

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079465.D
 Acq On : 09 Oct 2023 12:23
 Operator : JC\MD
 Sample : VN1009WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 23:12:44 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	231762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	399408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	366446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	194857	51.853	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.700%			
35) Dibromofluoromethane	8.171	113	147333	51.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	10.571	98	554158	53.359	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.720%			
62) 4-Bromofluorobenzene	12.853	95	166170	49.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.720%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	61502	18.519	ug/l	96
3) Chloromethane	2.365	50	70821	17.091	ug/l	99
4) Vinyl Chloride	2.518	62	77525	17.986	ug/l	98
5) Bromomethane	2.948	94	45345	17.574	ug/l	91
6) Chloroethane	3.118	64	49800	15.325	ug/l	92
7) Trichlorofluoromethane	3.501	101	91636	18.006	ug/l	97
8) Diethyl Ether	3.965	74	33744	18.599	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	53762	18.077	ug/l	98
10) Methyl Iodide	4.589	142	52000	20.150	ug/l	97
11) Tert butyl alcohol	5.536	59	44989	79.544	ug/l	98
12) 1,1-Dichloroethene	4.348	96	47697	17.419	ug/l	89
13) Acrolein	4.177	56	52293	92.855	ug/l	95
14) Allyl chloride	5.024	41	86057	19.475	ug/l #	87
15) Acrylonitrile	5.724	53	150201	91.601	ug/l	99
16) Acetone	4.430	43	147882	99.217	ug/l	94
17) Carbon Disulfide	4.712	76	144173	16.879	ug/l	97
18) Methyl Acetate	5.024	43	123964	16.993	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	164878	18.531	ug/l	95
20) Methylene Chloride	5.277	84	61535	18.474	ug/l #	84
21) trans-1,2-Dichloroethene	5.789	96	56025	17.518	ug/l #	83
22) Diisopropyl ether	6.677	45	186666	18.838	ug/l #	91
23) Vinyl Acetate	6.612	43	517186	92.790	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	107319	17.697	ug/l	95
25) 2-Butanone	7.488	43	202865	91.703	ug/l #	79
26) 2,2-Dichloropropane	7.488	77	85521	18.453	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	63960	18.409	ug/l	86
28) Bromochloromethane	7.818	49	55615	19.275	ug/l #	75
29) Tetrahydrofuran	7.841	42	124630	87.109	ug/l #	76
30) Chloroform	7.971	83	111087	18.130	ug/l	94
31) Cyclohexane	8.259	56	92777	17.405	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	95118	18.446	ug/l	96
36) 1,1-Dichloropropene	8.371	75	79077	18.356	ug/l	94
37) Ethyl Acetate	7.565	43	79688	18.590	ug/l #	90
38) Carbon Tetrachloride	8.371	117	80164	18.588	ug/l	96
39) Methylcyclohexane	9.600	83	79163	19.127	ug/l #	86
40) Benzene	8.612	78	244016	19.073	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42730	18.961	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	87679	18.861	ug/l	97
43) Isopropyl Acetate	8.694	43	141550	18.849	ug/l #	87
44) Trichloroethene	9.359	130	55631	18.475	ug/l	94
45) 1,2-Dichloropropane	9.624	63	65119	19.318	ug/l	99
46) Dibromomethane	9.712	93	43712	20.022	ug/l	96
47) Bromodichloromethane	9.888	83	87847	19.561	ug/l	99
48) Methyl methacrylate	9.688	41	60010	18.648	ug/l #	83
49) 1,4-Dioxane	9.700	88	23695	399.742	ug/l #	77
51) 4-Methyl-2-Pentanone	10.447	43	398268	93.947	ug/l	88
52) Toluene	10.635	92	144911	19.242	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	88620	19.582	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	98477	19.878	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	58682	19.409	ug/l	97
56) Ethyl methacrylate	10.882	69	79682	19.180	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	105353	20.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	150666	94.697	ug/l	91
59) 2-Hexanone	11.200	43	289864	94.755	ug/l	87
60) Dibromochloromethane	11.365	129	58824	19.359	ug/l	98
61) 1,2-Dibromoethane	11.471	107	57673	19.222	ug/l	100
64) Tetrachloroethene	11.106	164	45780	18.160	ug/l	96
65) Chlorobenzene	11.894	112	147731	18.103	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	56319	18.848	ug/l	97
67) Ethyl Benzene	11.965	91	262613	18.514	ug/l	98
68) m/p-Xylenes	12.076	106	199191	38.649	ug/l	96
69) o-Xylene	12.400	106	94737	18.691	ug/l	93
70) Styrene	12.418	104	151075	18.870	ug/l	99
71) Bromoform	12.582	173	38678	17.686	ug/l #	99
73) Isopropylbenzene	12.700	105	236622	17.838	ug/l	99
74) N-amyl acetate	12.500	43	97256	17.884	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	86461	19.452	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	76780m	18.677	ug/l	
77) Bromobenzene	12.982	156	55015	16.915	ug/l	90
78) n-propylbenzene	13.041	91	280311	18.678	ug/l	97
79) 2-Chlorotoluene	13.129	91	172949	18.009	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	199175	19.042	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28687	20.247	ug/l #	84
82) 4-Chlorotoluene	13.223	91	167506	18.330	ug/l	99
83) tert-Butylbenzene	13.441	119	160464	18.724	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	195991	19.634	ug/l	99
85) sec-Butylbenzene	13.618	105	223727	18.716	ug/l	100
86) p-Isopropyltoluene	13.735	119	180311	19.663	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	92956	18.019	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	92155	17.301	ug/l	99
89) n-Butylbenzene	14.059	91	140231	19.150	ug/l	96
90) Hexachloroethane	14.335	117	38248	19.916	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	91352	18.154	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	12430	16.205	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	24159	15.502	ug/l	97
94) Hexachlorobutadiene	15.506	225	22494	18.532	ug/l	98
95) Naphthalene	15.647	128	61358	12.893	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	27718	14.904	ug/l	100

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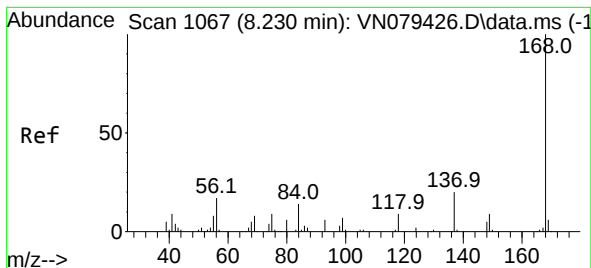
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/10/2023

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Response via : Initial Calibration

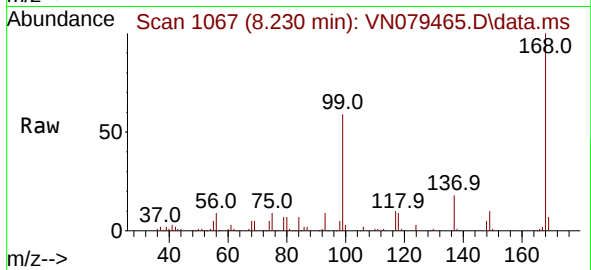
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

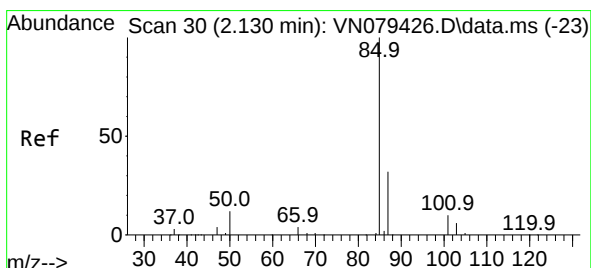
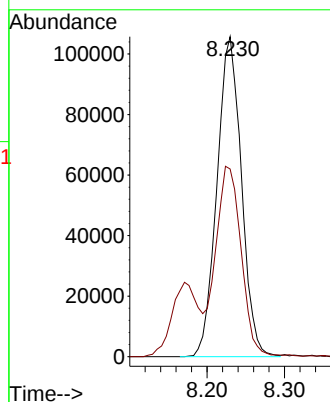
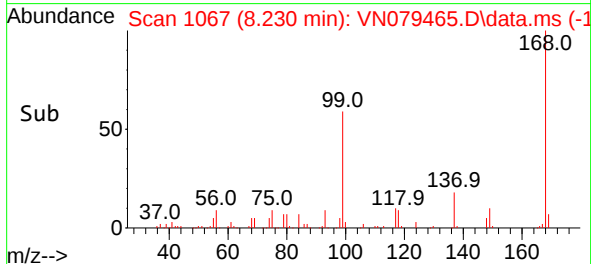
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion:168 Resp: 231762
Ion Ratio Lower Upper
168 100
99 58.2 53.0 79.6

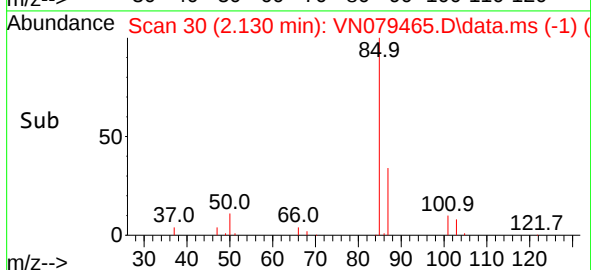
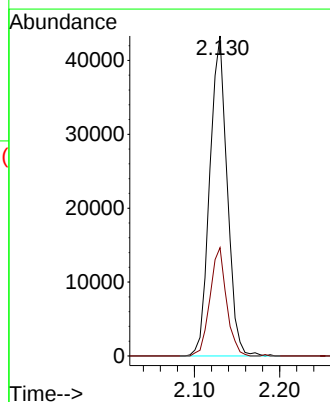
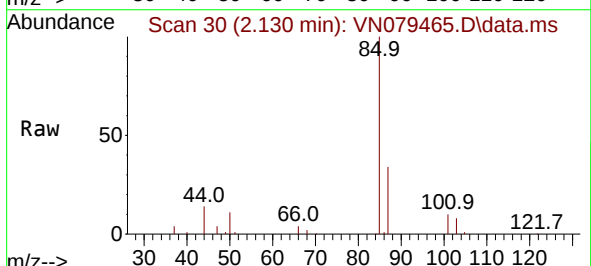
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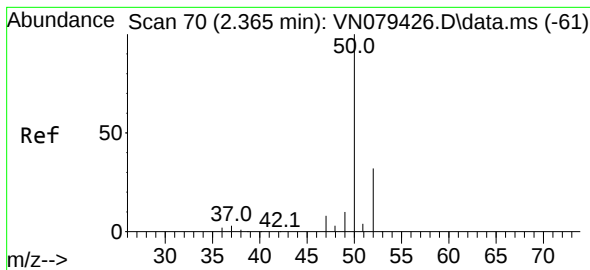
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#2
Dichlorodifluoromethane
Concen: 18.519 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion: 85 Resp: 61502
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3

Chloromethane

Concen: 17.091 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 50 Resp: 7082

Ion Ratio Lower Upper

50 100

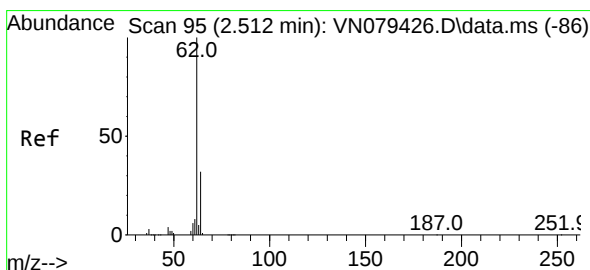
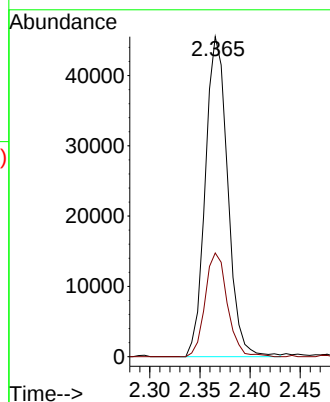
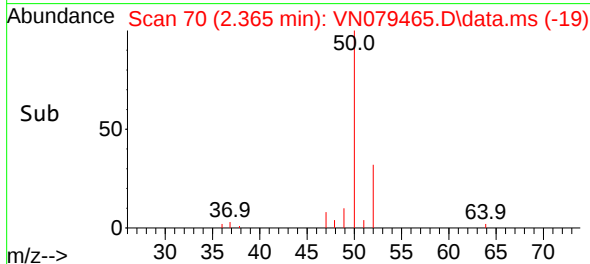
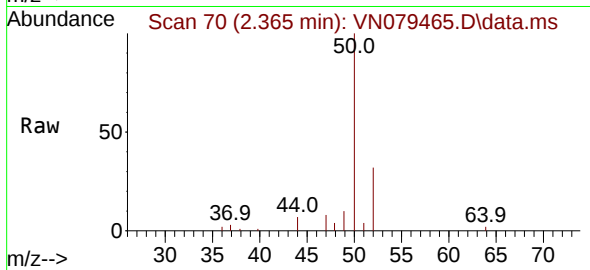
52 32.4 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 10/10/2023



#4

Vinyl Chloride

Concen: 17.986 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN079465.D

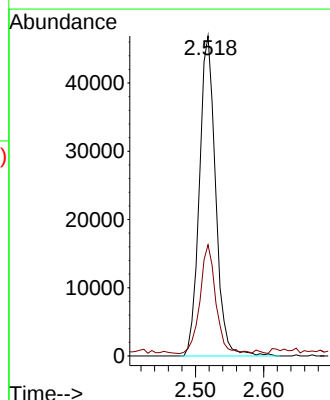
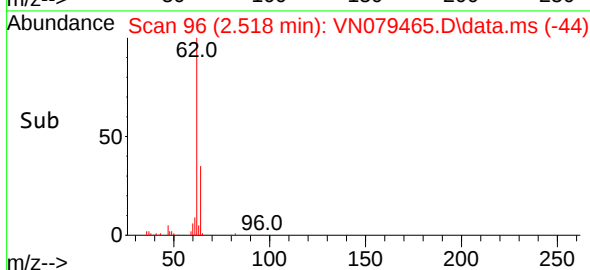
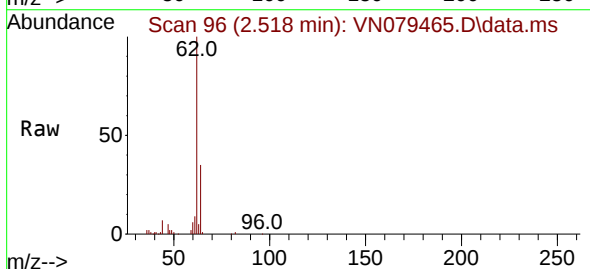
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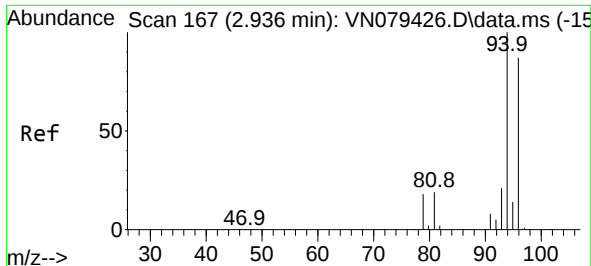
Tgt Ion: 62 Resp: 77525

Ion Ratio Lower Upper

62 100

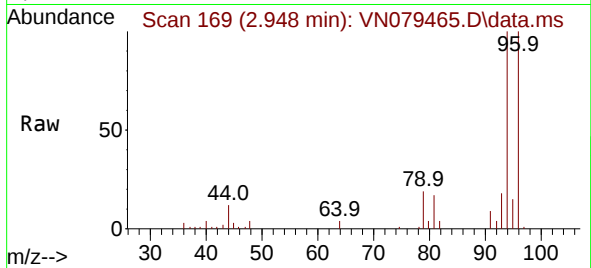
64 34.0 26.2 39.2





#5
Bromomethane
Concen: 17.574 ug/l
RT: 2.948 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

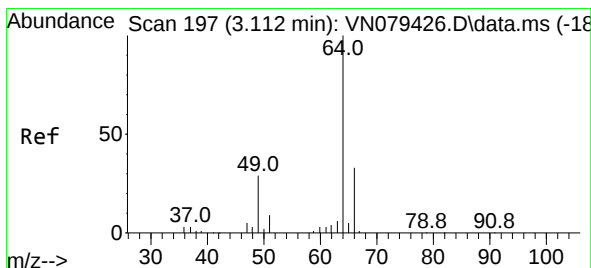
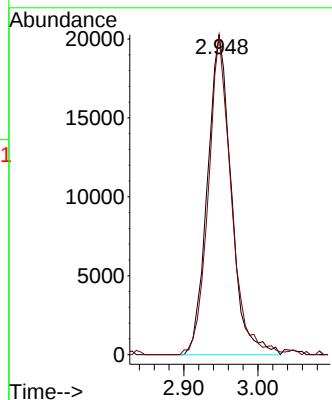
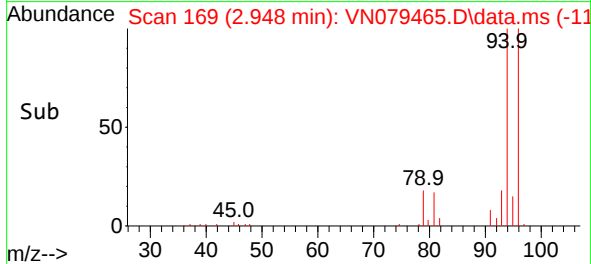
Instrument :
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Tgt Ion: 94 Resp: 4534
Ion Ratio Lower Upper
94 100
96 99.6 73.1 109.7

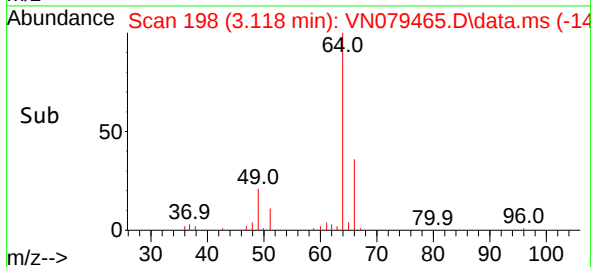
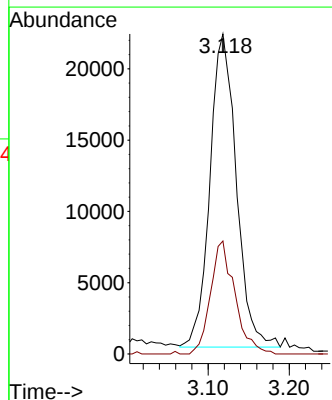
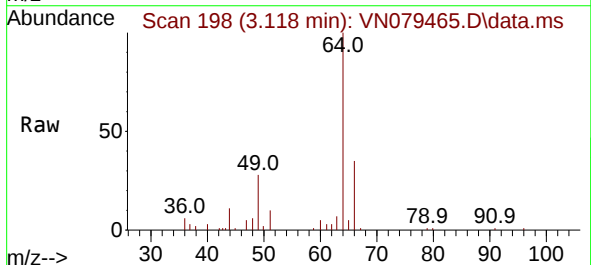
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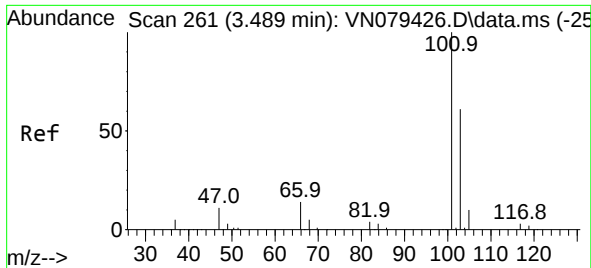
Reviewed By :John Carlone 10/10/2023
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#6
Chloroethane
Concen: 15.325 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

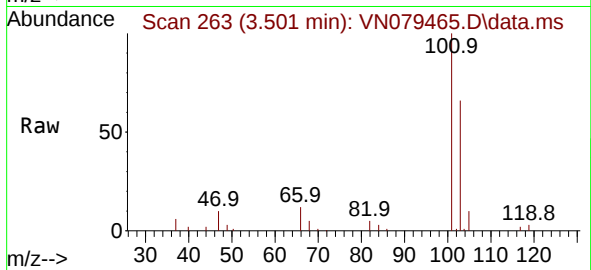
Tgt Ion: 64 Resp: 49800
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 18.006 ug/l
RT: 3.501 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

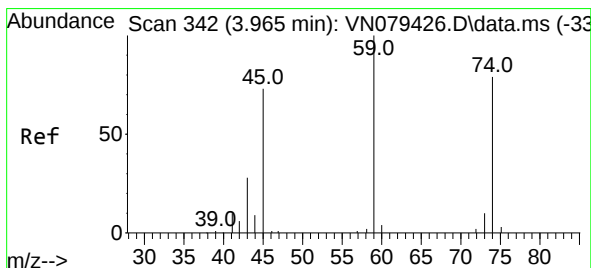
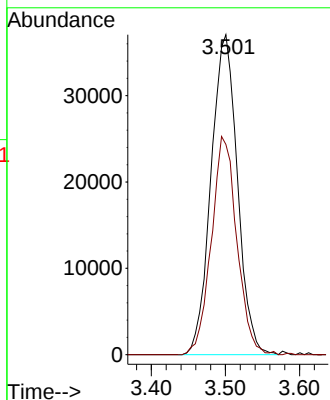
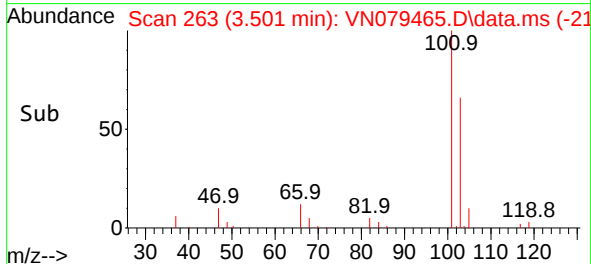
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 91630
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1

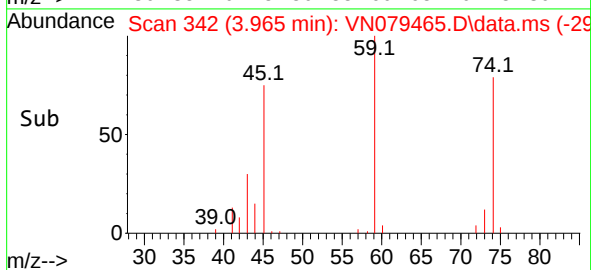
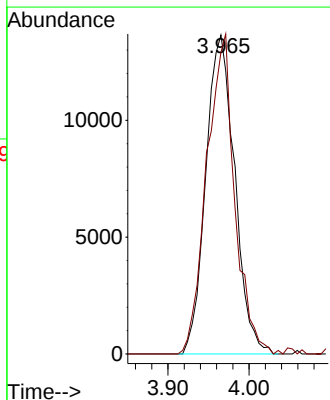
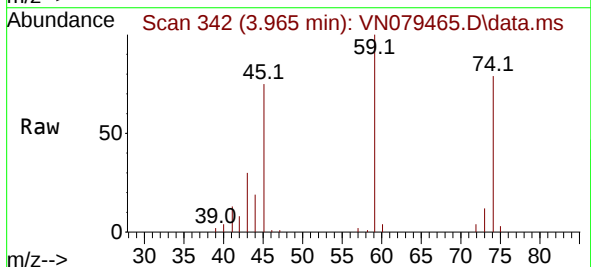
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#8
Diethyl Ether
Concen: 18.599 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

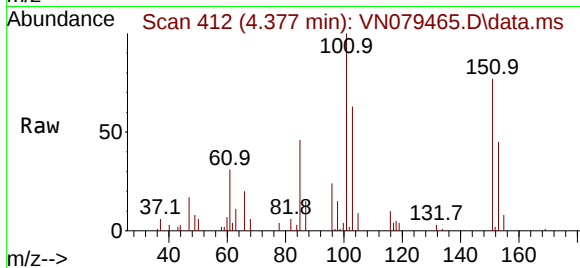
Tgt Ion: 74 Resp: 33744
Ion Ratio Lower Upper
74 100
45 97.5 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.077 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

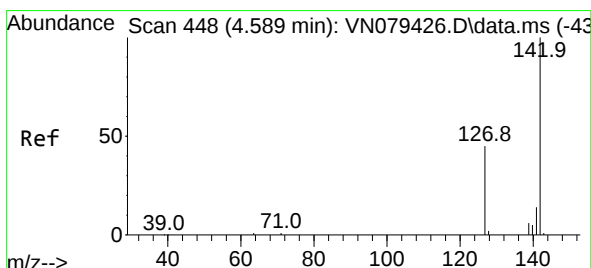
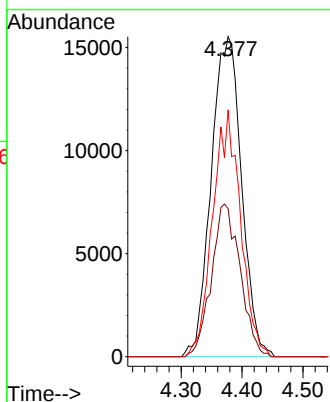
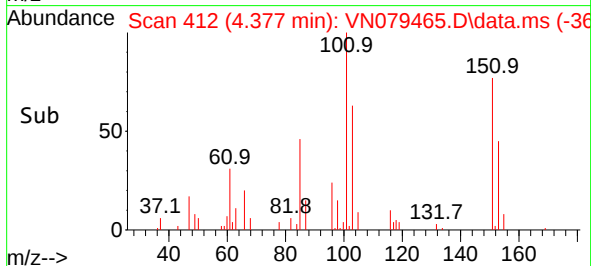
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



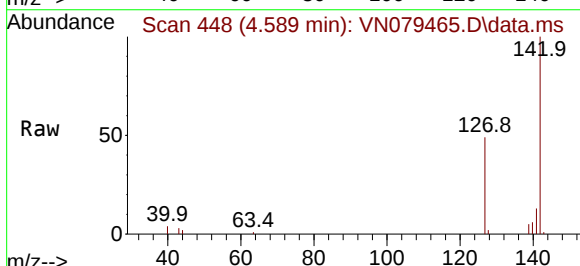
Tgt Ion:101 Resp: 53762
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 70.4 57.6 86.4

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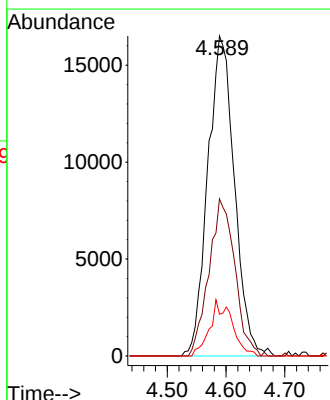
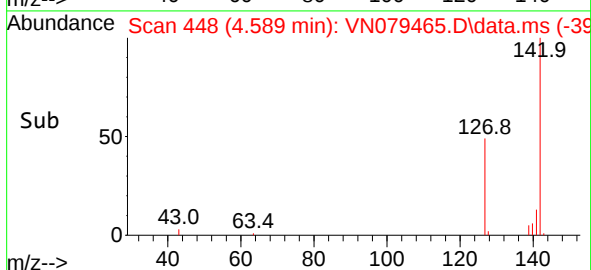
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#10
Methyl Iodide
Concen: 20.150 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



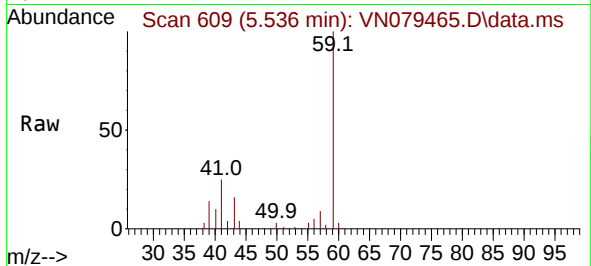
Tgt Ion:142 Resp: 52000
Ion Ratio Lower Upper
142 100
127 49.1 37.6 56.4
141 13.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 79.544 ug/l
RT: 5.536 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

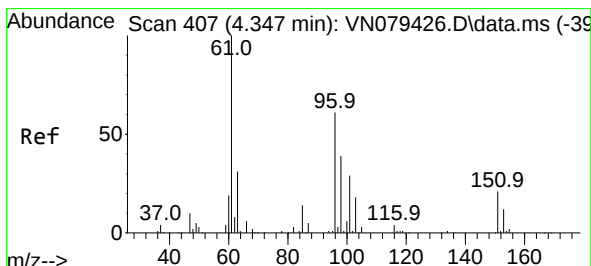
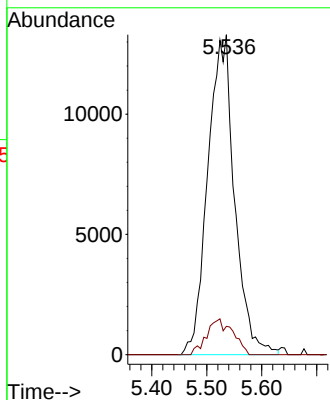
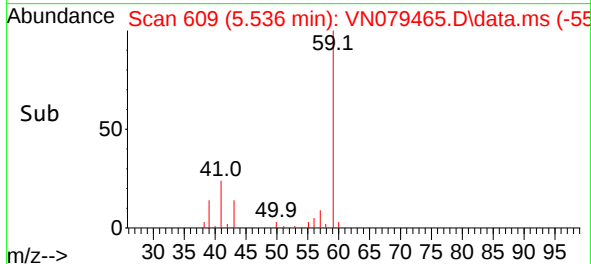
Instrument :
MSVOA_N
Client SampleId :
VN1009WBS02



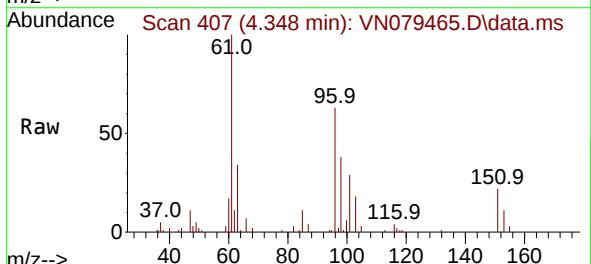
Tgt Ion: 59 Resp: 44989
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

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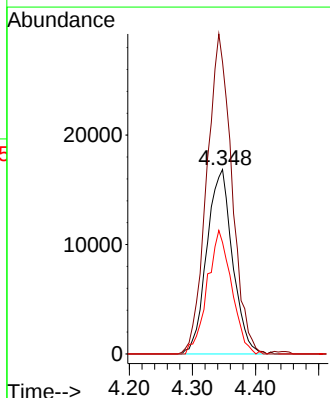
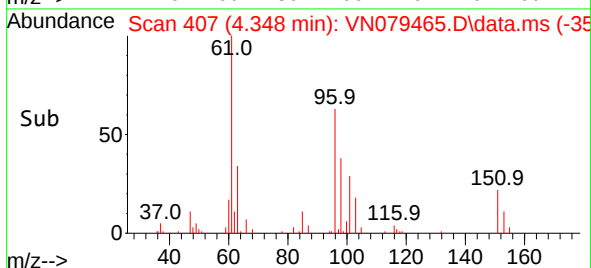
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

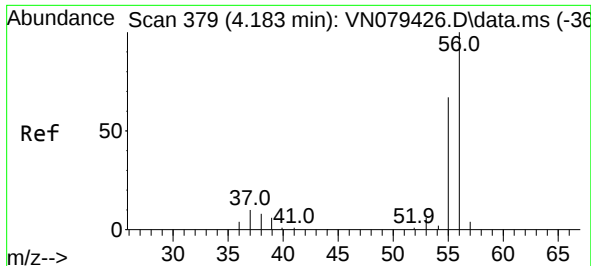


#12
1,1-Dichloroethene
Concen: 17.419 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion: 96 Resp: 47697
Ion Ratio Lower Upper
96 100
61 158.4 112.7 169.1
98 60.4 51.2 76.8





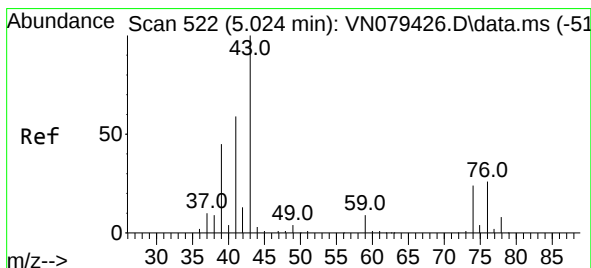
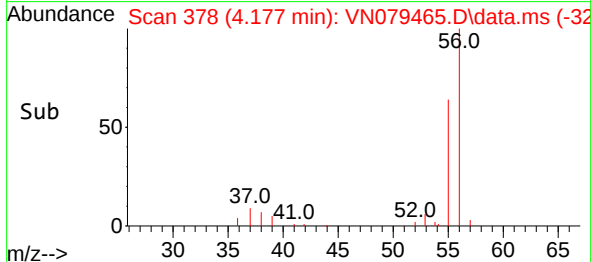
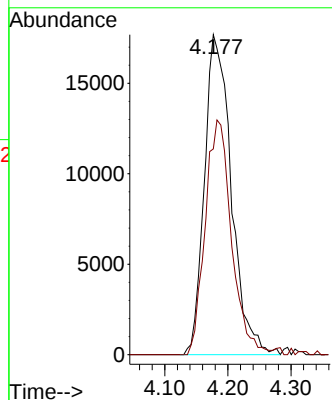
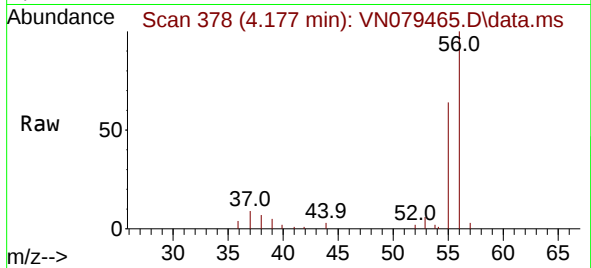
#13
Acrolein
Concen: 92.855 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion: 56 Resp: 5229
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7

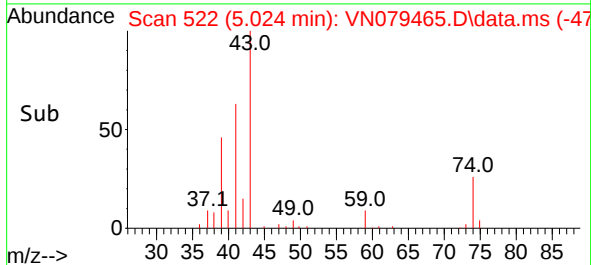
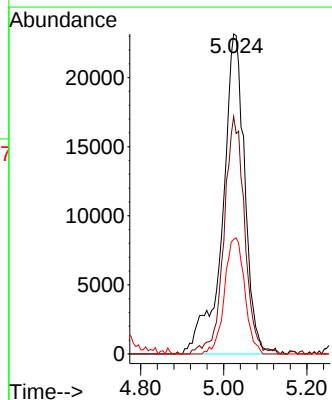
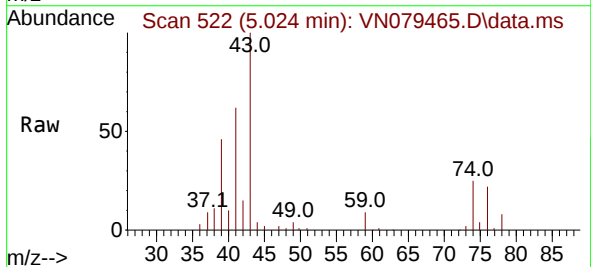
Manual Integrations
APPROVED

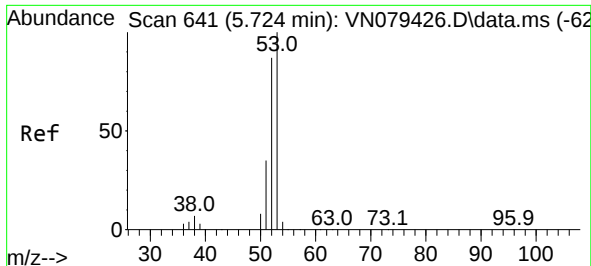
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#14
Allyl chloride
Concen: 19.475 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

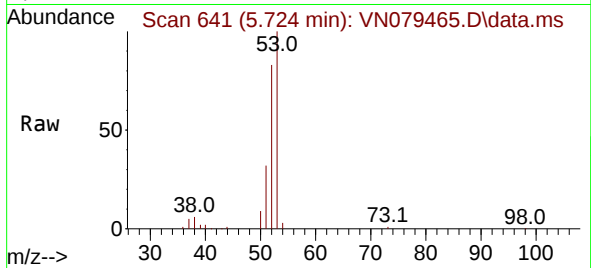
Tgt Ion: 41 Resp: 86057
Ion Ratio Lower Upper
41 100
39 68.8 58.8 88.2
76 32.9 39.1 58.7#





#15
Acrylonitrile
Concen: 91.601 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

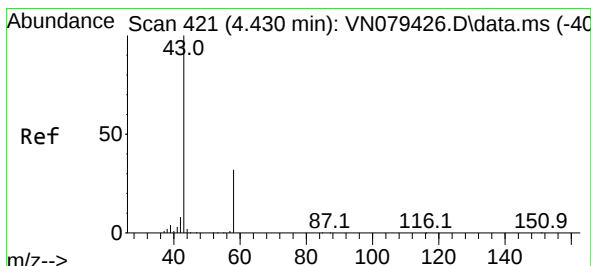
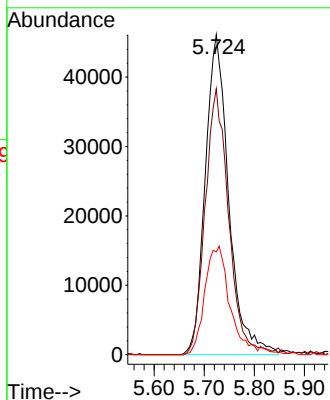
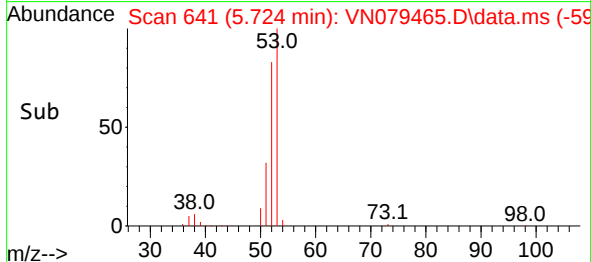
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 53 Resp: 15020
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 35.8 28.9 43.3

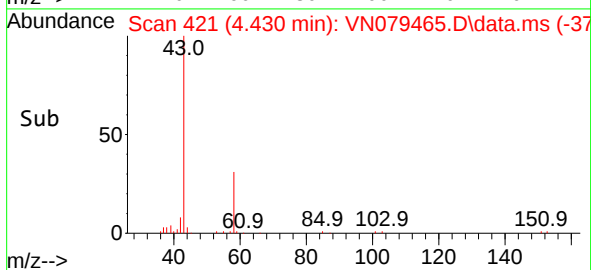
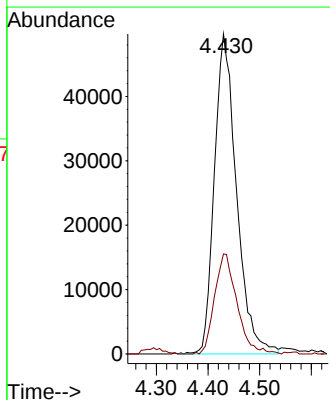
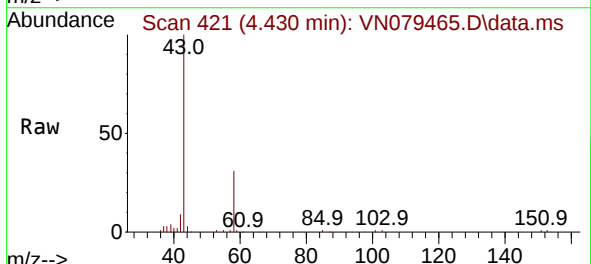
Manual Integrations
APPROVED

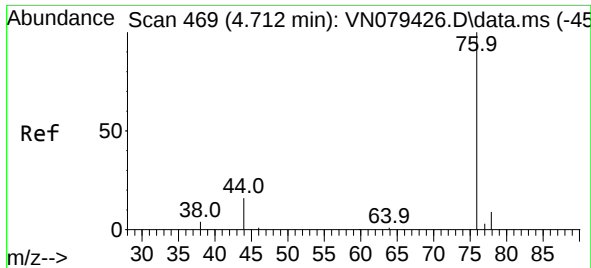
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#16
Acetone
Concen: 99.217 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

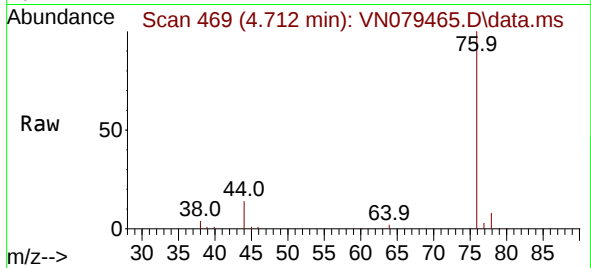
Tgt Ion: 43 Resp: 147882
Ion Ratio Lower Upper
43 100
58 31.2 28.0 42.0





#17
Carbon Disulfide
Concen: 16.879 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

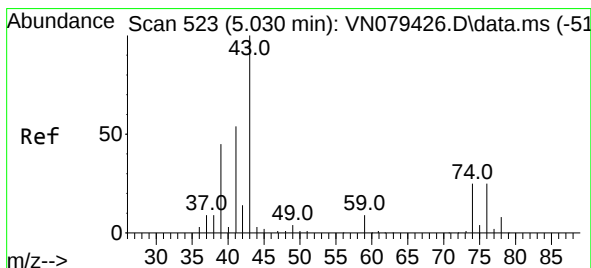
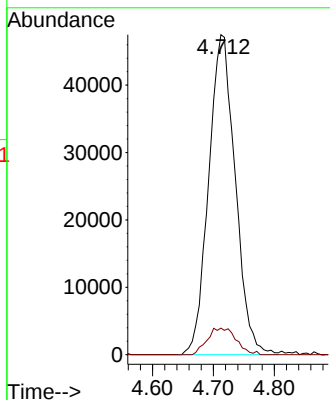
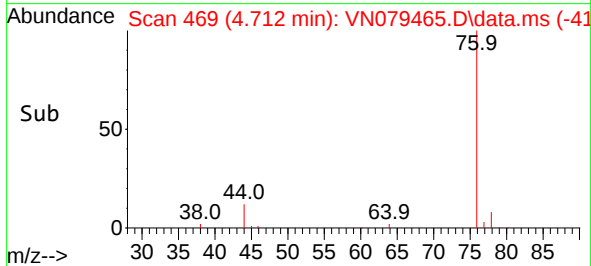
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



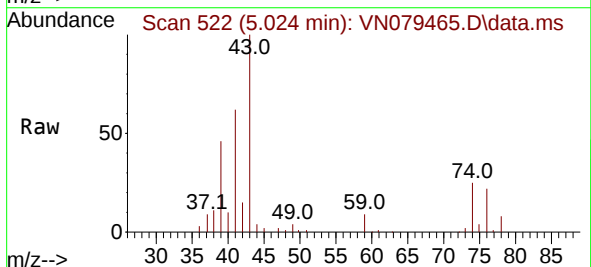
Tgt Ion: 76 Resp: 14417
Ion Ratio Lower Upper
76 100
78 8.3 7.4 11.0

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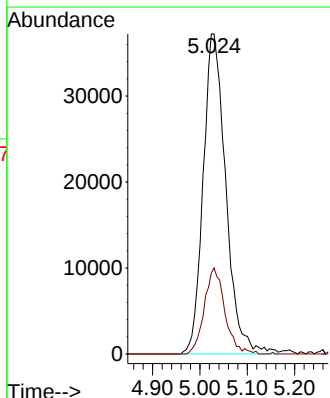
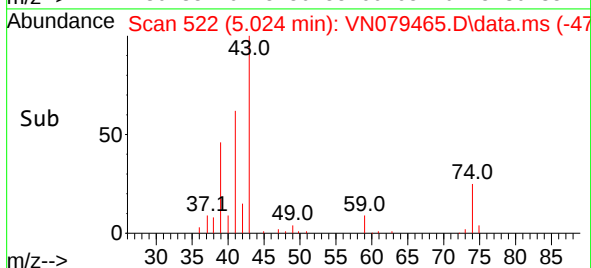
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

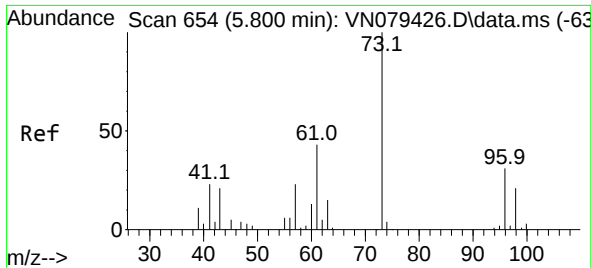


#18
Methyl Acetate
Concen: 16.993 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion: 43 Resp: 123964
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#





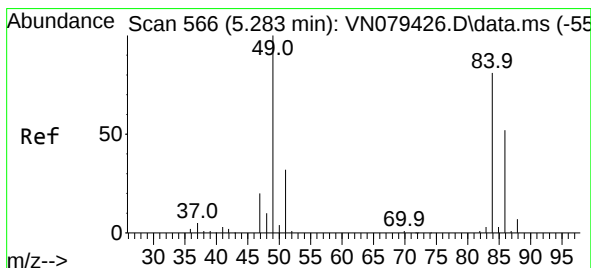
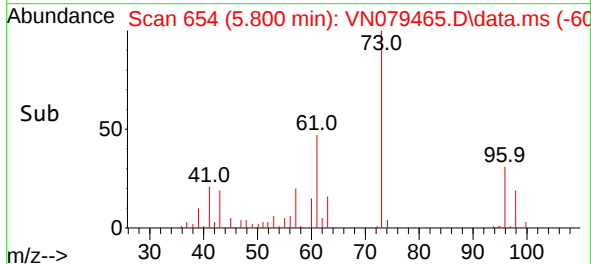
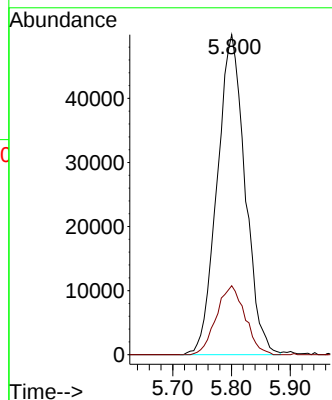
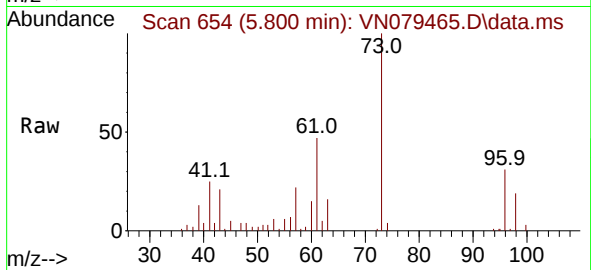
#19
Methyl tert-butyl Ether
Concen: 18.531 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion: 73 Resp: 164878
Ion Ratio Lower Upper
73 100
57 21.6 15.6 23.4

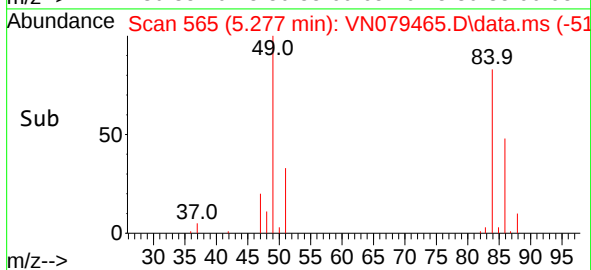
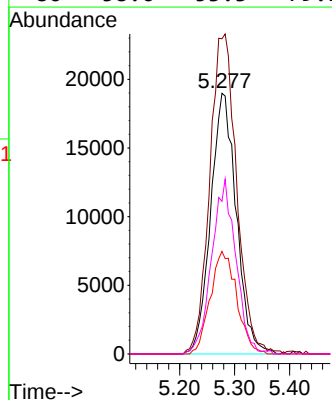
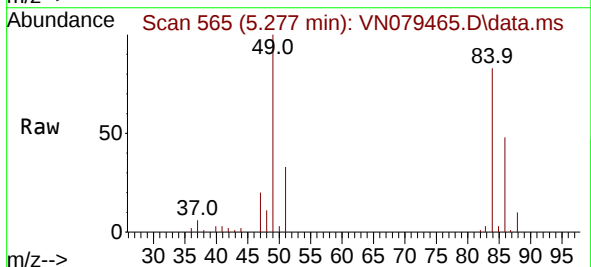
Manual Integrations
APPROVED

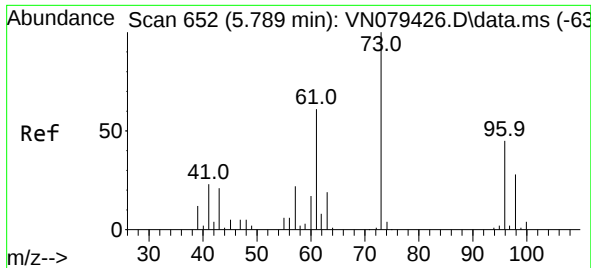
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#20
Methylene Chloride
Concen: 18.474 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

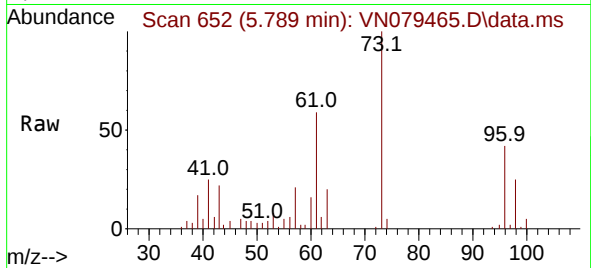
Tgt Ion: 84 Resp: 61535
Ion Ratio Lower Upper
84 100
49 120.9 79.7 119.5#
51 39.3 25.2 37.8#
86 58.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.518 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

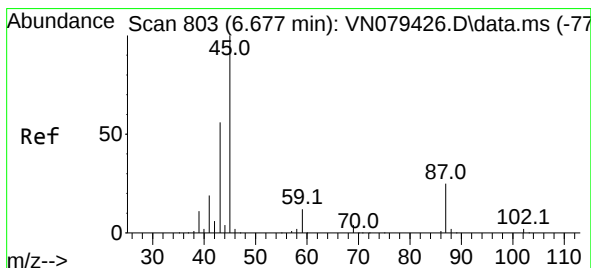
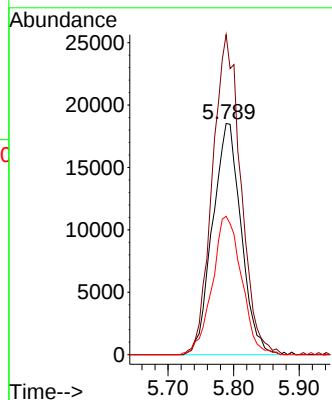
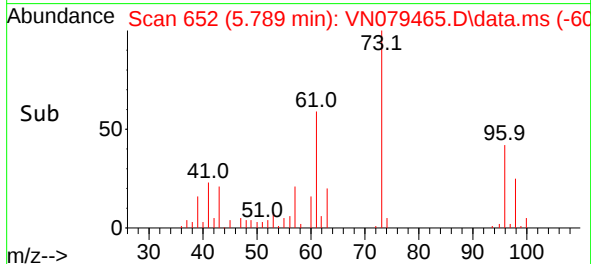
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 96 Resp: 5602
Ion Ratio Lower Upper
96 100
61 138.4 90.1 135.1
98 59.9 46.4 69.6

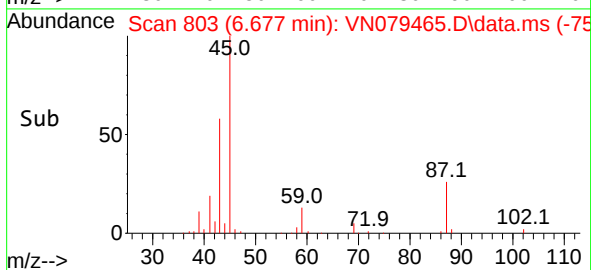
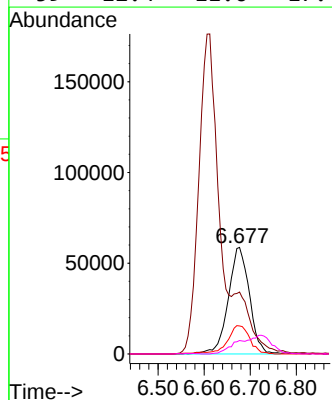
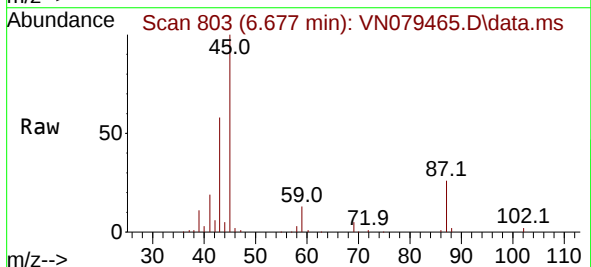
Manual Integrations
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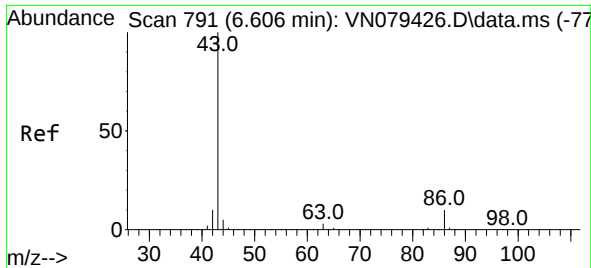
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#22
Diisopropyl ether
Concen: 18.838 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion: 45 Resp: 186666
Ion Ratio Lower Upper
45 100
43 57.3 45.5 68.3
87 26.3 31.8 47.8#
59 12.4 11.6 17.4





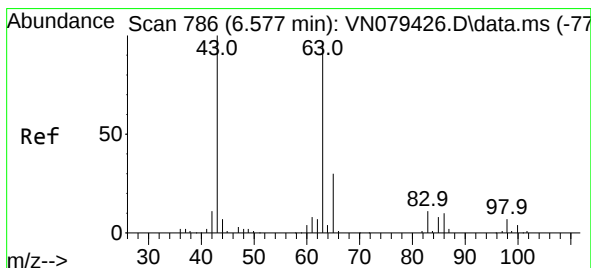
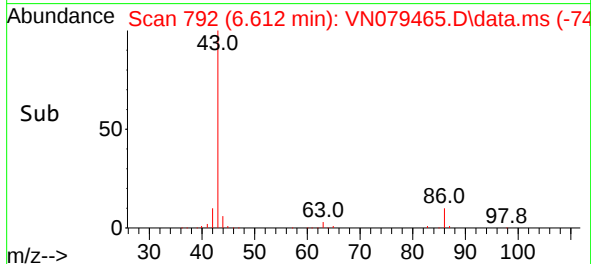
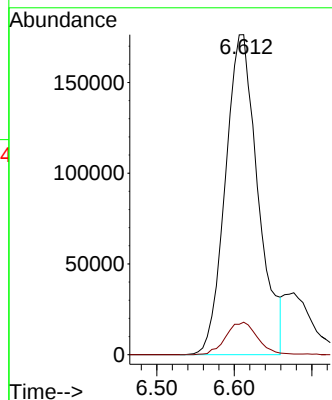
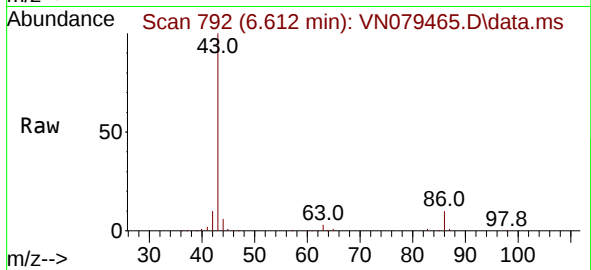
#23
 Vinyl Acetate
 Concen: 92.790 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tgt Ion: 43 Resp: 517180
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6

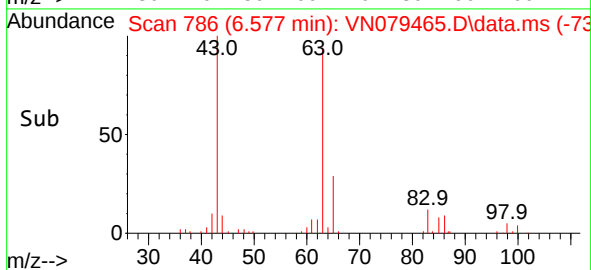
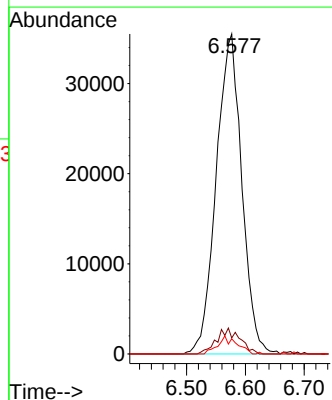
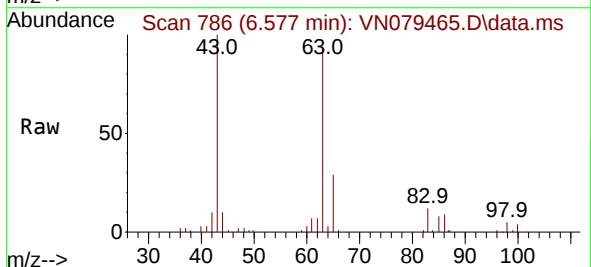
Manual Integrations
 APPROVED

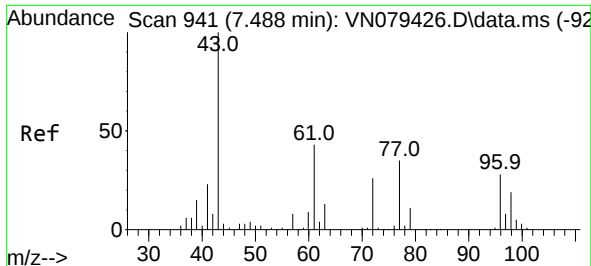
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#24
 1,1-Dichloroethane
 Concen: 17.697 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

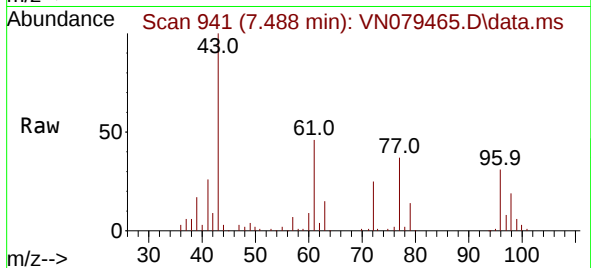
Tgt Ion: 63 Resp: 107319
 Ion Ratio Lower Upper
 63 100
 98 5.0 3.9 11.7
 100 4.7 2.5 7.4





#25
2-Butanone
Concen: 91.703 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

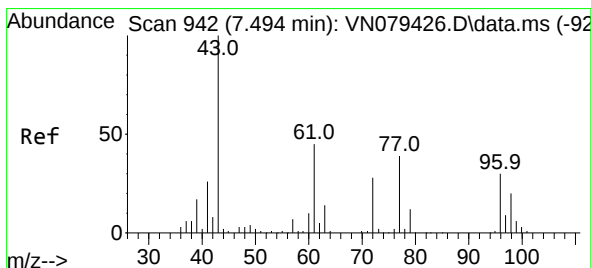
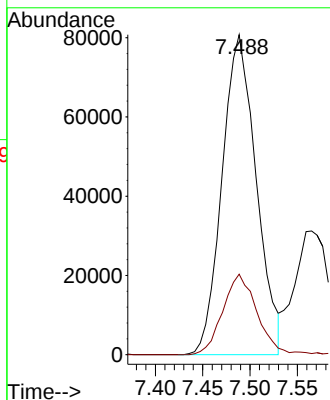
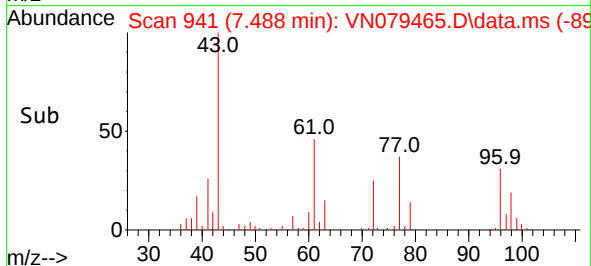
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



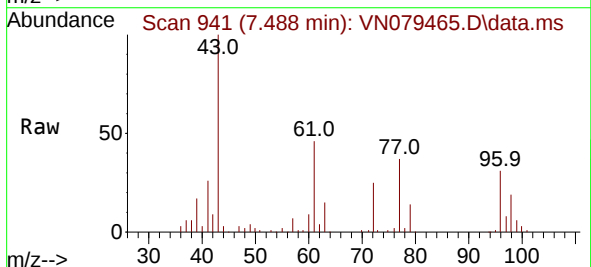
Tgt Ion: 43 Resp: 20286
Ion Ratio Lower Upper
43 100
72 25.2 30.2 45.2

Manual Integrations
APPROVED

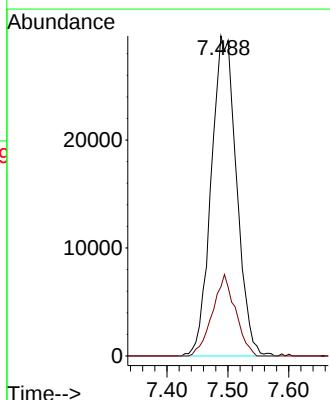
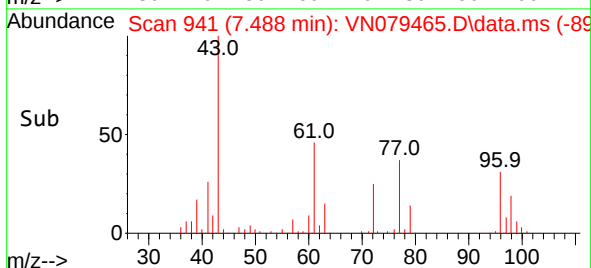
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

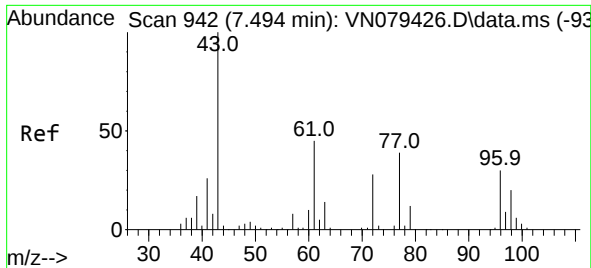


#26
2,2-Dichloropropane
Concen: 18.453 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



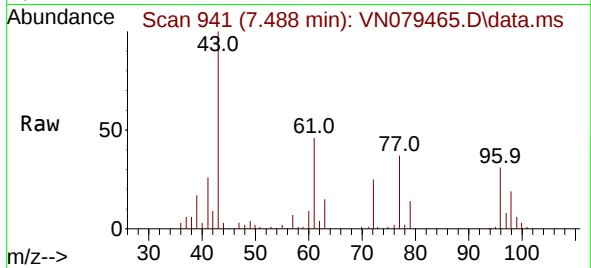
Tgt Ion: 77 Resp: 85521
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 18.409 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

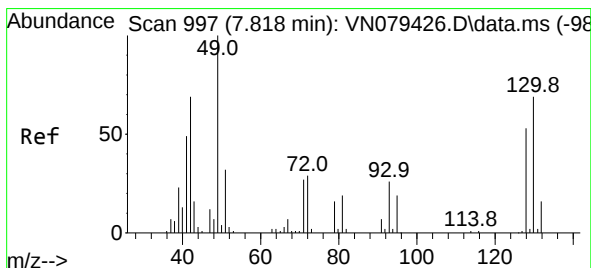
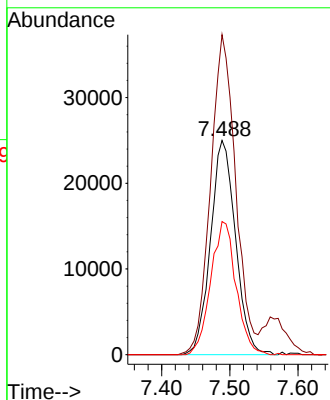
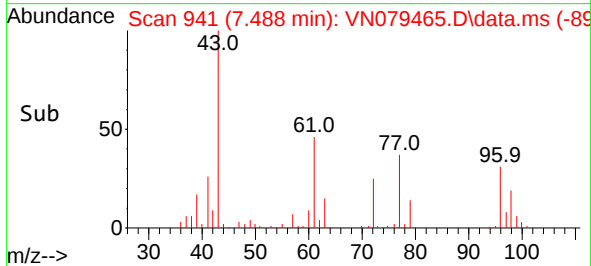
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02



Tgt Ion: 96 Resp: 63960
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 255.2
 98 62.8 0.0 128.8

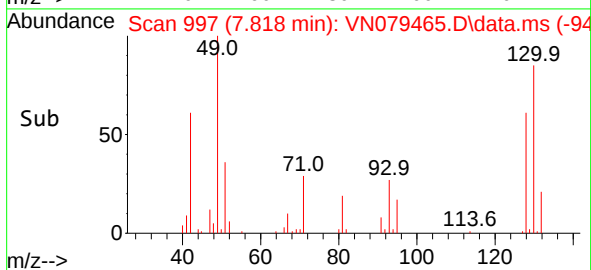
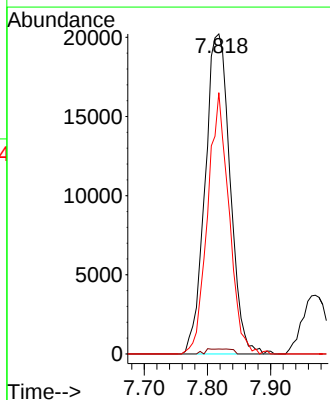
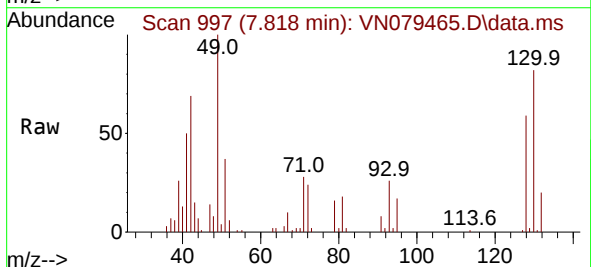
Manual Integrations
 APPROVED

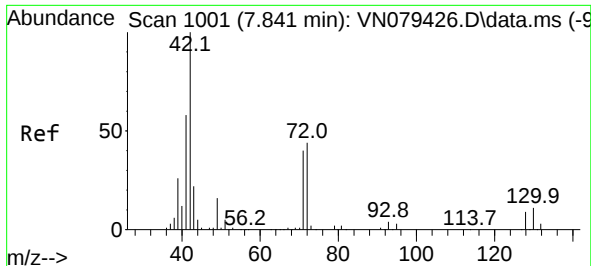
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#28
 Bromochloromethane
 Concen: 19.275 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

Tgt Ion: 49 Resp: 55615
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.8
 130 69.9 75.3 112.9#





#29

Tetrahydrofuran

Concen: 87.109 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 42 Resp: 124630

Ion Ratio Lower Upper

42 100

72 43.8 49.8 74.6

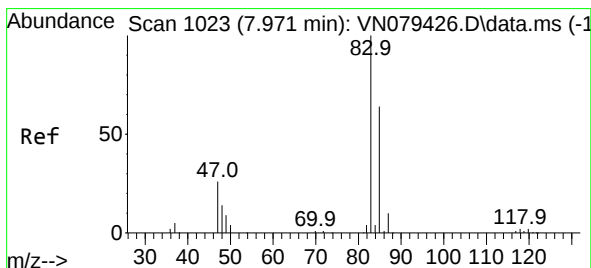
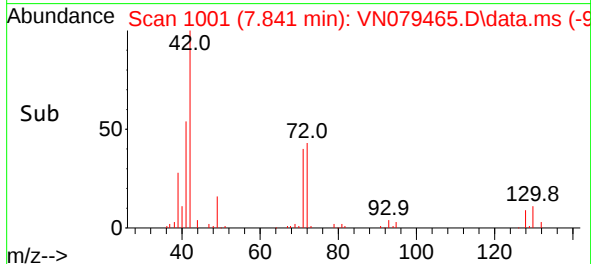
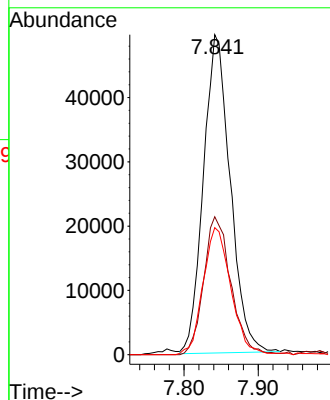
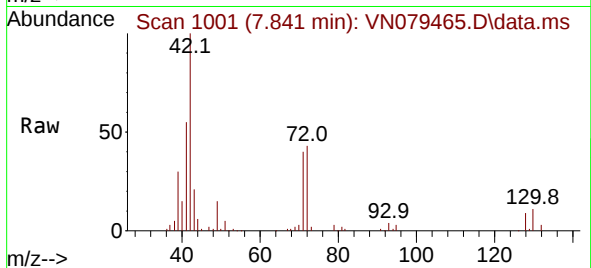
71 41.1 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#30

Chloroform

Concen: 18.130 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079465.D

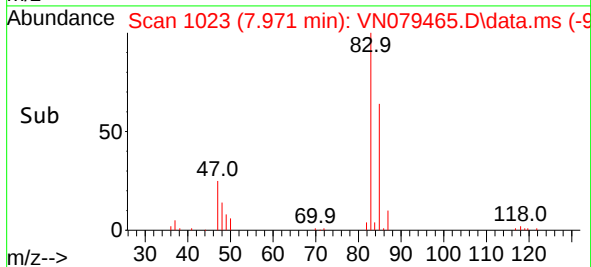
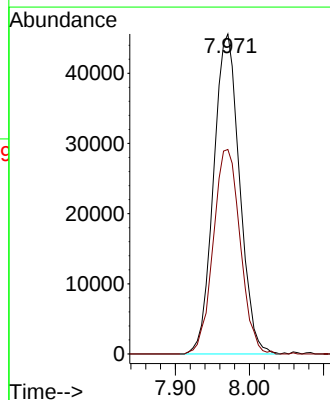
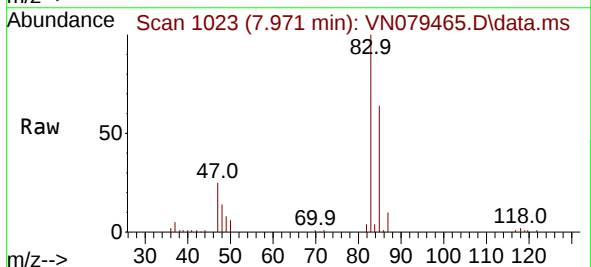
Acq: 09 Oct 2023 12:23

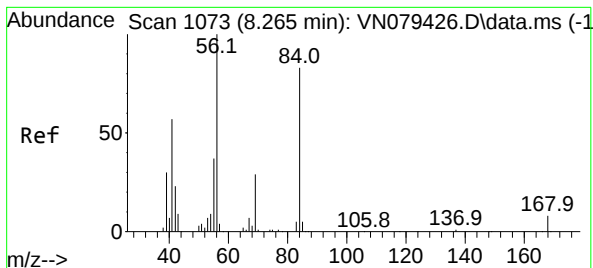
Tgt Ion: 83 Resp: 111087

Ion Ratio Lower Upper

83 100

85 63.9 55.4 83.0





#31

Cyclohexane

Concen: 17.405 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

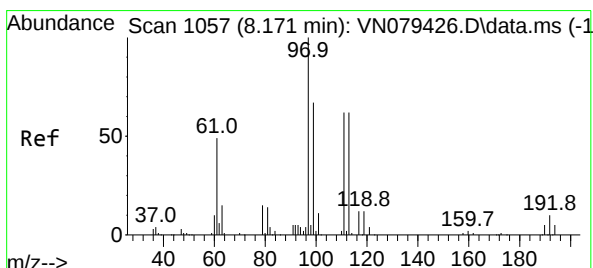
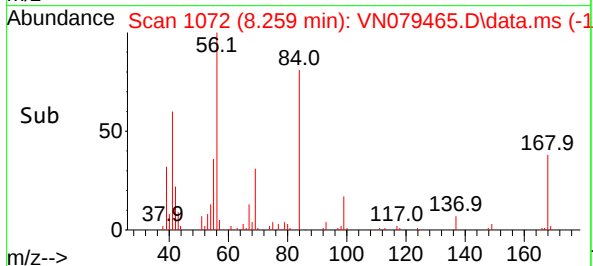
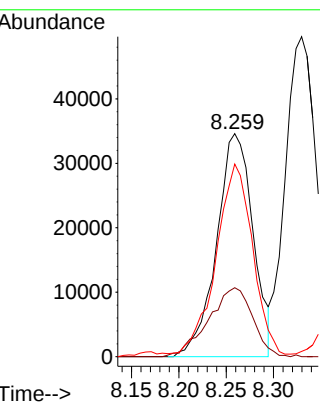
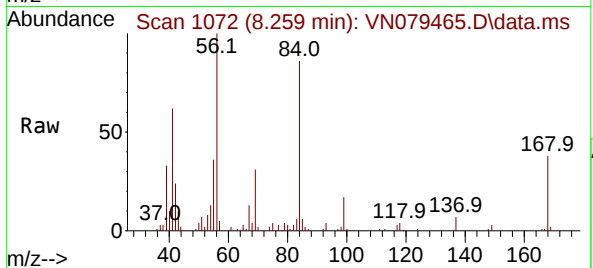
Tgt Ion:	56	Resp:	9277
Ion Ratio	Lower	Upper	
56	100		
69	30.2	26.8	40.2
84	85.0	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#32

1,1,1-Trichloroethane

Concen: 18.446 ug/l

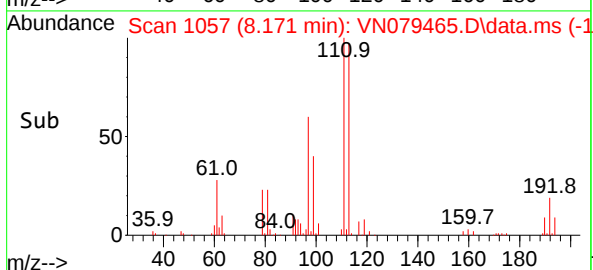
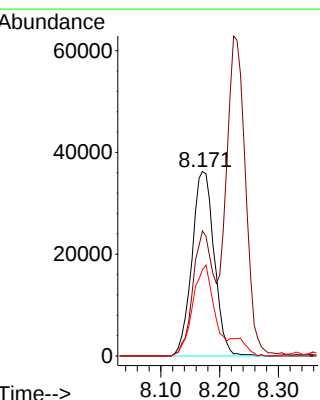
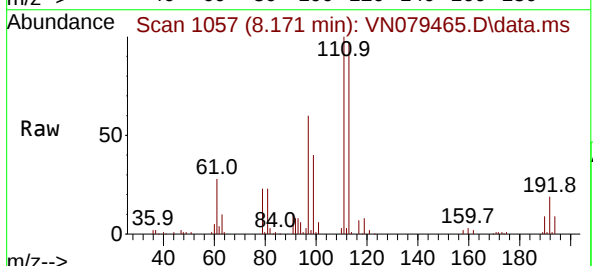
RT: 8.171 min Scan# 1057

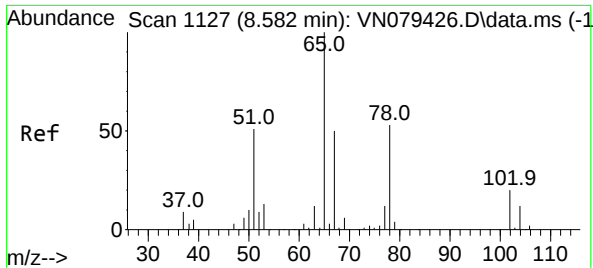
Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Tgt Ion:	97	Resp:	95118
Ion Ratio	Lower	Upper	
97	100		
99	61.3	50.3	75.5
61	47.8	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 51.853 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 65 Resp: 19485

Ion Ratio Lower Upper

65 100

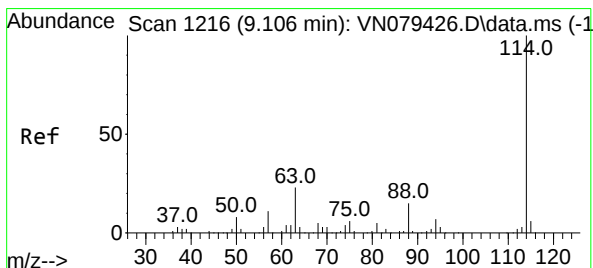
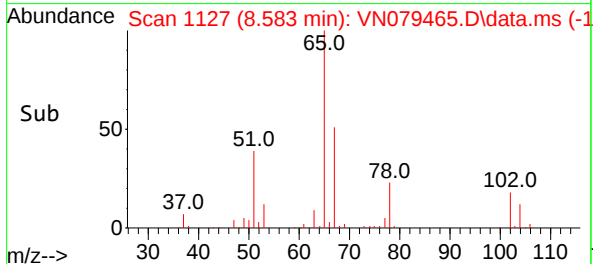
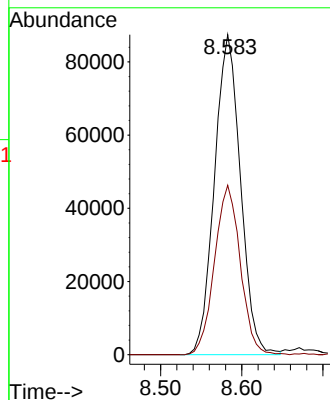
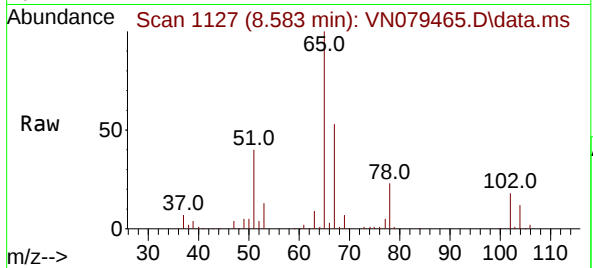
67 52.3 0.0 106.6

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: VN079465.D

Acq: 09 Oct 2023 12:23

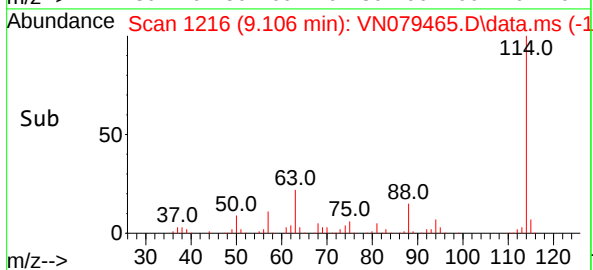
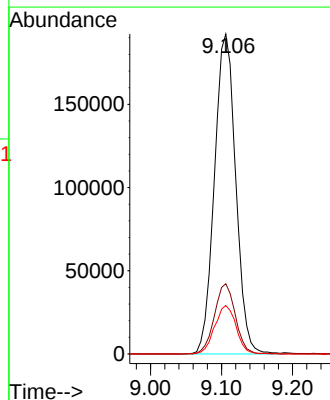
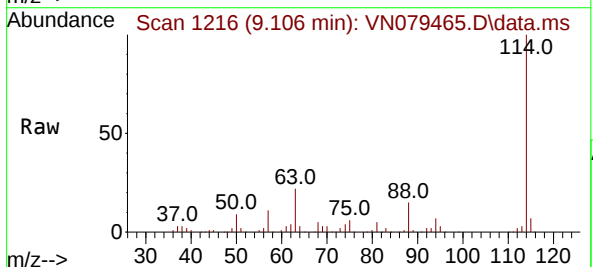
Tgt Ion:114 Resp: 399408

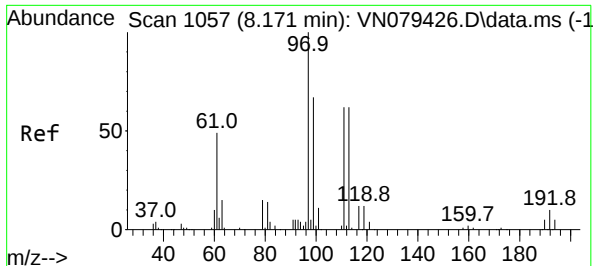
Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

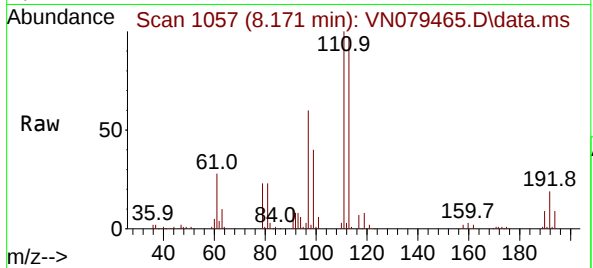
88 15.1 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.330 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

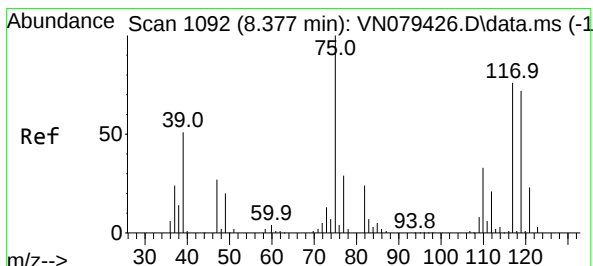
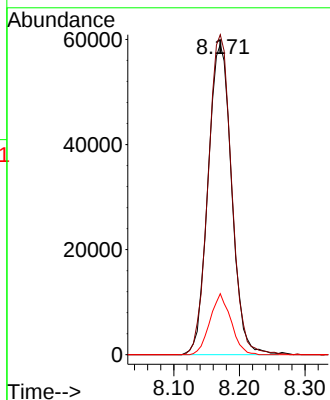
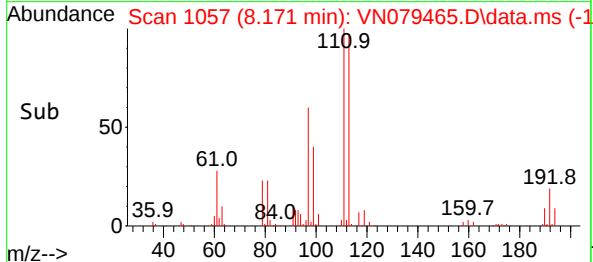
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



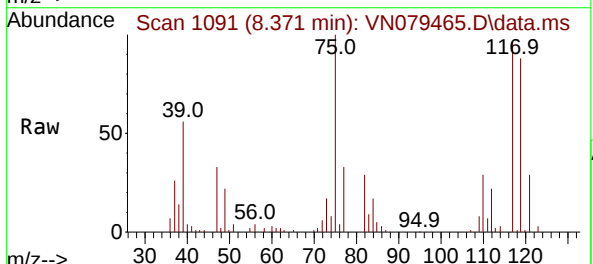
Tgt Ion: 113 Resp: 14733
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.5 12.7 19.1

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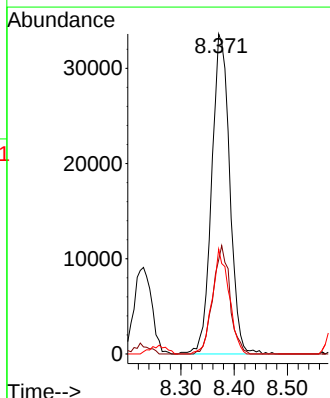
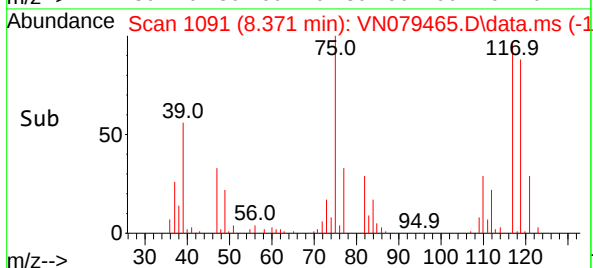
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

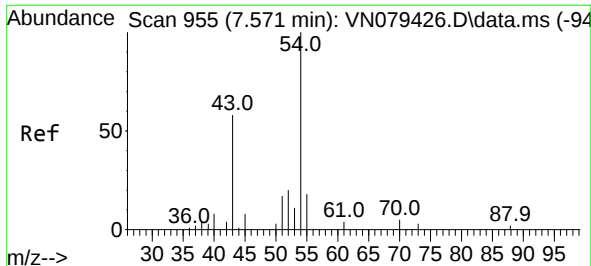


#36
1,1-Dichloropropene
Concen: 18.356 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion: 75 Resp: 79077
Ion Ratio Lower Upper
75 100
110 32.0 19.1 57.3
77 30.6 25.0 37.4





#37

Ethyl Acetate

Concen: 18.590 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 43 Resp: 7968

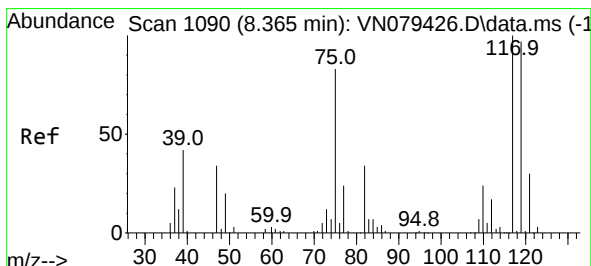
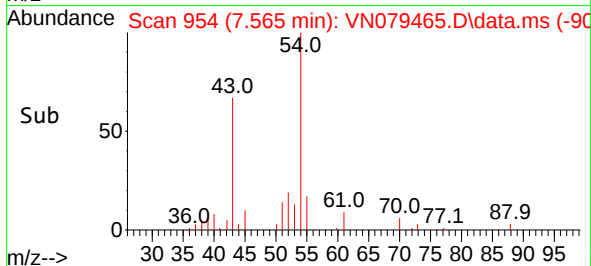
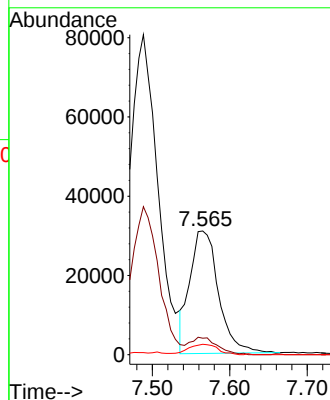
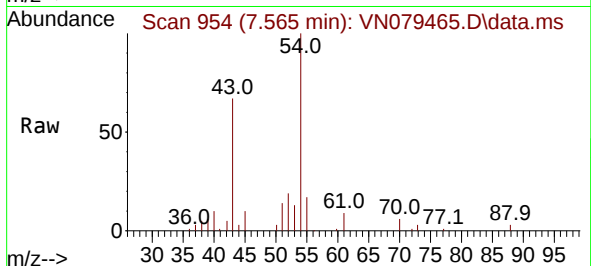
Ion	Ratio	Lower	Upper
43	100		
61	13.1	13.2	19.8
70	8.6	11.3	16.9

Manual Integrations

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Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#38

Carbon Tetrachloride

Concen: 18.588 ug/l

RT: 8.371 min Scan# 1091

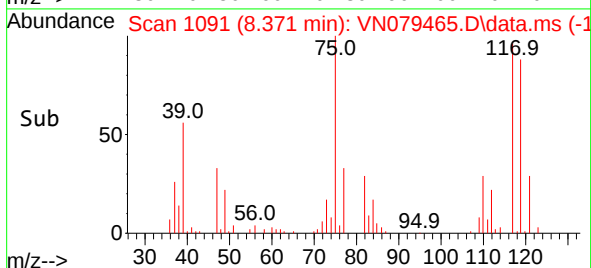
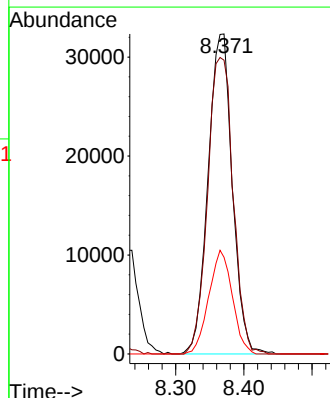
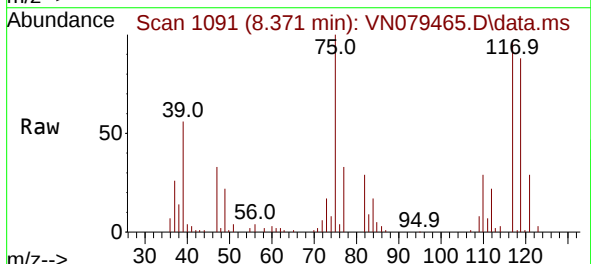
Delta R.T. 0.006 min

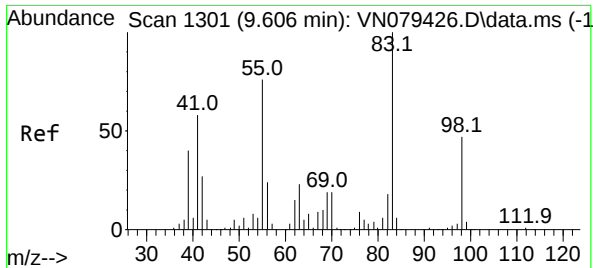
Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Tgt Ion:117 Resp: 80164

Ion	Ratio	Lower	Upper
117	100		
119	91.8	77.3	115.9
121	30.2	23.3	34.9





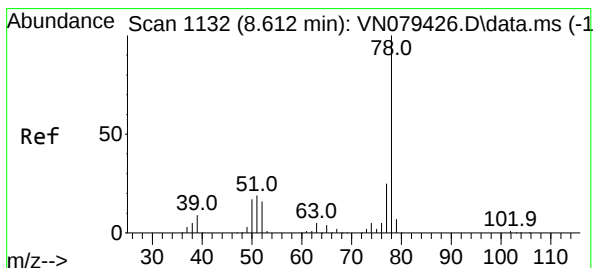
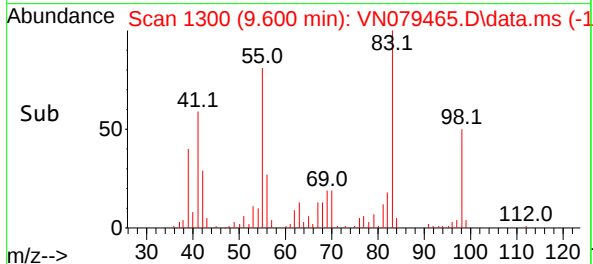
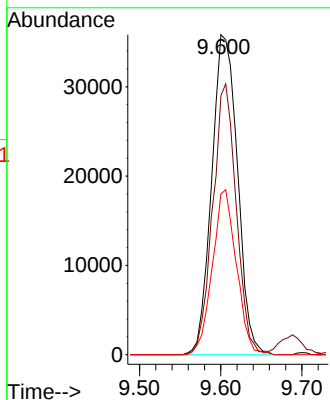
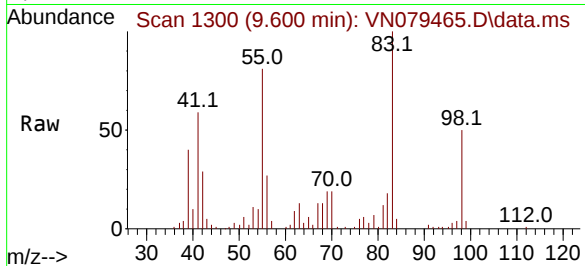
#39
Methylcyclohexane
Concen: 19.127 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion: 83 Resp: 7916
Ion Ratio Lower Upper
83 100
55 81.0 49.1 73.7
98 50.3 40.6 61.0

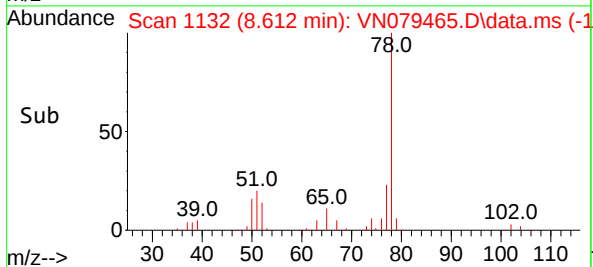
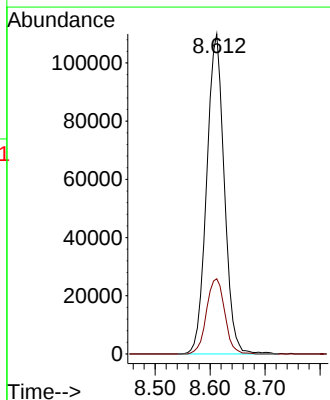
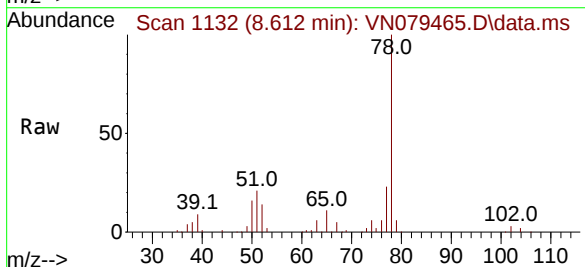
Manual Integrations
APPROVED

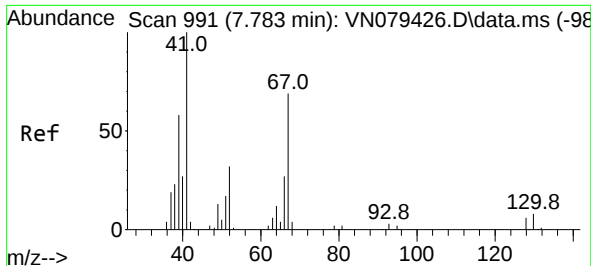
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#40
Benzene
Concen: 19.073 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

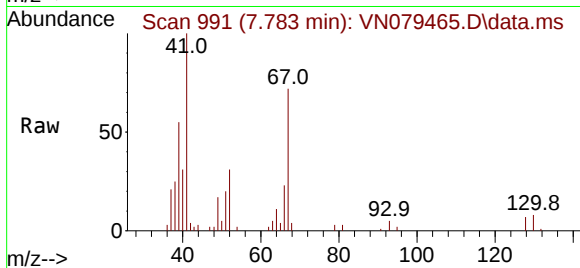
Tgt Ion: 78 Resp: 244016
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 18.961 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

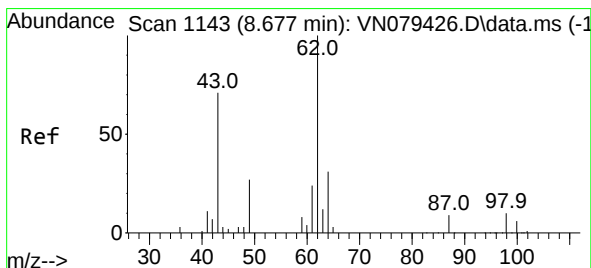
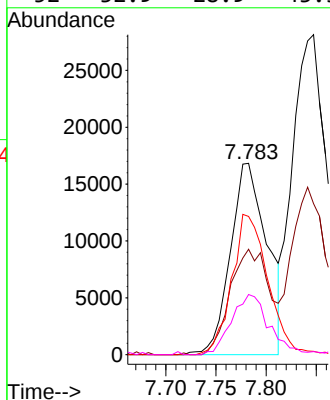
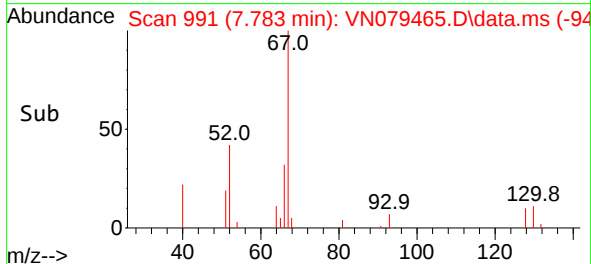
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 41 Resp: 42730
Ion Ratio Lower Upper
41 100
39 59.0 42.6 64.0
67 72.5 77.5 116.3
52 32.9 28.9 43.3

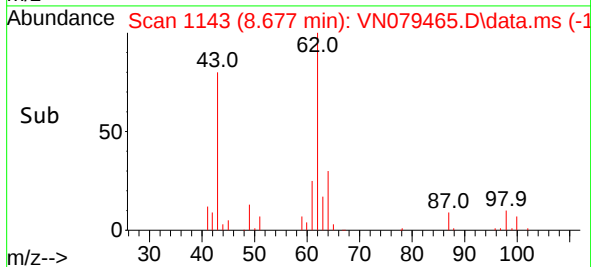
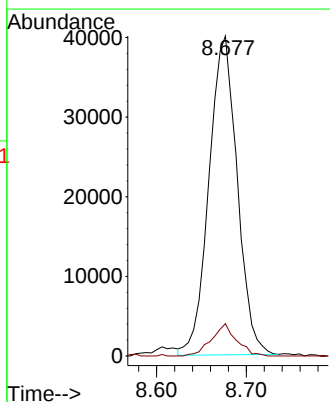
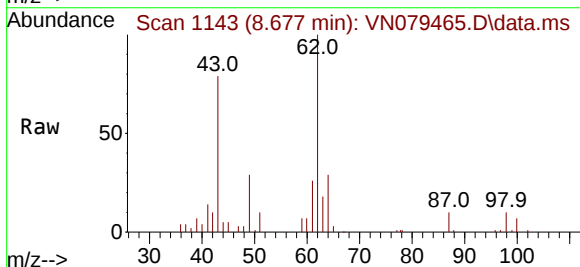
Manual Integrations
APPROVED

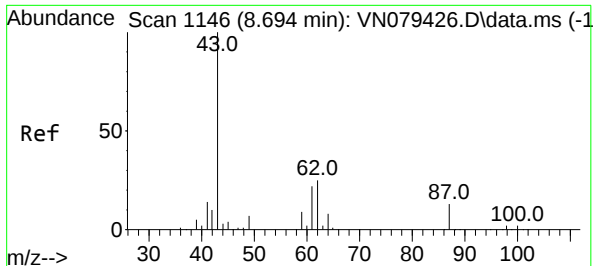
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#42
1,2-Dichloroethane
Concen: 18.861 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

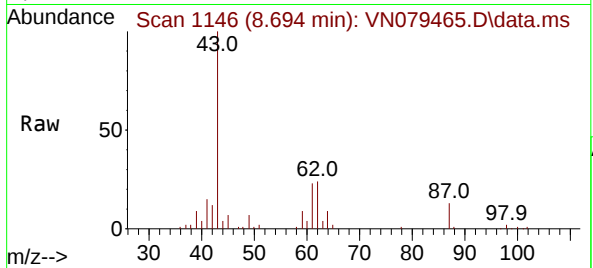
Tgt Ion: 62 Resp: 87679
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.849 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

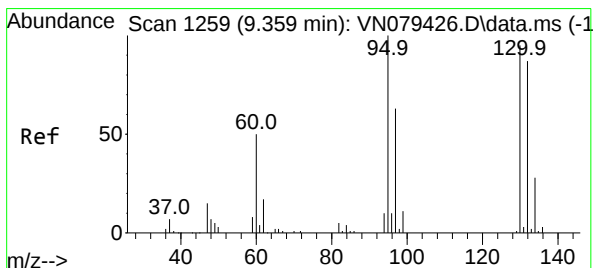
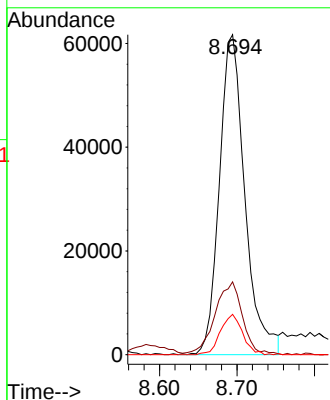
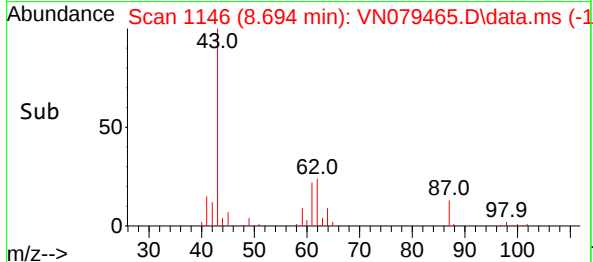
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 43 Resp: 141550
Ion Ratio Lower Upper
43 100
61 24.5 24.7 37.1
87 10.9 14.6 21.8

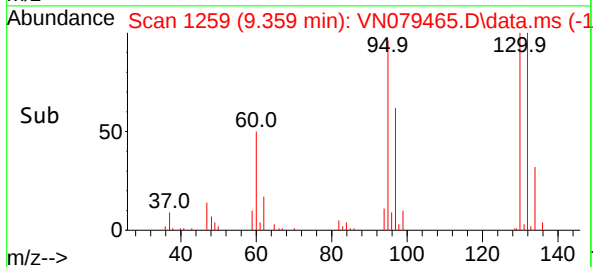
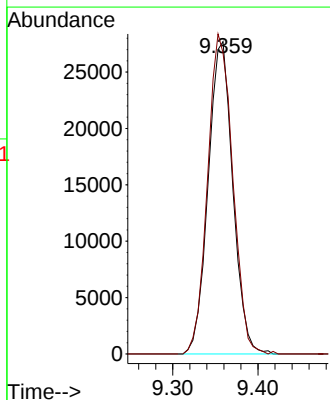
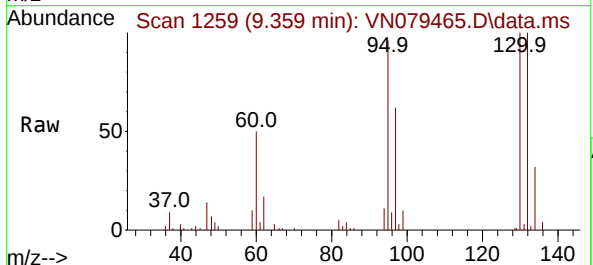
Manual Integrations
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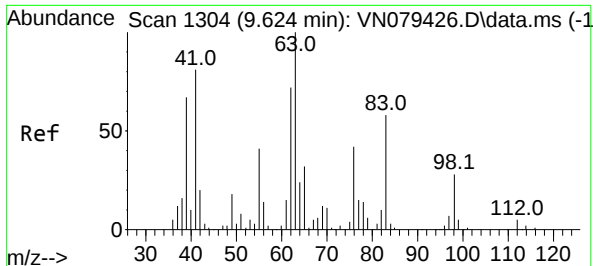
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#44
Trichloroethene
Concen: 18.475 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion:130 Resp: 55631
Ion Ratio Lower Upper
130 100
95 96.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.318 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 63 Resp: 65119

Ion Ratio Lower Upper

63 100

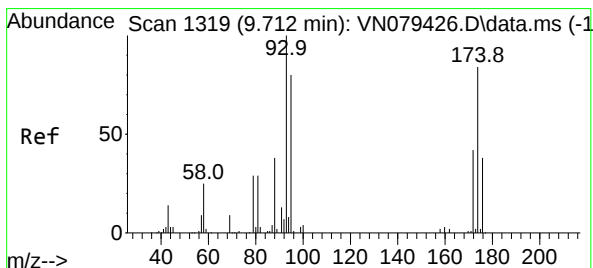
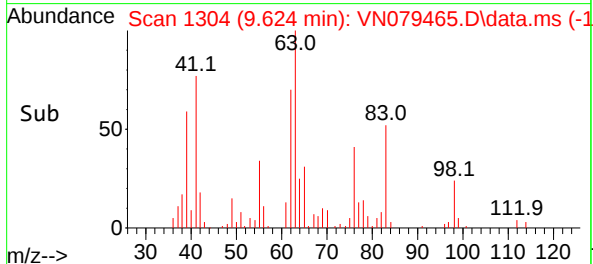
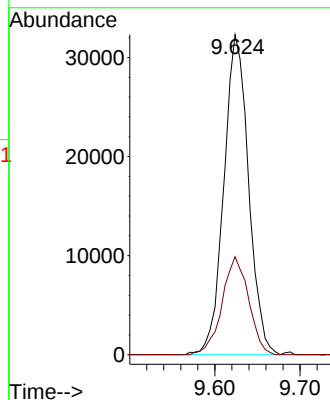
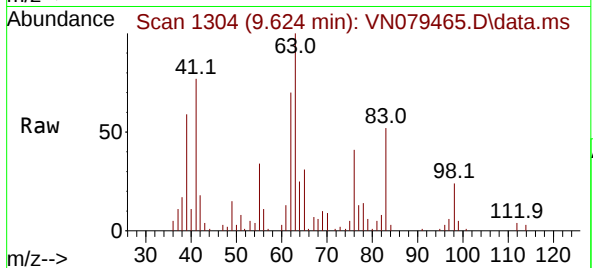
65 30.6 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#46

Dibromomethane

Concen: 20.022 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

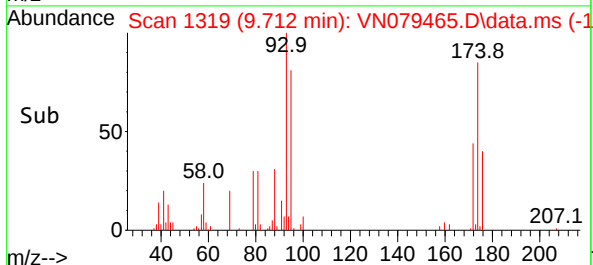
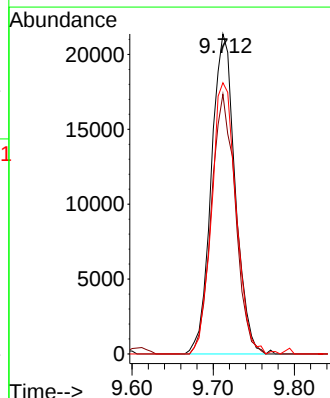
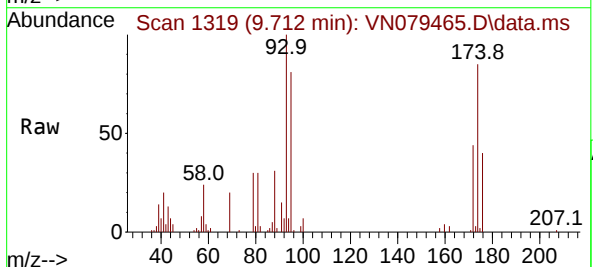
Tgt Ion: 93 Resp: 43712

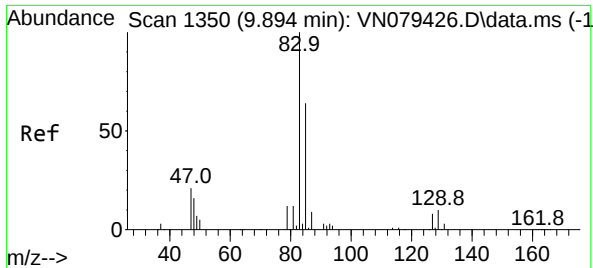
Ion Ratio Lower Upper

93 100

95 81.3 63.8 95.8

174 86.8 65.6 98.4





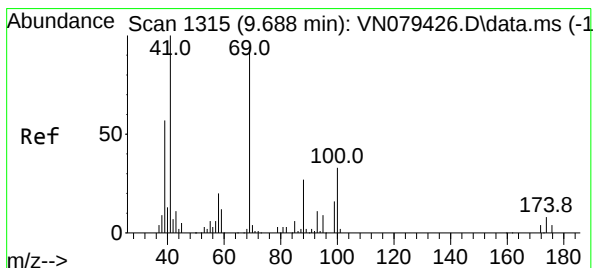
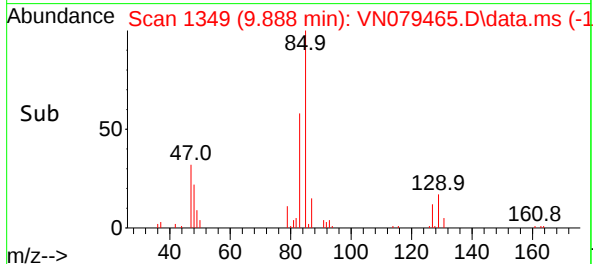
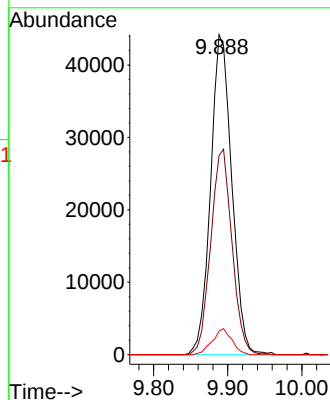
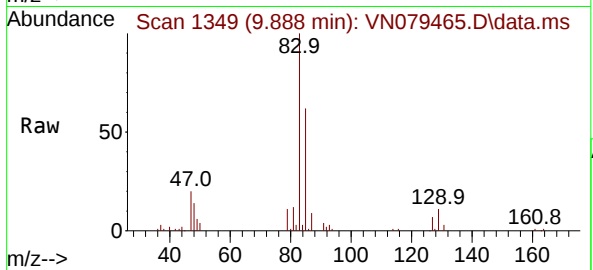
#47
Bromodichloromethane
Concen: 19.561 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion: 83 Resp: 8784
Ion Ratio Lower Upper
83 100
85 62.2 49.6 74.4
127 7.4 7.0 10.6

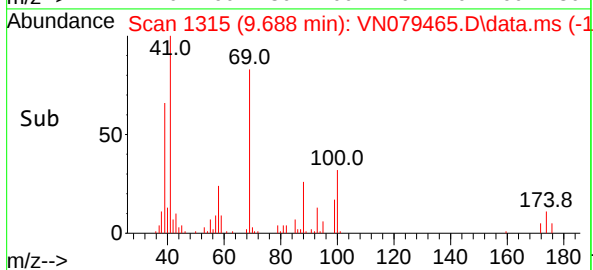
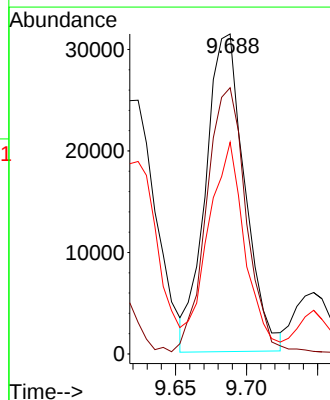
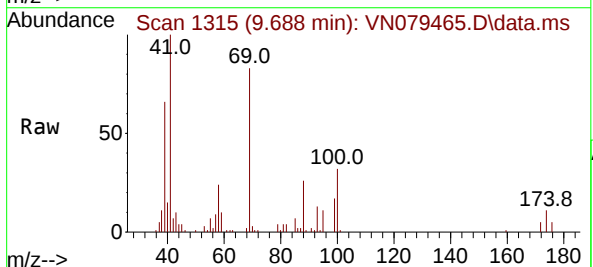
Manual Integrations
APPROVED

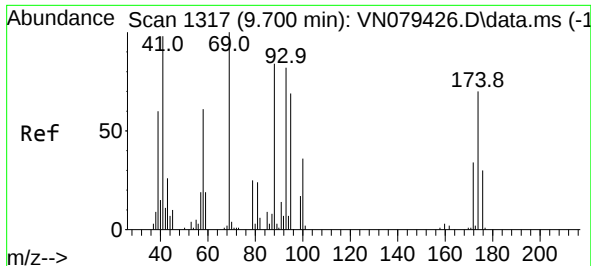
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#48
Methyl methacrylate
Concen: 18.648 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion: 41 Resp: 60010
Ion Ratio Lower Upper
41 100
69 86.5 90.4 135.6#
39 63.9 54.6 81.8





#49

1,4-Dioxane

Concen: 399.742 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 88 Resp: 2369

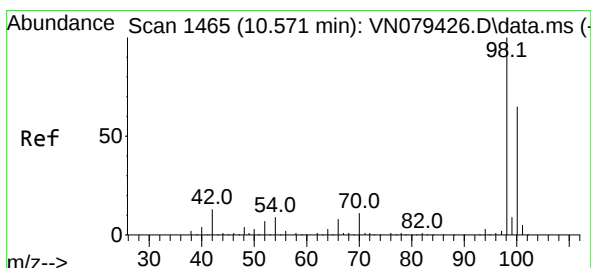
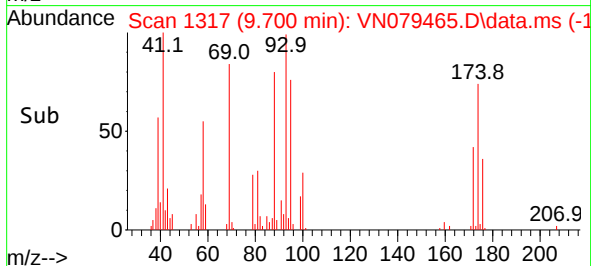
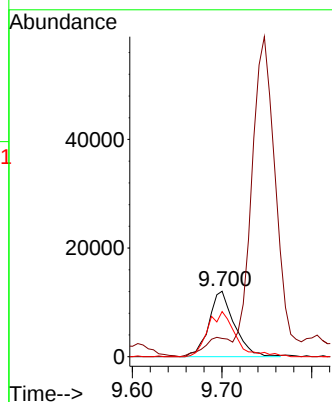
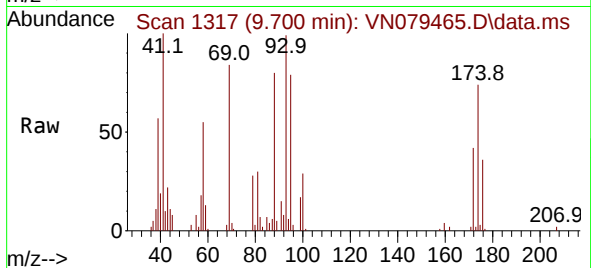
Ion	Ratio	Lower	Upper
88	100		
43	31.7	17.0	25.6
58	75.7	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#50

Toluene-d8

Concen: 53.359 ug/l

RT: 10.571 min Scan# 1465

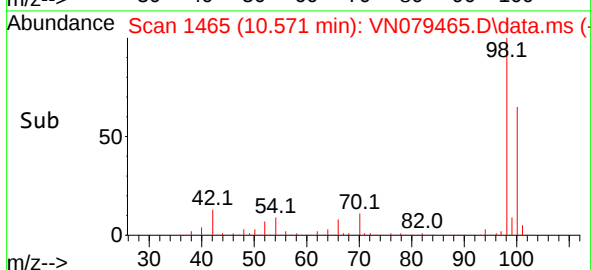
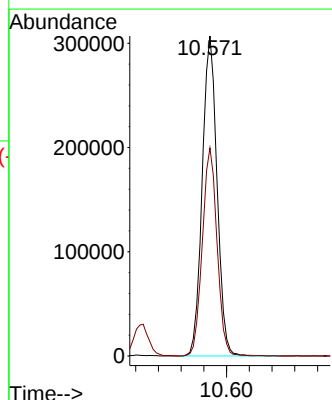
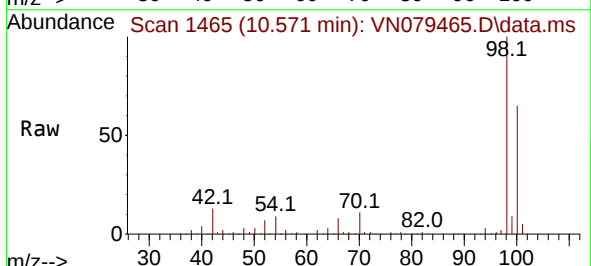
Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Tgt Ion: 98 Resp: 554158

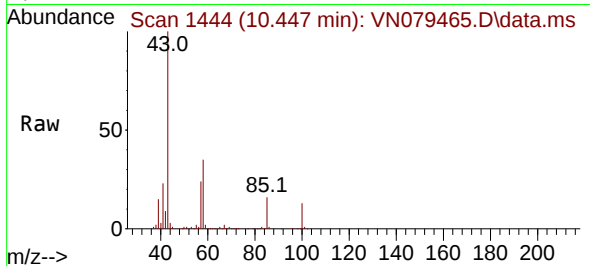
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 93.947 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

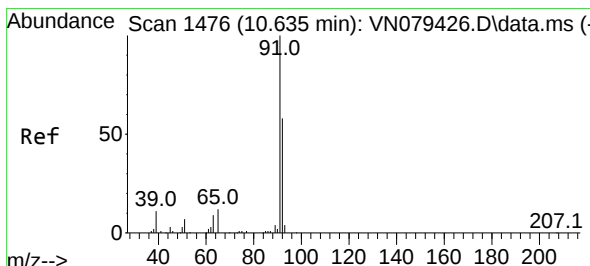
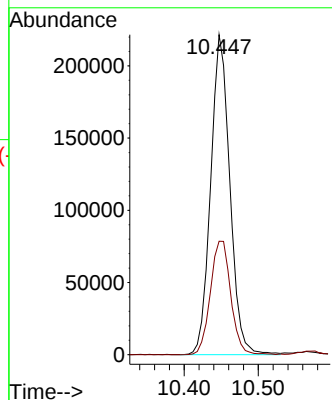
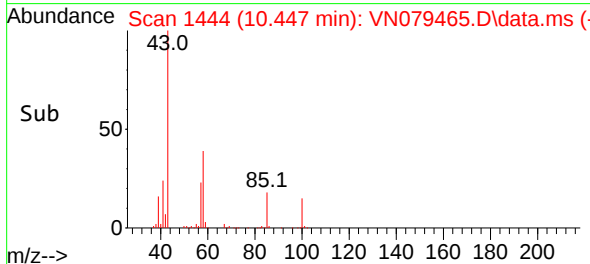
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 43 Resp: 398268
Ion Ratio Lower Upper
43 100
58 37.8 36.6 54.8

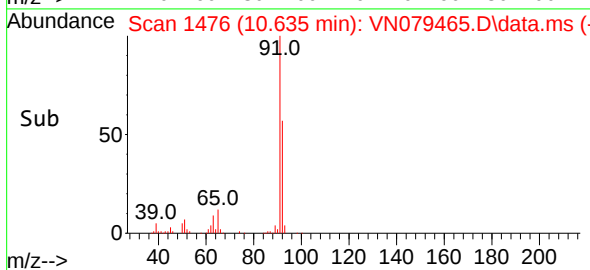
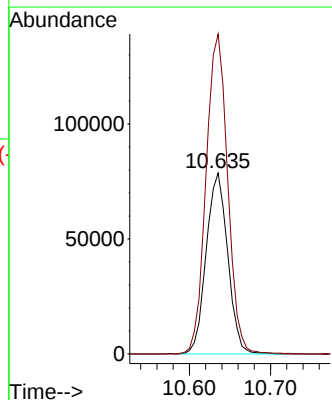
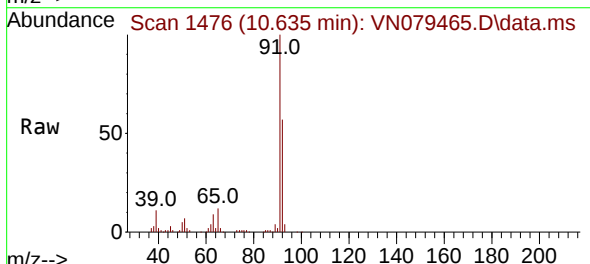
Manual Integrations
APPROVED

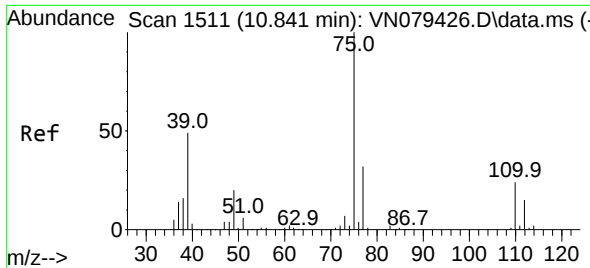
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#52
Toluene
Concen: 19.242 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

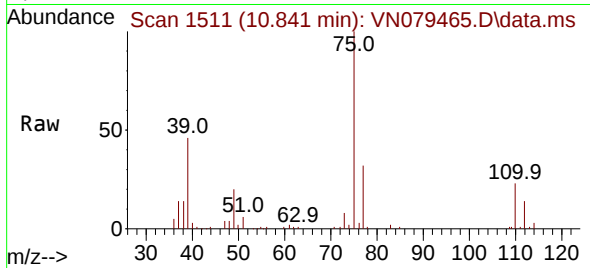
Tgt Ion: 92 Resp: 144911
Ion Ratio Lower Upper
92 100
91 177.8 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 19.582 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

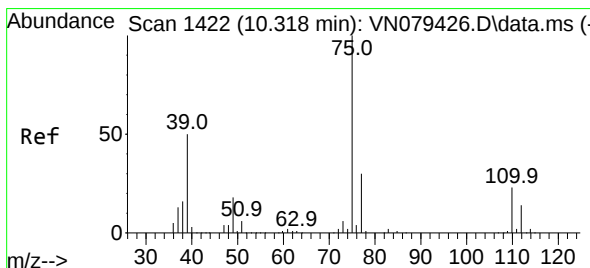
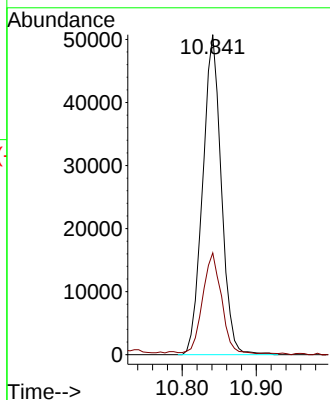
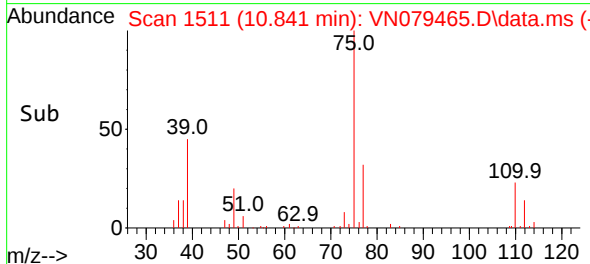
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02



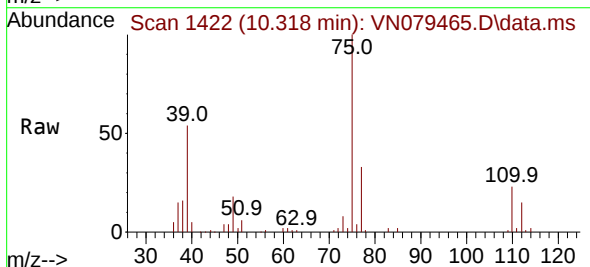
Tgt Ion: 75 Resp: 88620
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0

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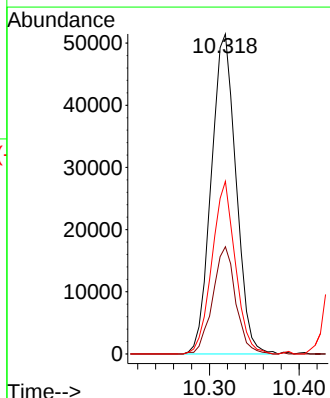
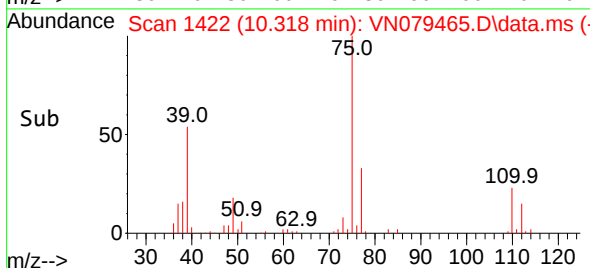
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

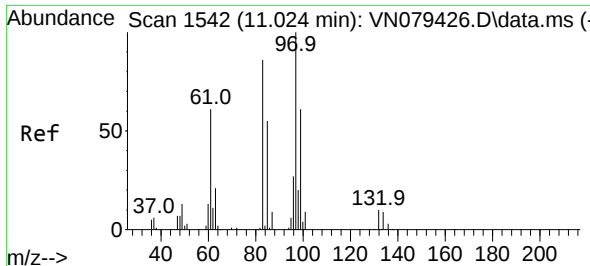


#54
 cis-1,3-Dichloropropene
 Concen: 19.878 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23



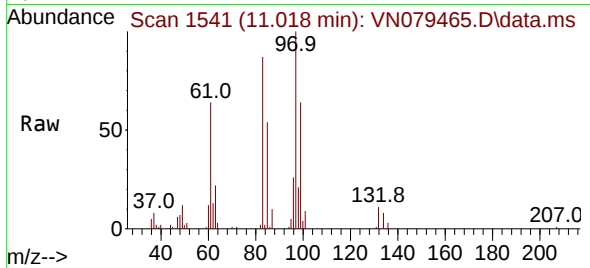
Tgt Ion: 75 Resp: 98477
 Ion Ratio Lower Upper
 75 100
 77 33.5 26.1 39.1
 39 54.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 19.409 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

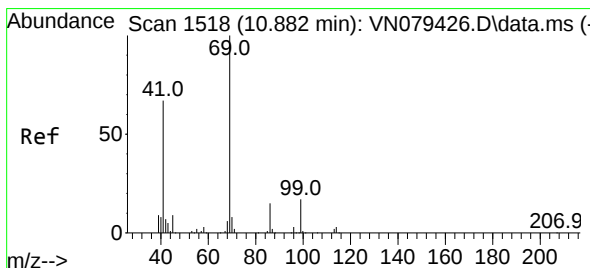
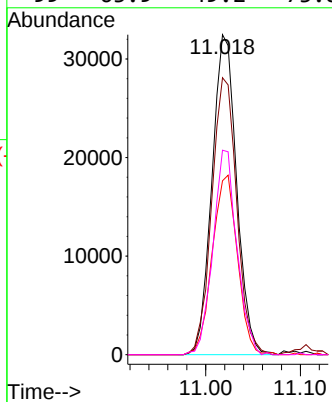
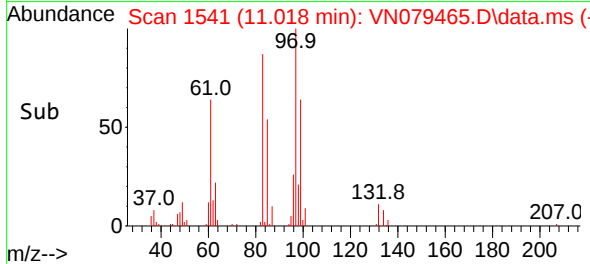
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



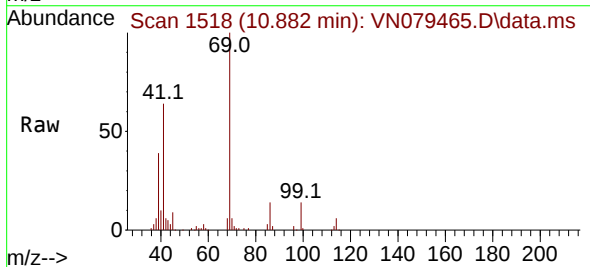
Tgt Ion:	97	Resp:	5868
Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.1	97.7
85	54.3	43.4	65.2
99	63.9	49.2	73.8

Manual Integrations
APPROVED

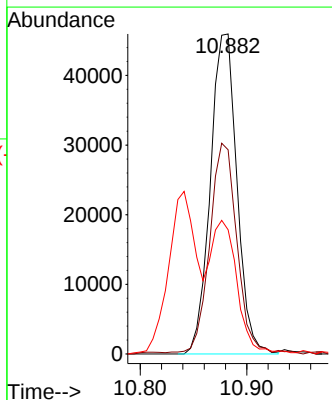
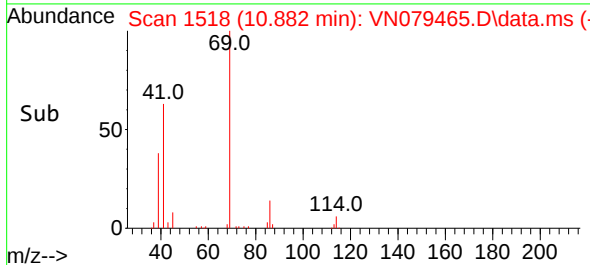
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#56
Ethyl methacrylate
Concen: 19.180 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion:	69	Resp:	79682
Ion	Ratio	Lower	Upper
69	100		
41	68.0	39.6	59.4#
39	41.5	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.180 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

Tgt Ion: 76 Resp: 10535

Ion Ratio Lower Upper

76 100

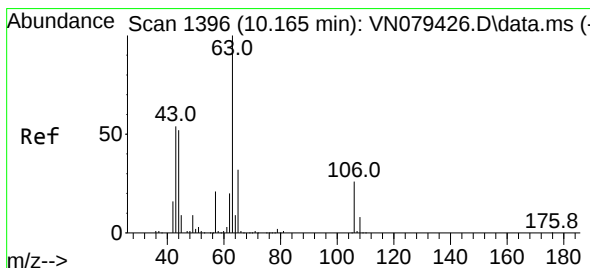
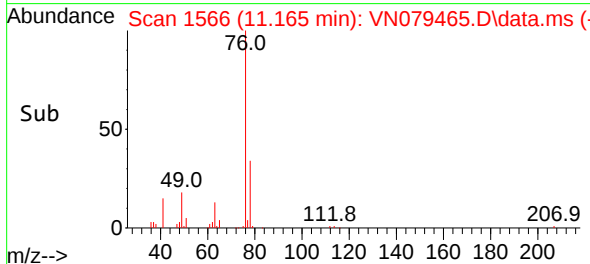
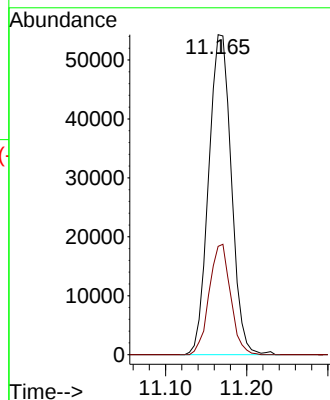
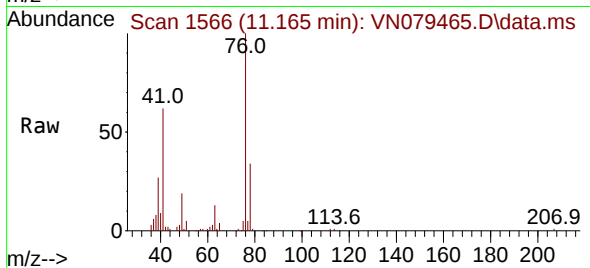
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 94.697 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079465.D

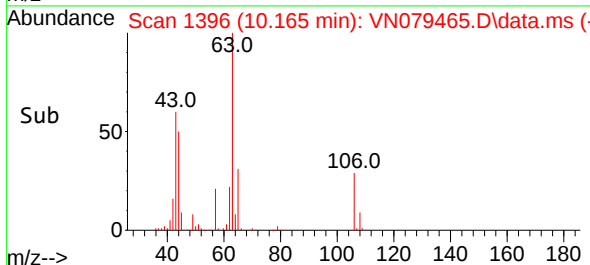
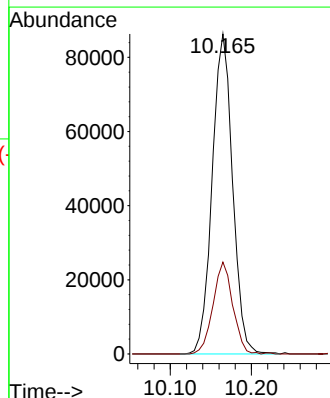
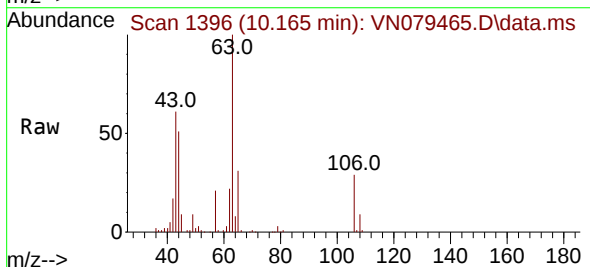
Acq: 09 Oct 2023 12:23

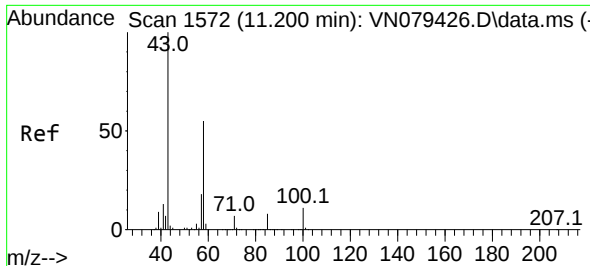
Tgt Ion: 63 Resp: 150666

Ion Ratio Lower Upper

63 100

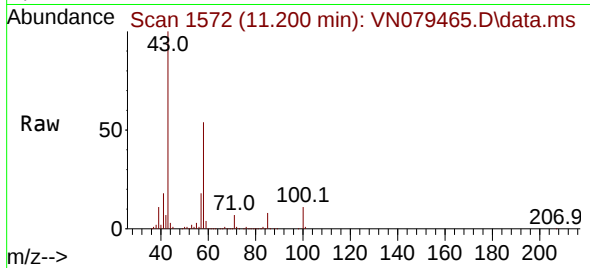
106 27.7 26.2 39.4





#59
2-Hexanone
Concen: 94.755 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

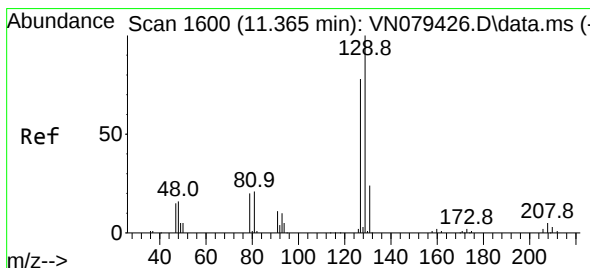
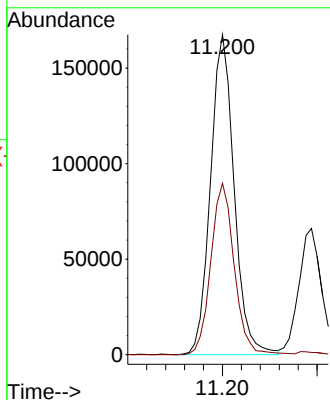
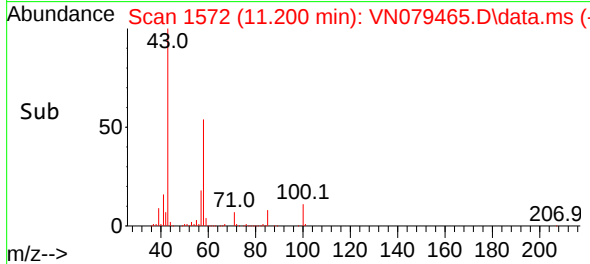
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 43 Resp: 289864
Ion Ratio Lower Upper
43 100
58 53.0 31.7 95.1

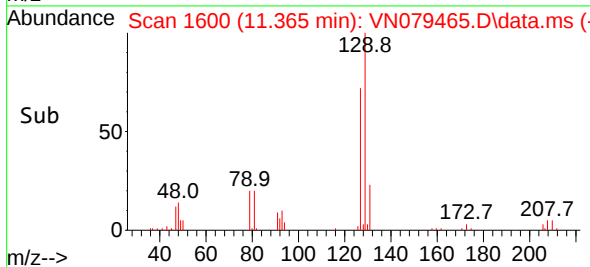
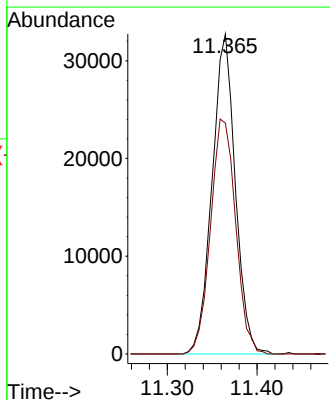
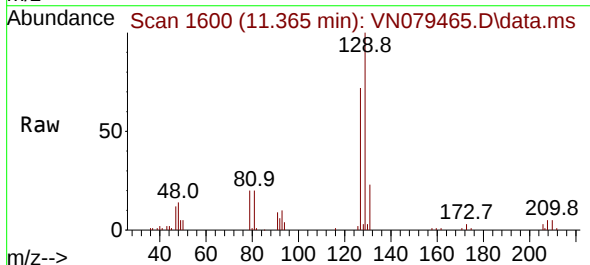
Manual Integrations
APPROVED

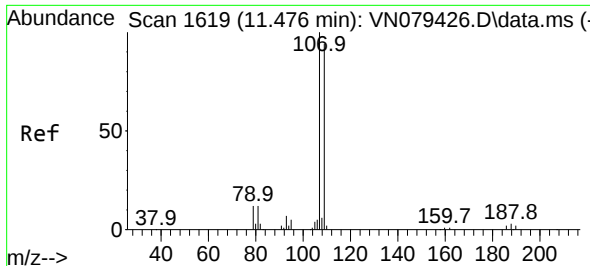
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#60
Dibromochloromethane
Concen: 19.359 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion:129 Resp: 58824
Ion Ratio Lower Upper
129 100
127 79.3 38.6 116.0





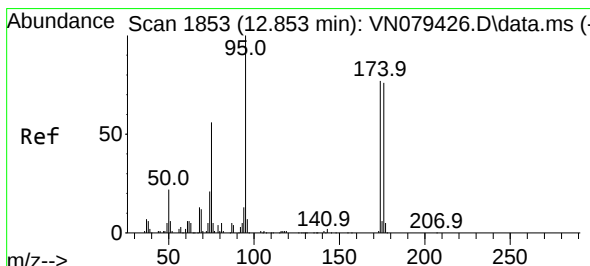
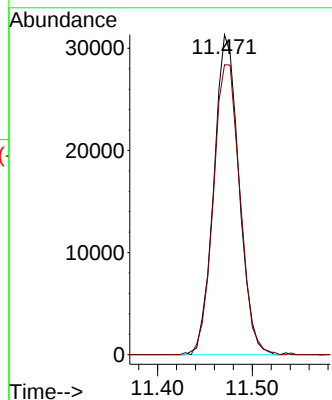
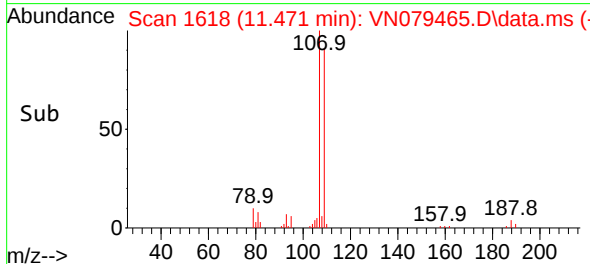
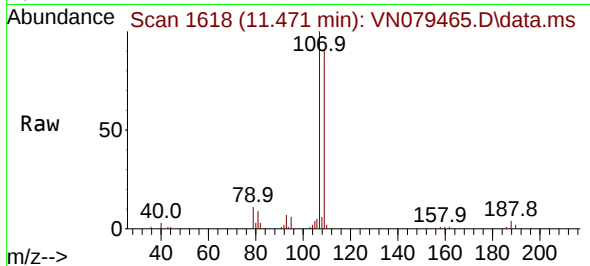
#61
1,2-Dibromoethane
Concen: 19.222 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion:107 Resp: 5767
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8

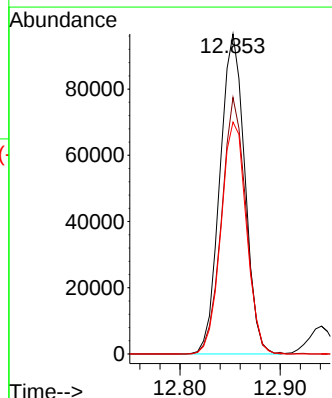
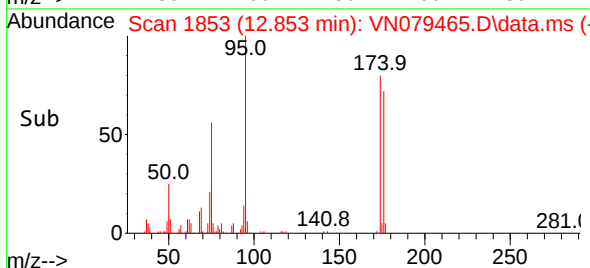
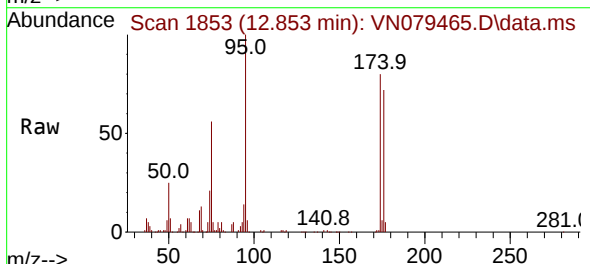
Manual Integrations
APPROVED

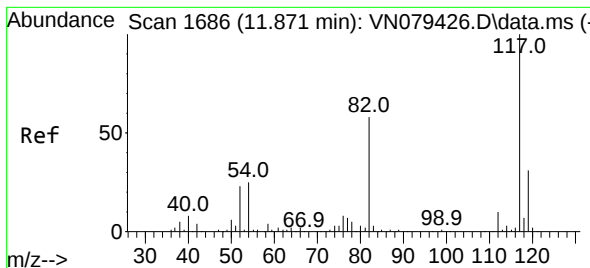
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#62
4-Bromofluorobenzene
Concen: 49.857 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

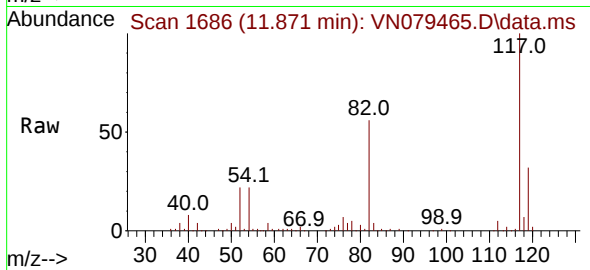
Tgt Ion: 95 Resp: 166170
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 74.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

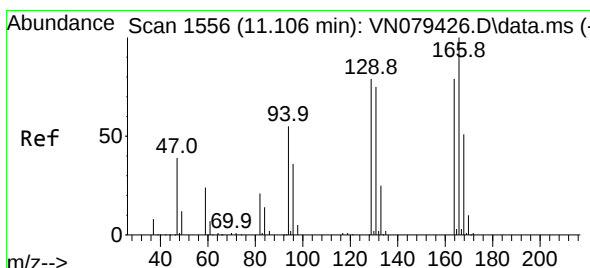
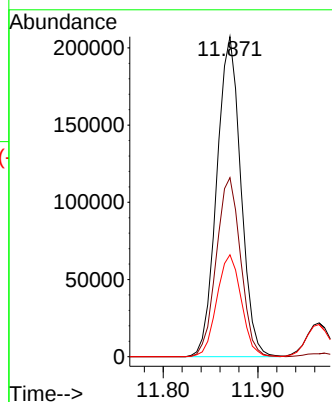
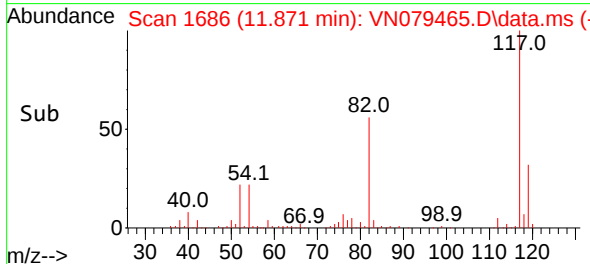
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion:117 Resp: 366440
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 31.8 25.6 38.4

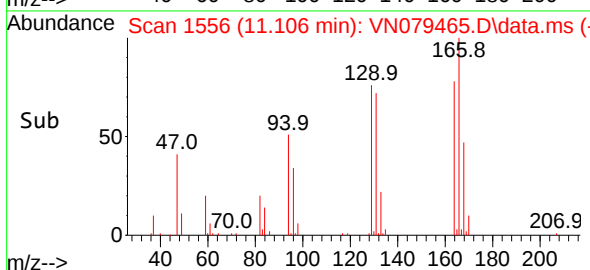
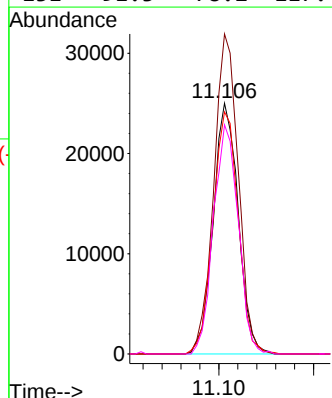
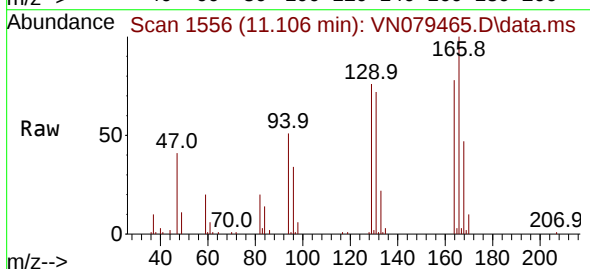
Manual Integrations
APPROVED

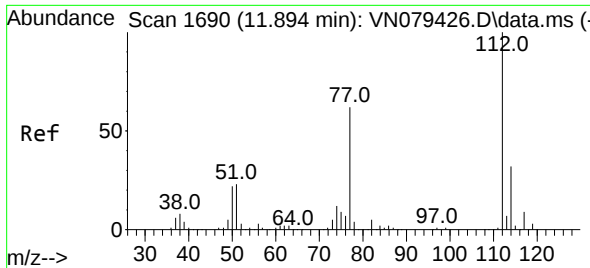
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#64
Tetrachloroethene
Concen: 18.160 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion:164 Resp: 45780
Ion Ratio Lower Upper
164 100
166 127.6 101.4 152.0
129 96.5 82.4 123.6
131 91.3 78.2 117.4





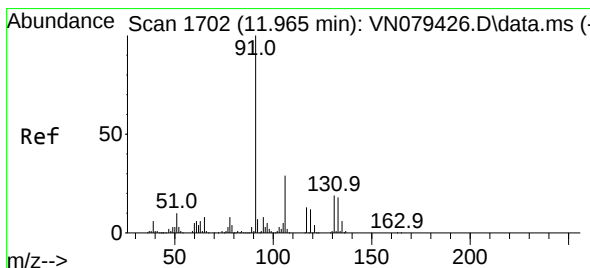
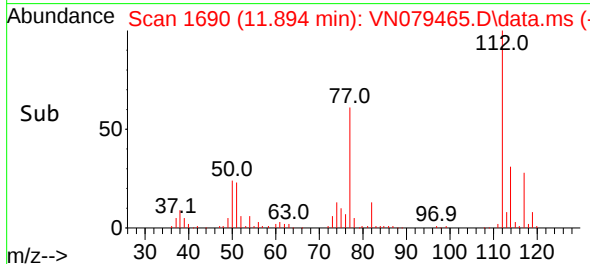
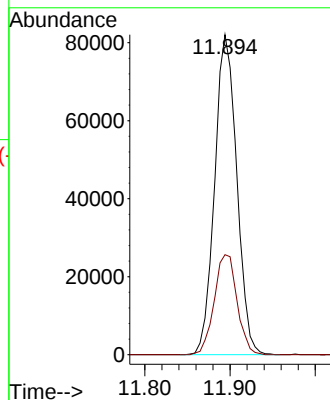
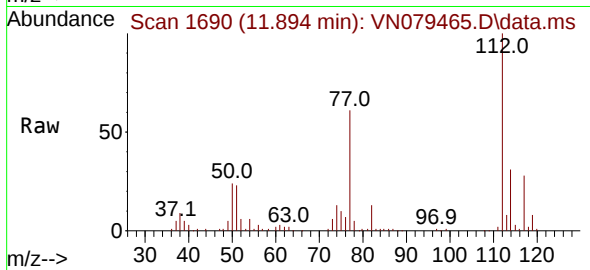
#65
Chlorobenzene
Concen: 18.103 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion:112 Resp: 14773
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

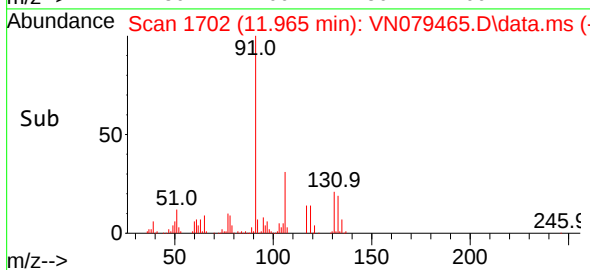
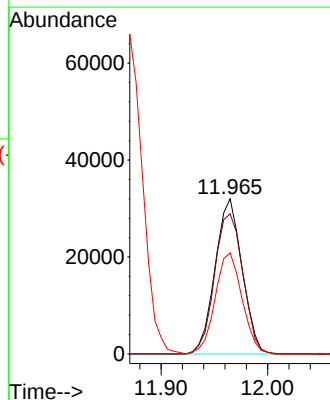
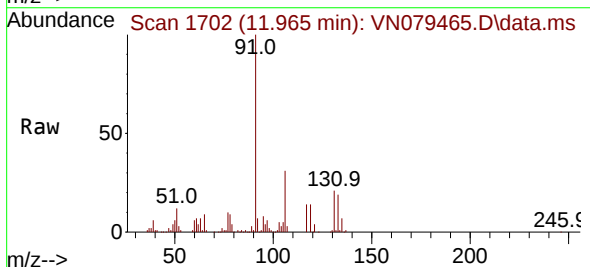
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 18.848 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

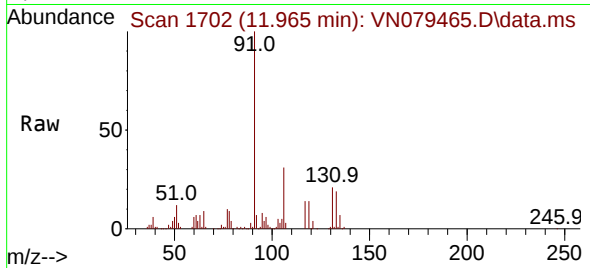
Tgt Ion:131 Resp: 56319
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 18.514 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

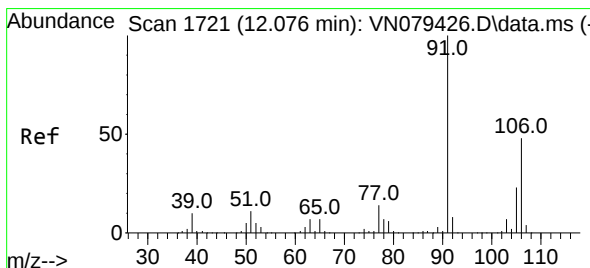
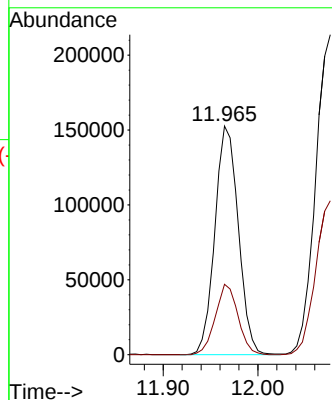
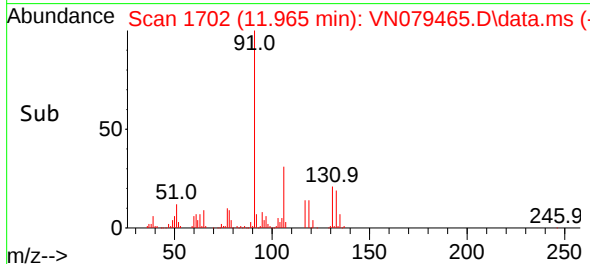
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



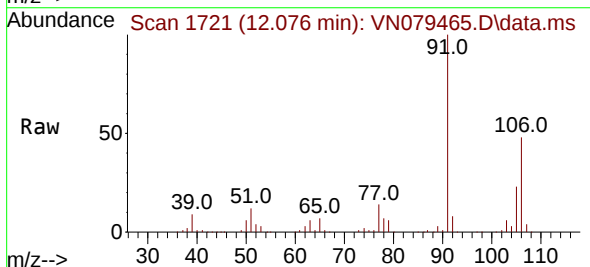
Tgt Ion: 91 Resp: 26261
Ion Ratio Lower Upper
91 100
106 30.8 25.6 38.4

Manual Integrations
APPROVED

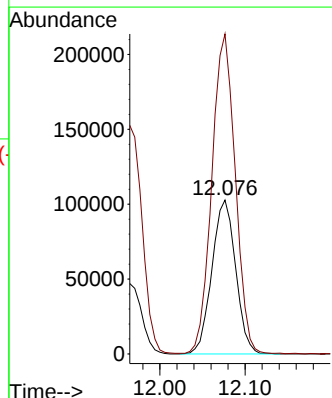
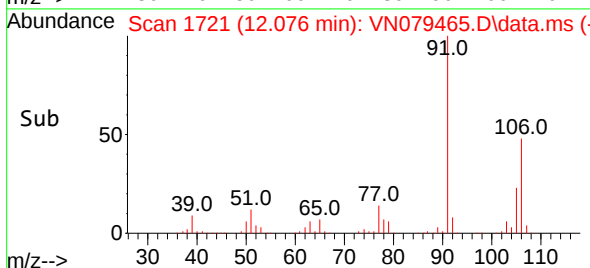
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

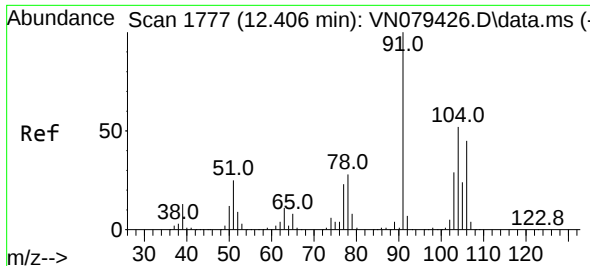


#68
m/p-Xylenes
Concen: 38.649 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion:106 Resp: 199191
Ion Ratio Lower Upper
106 100
91 205.1 159.6 239.4





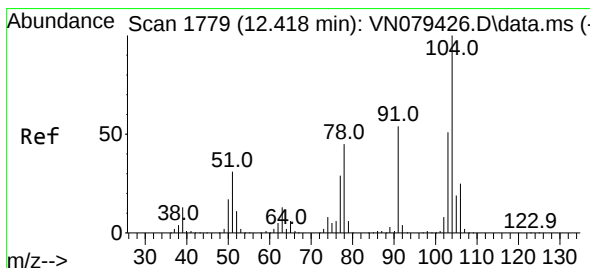
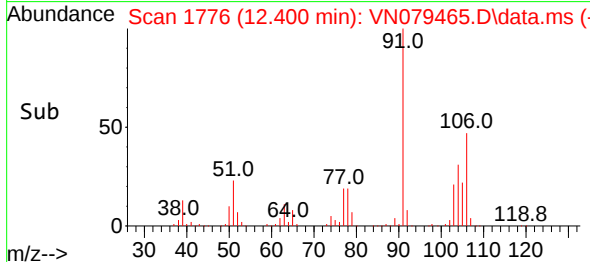
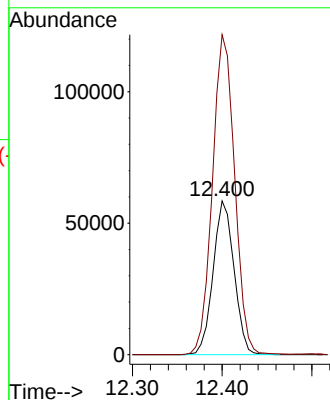
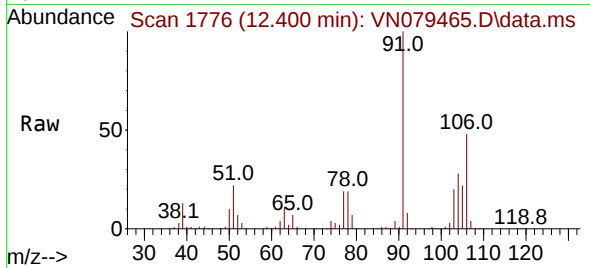
#69
o-Xylene
Concen: 18.691 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion:106 Resp: 9473
Ion Ratio Lower Upper
106 100
91 221.0 105.2 315.5

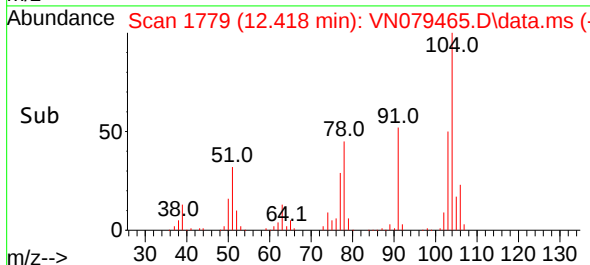
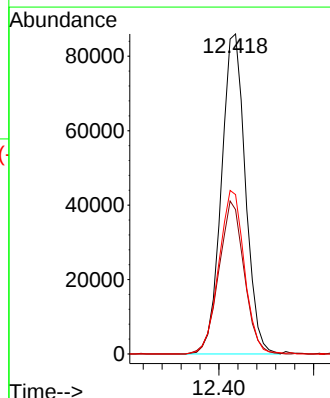
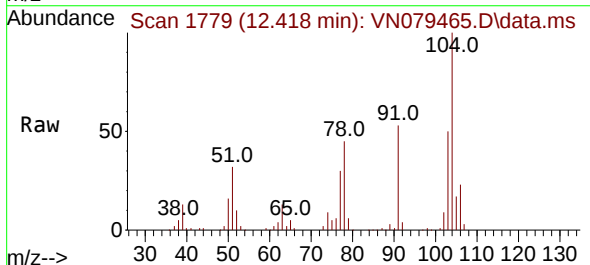
Manual Integrations
APPROVED

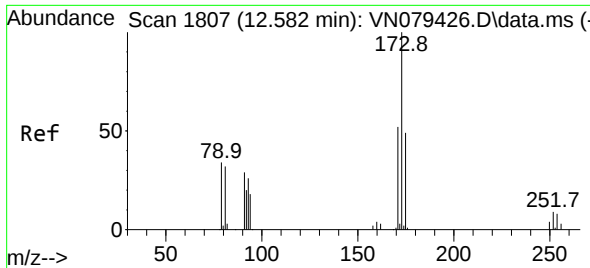
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#70
Styrene
Concen: 18.870 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

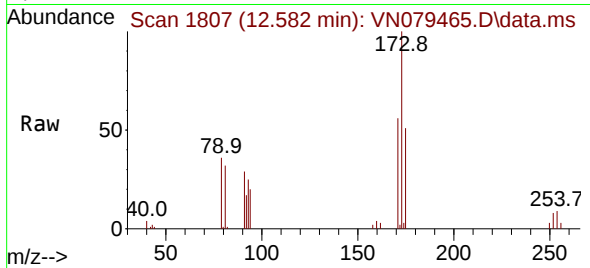
Tgt Ion:104 Resp: 151075
Ion Ratio Lower Upper
104 100
78 50.4 39.5 59.3
103 54.5 43.2 64.8





#71
Bromoform
Concen: 17.686 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

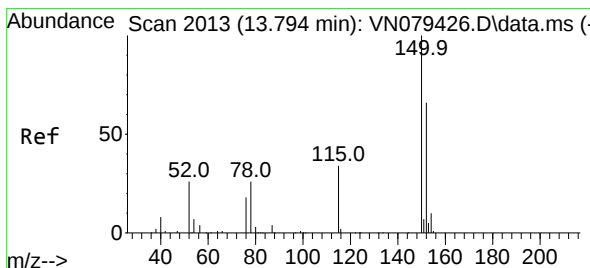
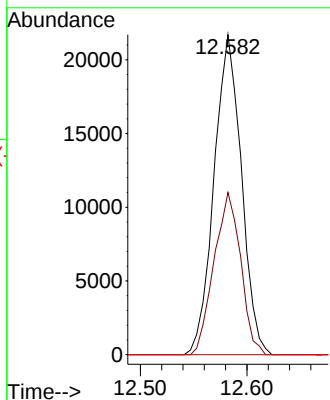
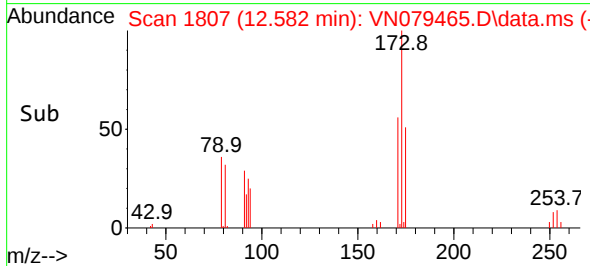
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



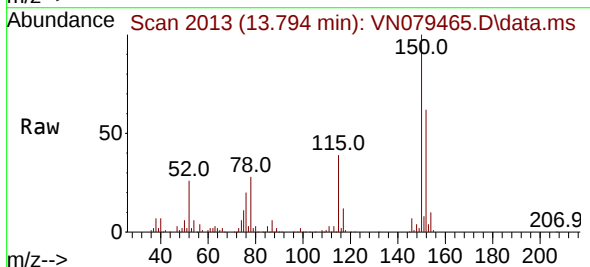
Tgt Ion:173 Resp: 38678
Ion Ratio Lower Upper
173 100
175 49.4 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

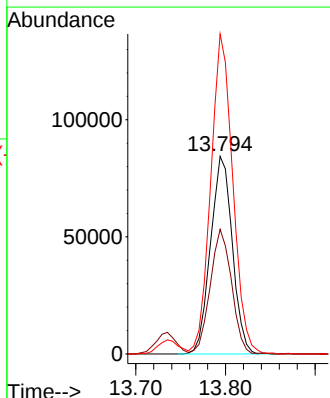
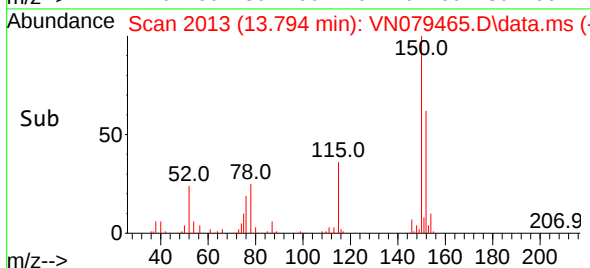
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

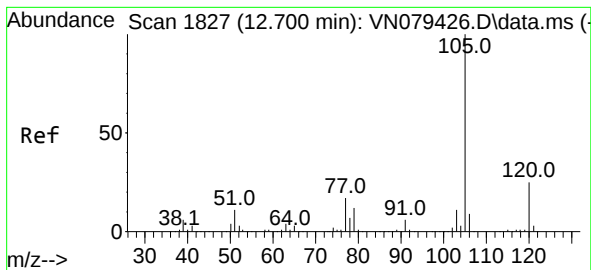


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion:152 Resp: 142582
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 163.1 0.0 355.8





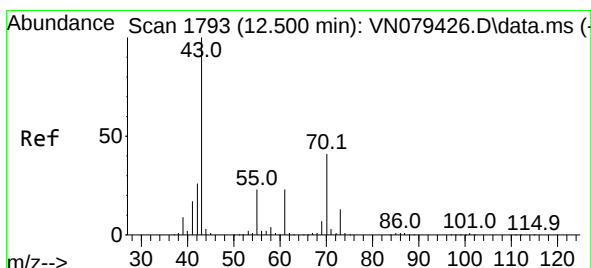
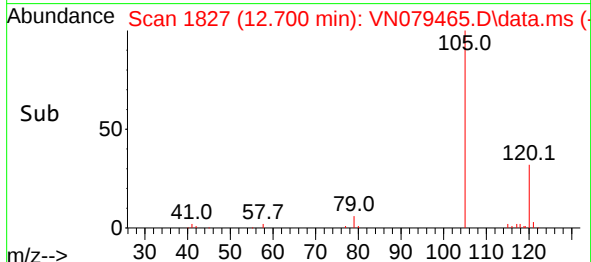
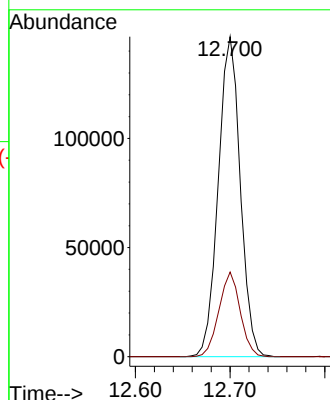
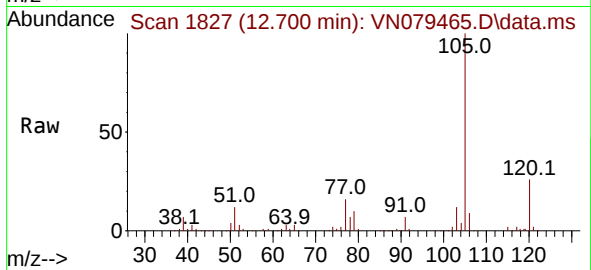
#73
Isopropylbenzene
Concen: 17.838 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion:105 Resp: 23662
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1

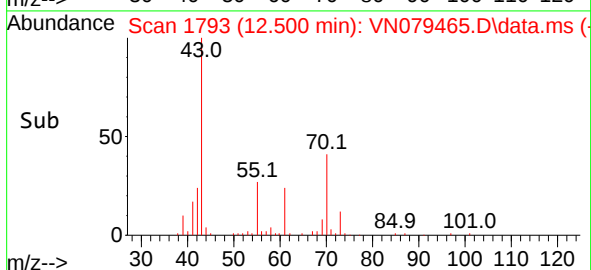
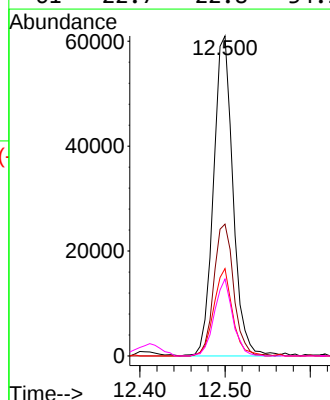
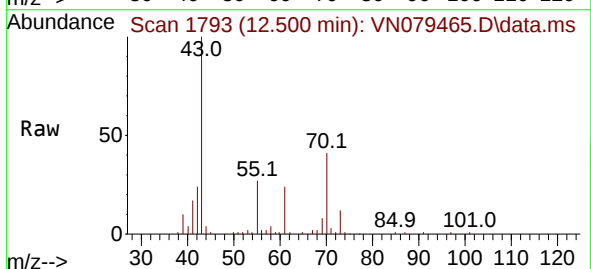
Manual Integrations
APPROVED

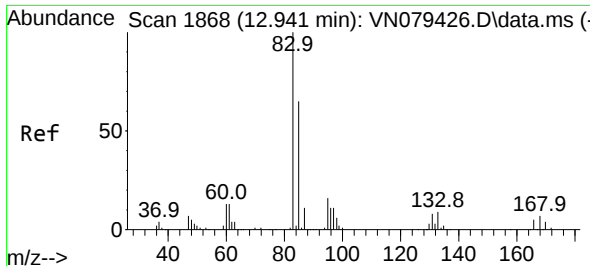
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#74
N-ethyl acetate
Concen: 17.884 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

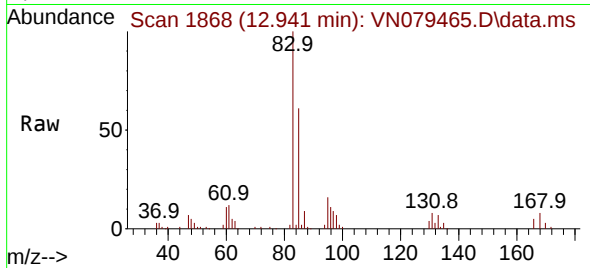
Tgt Ion: 43 Resp: 97256
Ion Ratio Lower Upper
43 100
70 41.9 43.4 65.2#
55 26.3 21.4 32.0
61 22.7 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.452 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

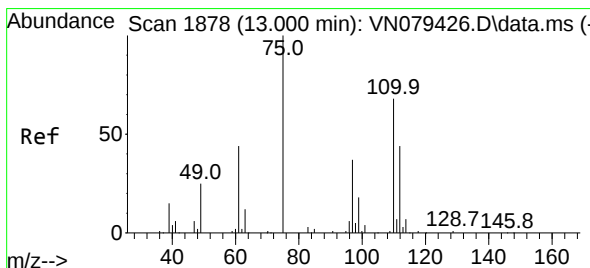
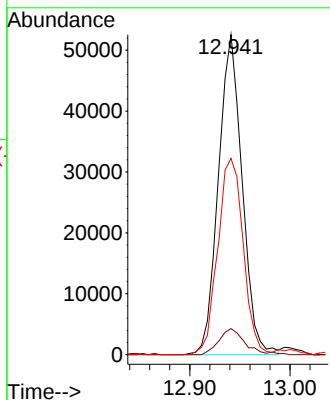
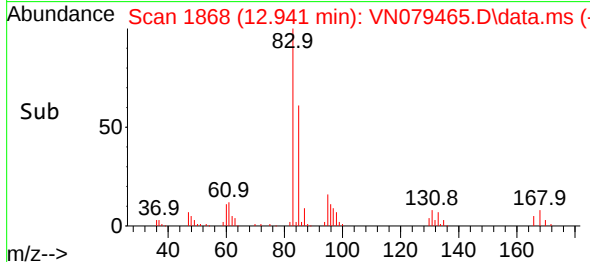
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 83 Resp: 8646
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 65.7 31.9 95.7

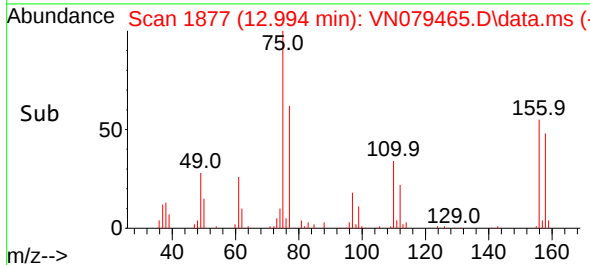
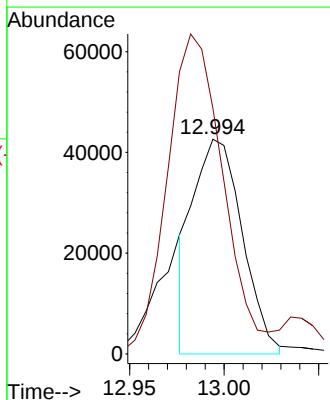
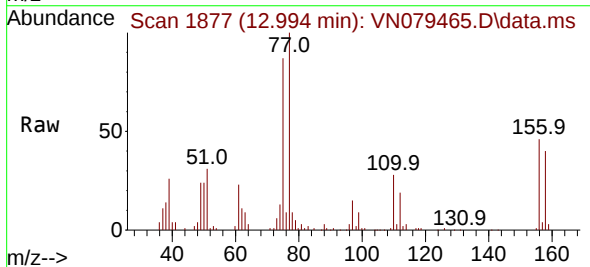
Manual Integrations
APPROVED

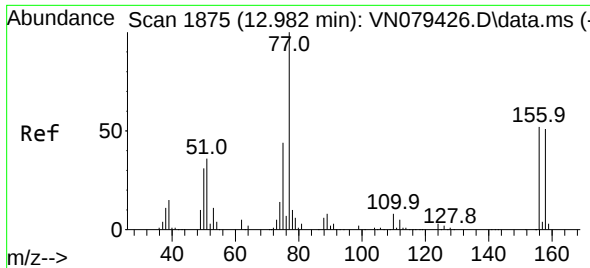
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#76
1,2,3-Trichloropropane
Concen: 18.677 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

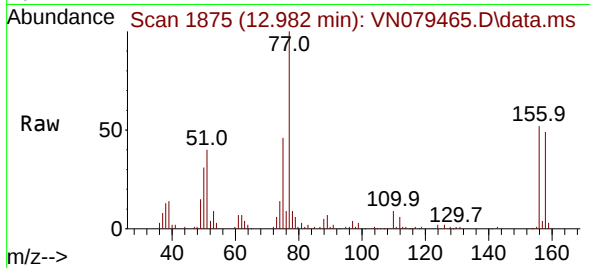
Tgt Ion: 75 Resp: 76780
Ion Ratio Lower Upper
75 100
77 170.0 84.5 253.5





#77
Bromobenzene
Concen: 16.915 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

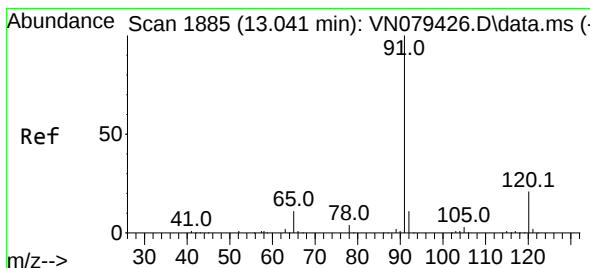
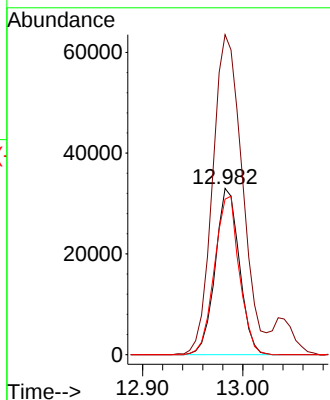
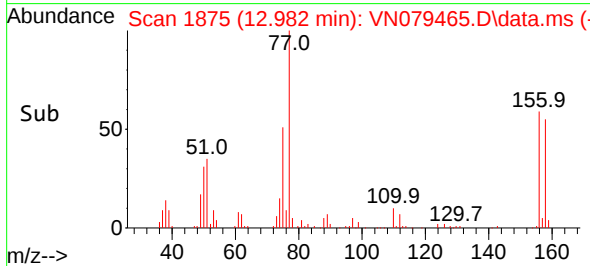
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



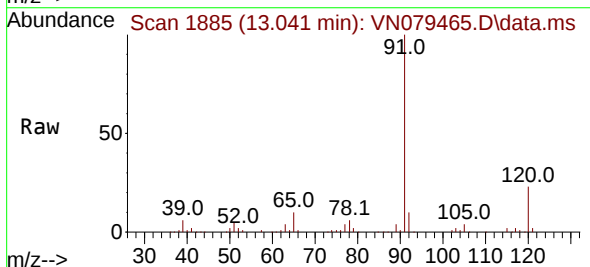
Tgt Ion:156 Resp: 55015
Ion Ratio Lower Upper
156 100
77 237.2 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
APPROVED

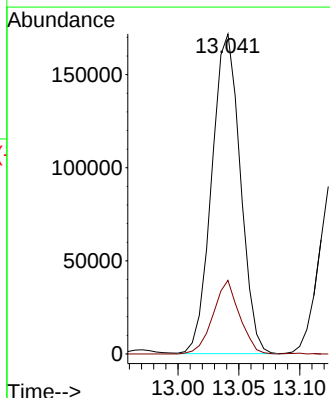
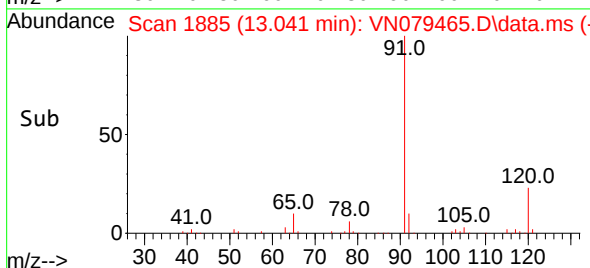
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

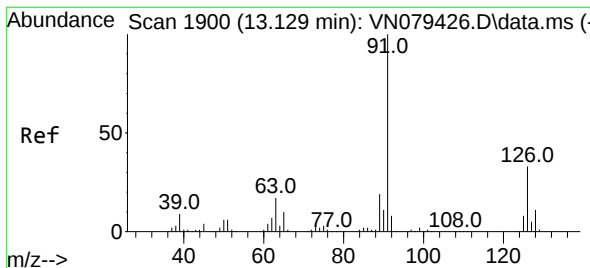


#78
n-propylbenzene
Concen: 18.678 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



Tgt Ion: 91 Resp: 280311
Ion Ratio Lower Upper
91 100
120 21.3 11.5 34.4





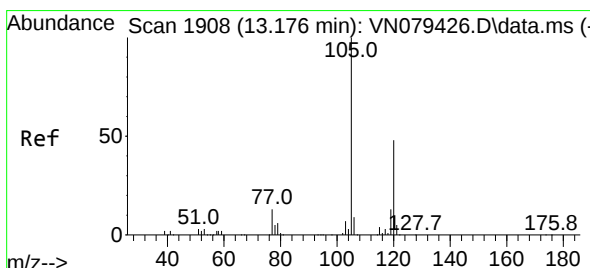
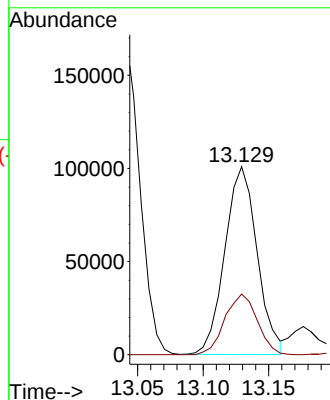
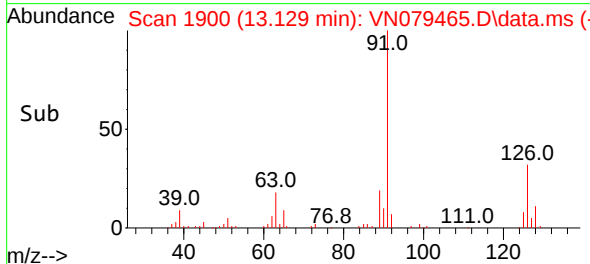
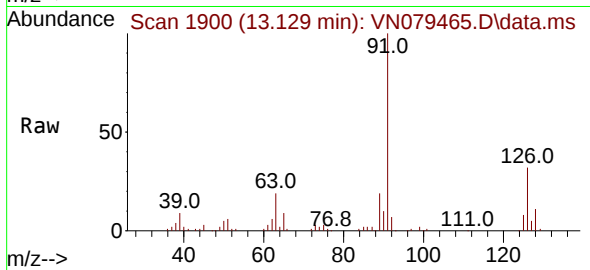
#79
2-Chlorotoluene
Concen: 18.009 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion: 91 Resp: 172949
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

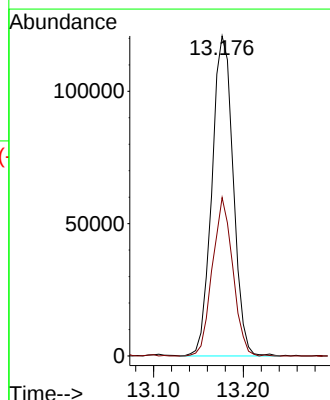
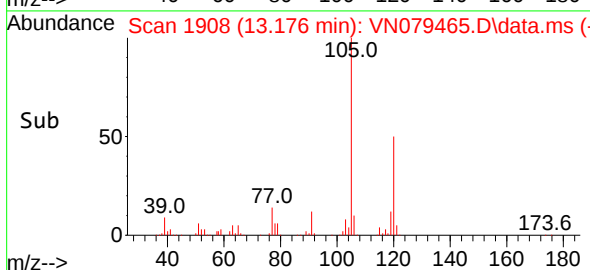
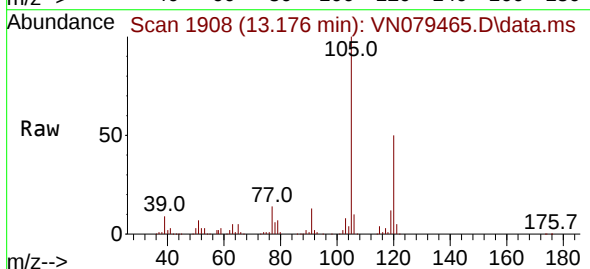
Manual Integrations
APPROVED

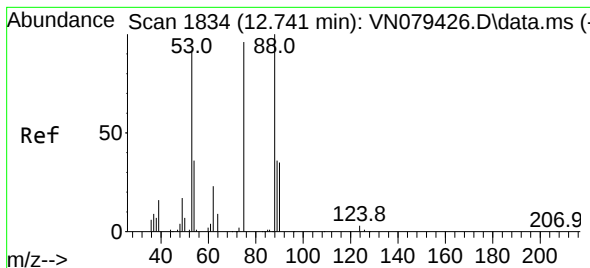
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.042 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

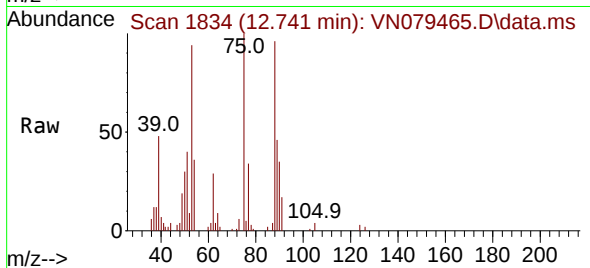
Tgt Ion:105 Resp: 199175
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.247 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

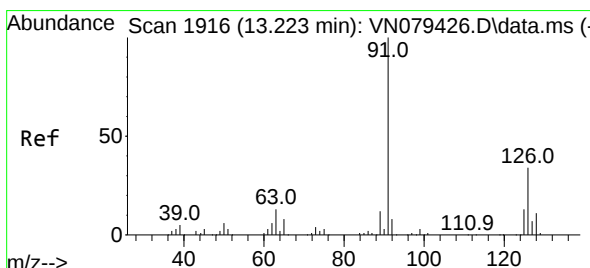
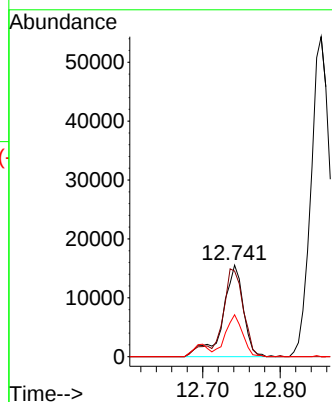
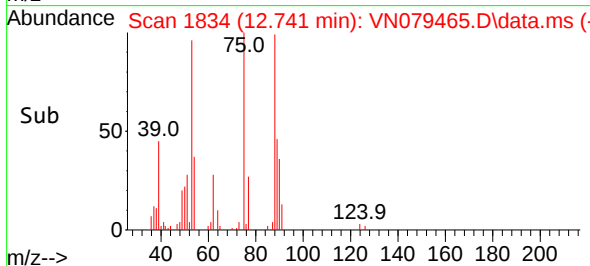
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



Tgt Ion: 75 Resp: 2868
Ion Ratio Lower Upper
75 100
53 100.2 67.4 101.2
89 38.5 38.8 58.2

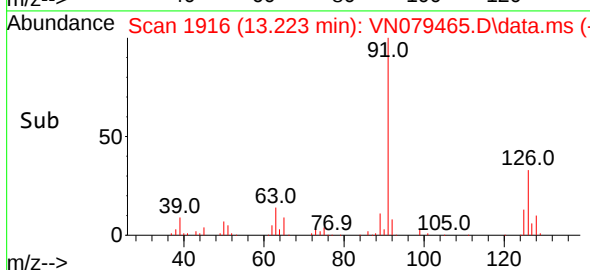
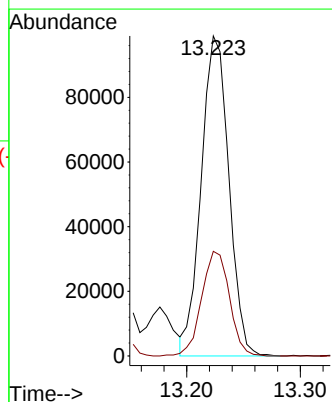
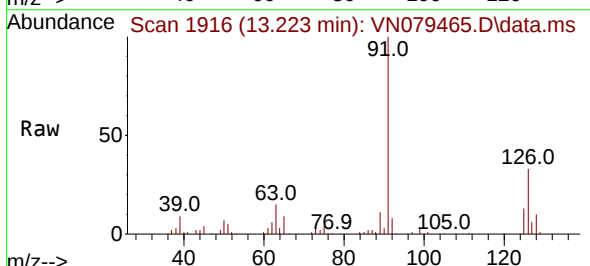
Manual Integrations
APPROVED

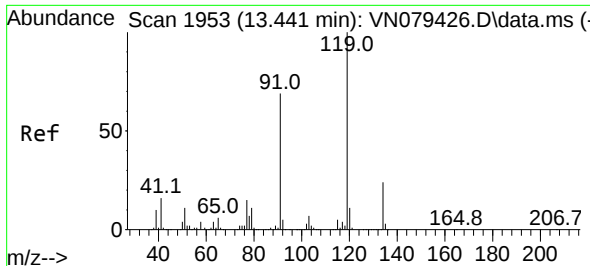
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#82
4-Chlorotoluene
Concen: 18.330 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

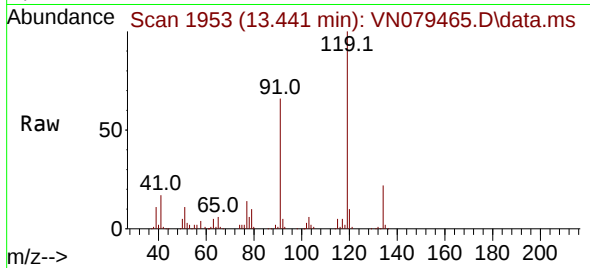
Tgt Ion: 91 Resp: 167506
Ion Ratio Lower Upper
91 100
126 32.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 18.724 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

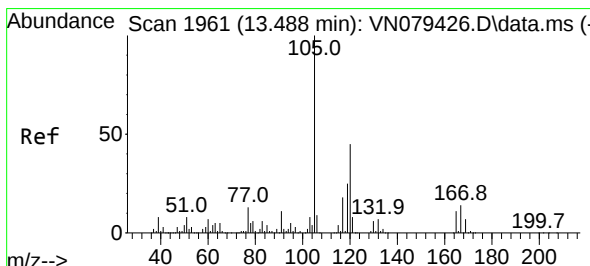
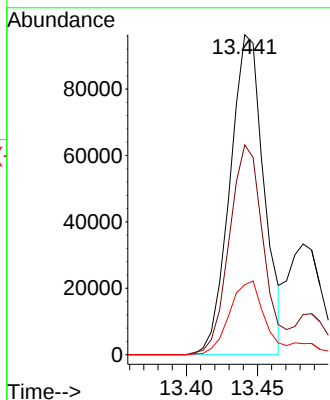
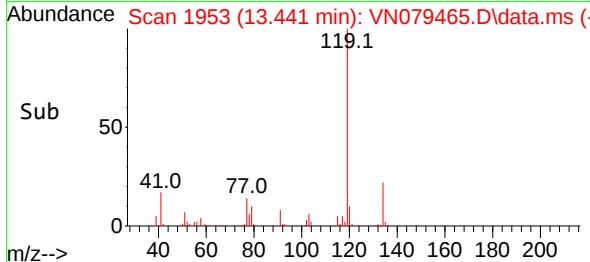
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02



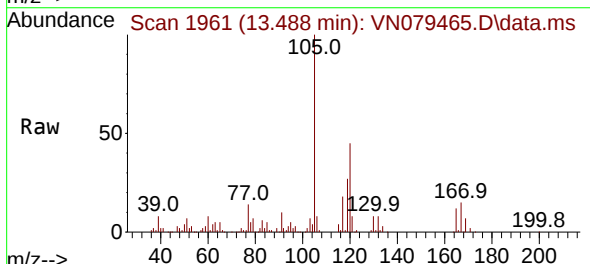
Tgt Ion:119 Resp: 160464
Ion Ratio Lower Upper
119 100
91 66.2 33.9 101.7
134 23.7 13.2 39.6

Manual Integrations
APPROVED

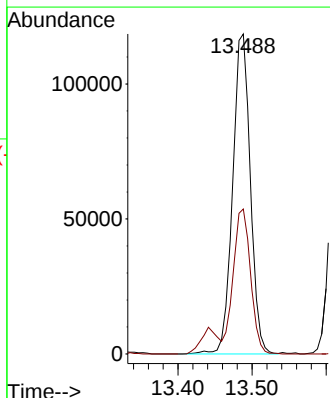
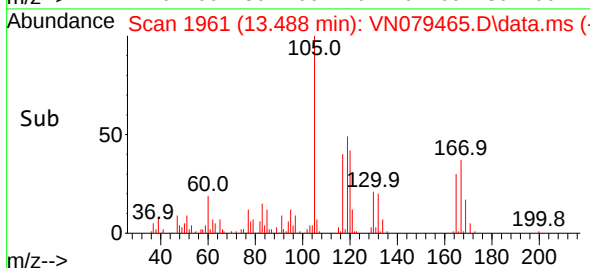
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 19.634 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23



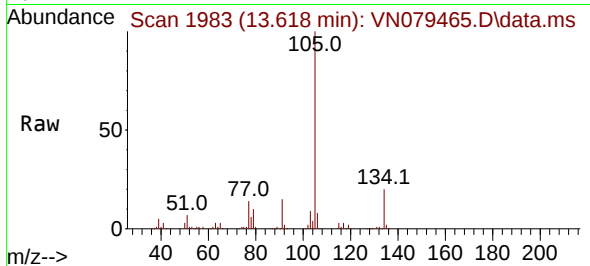
Tgt Ion:105 Resp: 195991
Ion Ratio Lower Upper
105 100
120 44.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.716 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

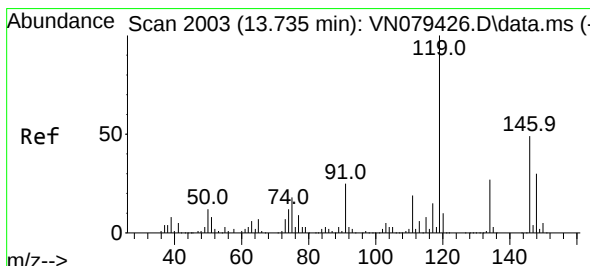
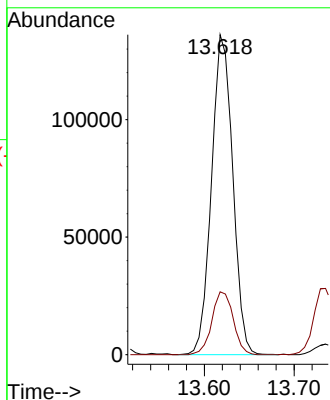
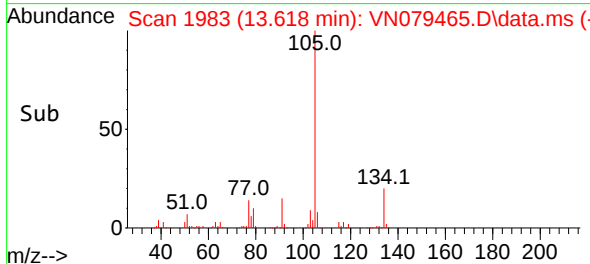
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02



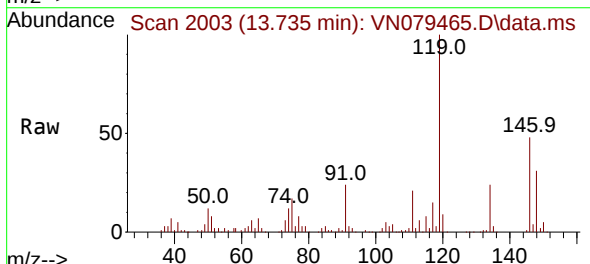
Tgt Ion:105 Resp: 22372
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

Manual Integrations
 APPROVED

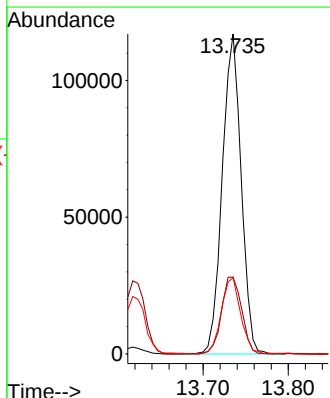
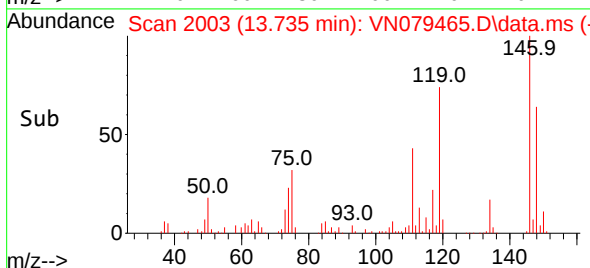
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023

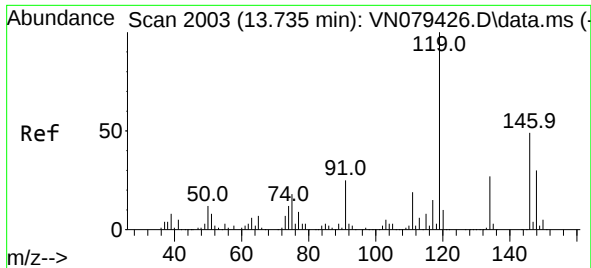


#86
 p-Isopropyltoluene
 Concen: 19.663 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23



Tgt Ion:119 Resp: 180311
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.019 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

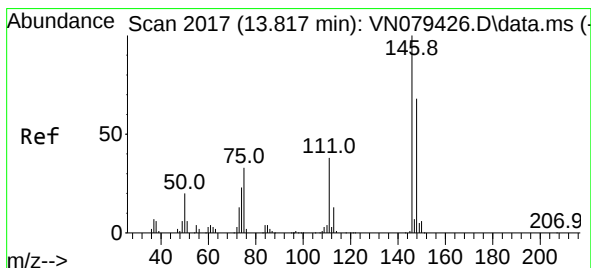
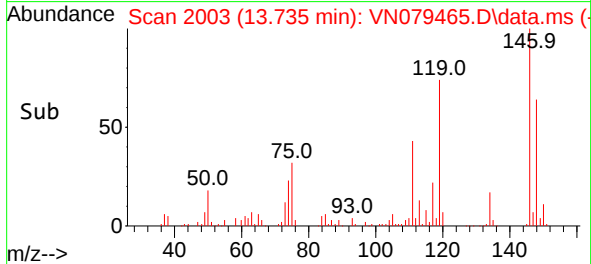
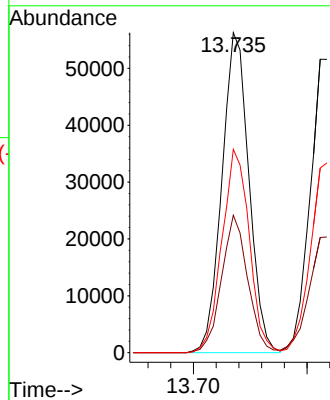
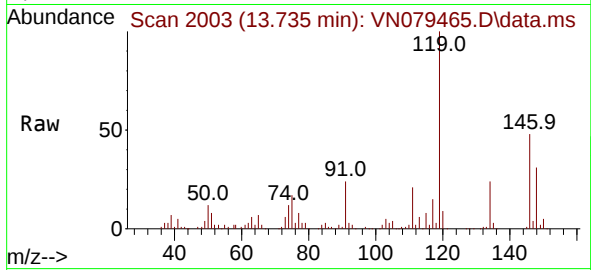
Tgt Ion:146 Resp: 92950
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.1 66.3
 148 64.4 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#88

1,4-Dichlorobenzene

Concen: 17.301 ug/l

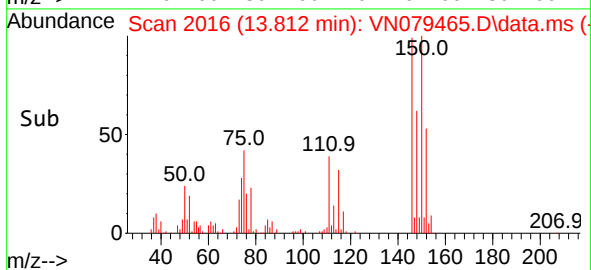
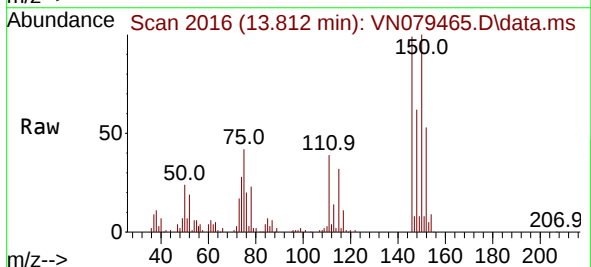
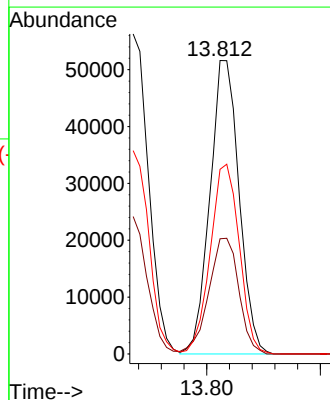
RT: 13.812 min Scan# 2016

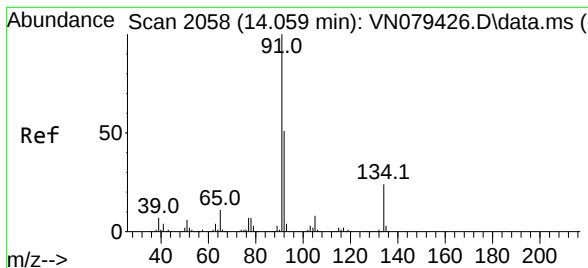
Delta R.T. -0.006 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Tgt Ion:146 Resp: 92155
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.6 61.8
 148 64.4 31.6 94.8





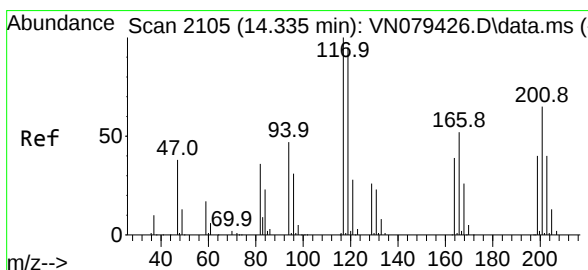
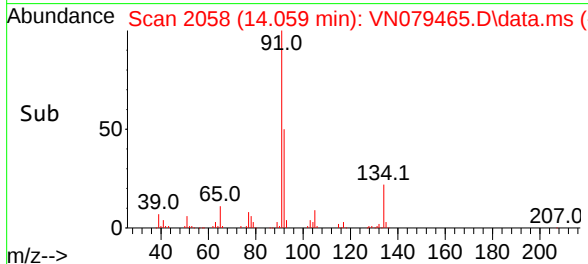
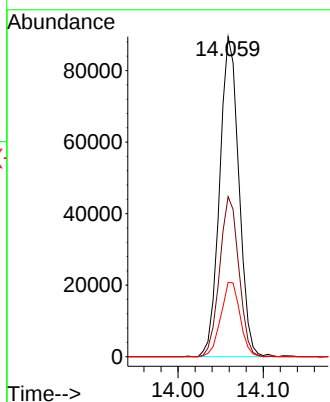
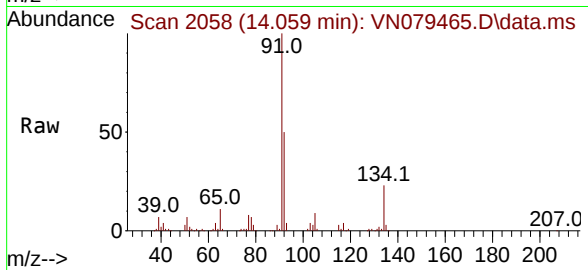
#89
n-Butylbenzene
Concen: 19.150 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tgt Ion: 91 Resp: 14023
Ion Ratio Lower Upper
91 100
92 49.9 26.4 79.0
134 23.3 12.6 37.6

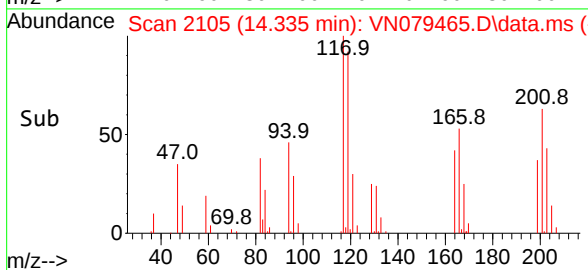
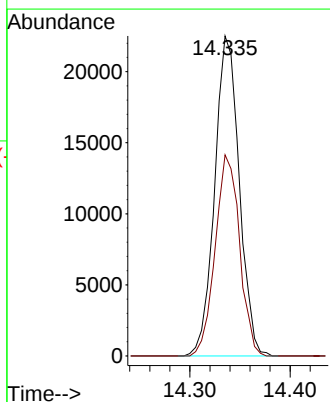
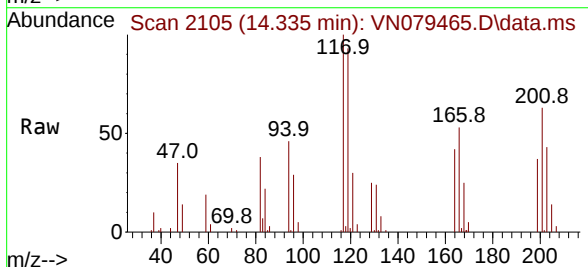
Manual Integrations
APPROVED

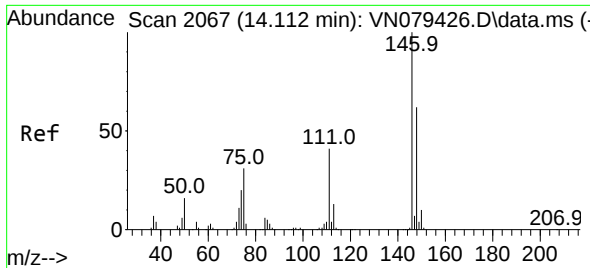
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#90
Hexachloroethane
Concen: 19.916 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079465.D
Acq: 09 Oct 2023 12:23

Tgt Ion:117 Resp: 38248
Ion Ratio Lower Upper
117 100
201 62.3 29.3 88.0





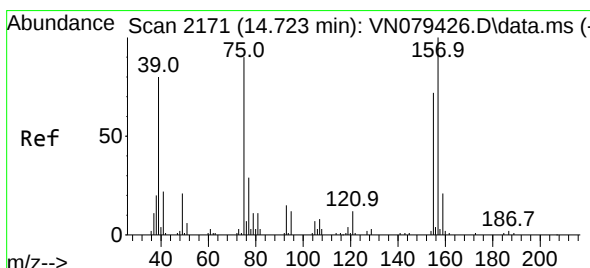
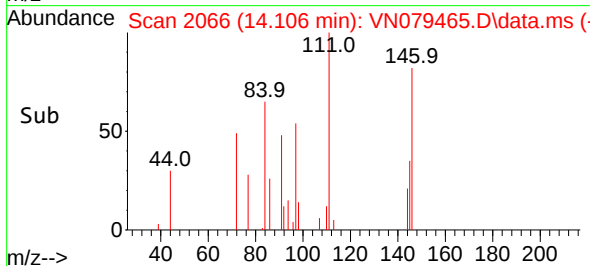
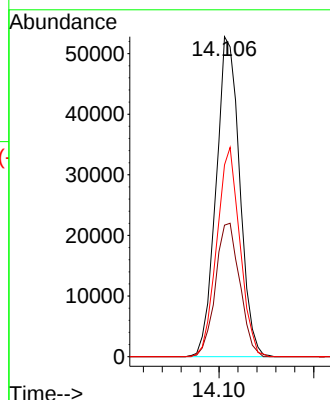
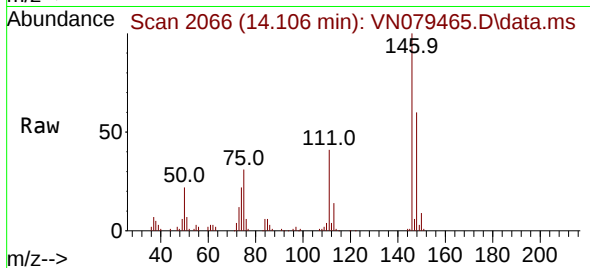
#91
 1,2-Dichlorobenzene
 Concen: 18.154 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.006 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tgt Ion:146 Resp: 91352
 Ion Ratio Lower Upper
 146 100
 111 42.9 22.0 66.0
 148 64.0 31.8 95.3

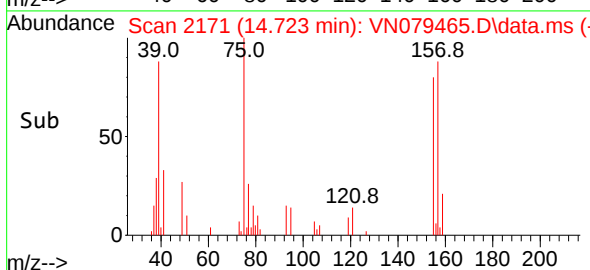
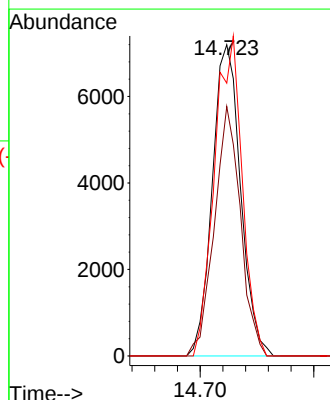
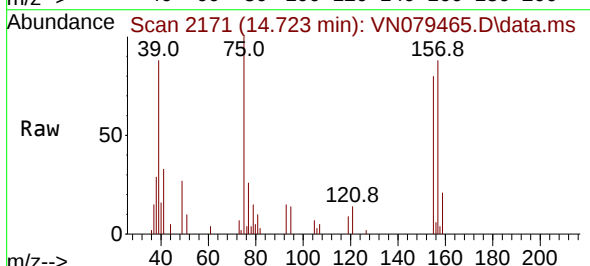
Manual Integrations
 APPROVED

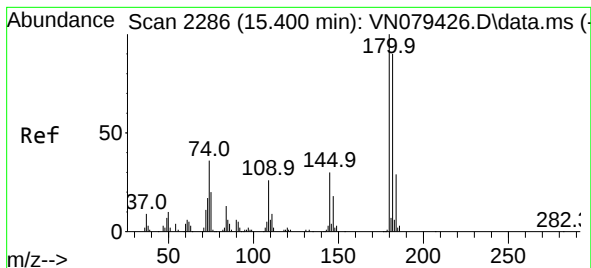
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.205 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN079465.D
 Acq: 09 Oct 2023 12:23

Tgt Ion: 75 Resp: 12430
 Ion Ratio Lower Upper
 75 100
 155 74.2 39.1 117.2
 157 101.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 15.502 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

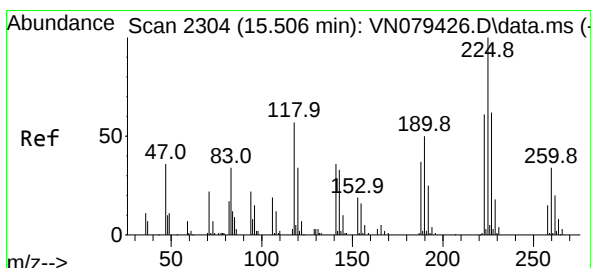
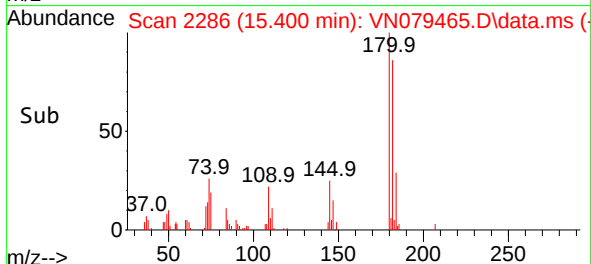
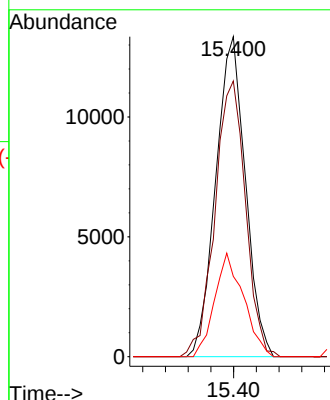
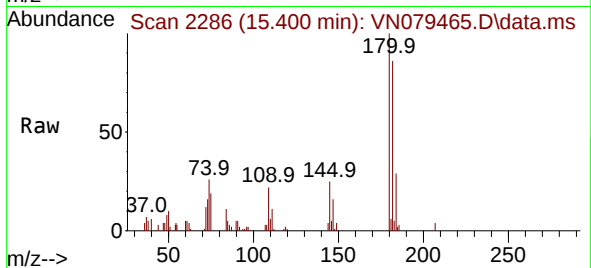
Tgt Ion:180	Resp:	2415
Ion Ratio	Lower	Upper
180	100	
182	88.7	46.1 138.2
145	31.6	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#94

Hexachlorobutadiene

Concen: 18.532 ug/l

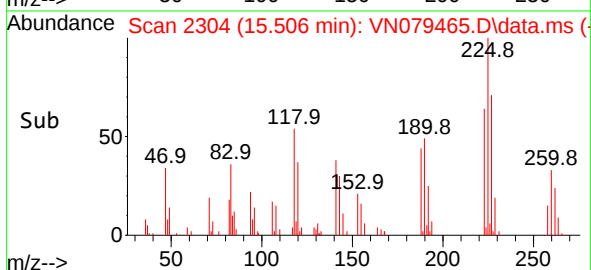
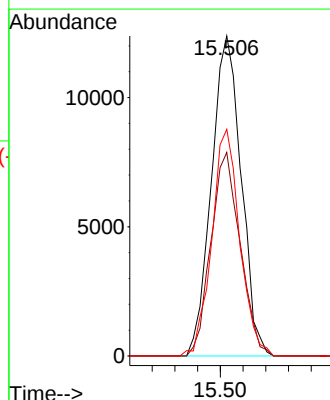
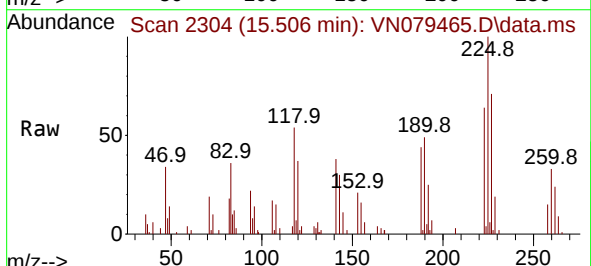
RT: 15.506 min Scan# 2304

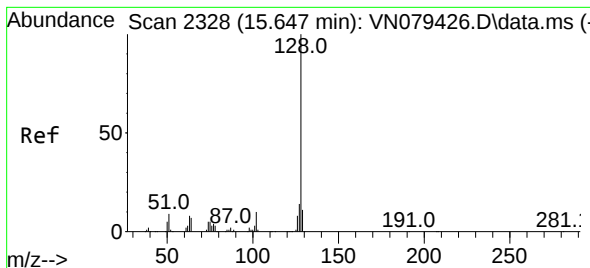
Delta R.T. 0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Tgt Ion:225	Resp:	22494
Ion Ratio	Lower	Upper
225	100	
223	62.6	31.3 93.8
227	66.5	31.9 95.9





#95

Naphthalene

Concen: 12.893 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

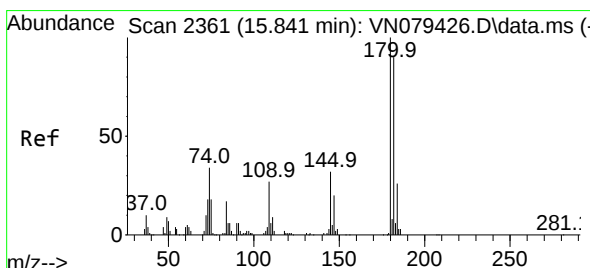
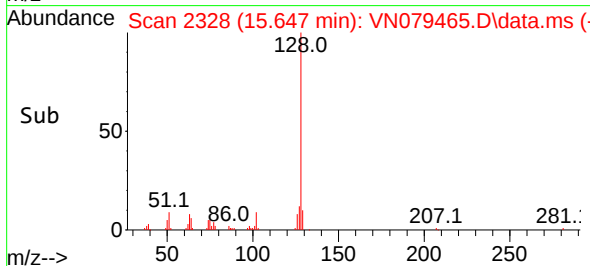
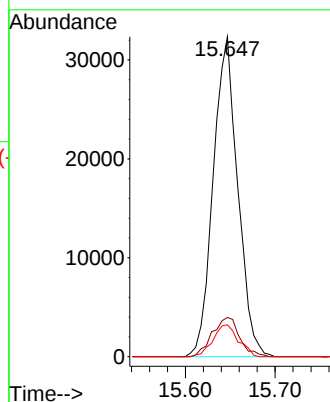
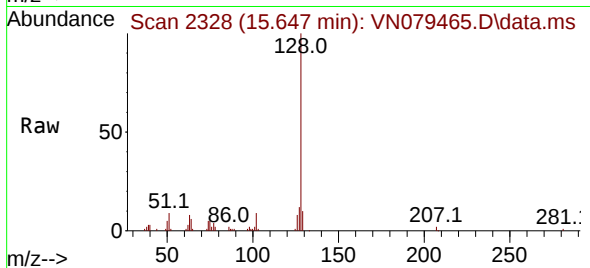
Tgt Ion:128 Resp: 61358
 Ion Ratio Lower Upper
 128 100
 127 13.7 10.0 15.0
 129 10.3 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 14.904 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079465.D

Acq: 09 Oct 2023 12:23

Tgt Ion:180 Resp: 27718
 Ion Ratio Lower Upper
 180 100
 182 92.3 46.2 138.6
 145 34.7 17.5 52.6

