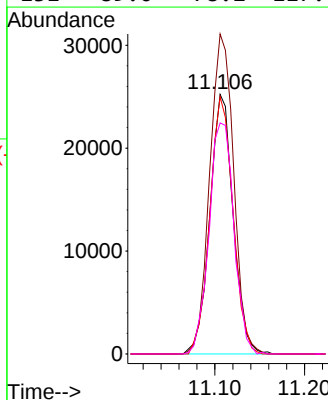
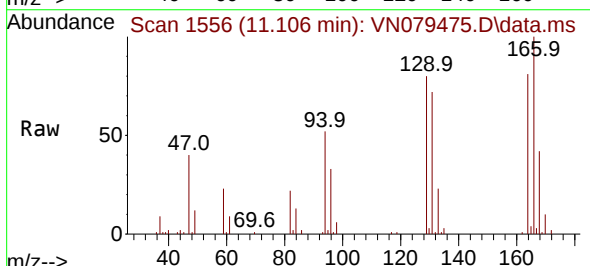
Manual Integrations
APPROVED

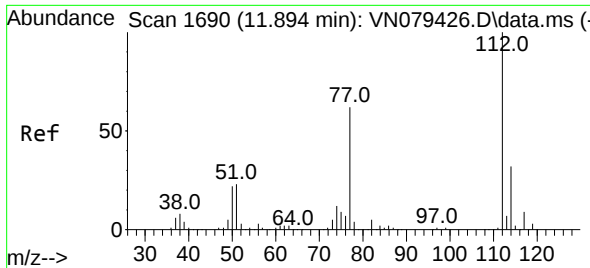
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#64
Tetrachloroethene
Concen: 17.192 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

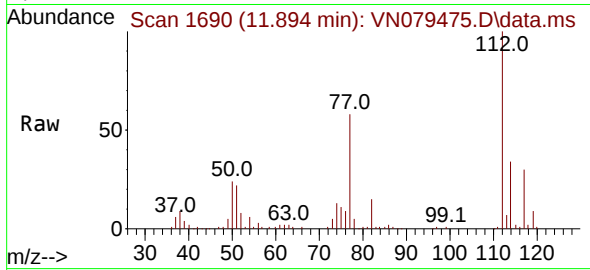
Tgt Ion:164 Resp: 45556
Ion Ratio Lower Upper
164 100
166 123.3 101.4 152.0
129 99.1 82.4 123.6
131 89.0 78.2 117.4





#65
Chlorobenzene
Concen: 17.996 ug/l
RT: 11.894 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

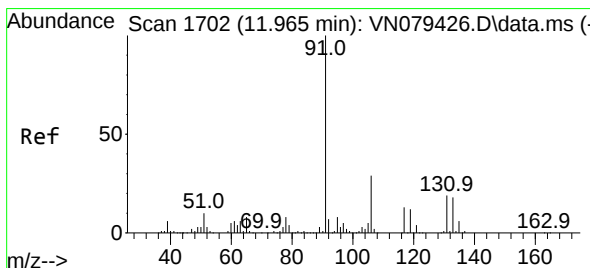
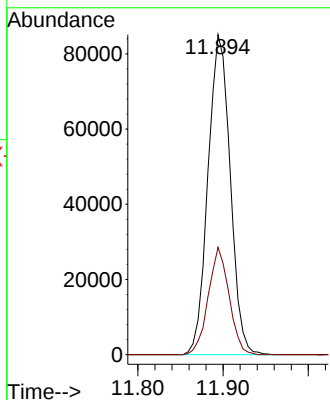
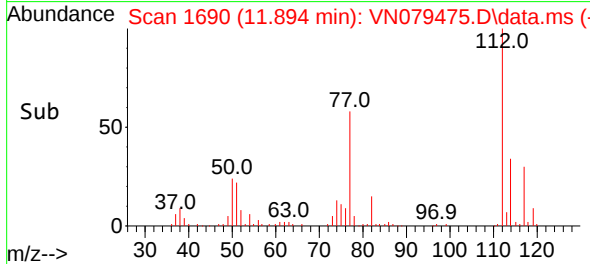
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion:112 Resp: 154372
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.4

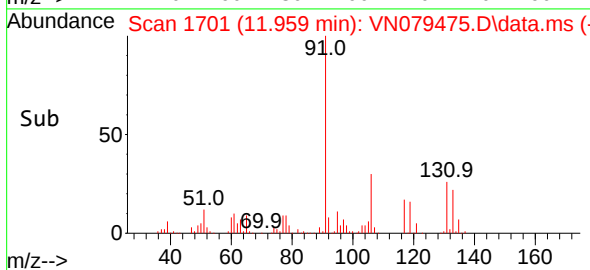
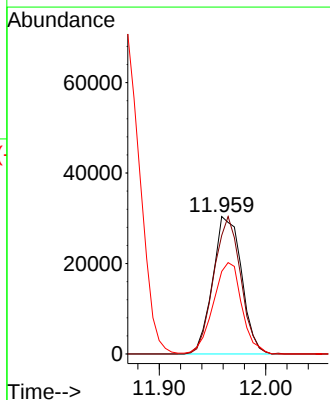
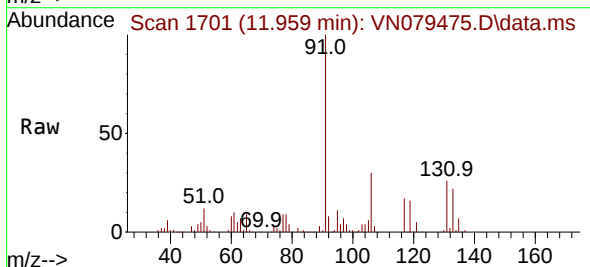
Manual Integrations
APPROVED

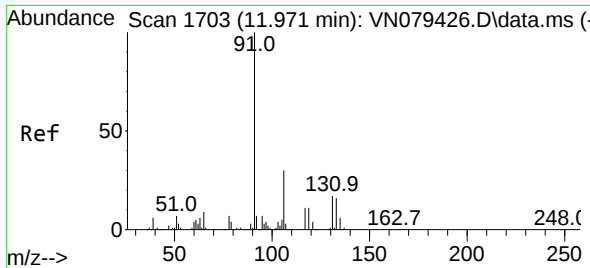
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 18.173 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

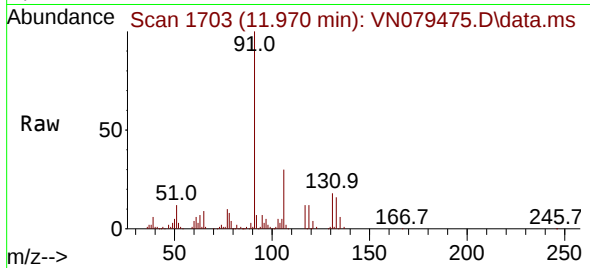
Tgt Ion:131 Resp: 57078
Ion Ratio Lower Upper
131 100
133 93.6 46.4 139.1
119 65.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.204 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

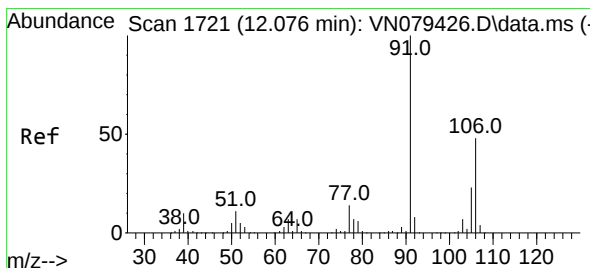
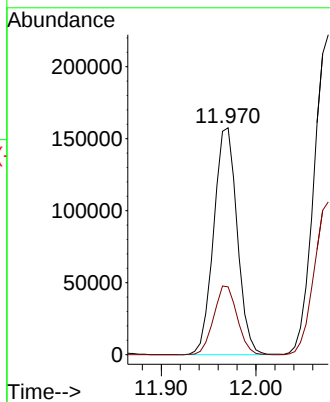
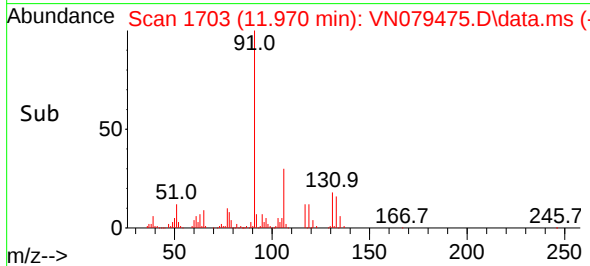
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 91 Resp: 271420
Ion Ratio Lower Upper
91 100
106 29.9 25.6 38.4

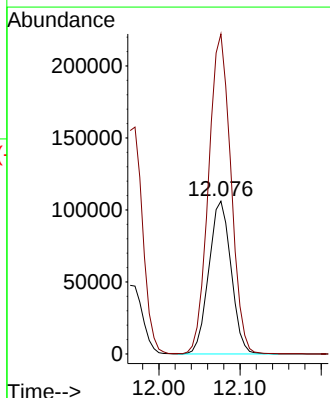
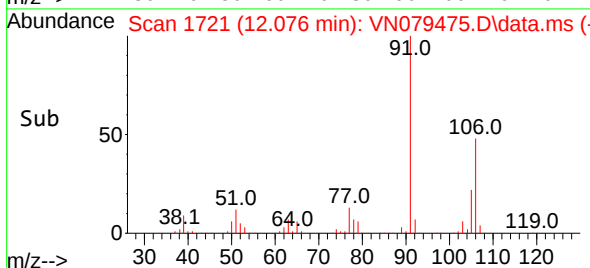
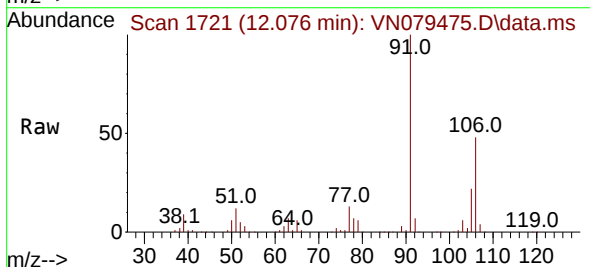
Manual Integrations
APPROVED

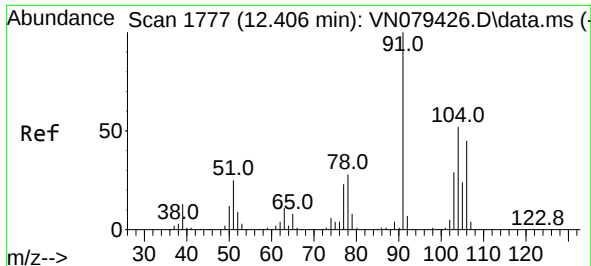
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#68
m/p-Xylenes
Concen: 37.325 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion:106 Resp: 202203
Ion Ratio Lower Upper
106 100
91 210.7 159.6 239.4





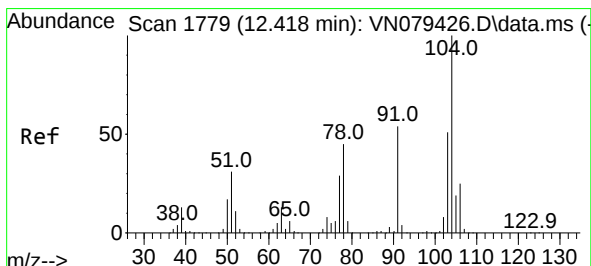
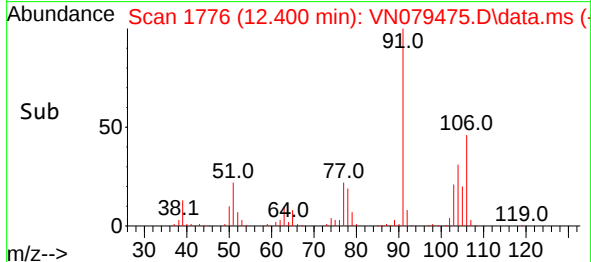
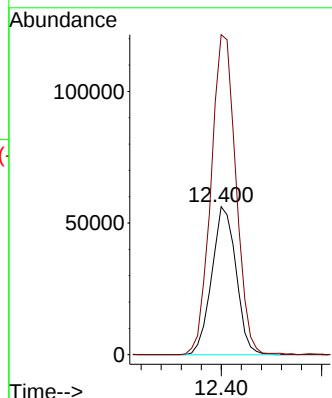
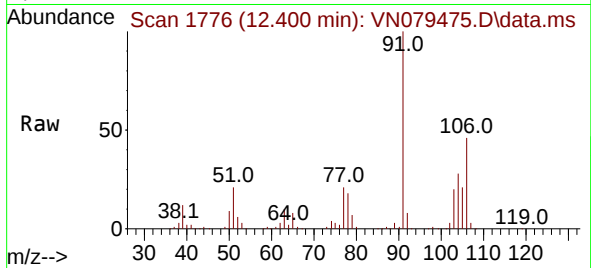
#69
o-Xylene
Concen: 17.747 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion:106 Resp: 94554
Ion Ratio Lower Upper
106 100
91 222.2 105.2 315.5

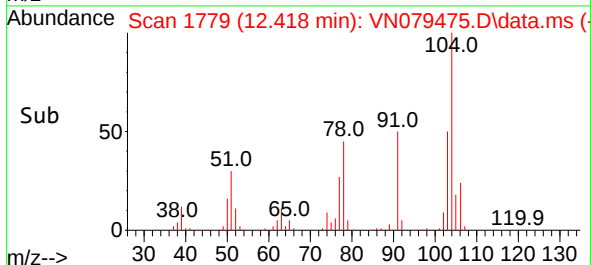
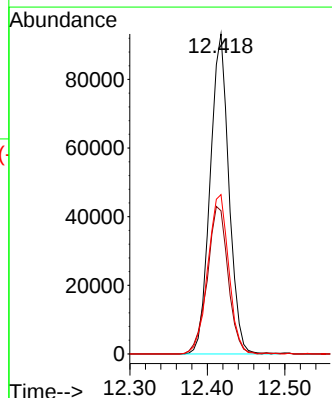
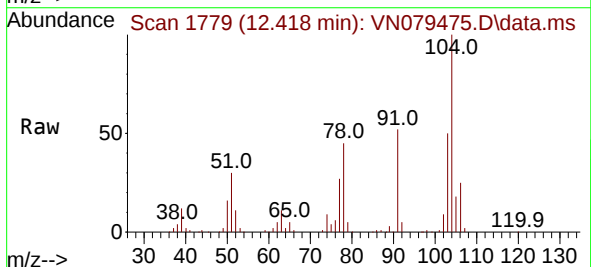
Manual Integrations
APPROVED

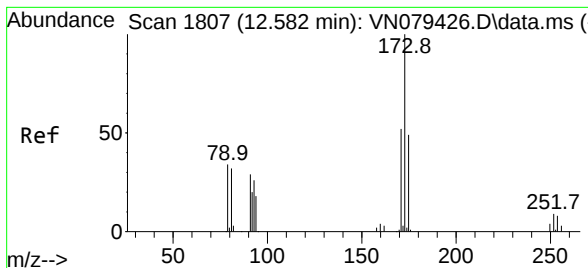
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#70
Styrene
Concen: 18.640 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion:104 Resp: 156865
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 55.2 43.2 64.8





#71

Bromoform

Concen: 17.533 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

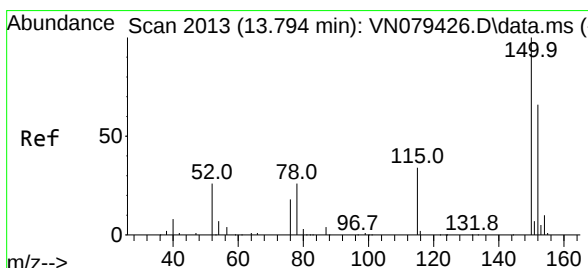
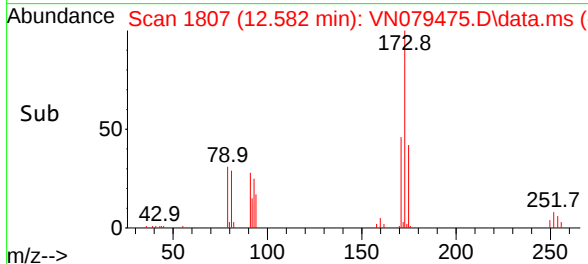
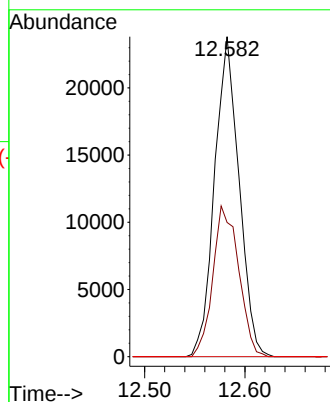
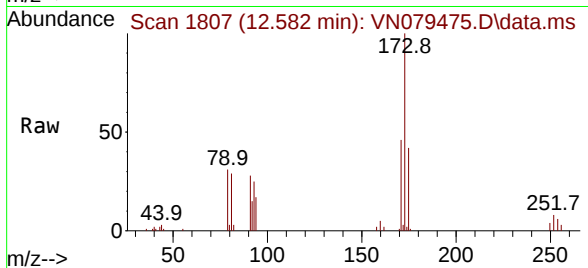
Tgt Ion:173 Resp: 4030
 Ion Ratio Lower Upper
 173 100
 175 49.7 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

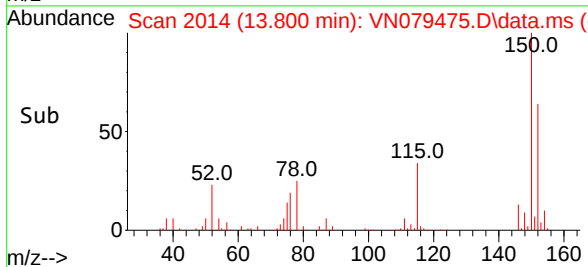
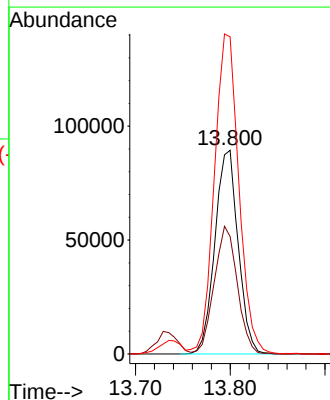
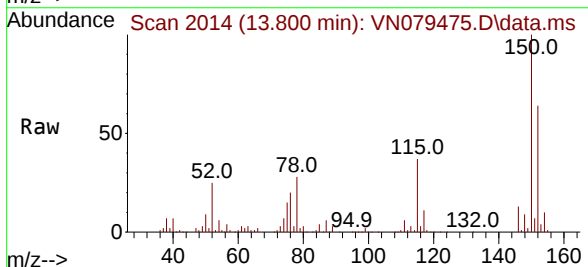
RT: 13.800 min Scan# 2014

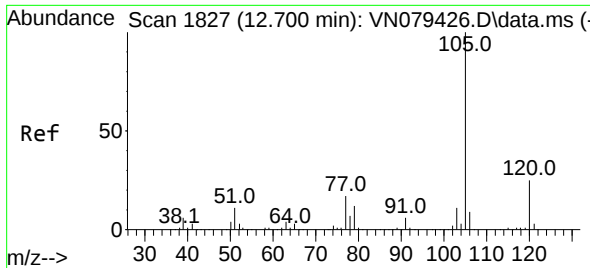
Delta R.T. 0.006 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion:152 Resp: 152717
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 165.3 0.0 355.8





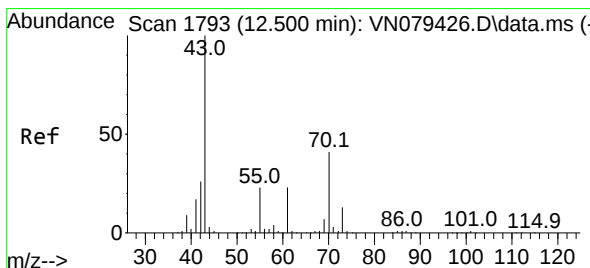
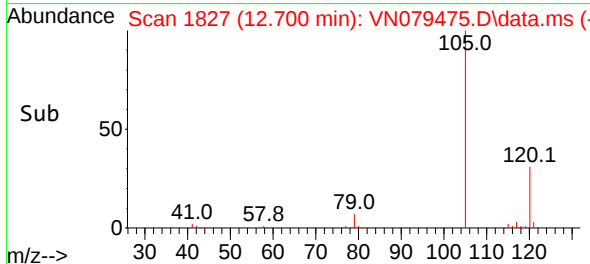
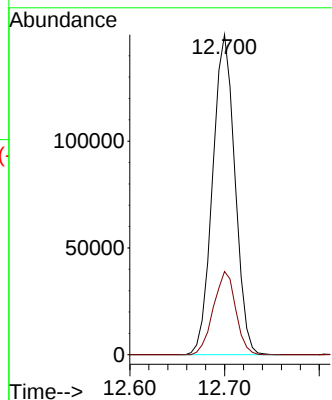
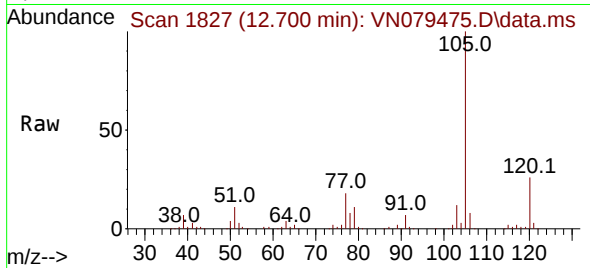
#73
Isopropylbenzene
Concen: 17.281 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion:105 Resp: 245519
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

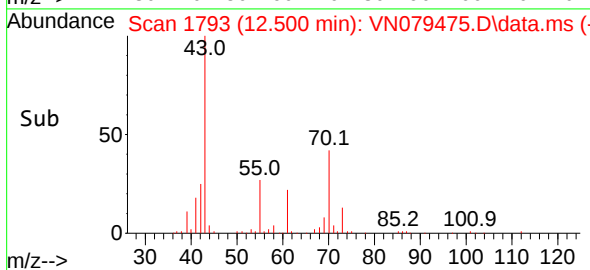
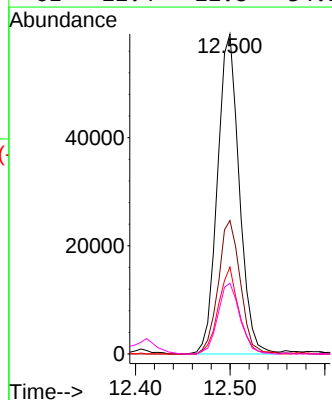
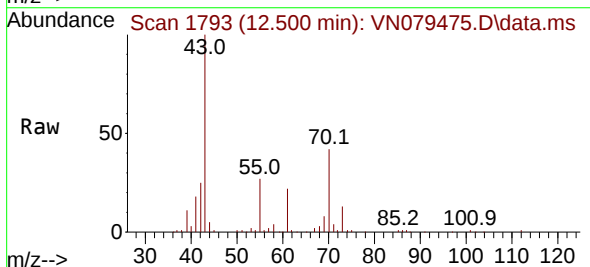
Manual Integrations
APPROVED

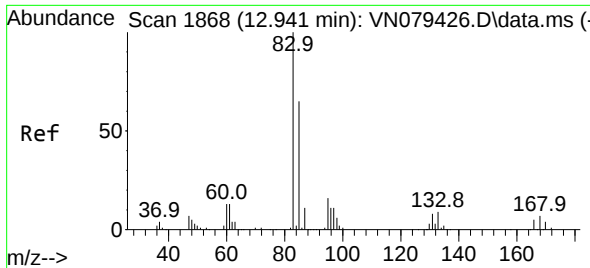
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#74
N-ethyl acetate
Concen: 16.301 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

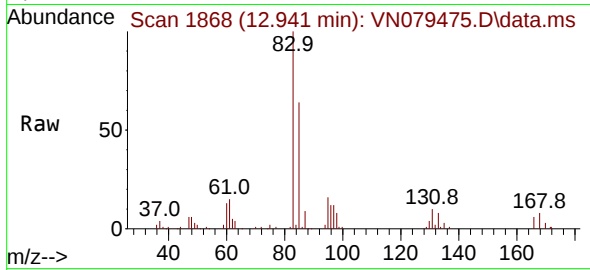
Tgt Ion: 43 Resp: 94946
Ion Ratio Lower Upper
43 100
70 42.4 43.4 65.2#
55 25.6 21.4 32.0
61 22.4 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.576 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

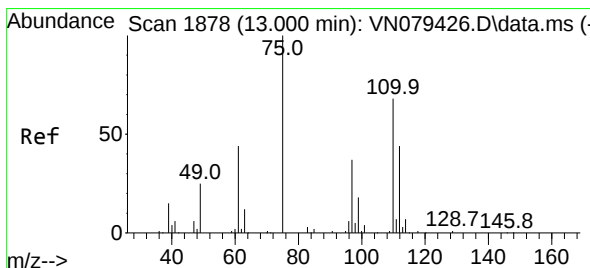
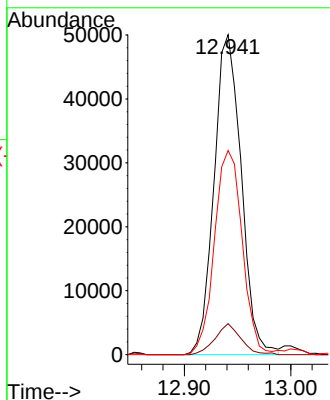
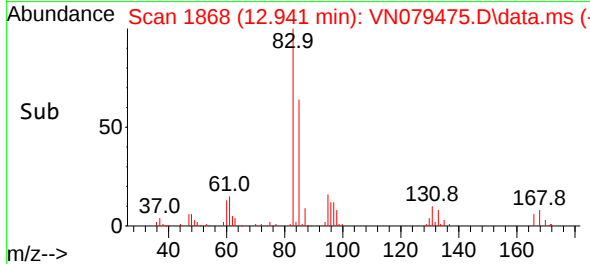
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 83 Resp: 88690
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 65.2 31.9 95.7

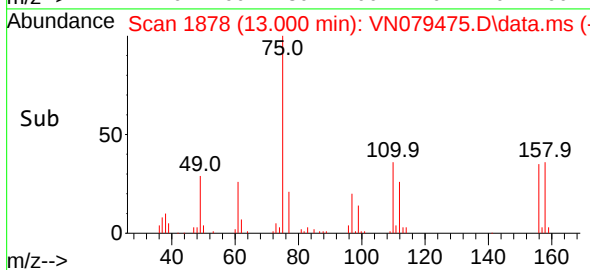
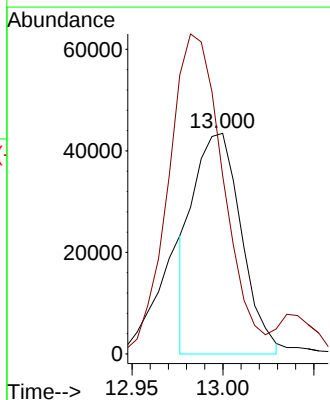
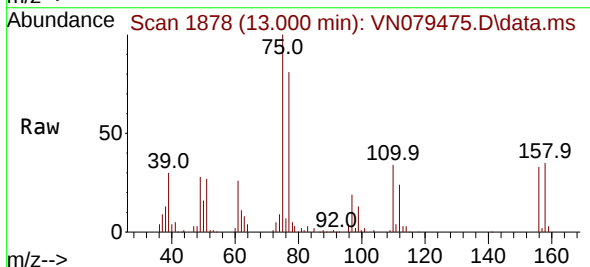
Manual Integrations
APPROVED

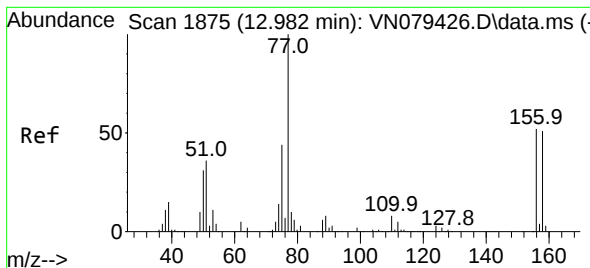
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#76
1,2,3-Trichloropropane
Concen: 18.080 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion: 75 Resp: 79611
Ion Ratio Lower Upper
75 100
77 166.4 84.5 253.5





#77

Bromobenzene

Concen: 16.447 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion:156 Resp: 5729

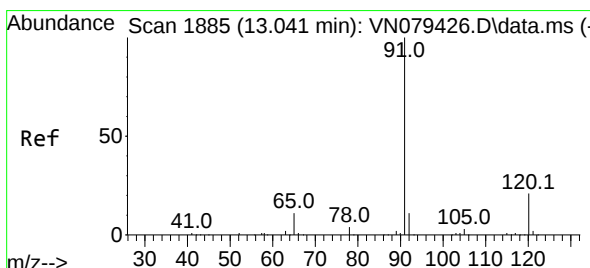
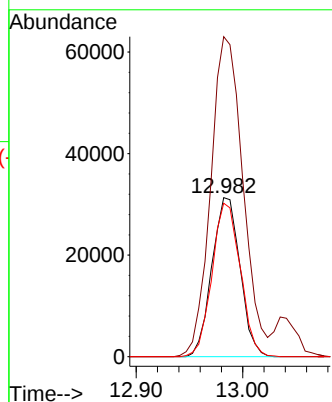
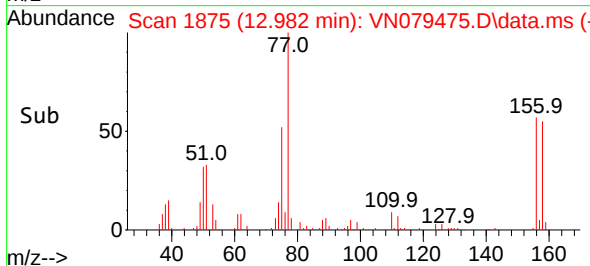
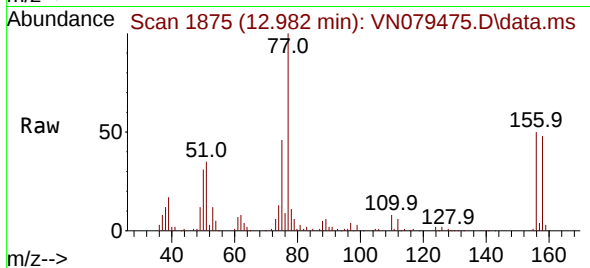
Ion	Ratio	Lower	Upper
156	100		
77	231.2	107.7	323.3
158	97.4	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#78

n-propylbenzene

Concen: 17.711 ug/l

RT: 13.041 min Scan# 1885

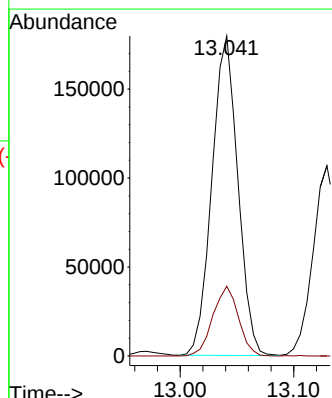
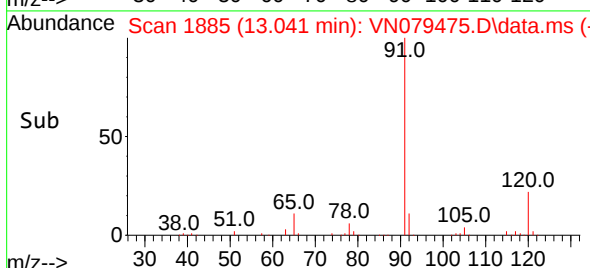
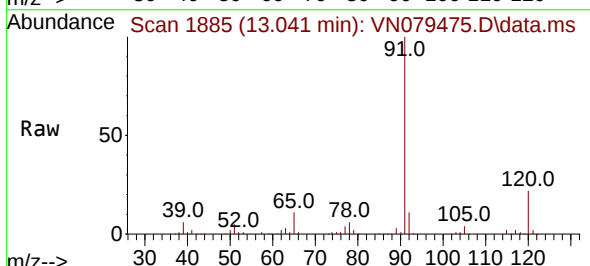
Delta R.T. -0.000 min

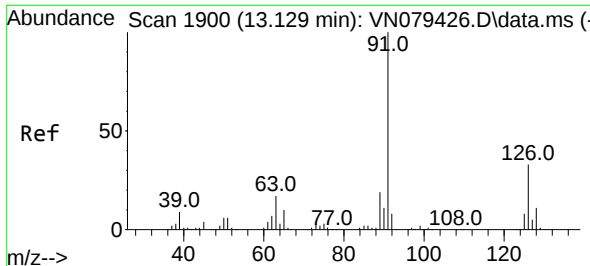
Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion: 91 Resp: 284702

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.5	34.4





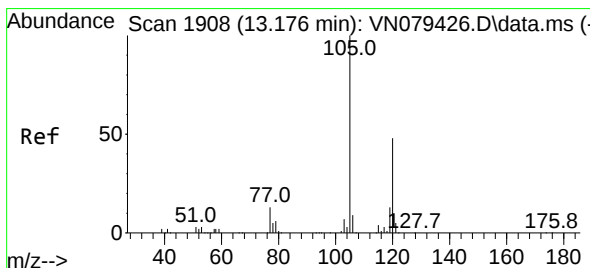
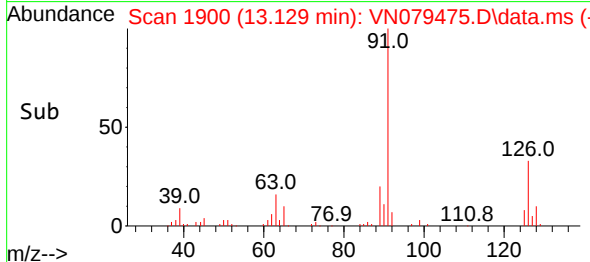
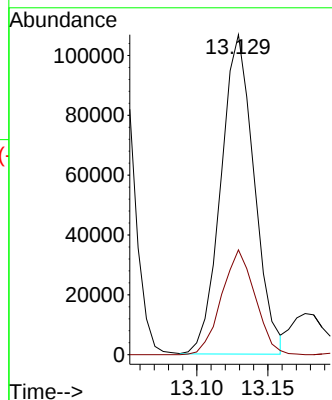
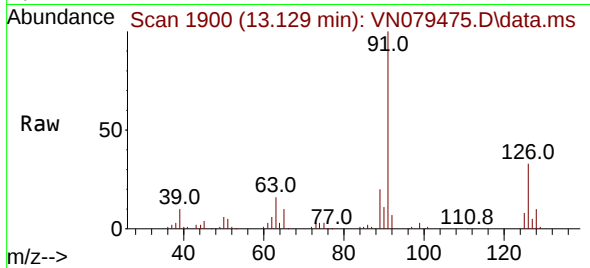
#79
2-Chlorotoluene
Concen: 16.952 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion: 91 Resp: 174375
Ion Ratio Lower Upper
91 100
126 33.0 16.3 48.8

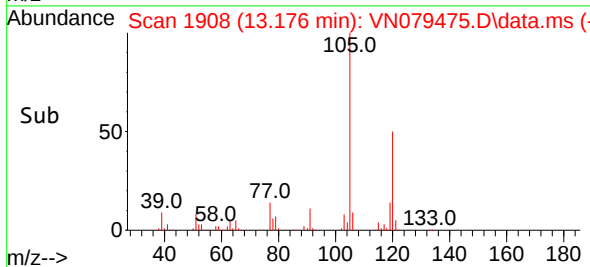
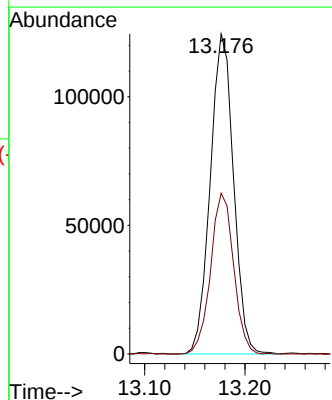
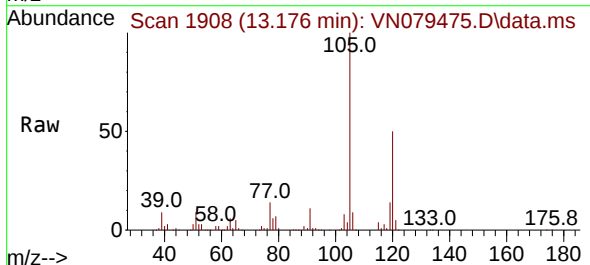
Manual Integrations
APPROVED

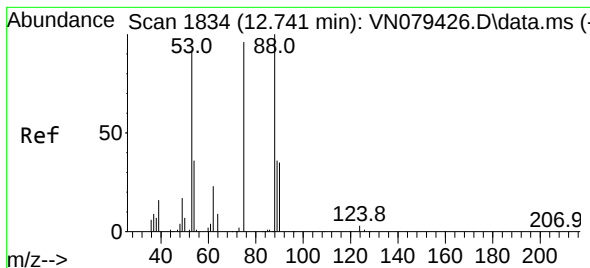
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.903 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

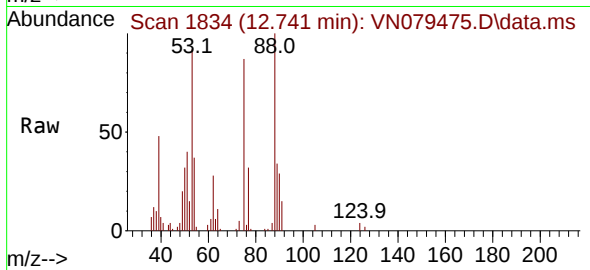
Tgt Ion:105 Resp: 200572
Ion Ratio Lower Upper
105 100
120 49.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.526 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

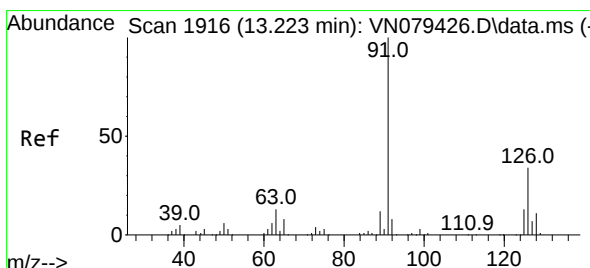
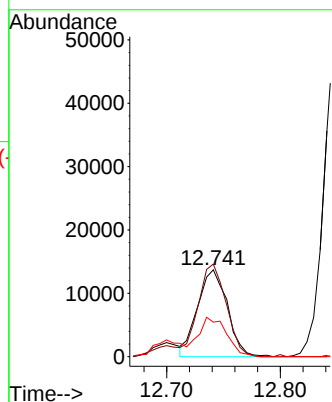
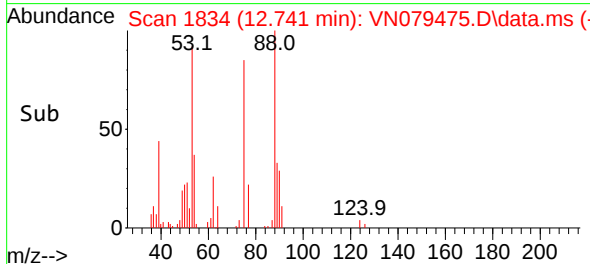
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



Tgt Ion: 75 Resp: 25079
Ion Ratio Lower Upper
75 100
53 100.1 67.4 101.2
89 42.7 38.8 58.2

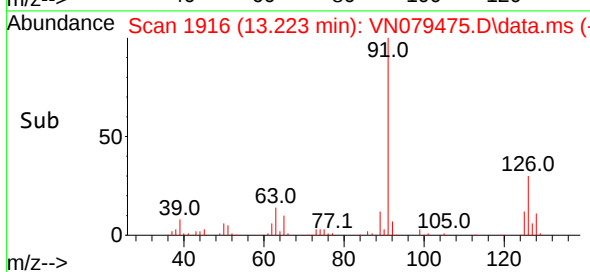
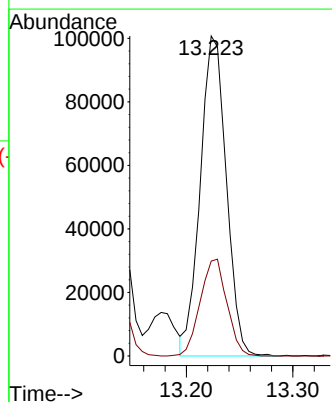
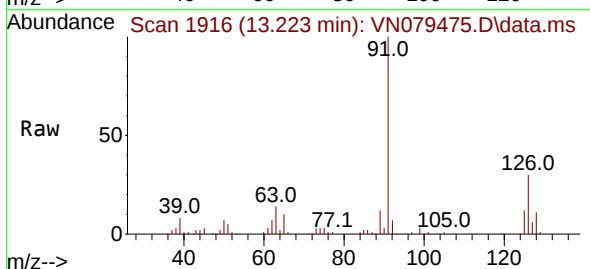
Manual Integrations
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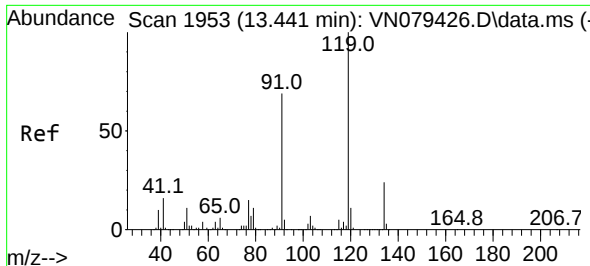
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#82
4-Chlorotoluene
Concen: 17.476 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

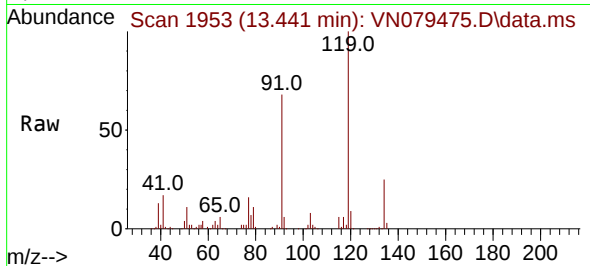
Tgt Ion: 91 Resp: 171055
Ion Ratio Lower Upper
91 100
126 31.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.476 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

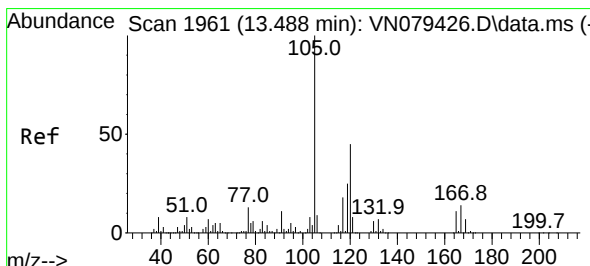
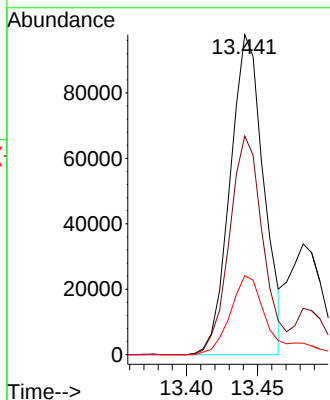
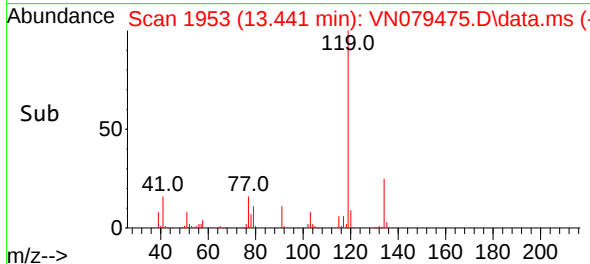
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



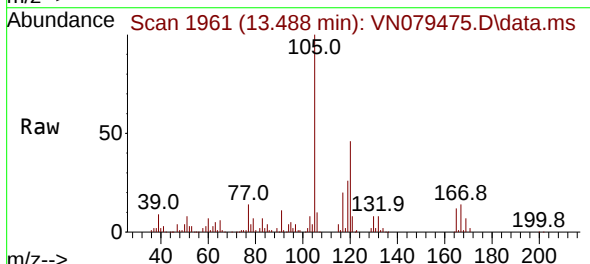
Tgt Ion:119 Resp: 16041
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 27.9 13.2 39.6

Manual Integrations
APPROVED

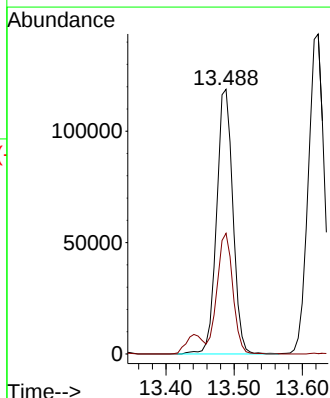
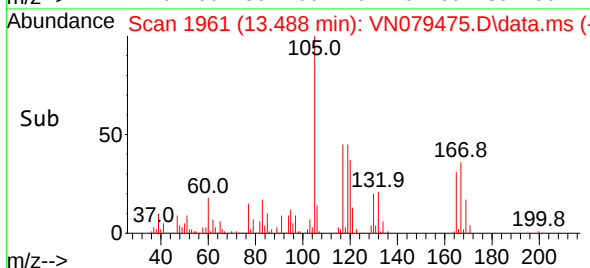
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

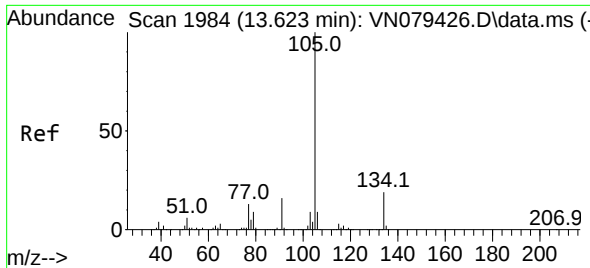


#84
1,2,4-Trimethylbenzene
Concen: 18.429 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



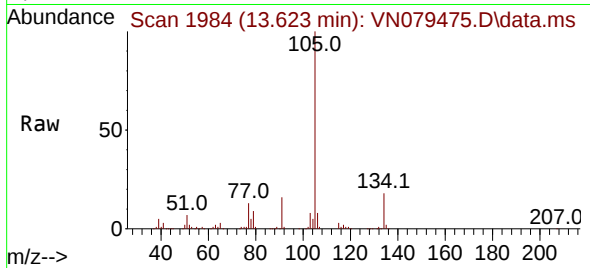
Tgt Ion:105 Resp: 197043
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.272 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24

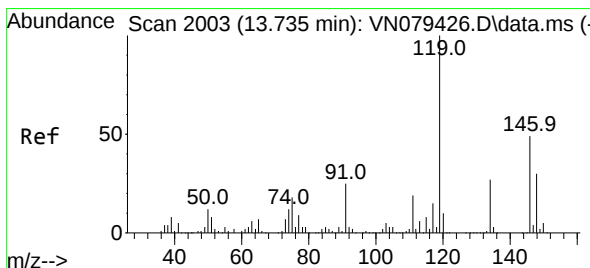
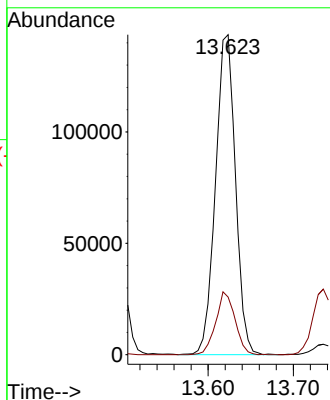
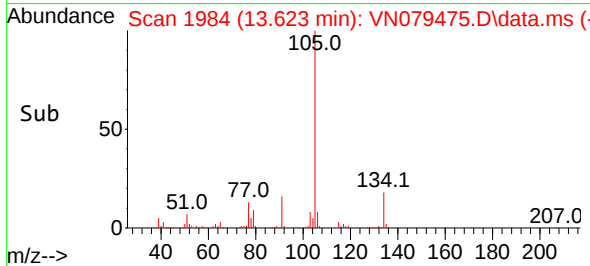
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02



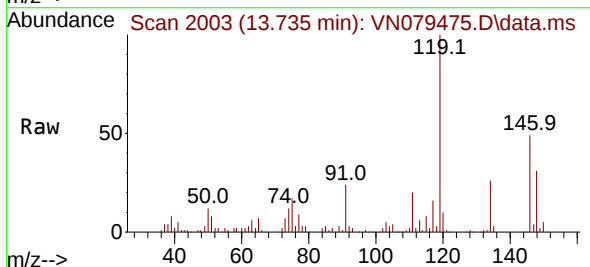
Tgt Ion:105 Resp: 233930
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.8 29.3

Manual Integrations
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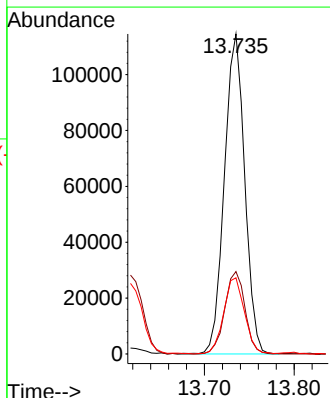
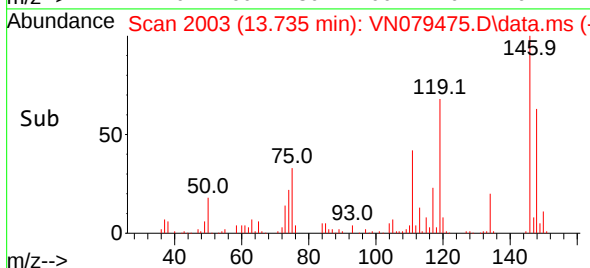
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

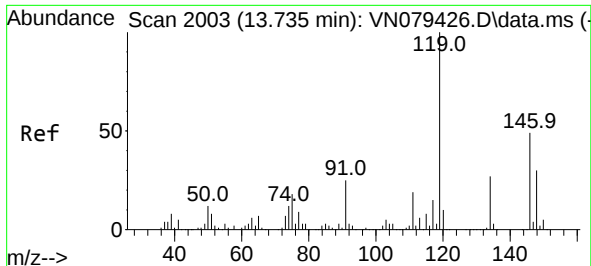


#86
 p-Isopropyltoluene
 Concen: 18.344 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079475.D
 Acq: 09 Oct 2023 16:24



Tgt Ion:119 Resp: 180174
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.594 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

Tgt Ion:146 Resp: 97214

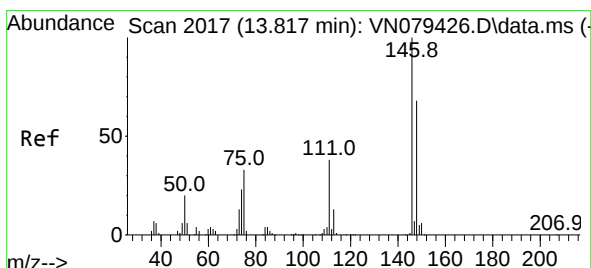
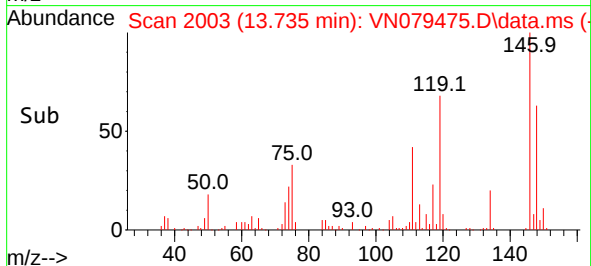
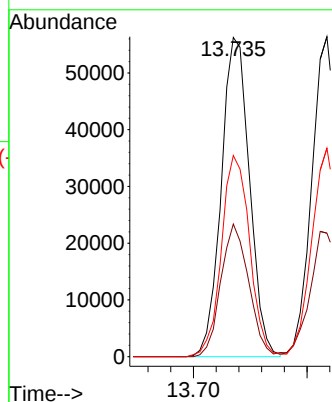
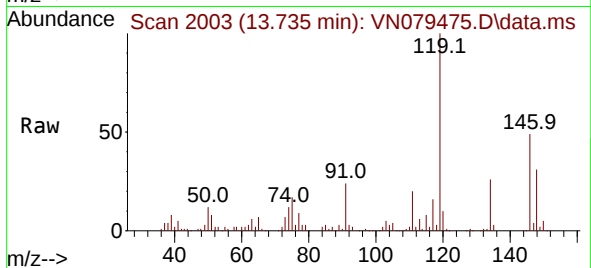
Ion	Ratio	Lower	Upper
146	100		
111	40.8	22.1	66.3
148	63.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#88

1,4-Dichlorobenzene

Concen: 16.475 ug/l

RT: 13.817 min Scan# 2017

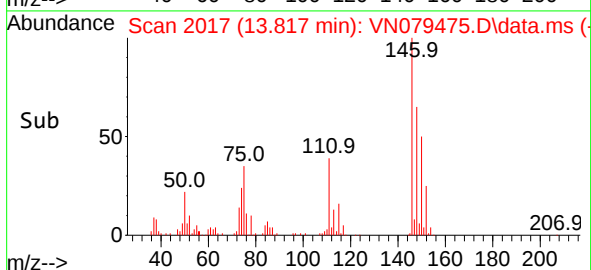
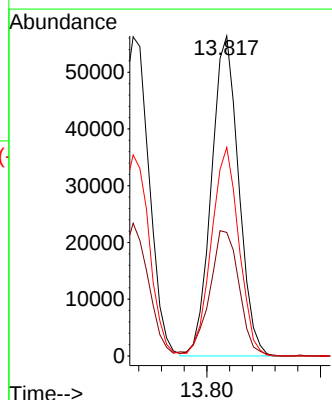
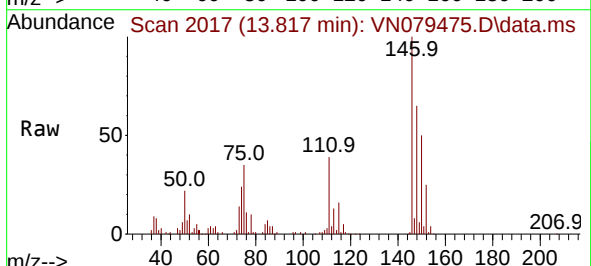
Delta R.T. -0.000 min

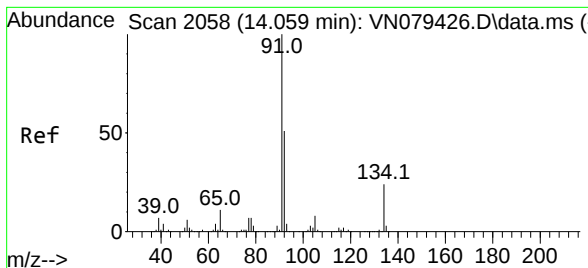
Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion:146 Resp: 93997

Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.6	61.8
148	65.6	31.6	94.8





#89

n-Butylbenzene

Concen: 17.263 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

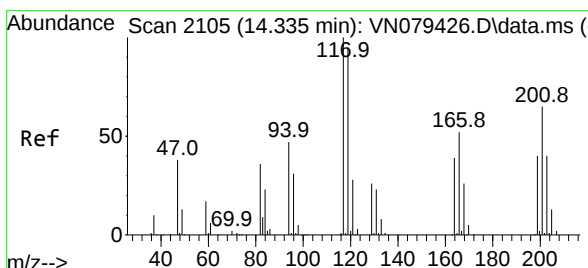
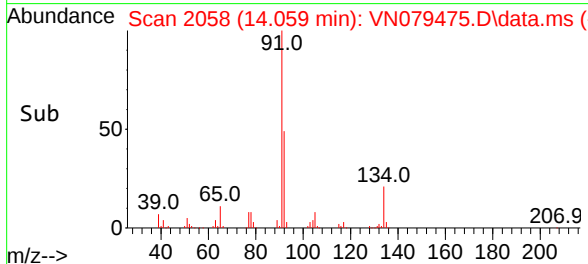
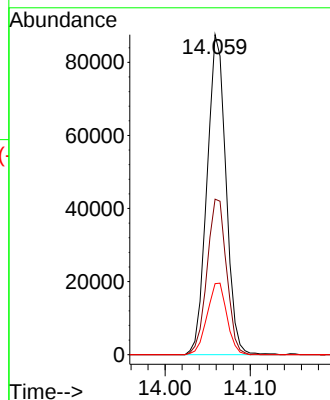
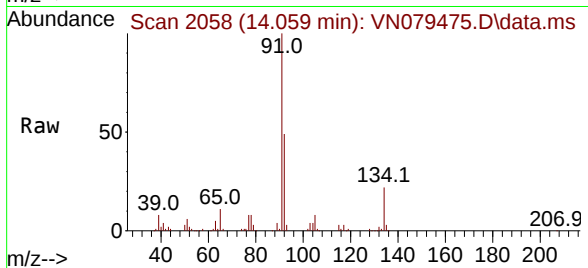
Tgt Ion:	91	Resp:	13539
Ion Ratio	Lower	Upper	
91	100		
92	50.2	26.4	79.0
134	23.4	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#90

Hexachloroethane

Concen: 19.392 ug/l

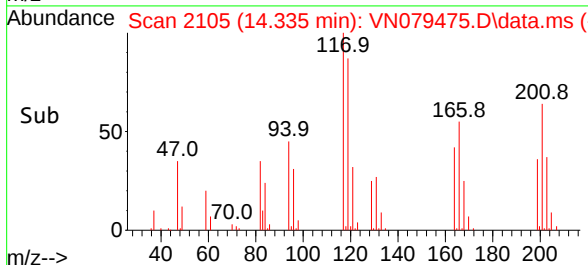
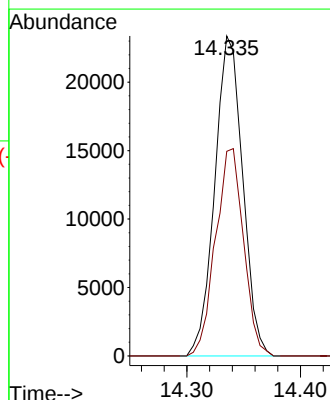
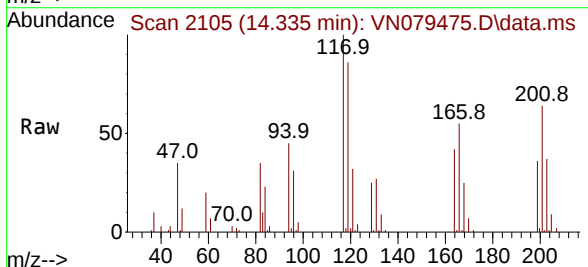
RT: 14.335 min Scan# 2105

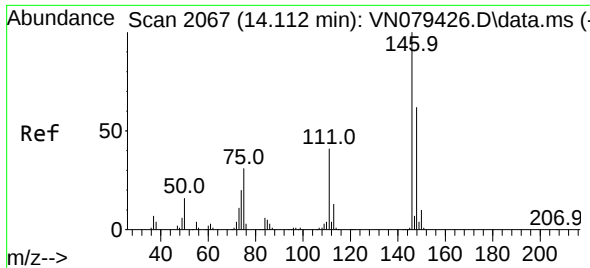
Delta R.T. 0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

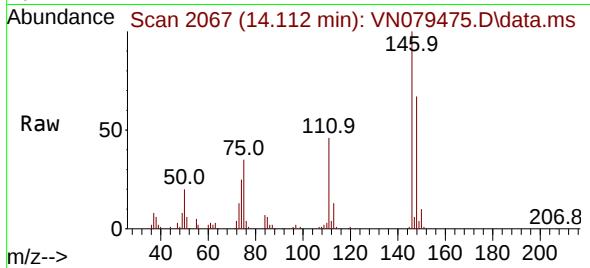
Tgt Ion:	117	Resp:	39944
Ion Ratio	Lower	Upper	
117	100		
201	65.1	29.3	88.0





#91
1,2-Dichlorobenzene
Concen: 17.438 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

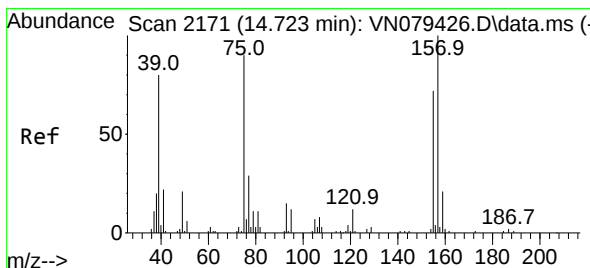
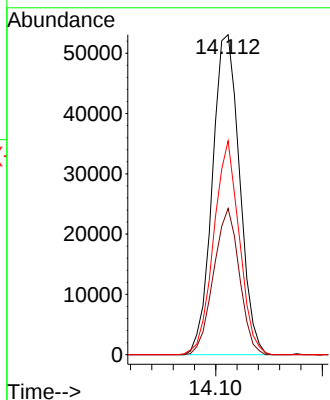
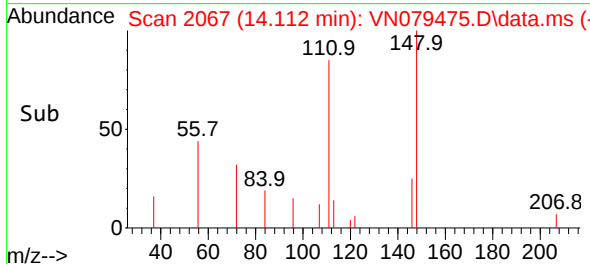
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02



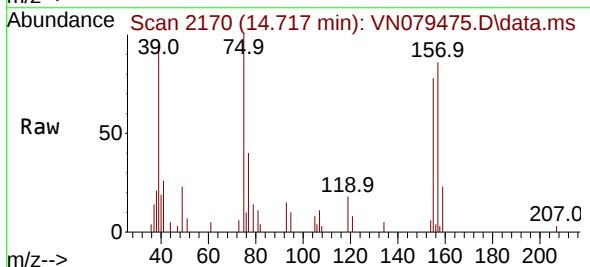
Tgt Ion:146 Resp: 9398
Ion Ratio Lower Upper
146 100
111 43.3 22.0 66.0
148 63.0 31.8 95.3

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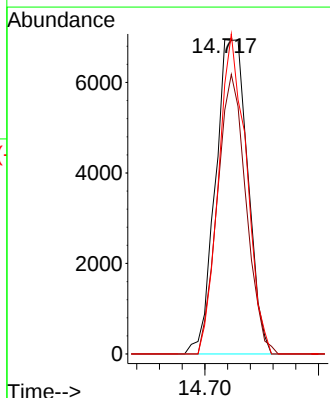
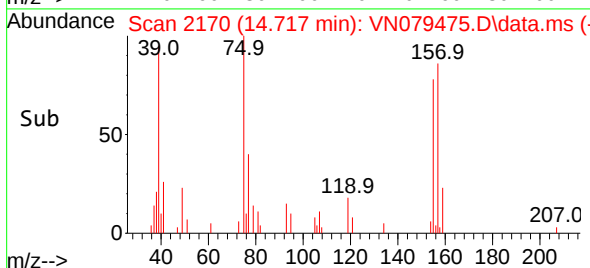
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

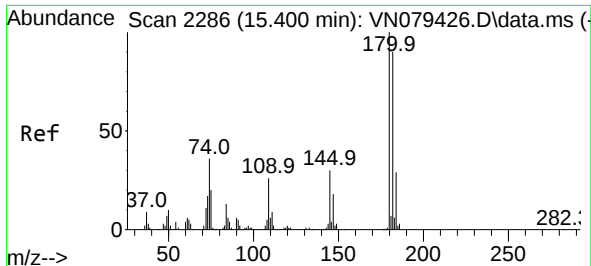


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.711 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24



Tgt Ion: 75 Resp: 13729
Ion Ratio Lower Upper
75 100
155 78.7 39.1 117.2
157 87.6 50.3 150.9





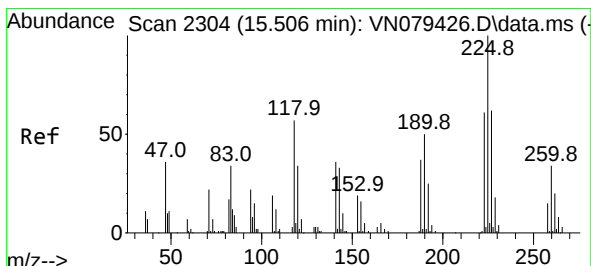
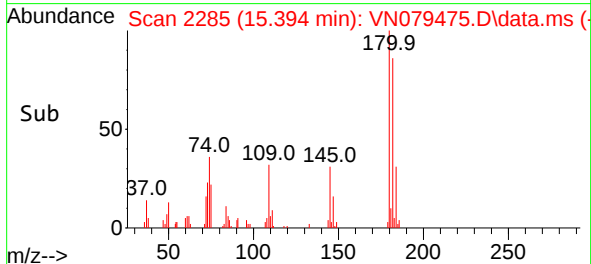
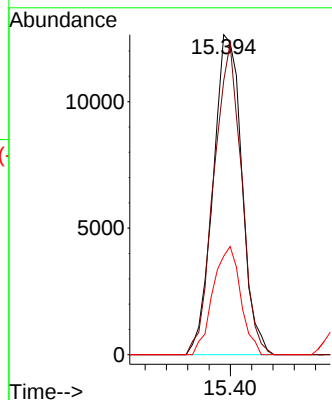
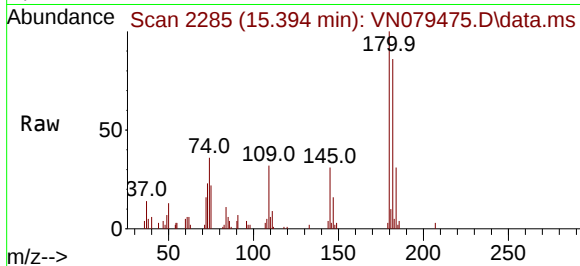
#93
1,2,4-Trichlorobenzene
Concen: 14.147 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBSD02

Tgt Ion:180 Resp: 2361
Ion Ratio Lower Upper
180 100
182 93.5 46.1 138.2
145 32.5 16.6 49.8

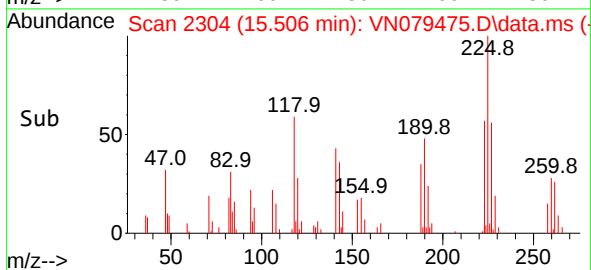
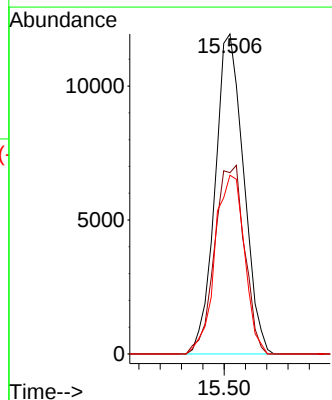
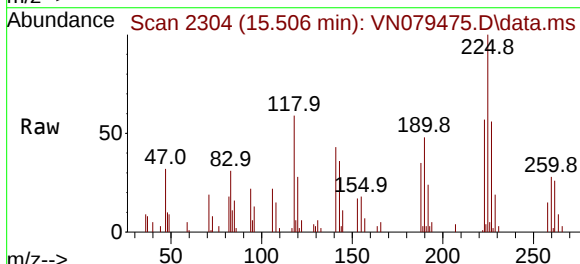
Manual Integrations
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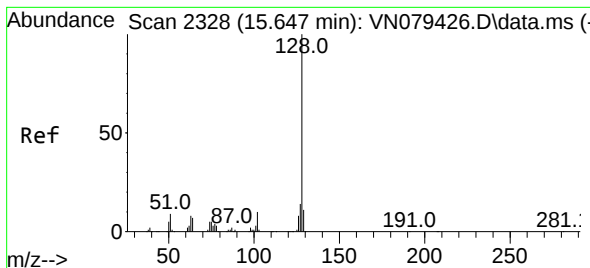
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#94
Hexachlorobutadiene
Concen: 17.089 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079475.D
Acq: 09 Oct 2023 16:24

Tgt Ion:225 Resp: 22217
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 57.7 31.9 95.9





#95

Naphthalene

Concen: 11.263 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBSD02

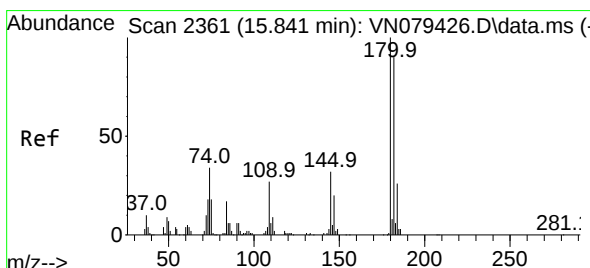
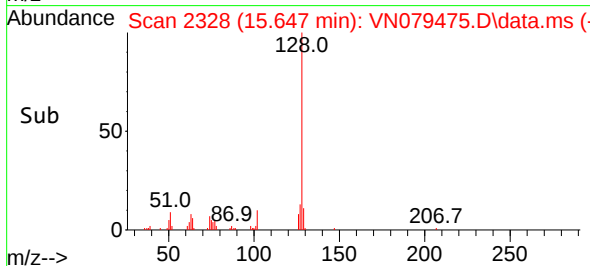
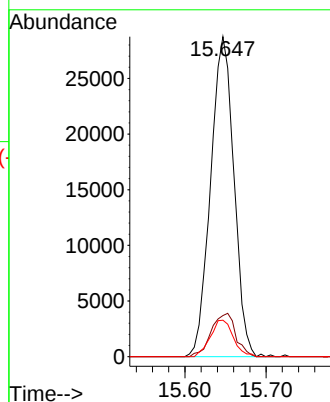
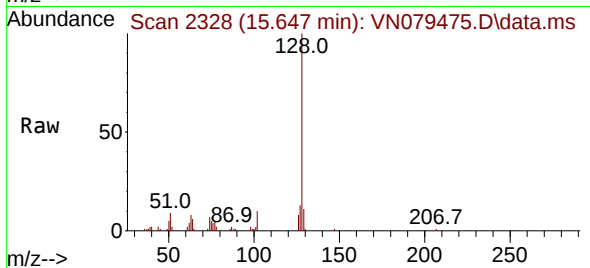
Tgt Ion:128	Resp:	57409
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.0 15.0
129	11.2	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 13.813 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079475.D

Acq: 09 Oct 2023 16:24

Tgt Ion:180	Resp:	27515
Ion Ratio	Lower	Upper
180	100	
182	93.5	46.2 138.6
145	31.7	17.5 52.6

