

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100923\
 Data File : VN079464.D
 Acq On : 09 Oct 2023 11:49
 Operator : JC\MD
 Sample : VN1009WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 09 23:11:57 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	268921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	482227	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	424219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229469	52.626	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.260%			
35) Dibromofluoromethane	8.171	113	178991	51.650	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	10.571	98	688617	54.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.840%			
62) 4-Bromofluorobenzene	12.853	95	211824	52.640	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	82343	21.368	ug/l	98
3) Chloromethane	2.365	50	93489	19.444	ug/l	95
4) Vinyl Chloride	2.518	62	102075	20.410	ug/l	95
5) Bromomethane	2.948	94	58129	19.415	ug/l	99
6) Chloroethane	3.118	64	69246	18.365	ug/l	99
7) Trichlorofluoromethane	3.501	101	124080	21.012	ug/l	99
8) Diethyl Ether	3.959	74	42689	20.278	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.377	101	69399	20.111	ug/l	98
10) Methyl Iodide	4.595	142	69770	23.300	ug/l	92
11) Tert butyl alcohol	5.530	59	55486	84.548	ug/l #	92
12) 1,1-Dichloroethene	4.342	96	64310	20.240	ug/l	84
13) Acrolein	4.183	56	81037	124.012	ug/l	96
14) Allyl chloride	5.024	41	101859	19.865	ug/l #	90
15) Acrylonitrile	5.724	53	185410	97.450	ug/l	98
16) Acetone	4.424	43	191421	110.683	ug/l #	86
17) Carbon Disulfide	4.718	76	193870	19.561	ug/l	100
18) Methyl Acetate	5.030	43	156358	18.472	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	211009	20.439	ug/l	97
20) Methylene Chloride	5.283	84	79762	20.708	ug/l #	89
21) trans-1,2-Dichloroethene	5.789	96	72817	19.622	ug/l #	78
22) Diisopropyl ether	6.677	45	242318	21.076	ug/l #	92
23) Vinyl Acetate	6.606	43	671783	103.873	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	147222	20.922	ug/l	99
25) 2-Butanone	7.488	43	257746	100.412	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	116685	21.699	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	80938	20.076	ug/l	84
28) Bromochloromethane	7.818	49	76362	22.808	ug/l #	74
29) Tetrahydrofuran	7.841	42	162561	97.921	ug/l #	75
30) Chloroform	7.971	83	147195	20.704	ug/l	95
31) Cyclohexane	8.259	56	123623	19.987	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	127627	21.331	ug/l	95
36) 1,1-Dichloropropene	8.377	75	108541	20.869	ug/l	94
37) Ethyl Acetate	7.565	43	97132	18.768	ug/l #	92
38) Carbon Tetrachloride	8.365	117	107874	20.718	ug/l	97
39) Methylcyclohexane	9.606	83	106538	21.320	ug/l #	82
40) Benzene	8.612	78	321438	20.810	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52254	19.205	ug/l	87
42) 1,2-Dichloroethane	8.671	62	115530	20.584	ug/l	97
43) Isopropyl Acetate	8.694	43	186909	20.614	ug/l #	85
44) Trichloroethene	9.353	130	73339	20.173	ug/l	99
45) 1,2-Dichloropropane	9.624	63	84230	20.696	ug/l	99
46) Dibromomethane	9.712	93	55529	21.067	ug/l	94
47) Bromodichloromethane	9.894	83	117077	21.593	ug/l #	96
48) Methyl methacrylate	9.682	41	77432	19.929	ug/l #	80
49) 1,4-Dioxane	9.694	88	27998	391.215	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	514977	100.615	ug/l	89
52) Toluene	10.635	92	195897	21.545	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	114638	20.980	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	127361	21.293	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	76395	20.928	ug/l	93
56) Ethyl methacrylate	10.877	69	106380	21.208	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	129608	20.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	232983	121.285	ug/l #	88
59) 2-Hexanone	11.200	43	371917	100.697	ug/l	87
60) Dibromochloromethane	11.365	129	80149	21.847	ug/l	98
61) 1,2-Dibromoethane	11.471	107	73588	20.314	ug/l	99
64) Tetrachloroethene	11.106	164	58952	20.201	ug/l	96
65) Chlorobenzene	11.894	112	197395	20.894	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	73437	21.230	ug/l	95
67) Ethyl Benzene	11.965	91	356284	21.697	ug/l	96
68) m/p-Xylenes	12.076	106	266727	44.705	ug/l	95
69) o-Xylene	12.400	106	127238	21.685	ug/l	96
70) Styrene	12.418	104	204489	22.063	ug/l	98
71) Bromoform	12.582	173	51299	20.263	ug/l #	99
73) Isopropylbenzene	12.700	105	322122	19.933	ug/l	100
74) N-amyl acetate	12.500	43	125098	18.883	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	113981	21.151	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	97243m	19.416	ug/l	
77) Bromobenzene	12.982	156	75263	18.994	ug/l	95
78) n-propylbenzene	13.041	91	383519	20.976	ug/l	96
79) 2-Chlorotoluene	13.129	91	230494	19.701	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	269854	21.177	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	33659	19.500	ug/l	85
82) 4-Chlorotoluene	13.229	91	218389	19.616	ug/l	99
83) tert-Butylbenzene	13.441	119	211730	20.280	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	263380	21.658	ug/l	100
85) sec-Butylbenzene	13.618	105	306737	21.063	ug/l	99
86) p-Isopropyltoluene	13.735	119	241986	21.661	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	129053	20.535	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	120580	18.581	ug/l	99
89) n-Butylbenzene	14.059	91	188020	21.076	ug/l	99
90) Hexachloroethane	14.335	117	52450	22.552	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	120908	19.723	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16206	17.343	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	32330	17.028	ug/l	98
94) Hexachlorobutadiene	15.506	225	28568	19.319	ug/l	96
95) Naphthalene	15.647	128	78324	13.509	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	36524	16.120	ug/l	97

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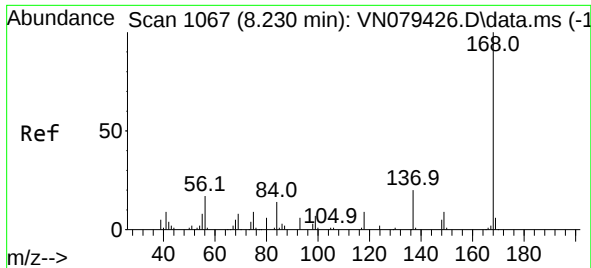
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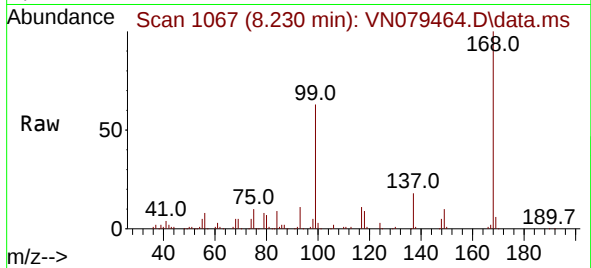
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079464.D
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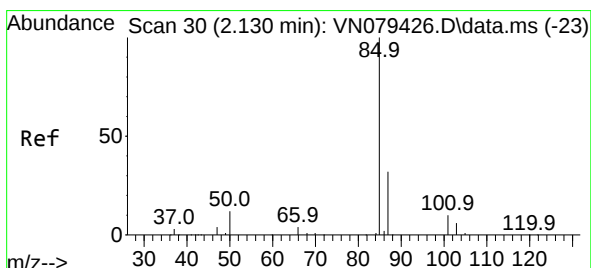
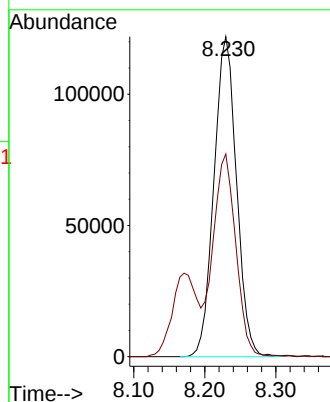
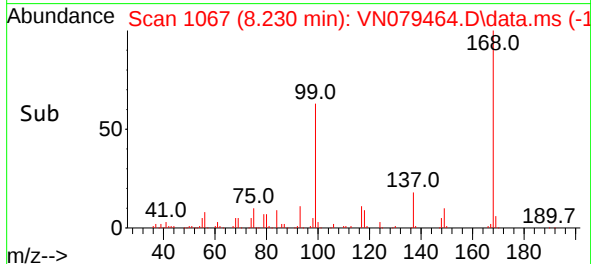
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion:168 Resp: 26892
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6

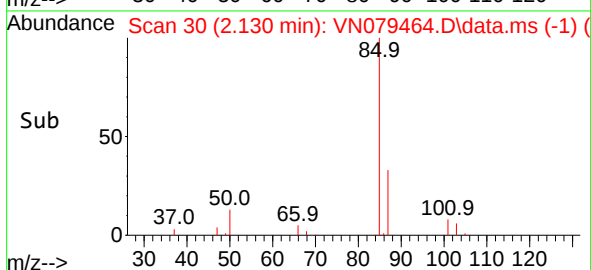
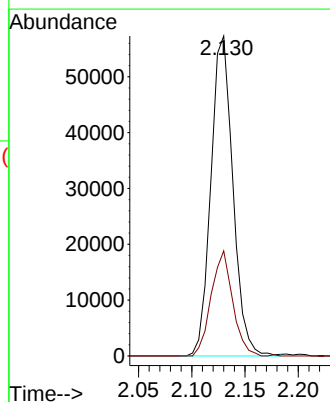
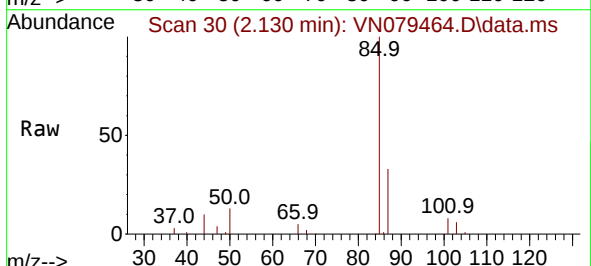
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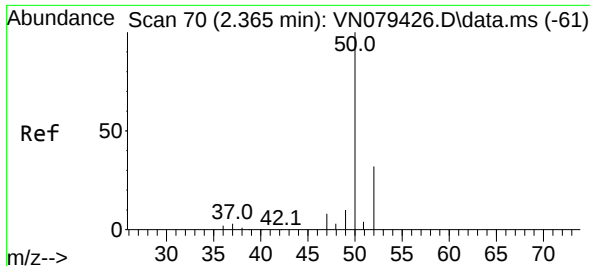
Reviewed By :John Carlone 10/10/2023
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#2
Dichlorodifluoromethane
Concen: 21.368 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

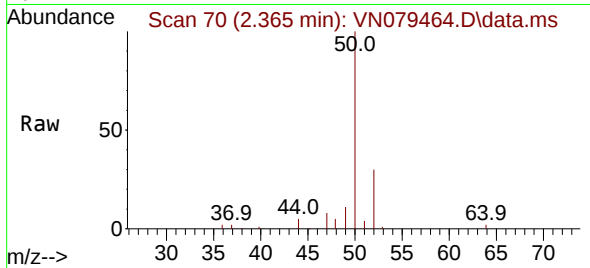
Tgt Ion: 85 Resp: 82343
Ion Ratio Lower Upper
85 100
87 32.8 15.8 47.4





#3
Chloromethane
Concen: 19.444 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

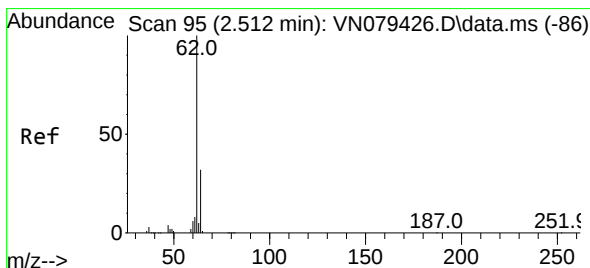
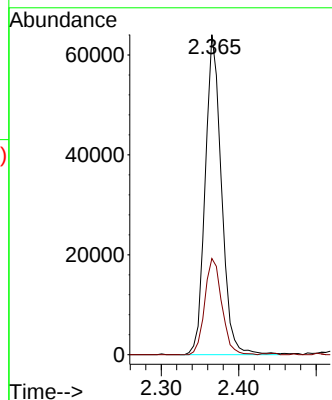
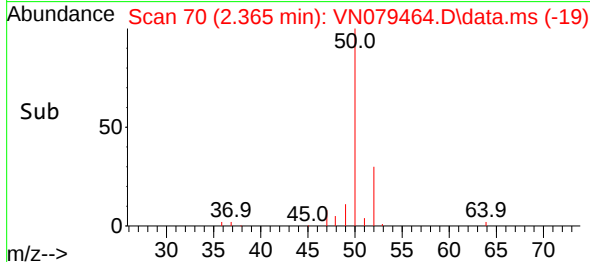
Instrument :
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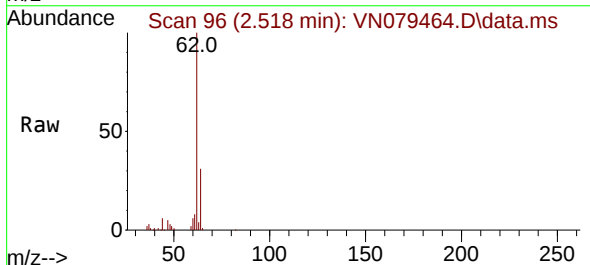
Tgt Ion: 50 Resp: 93489
Ion Ratio Lower Upper
50 100
52 30.0 26.5 39.7

Manual Integrations
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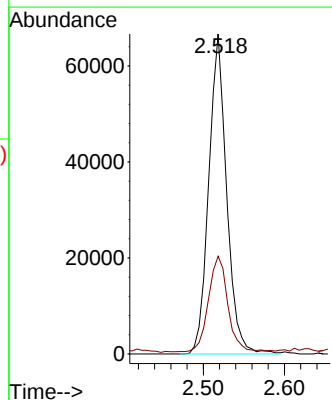
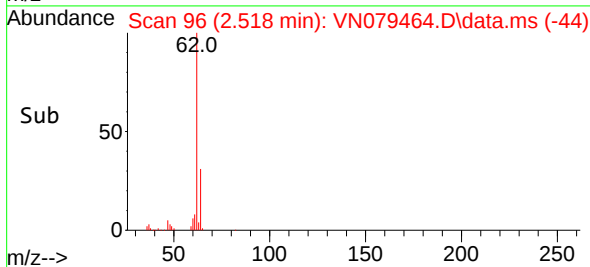
Reviewed By :John Carlone 10/10/2023
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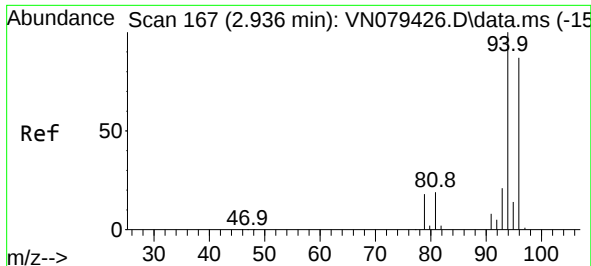


#4
Vinyl Chloride
Concen: 20.410 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion: 62 Resp: 102075
Ion Ratio Lower Upper
62 100
64 29.8 26.2 39.2





#5

Bromomethane

Concen: 19.415 ug/l

RT: 2.948 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion: 94 Resp: 58129

Ion Ratio Lower Upper

94 100

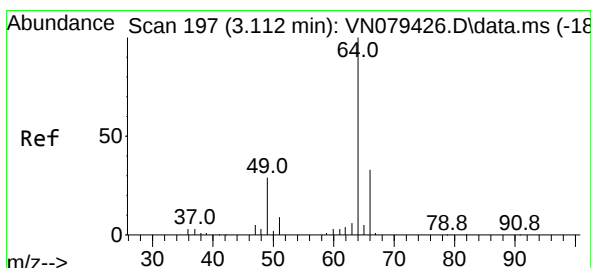
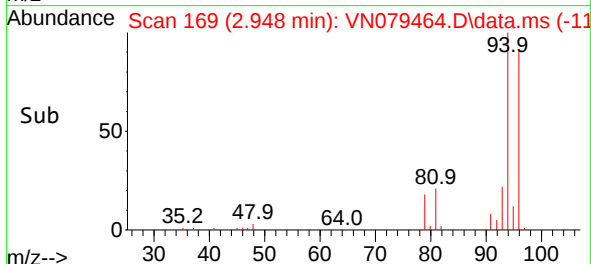
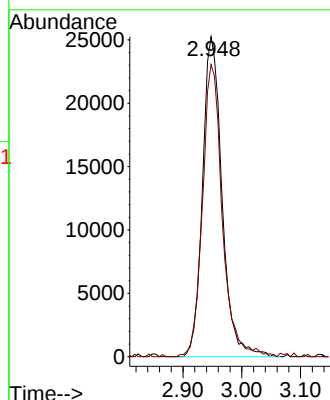
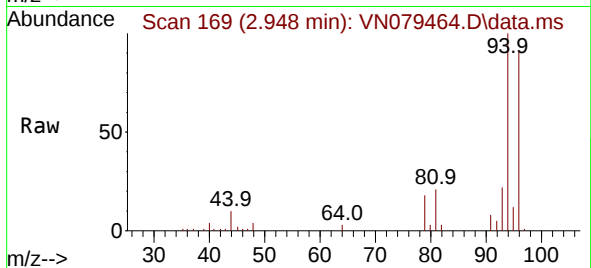
96 90.7 73.1 109.7

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#6

Chloroethane

Concen: 18.365 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.006 min

Lab File: VN079464.D

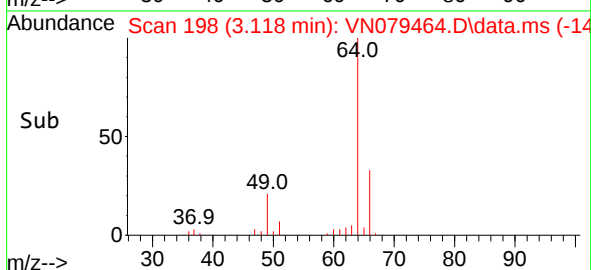
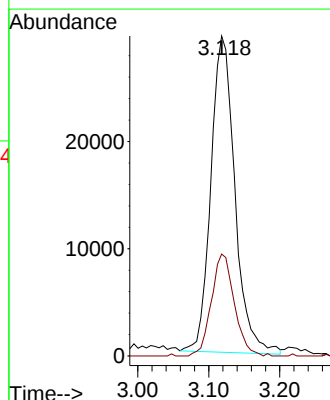
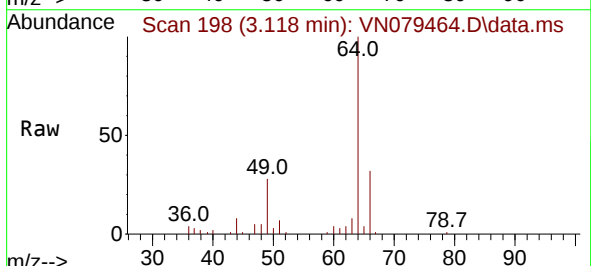
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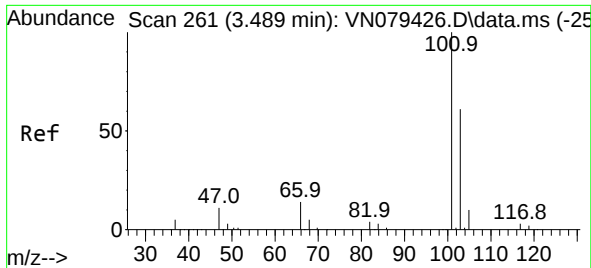
Tgt Ion: 64 Resp: 69246

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.2





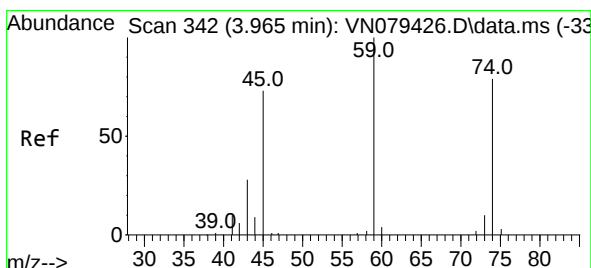
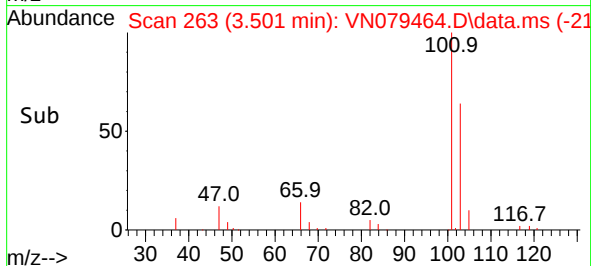
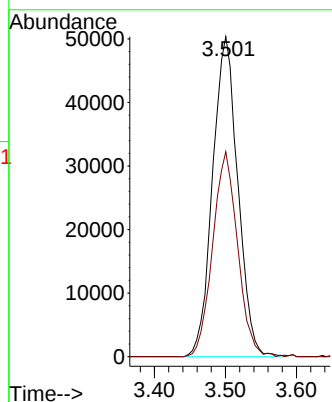
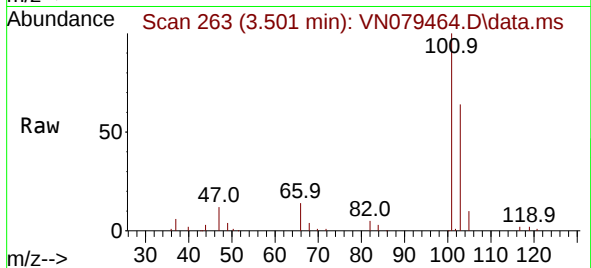
#7
Trichlorofluoromethane
Concen: 21.012 ug/l
RT: 3.501 min Scan# 210
Delta R.T. 0.012 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:101 Resp: 124080
Ion Ratio Lower Upper
101 100
103 64.0 50.7 76.1

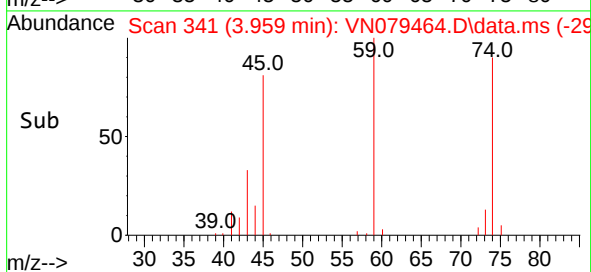
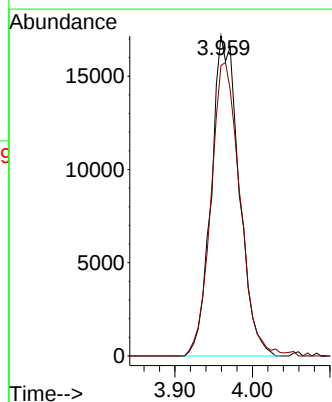
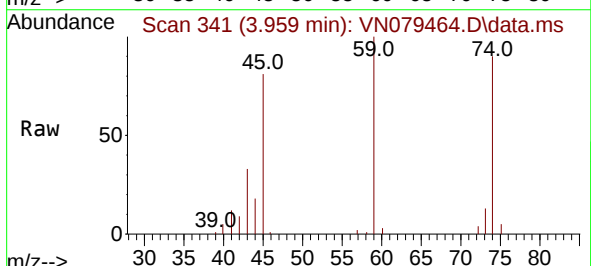
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#8
Diethyl Ether
Concen: 20.278 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 74 Resp: 42689
Ion Ratio Lower Upper
74 100
45 96.3 34.4 103.3





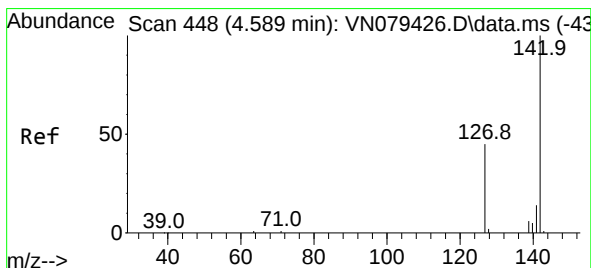
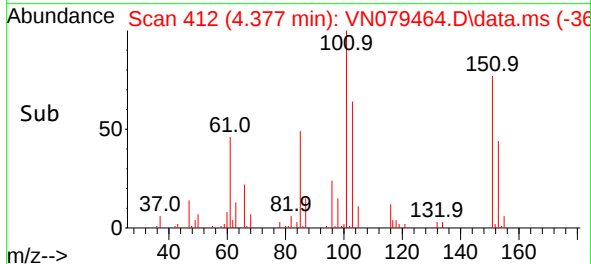
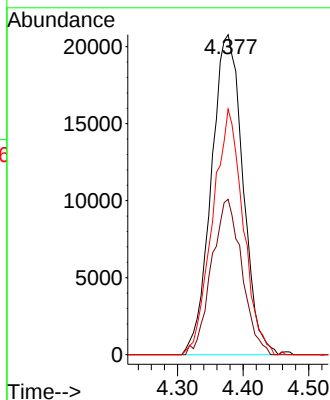
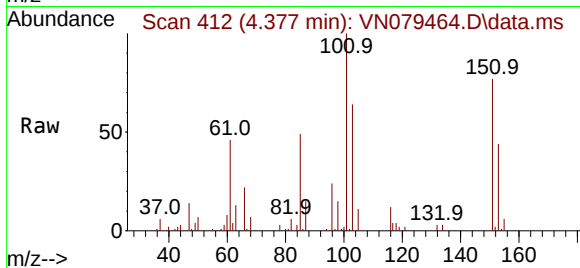
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.111 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:101 Resp: 6939
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 74.4 57.6 86.4

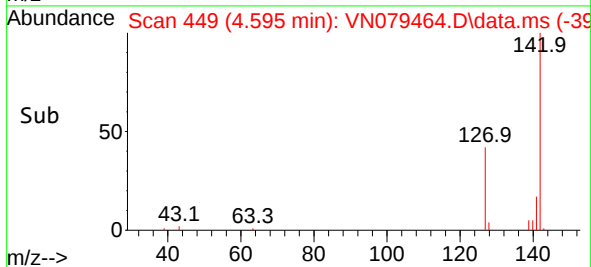
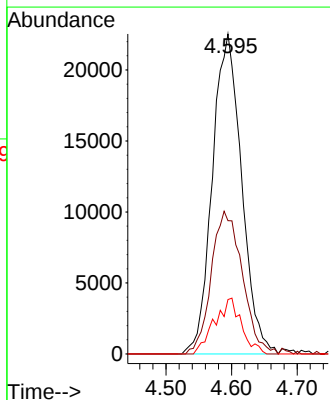
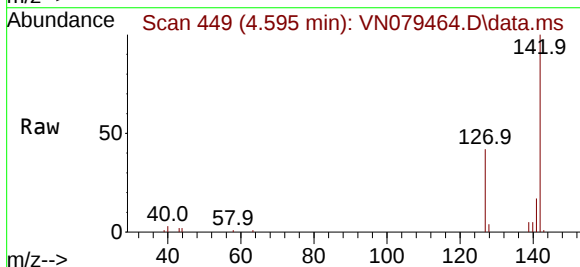
Manual Integrations
APPROVED

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



#10
Methyl Iodide
Concen: 23.300 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion:142 Resp: 69770
Ion Ratio Lower Upper
142 100
127 41.6 37.6 56.4
141 17.0 11.4 17.0





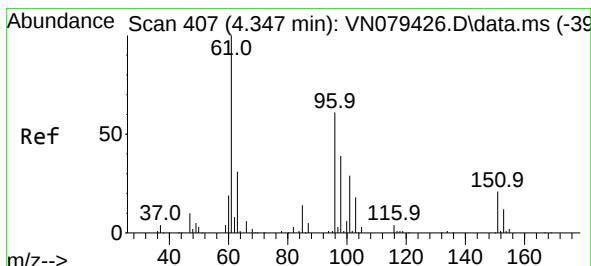
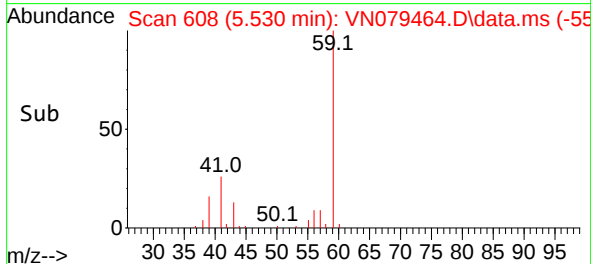
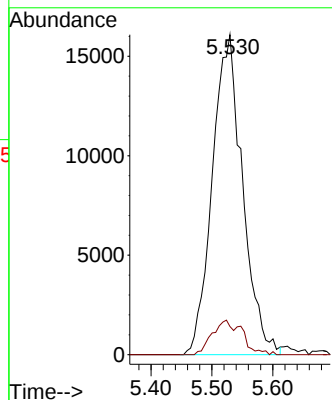
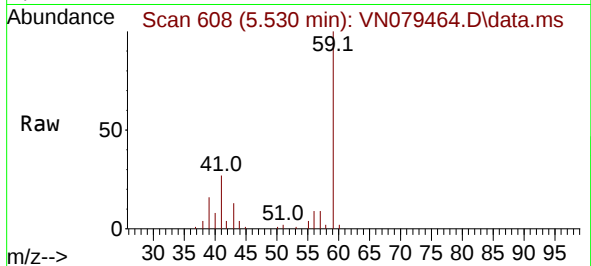
#11
Tert butyl alcohol
Concen: 84.548 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 59 Resp: 55480
Ion Ratio Lower Upper
59 100
57 7.2 8.2 12.4

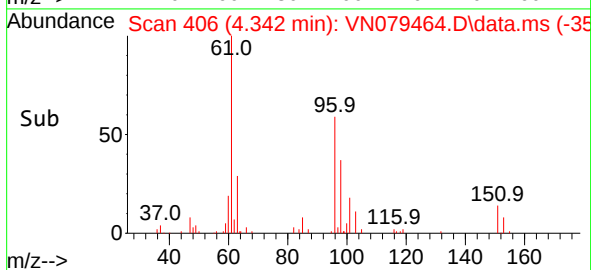
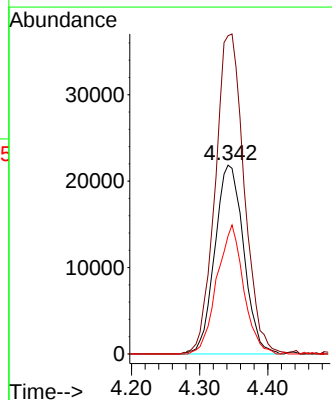
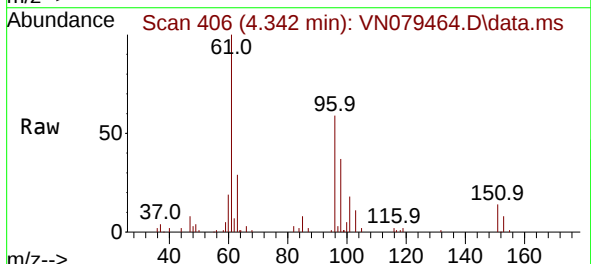
Manual Integrations
APPROVED

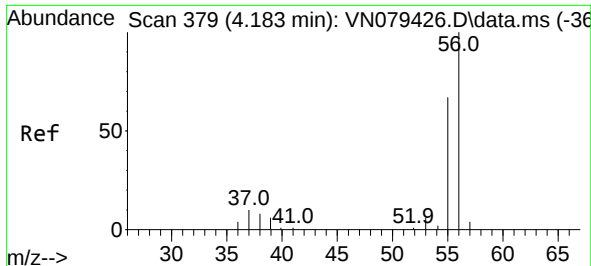
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#12
1,1-Dichloroethene
Concen: 20.240 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

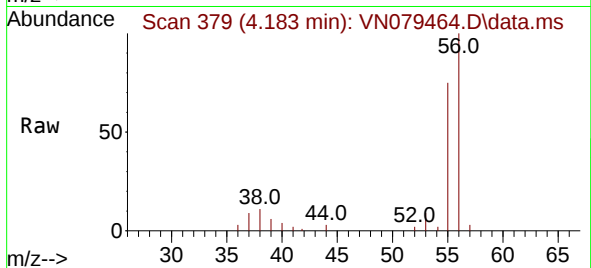
Tgt Ion: 96 Resp: 64310
Ion Ratio Lower Upper
96 100
61 168.5 112.7 169.1
98 62.4 51.2 76.8





#13
Acrolein
Concen: 124.012 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

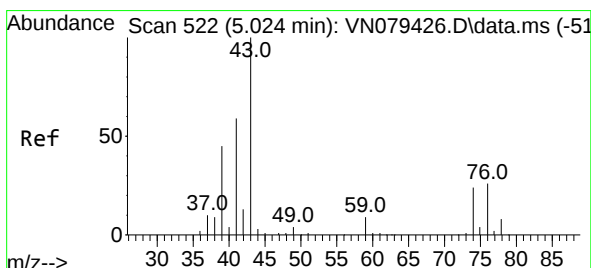
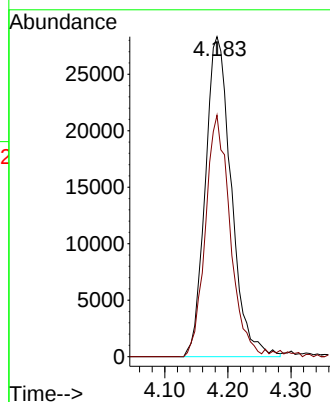
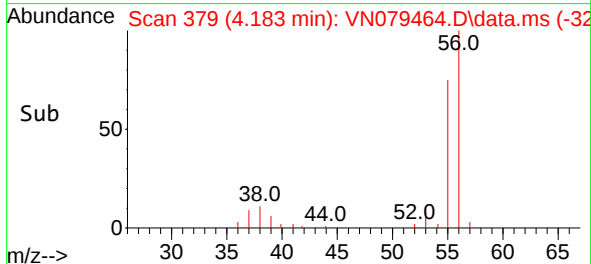
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



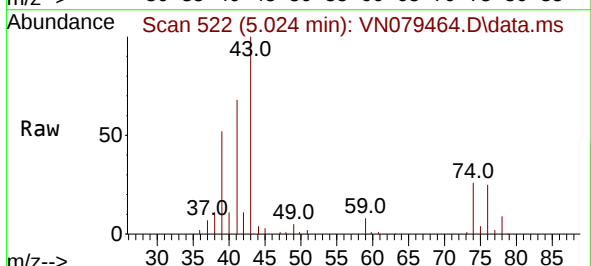
Tgt Ion: 56 Resp: 8103
Ion Ratio Lower Upper
56 100
55 71.4 54.5 81.7

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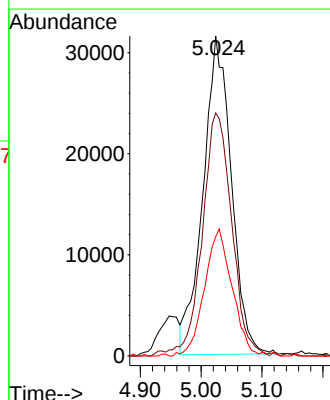
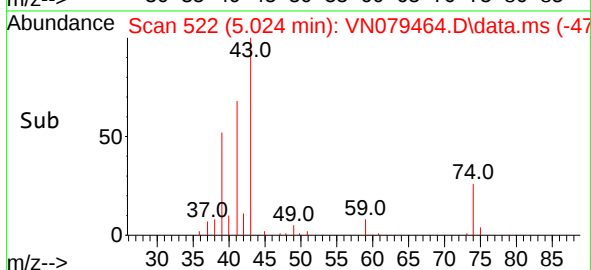
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

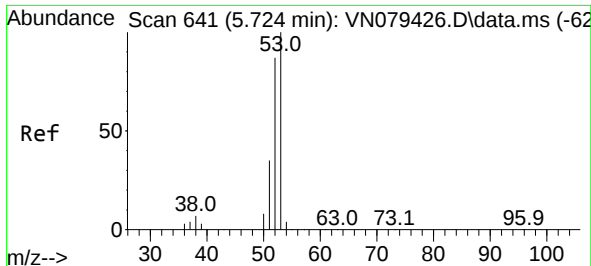


#14
Allyl chloride
Concen: 19.865 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



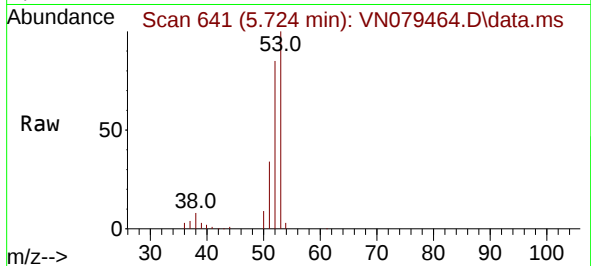
Tgt Ion: 41 Resp: 101859
Ion Ratio Lower Upper
41 100
39 79.5 58.8 88.2
76 38.9 39.1 58.7#





#15
Acrylonitrile
Concen: 97.450 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

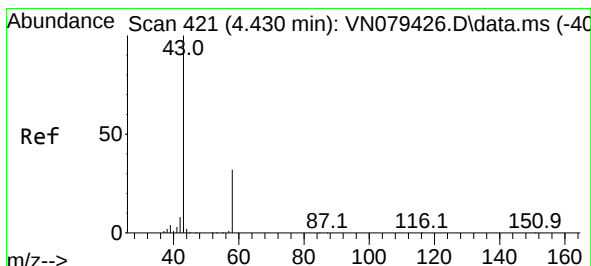
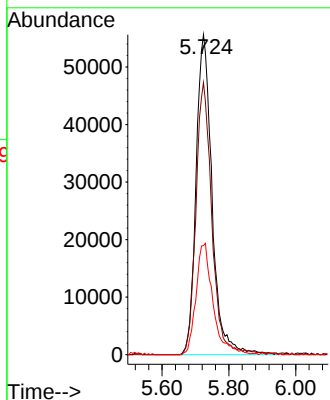
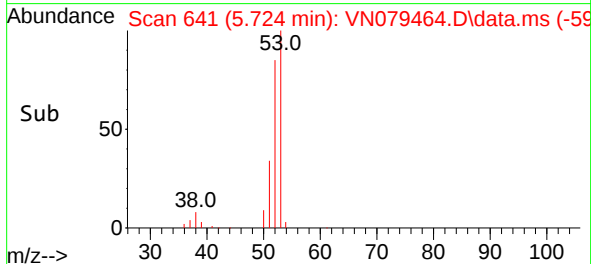
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



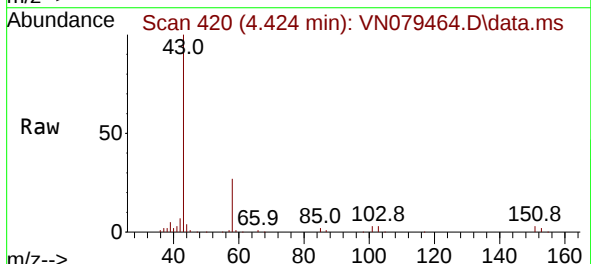
Tgt Ion: 53 Resp: 185410
Ion Ratio Lower Upper
53 100
52 83.7 65.3 97.9
51 37.0 28.9 43.3

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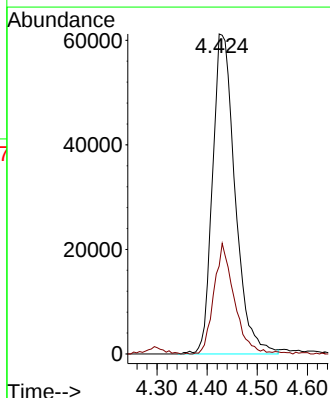
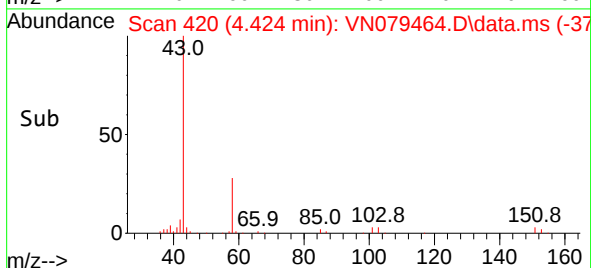
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

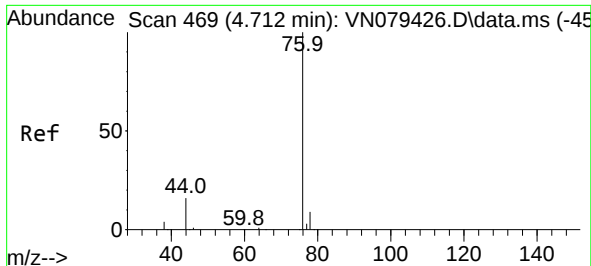


#16
Acetone
Concen: 110.683 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion: 43 Resp: 191421
Ion Ratio Lower Upper
43 100
58 27.1 28.0 42.0#





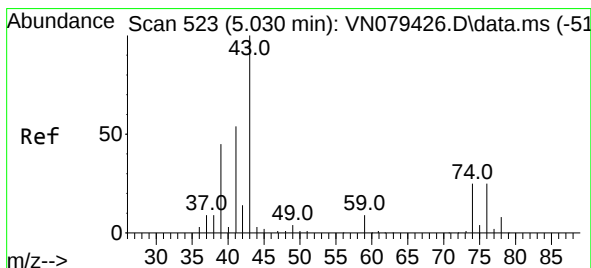
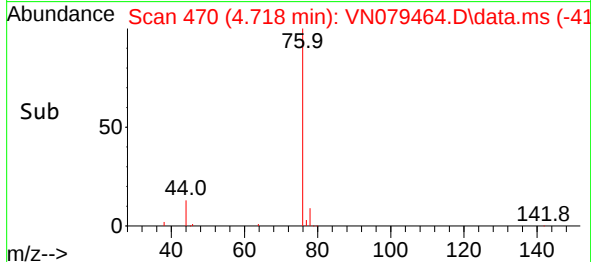
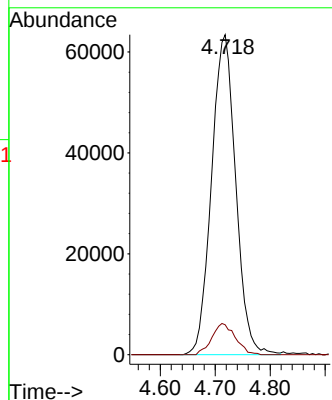
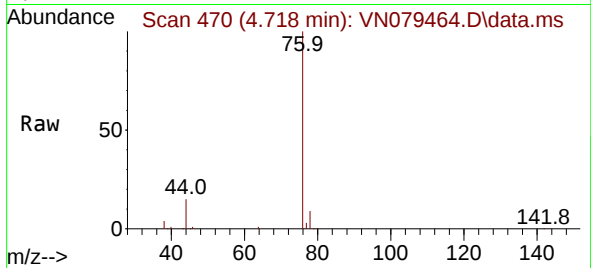
#17
Carbon Disulfide
Concen: 19.561 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 76 Resp: 193870
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

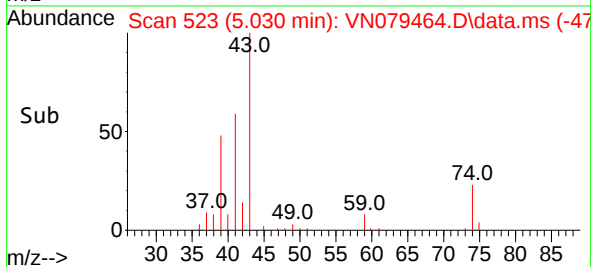
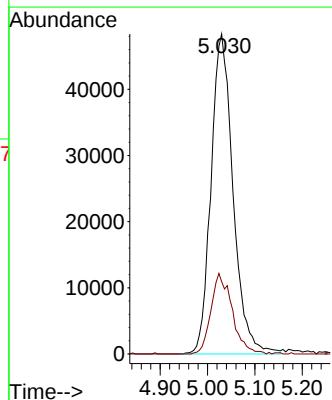
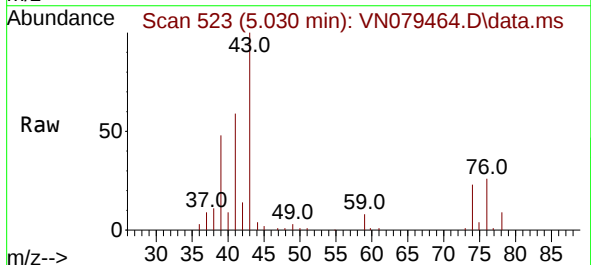
Manual Integrations
APPROVED

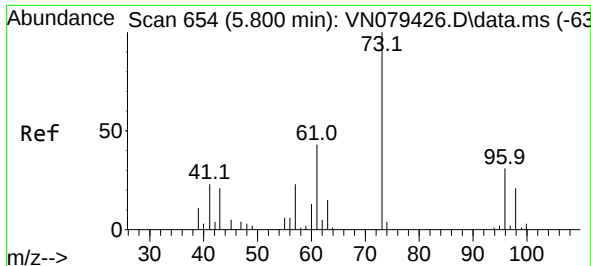
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#18
Methyl Acetate
Concen: 18.472 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 43 Resp: 156358
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





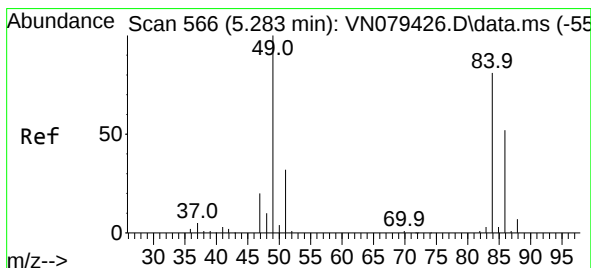
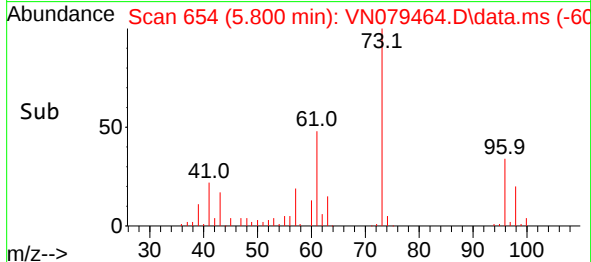
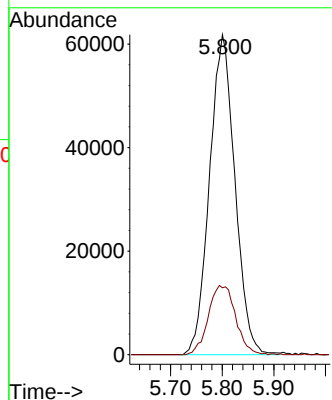
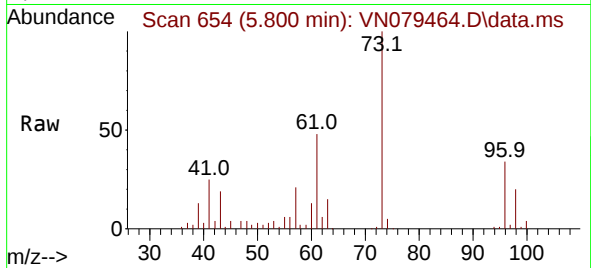
#19
Methyl tert-butyl Ether
Concen: 20.439 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 73 Resp: 211009
Ion Ratio Lower Upper
73 100
57 20.9 15.6 23.4

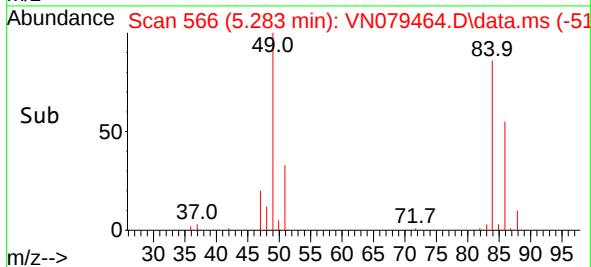
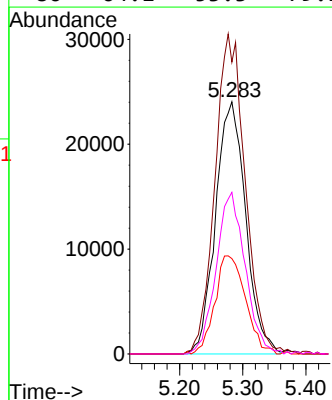
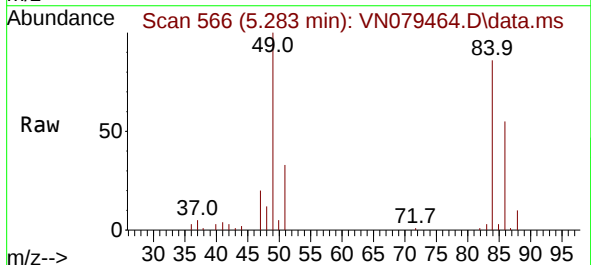
Manual Integrations
APPROVED

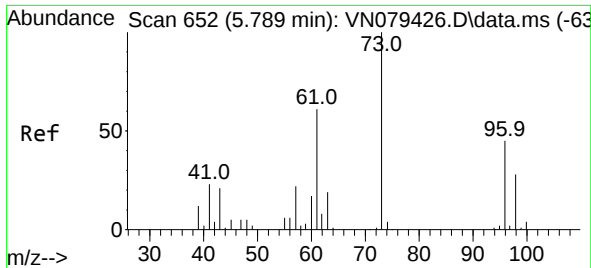
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#20
Methylene Chloride
Concen: 20.708 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 84 Resp: 79762
Ion Ratio Lower Upper
84 100
49 115.8 79.7 119.5
51 37.8 25.2 37.8#
86 64.1 53.3 79.9





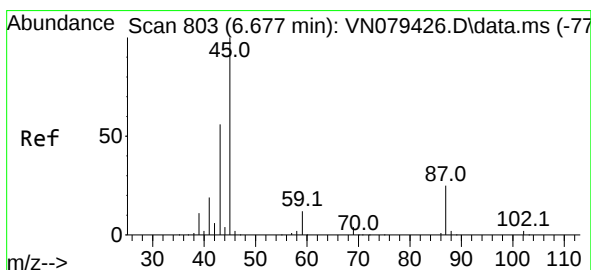
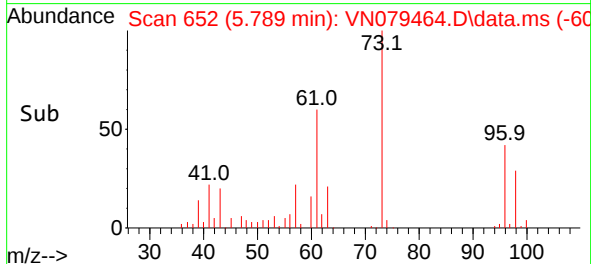
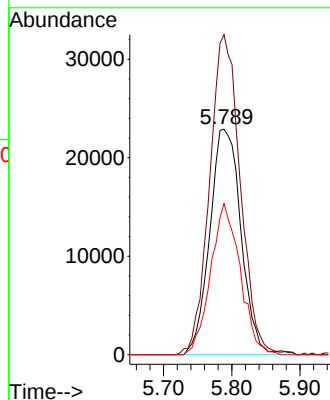
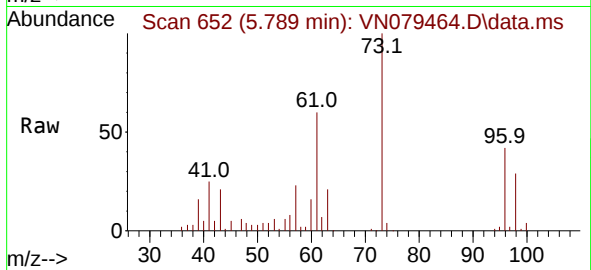
#21
trans-1,2-Dichloroethene
Concen: 19.622 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 96 Resp: 7281
Ion Ratio Lower Upper
96 100
61 141.2 90.1 135.1
98 67.1 46.4 69.6

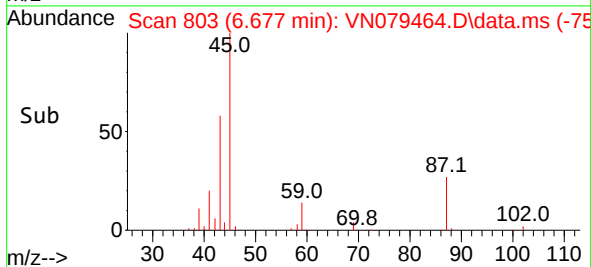
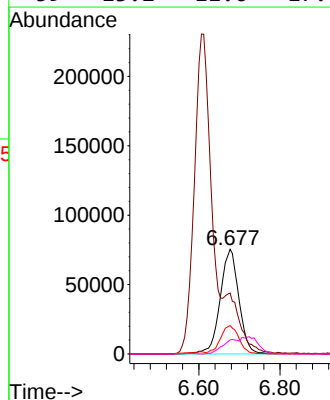
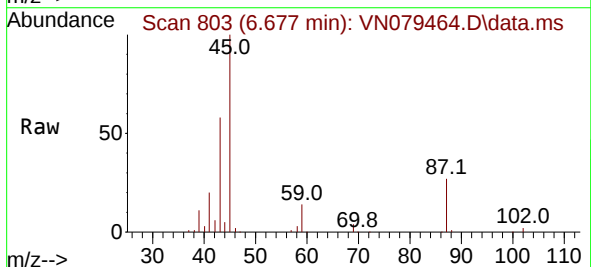
Manual Integrations
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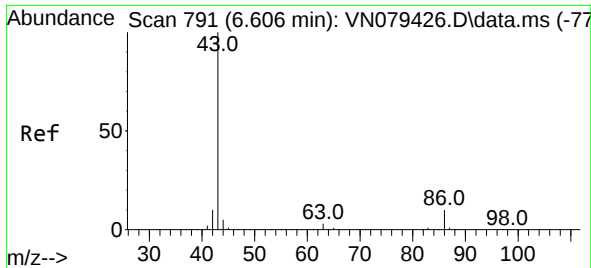
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#22
Diisopropyl ether
Concen: 21.076 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 45 Resp: 242318
Ion Ratio Lower Upper
45 100
43 57.1 45.5 68.3
87 27.2 31.8 47.8
59 13.2 11.6 17.4





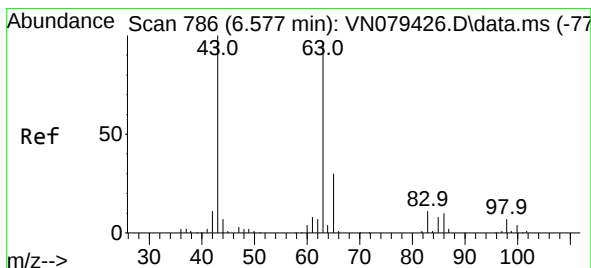
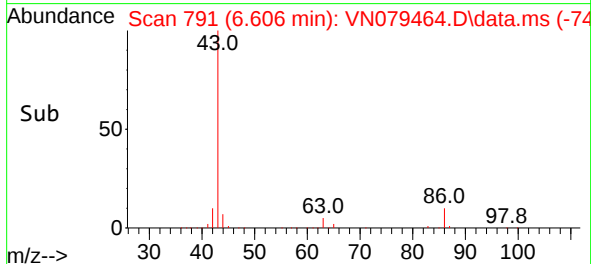
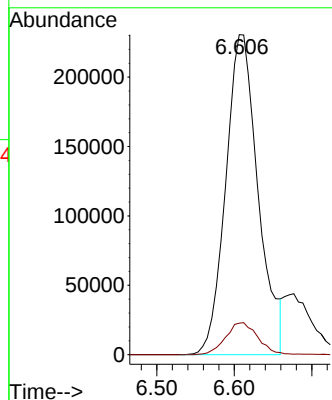
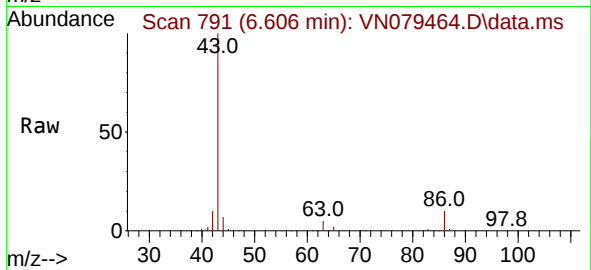
#23
 Vinyl Acetate
 Concen: 103.873 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079464.D
 Acq: 09 Oct 2023 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tgt Ion: 43 Resp: 67178
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6

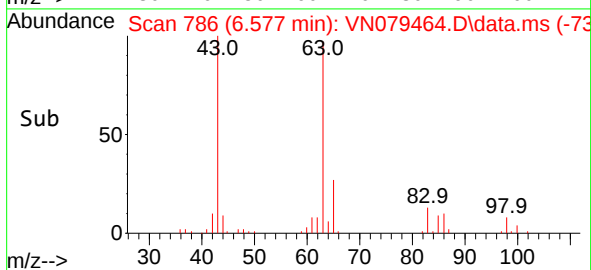
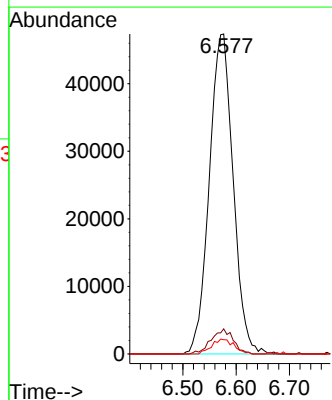
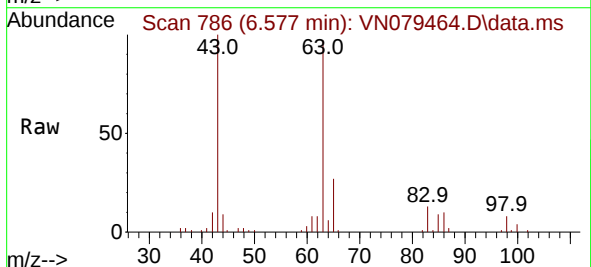
Manual Integrations
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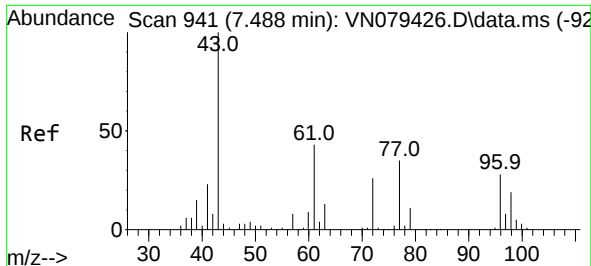
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#24
 1,1-Dichloroethane
 Concen: 20.922 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079464.D
 Acq: 09 Oct 2023 11:49

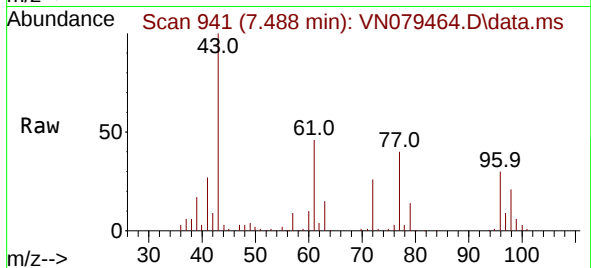
Tgt Ion: 63 Resp: 147222
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.5 2.5 7.4





#25
2-Butanone
Concen: 100.412 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

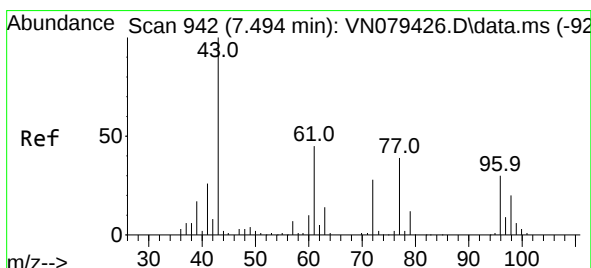
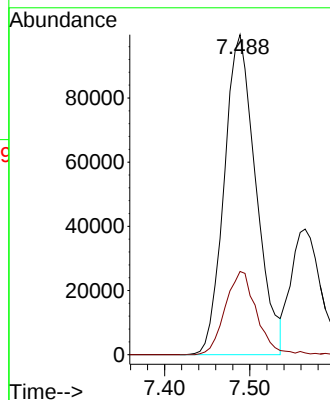
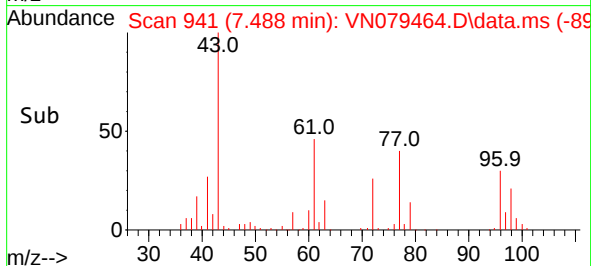
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



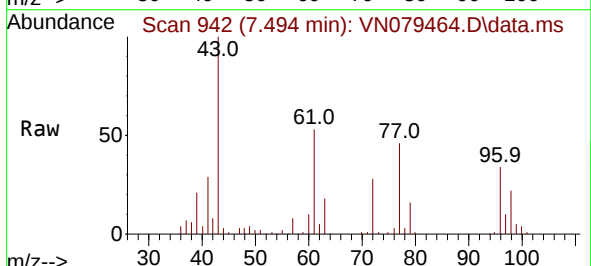
Tgt Ion: 43 Resp: 257740
Ion Ratio Lower Upper
43 100
72 26.0 30.2 45.2

Manual Integrations
APPROVED

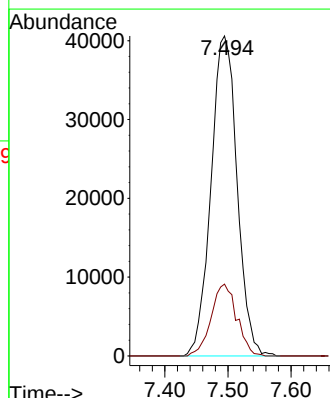
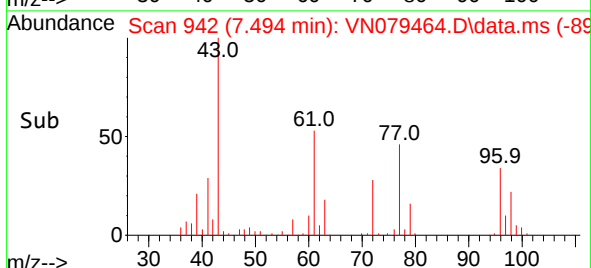
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

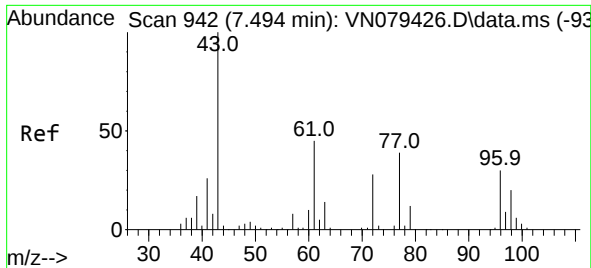


#26
2,2-Dichloropropane
Concen: 21.699 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



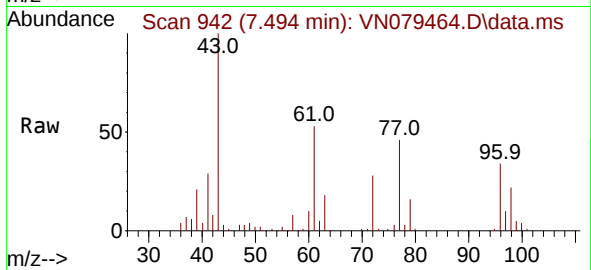
Tgt Ion: 77 Resp: 116685
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.076 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079464.D
 Acq: 09 Oct 2023 11:49

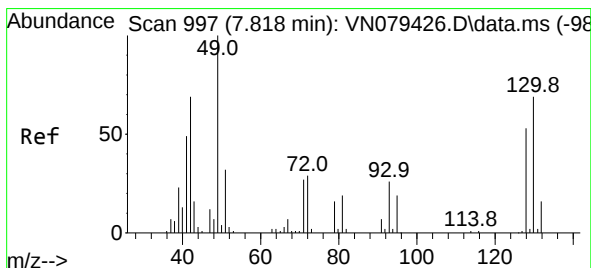
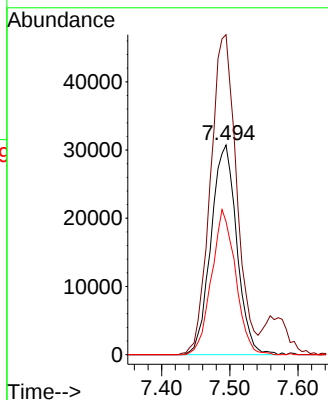
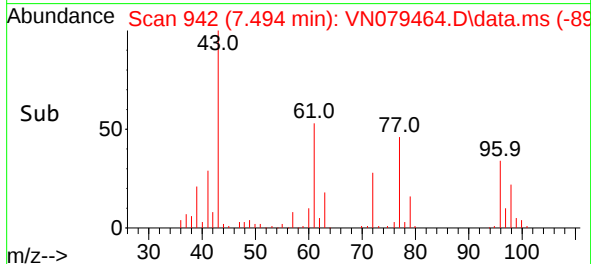
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01



Tgt Ion: 96 Resp: 80938
 Ion Ratio Lower Upper
 96 100
 61 155.1 0.0 255.2
 98 64.5 0.0 128.8

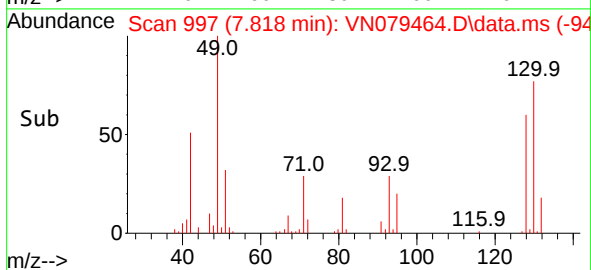
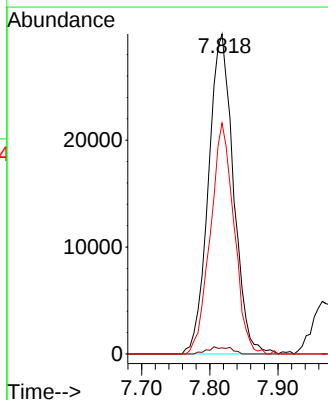
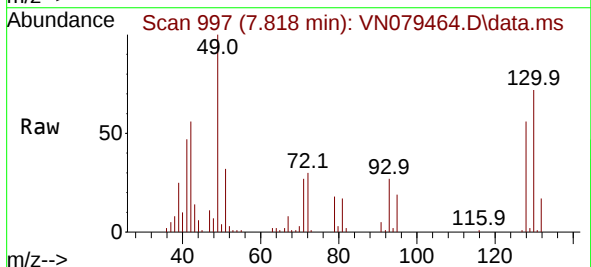
Manual Integrations
 APPROVED

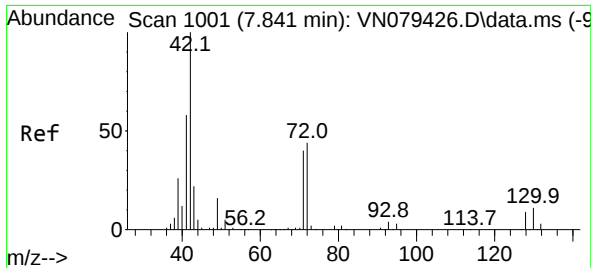
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#28
 Bromochloromethane
 Concen: 22.808 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079464.D
 Acq: 09 Oct 2023 11:49

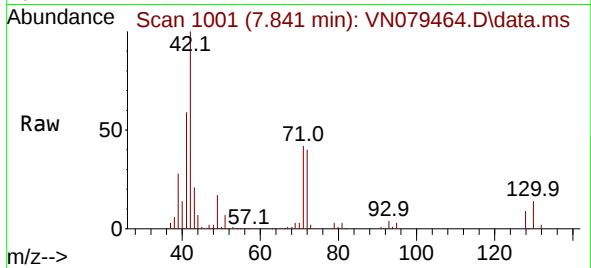
Tgt Ion: 49 Resp: 76362
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 68.2 75.3 112.9#





#29
Tetrahydrofuran
Concen: 97.921 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

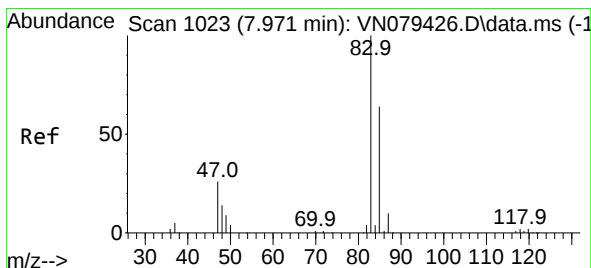
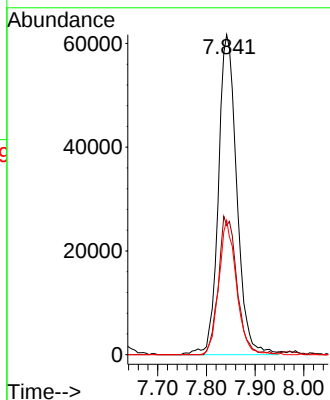
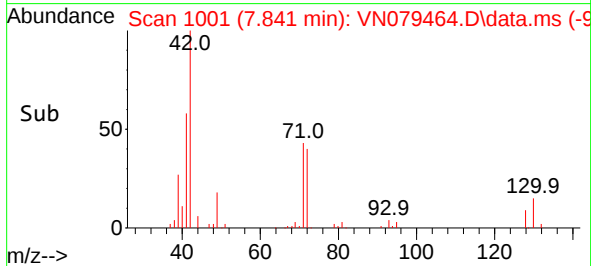
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 42 Resp: 16256
Ion Ratio Lower Upper
42 100
72 43.1 49.8 74.6
71 40.3 47.4 71.2

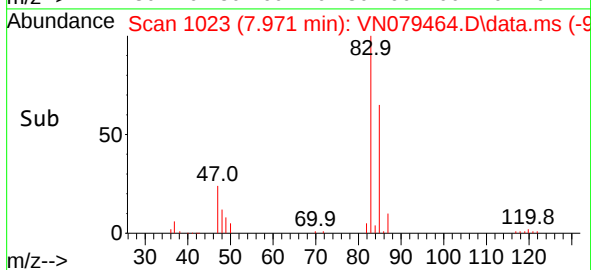
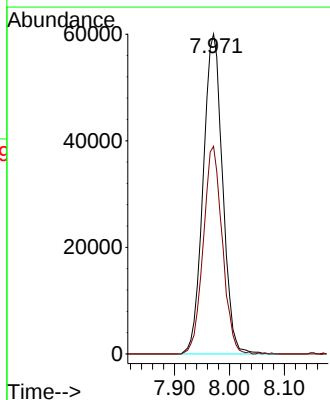
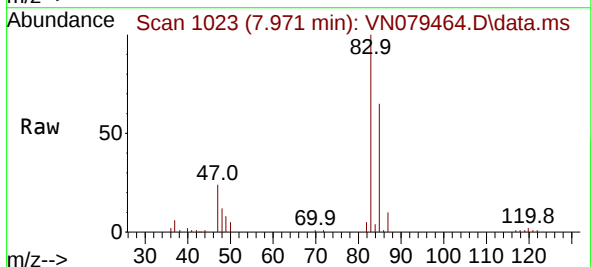
Manual Integrations
APPROVED

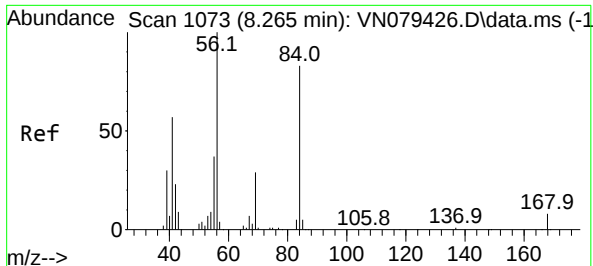
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#30
Chloroform
Concen: 20.704 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

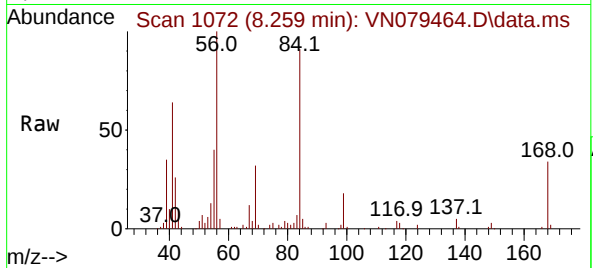
Tgt Ion: 83 Resp: 147195
Ion Ratio Lower Upper
83 100
85 64.9 55.4 83.0





#31
Cyclohexane
Concen: 19.987 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

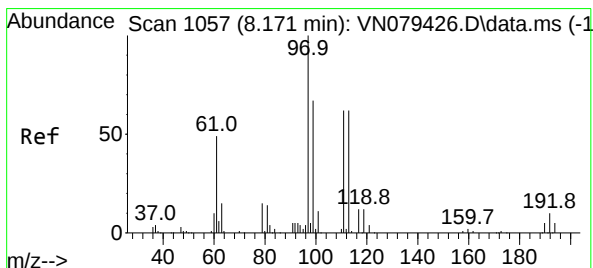
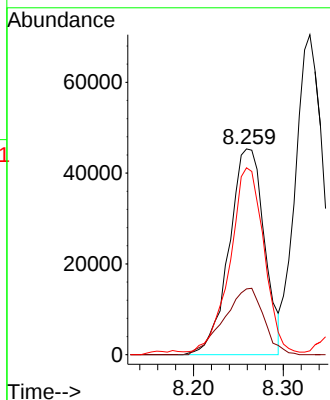
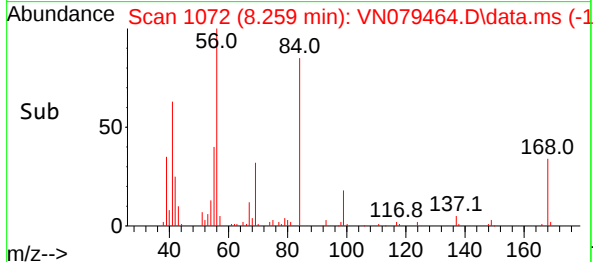
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



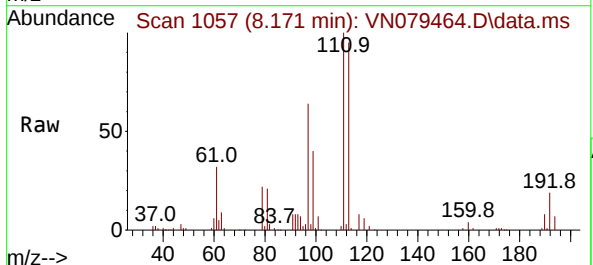
Tgt Ion: 56 Resp: 12362
Ion Ratio Lower Upper
56 100
69 31.9 26.8 40.2
84 89.3 81.8 122.6

Manual Integrations
APPROVED

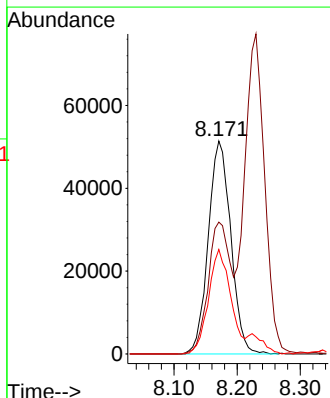
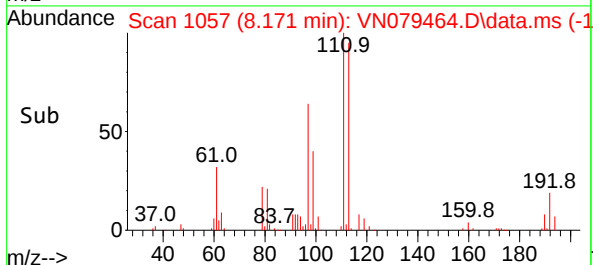
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

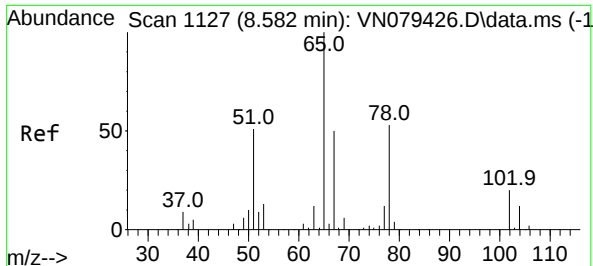


#32
1,1,1-Trichloroethane
Concen: 21.331 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion: 97 Resp: 127627
Ion Ratio Lower Upper
97 100
99 60.7 50.3 75.5
61 48.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.626 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion: 65 Resp: 229469

Ion Ratio Lower Upper

65 100

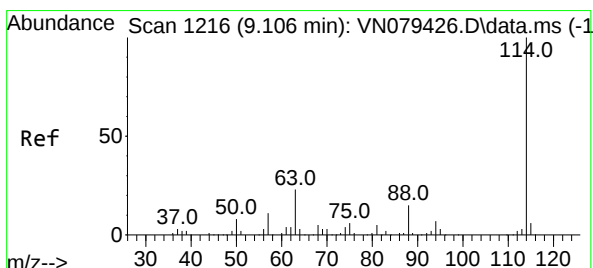
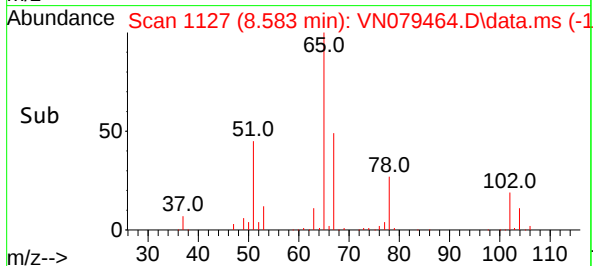
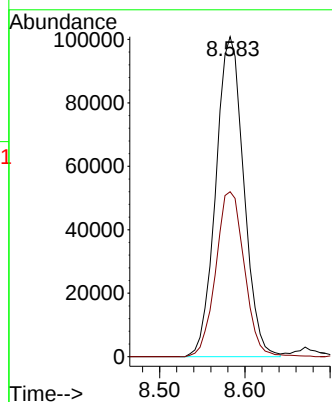
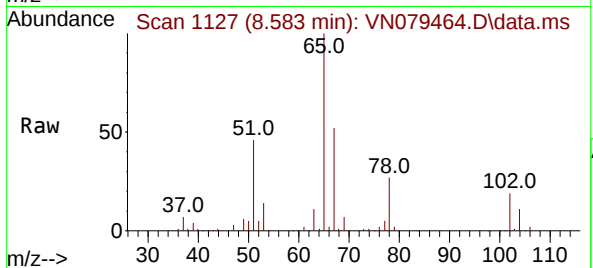
67 52.8 0.0 106.6

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: VN079464.D

Acq: 09 Oct 2023 11:49

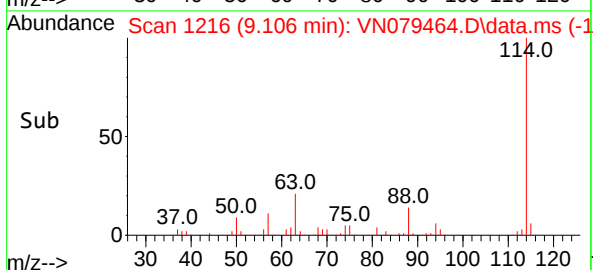
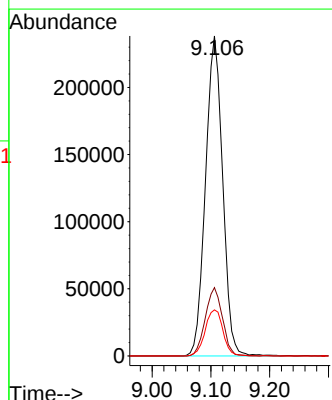
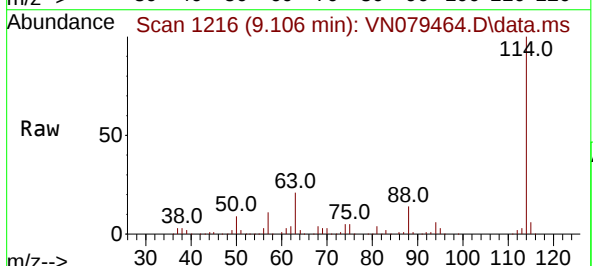
Tgt Ion:114 Resp: 482227

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 14.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.650 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion:113 Resp: 17899

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

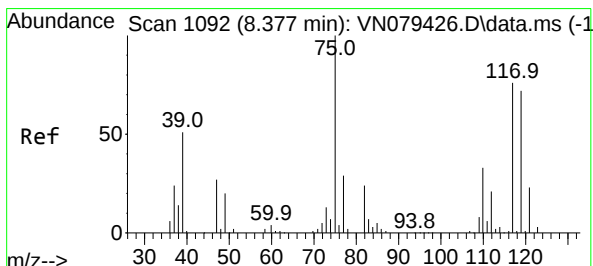
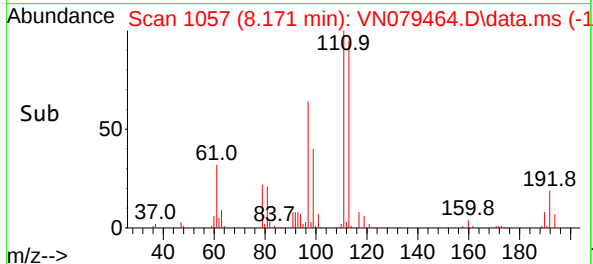
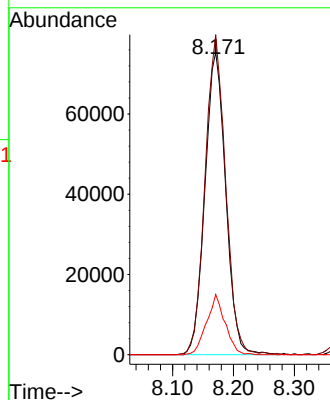
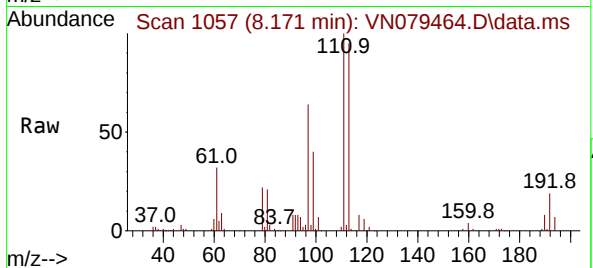
192 17.7 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#36

1,1-Dichloropropene

Concen: 20.869 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

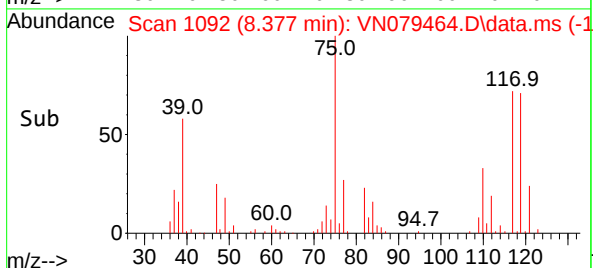
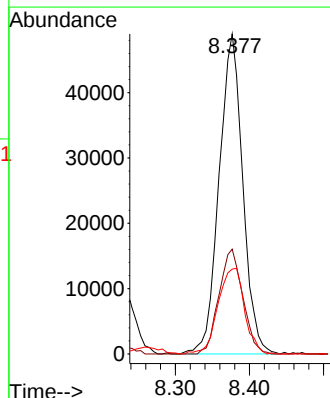
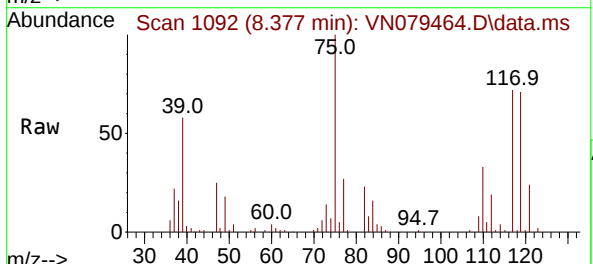
Tgt Ion: 75 Resp: 108541

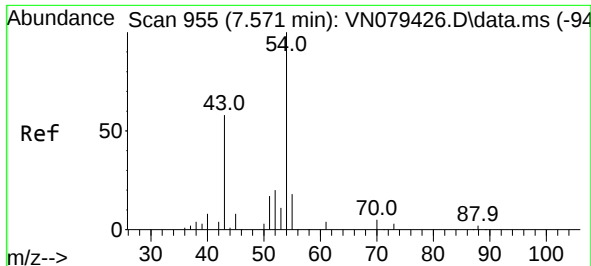
Ion Ratio Lower Upper

75 100

110 32.9 19.1 57.3

77 29.9 25.0 37.4





#37

Ethyl Acetate

Concen: 18.768 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

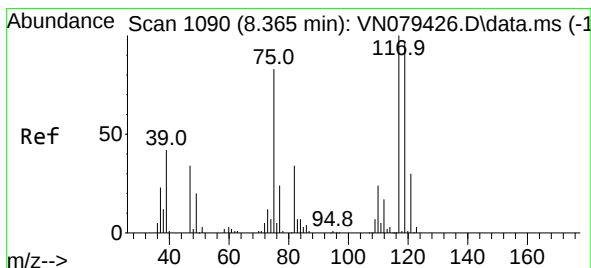
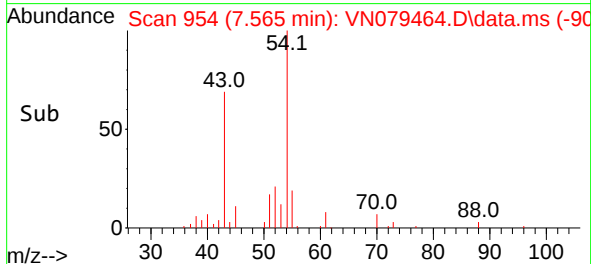
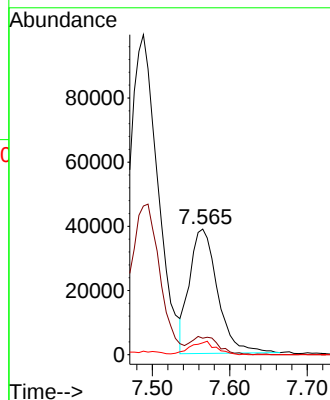
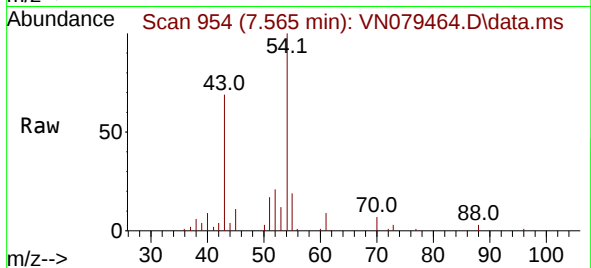
Tgt Ion:	43	Resp:	9713
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	9.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#38

Carbon Tetrachloride

Concen: 20.718 ug/l

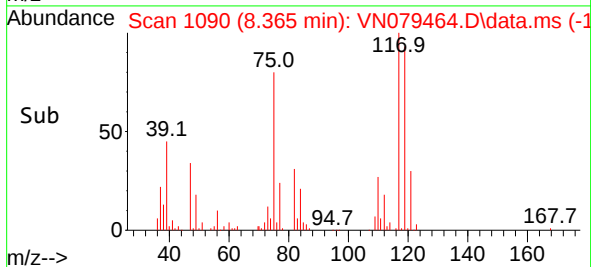
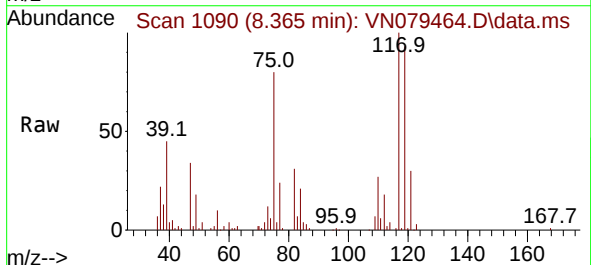
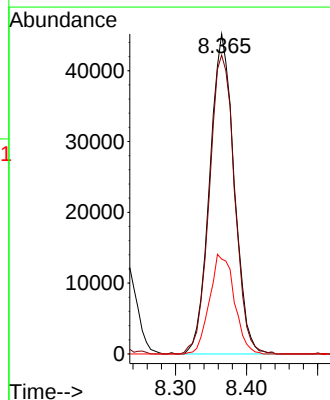
RT: 8.365 min Scan# 1090

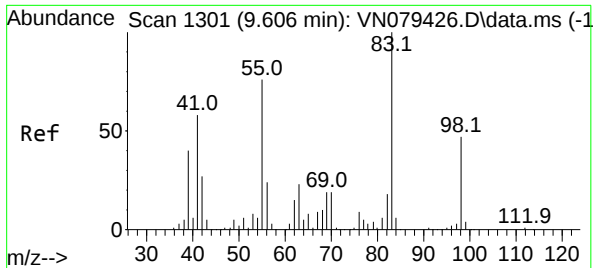
Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

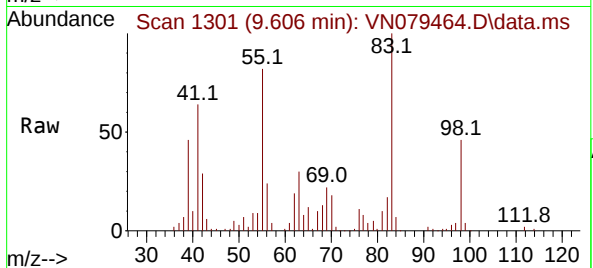
Tgt Ion:	117	Resp:	107874
Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.3	115.9
121	29.7	23.3	34.9





#39
Methylcyclohexane
Concen: 21.320 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

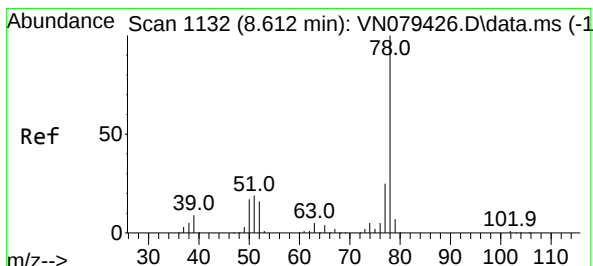
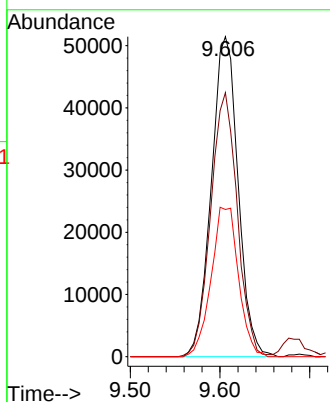
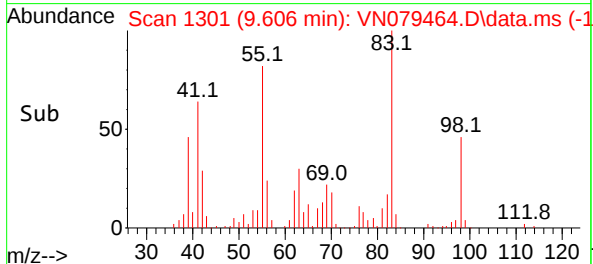
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 83 Resp: 106538
Ion Ratio Lower Upper
83 100
55 82.5 49.1 73.7
98 46.0 40.6 61.0

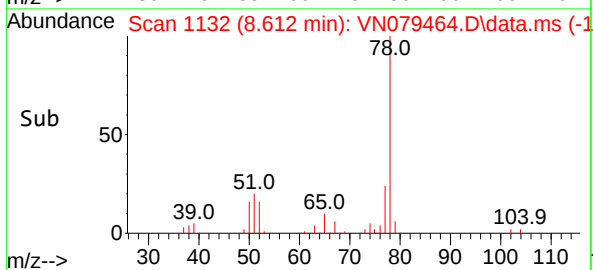
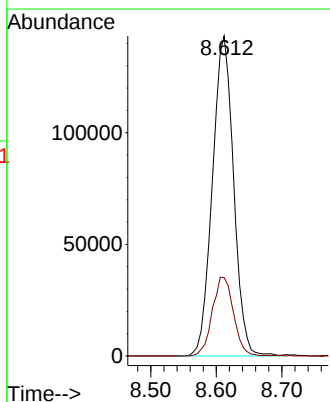
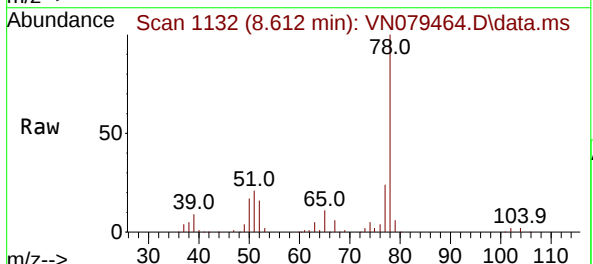
Manual Integrations
APPROVED

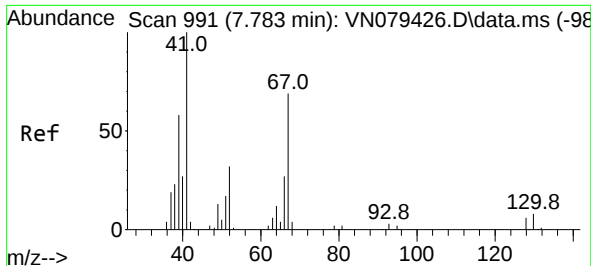
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#40
Benzene
Concen: 20.810 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

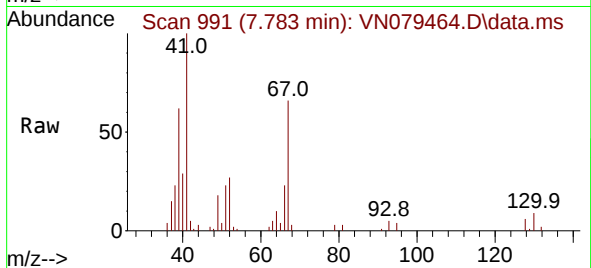
Tgt Ion: 78 Resp: 321438
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.6





#41
Methacrylonitrile
Concen: 19.205 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

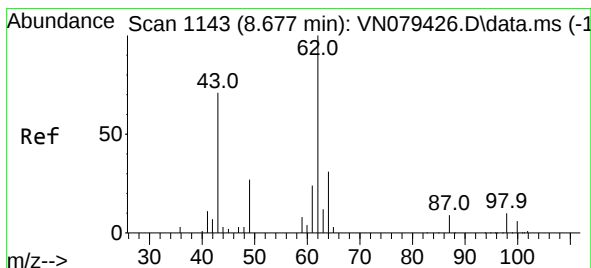
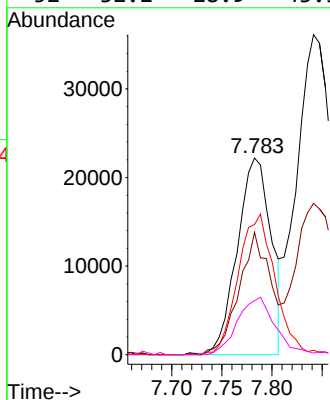
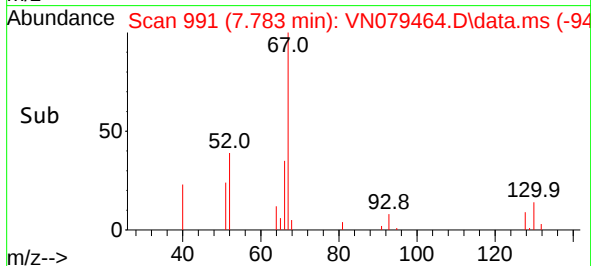
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



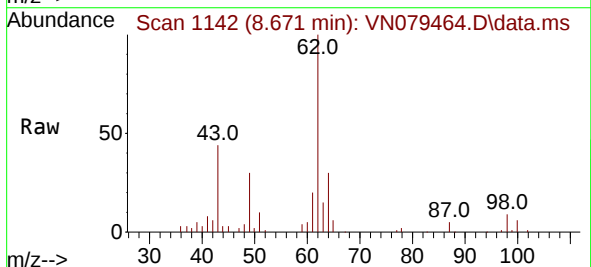
Tgt Ion: 41 Resp: 52254
Ion Ratio Lower Upper
41 100
39 57.2 42.6 64.0
67 77.7 77.5 116.3
52 32.2 28.9 43.3

Manual Integrations
APPROVED

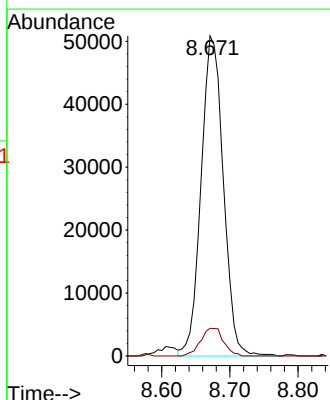
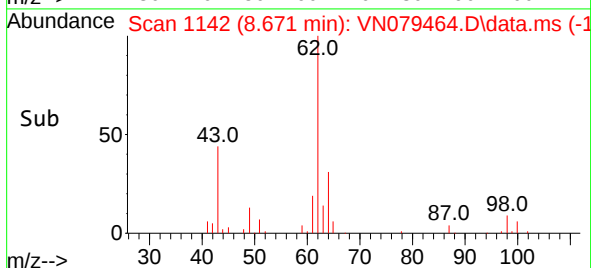
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

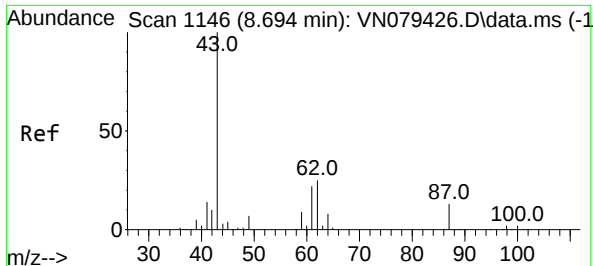


#42
1,2-Dichloroethane
Concen: 20.584 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



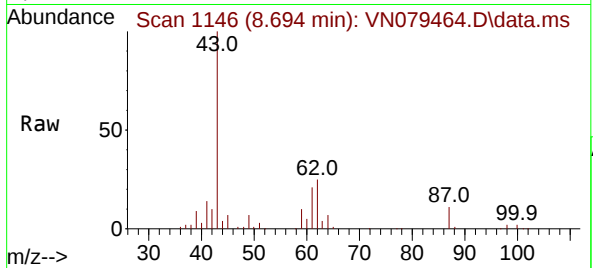
Tgt Ion: 62 Resp: 115530
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.8





#43
Isopropyl Acetate
Concen: 20.614 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

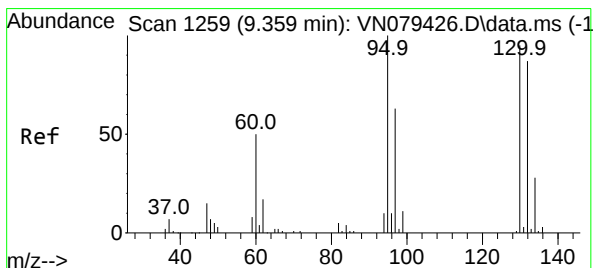
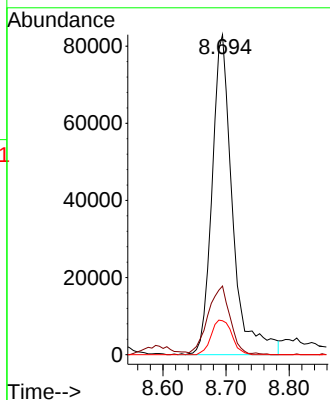
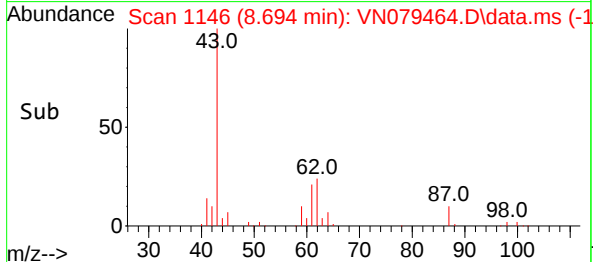
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



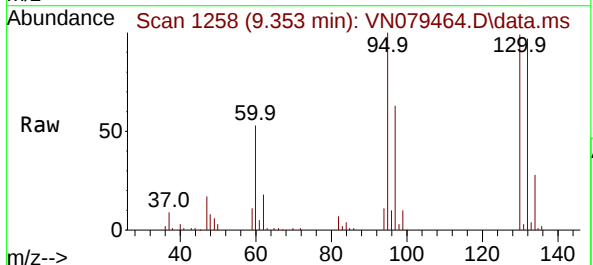
Tgt Ion: 43 Resp: 186909
Ion Ratio Lower Upper
43 100
61 23.4 24.7 37.1
87 10.9 14.6 21.8

Manual Integrations
APPROVED

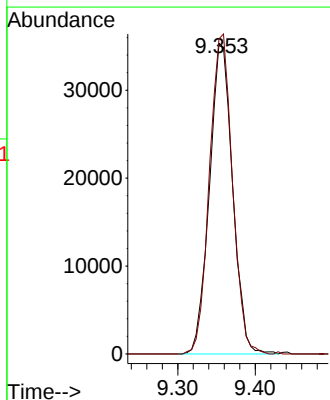
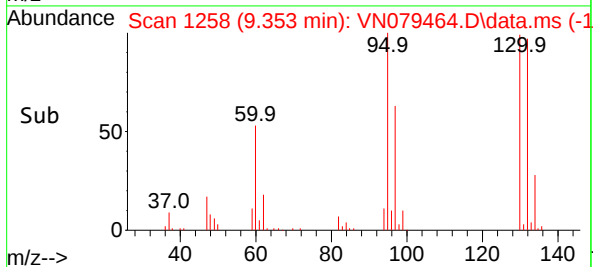
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

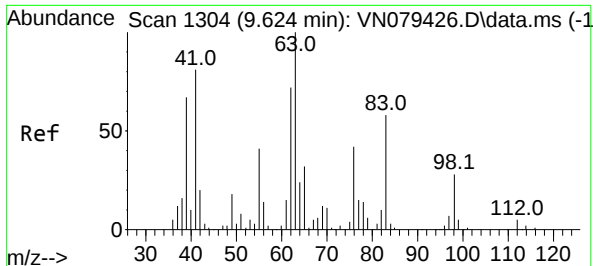


#44
Trichloroethene
Concen: 20.173 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion:130 Resp: 73339
Ion Ratio Lower Upper
130 100
95 101.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 20.696 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion: 63 Resp: 84230

Ion Ratio Lower Upper

63 100

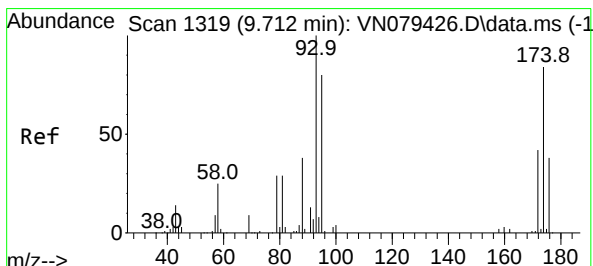
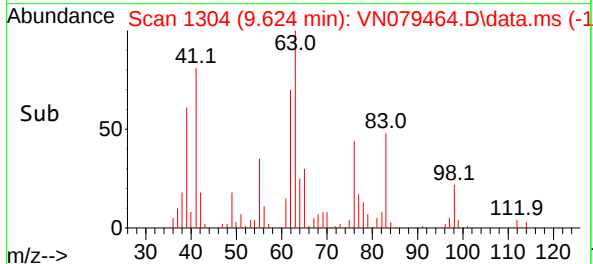
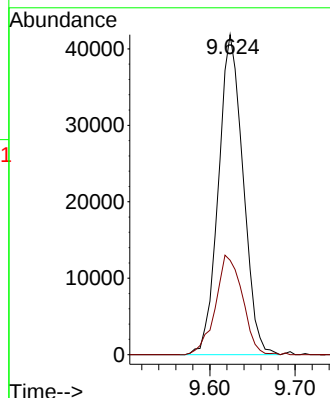
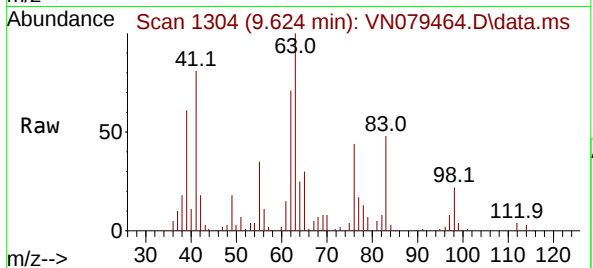
65 29.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#46

Dibromomethane

Concen: 21.067 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

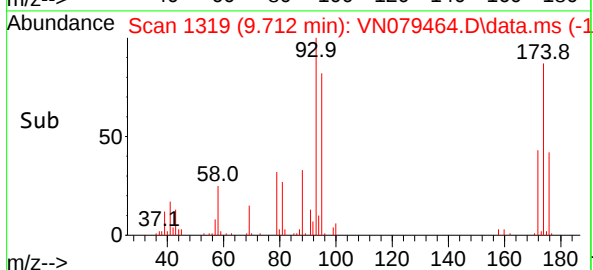
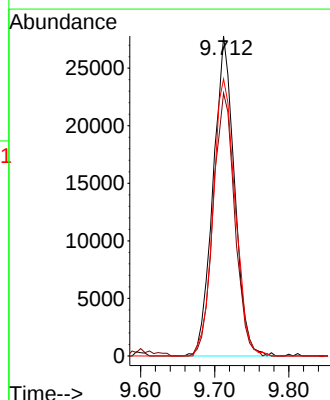
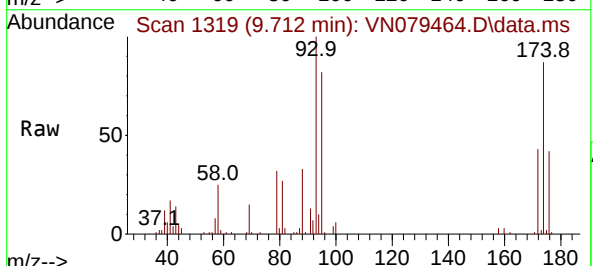
Tgt Ion: 93 Resp: 55529

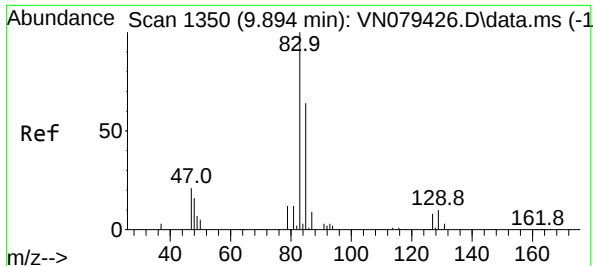
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

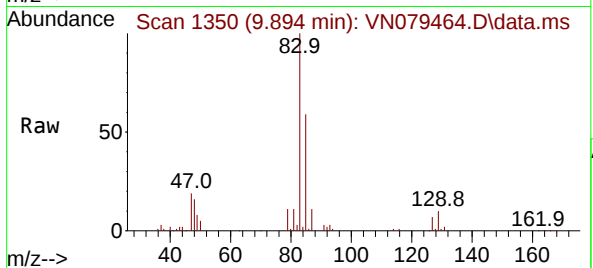
174 89.6 65.6 98.4





#47
Bromodichloromethane
Concen: 21.593 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

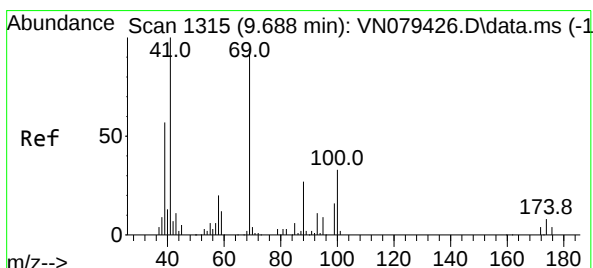
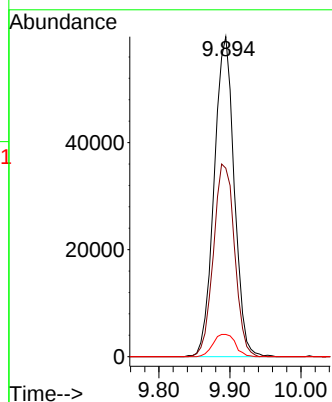
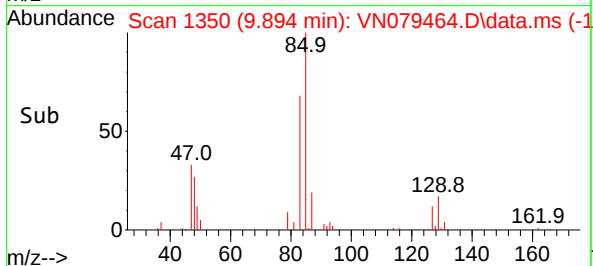
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 83 Resp: 11707
Ion Ratio Lower Upper
83 100
85 58.9 49.6 74.4
127 7.0 7.0 10.6

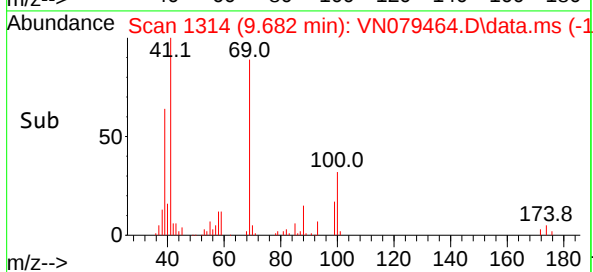
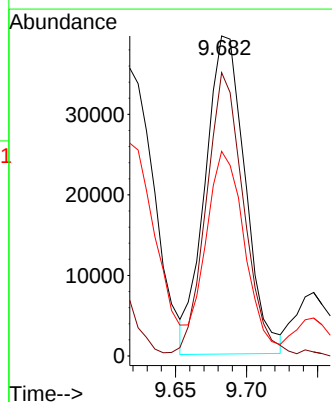
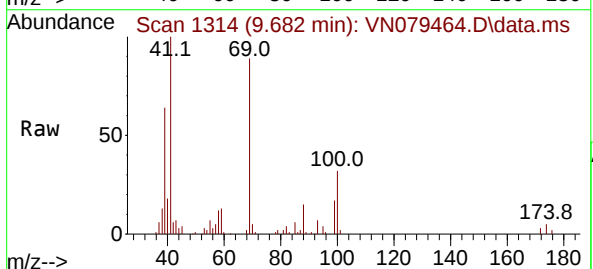
Manual Integrations
APPROVED

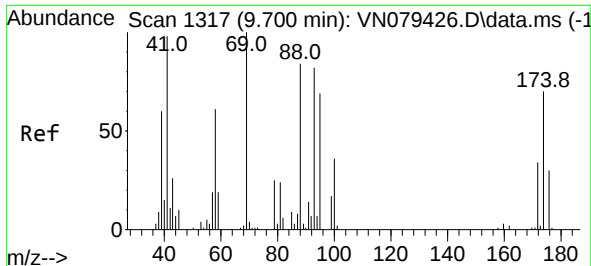
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#48
Methyl methacrylate
Concen: 19.929 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 41 Resp: 77432
Ion Ratio Lower Upper
41 100
69 82.3 90.4 135.6#
39 63.8 54.6 81.8





#49

1,4-Dioxane

Concen: 391.215 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion: 88 Resp: 27998

Ion Ratio Lower Upper

88 100

43 21.8 17.0 25.6

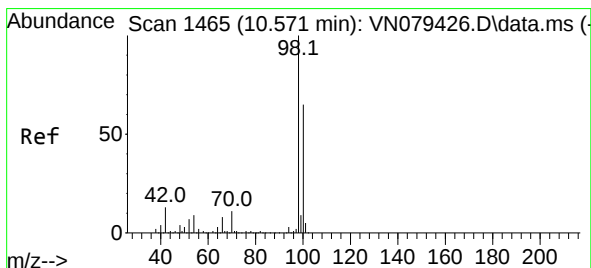
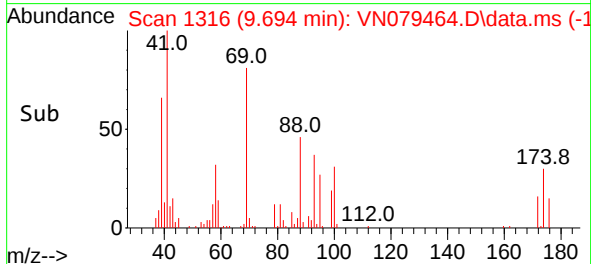
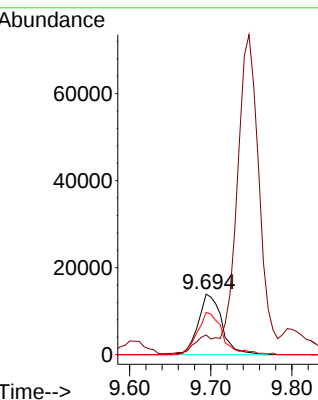
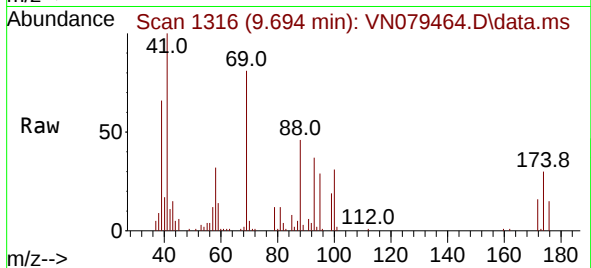
58 75.8 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#50

Toluene-d8

Concen: 54.918 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079464.D

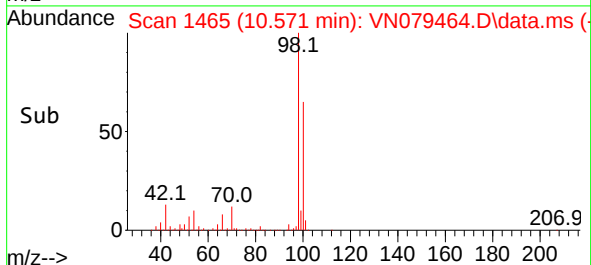
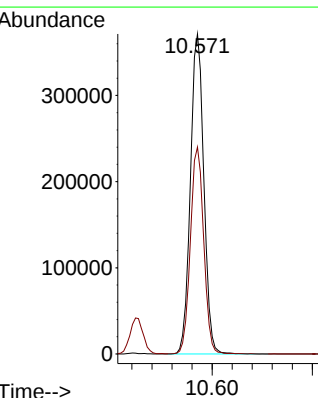
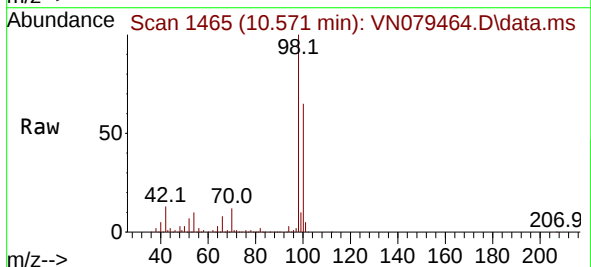
Acq: 09 Oct 2023 11:49

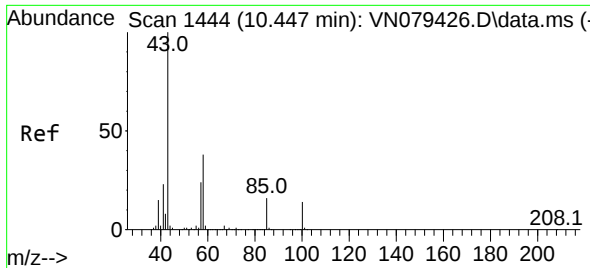
Tgt Ion: 98 Resp: 688617

Ion Ratio Lower Upper

98 100

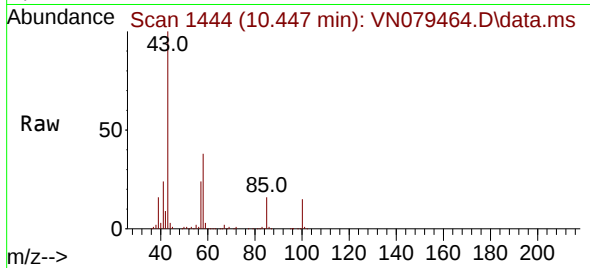
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 100.615 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

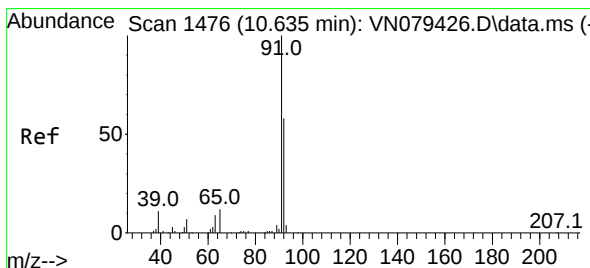
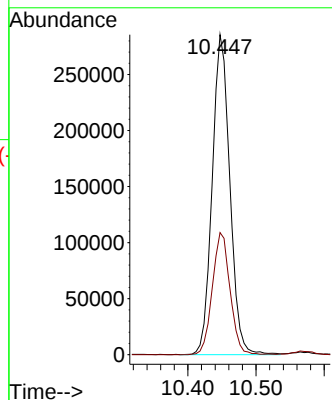
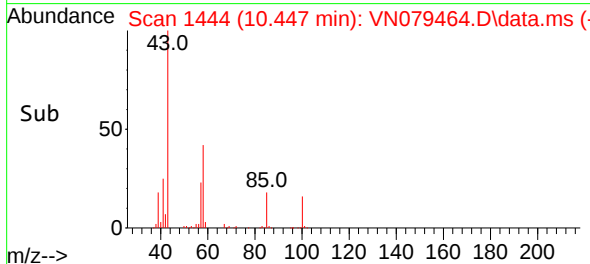
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 43 Resp: 51497
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

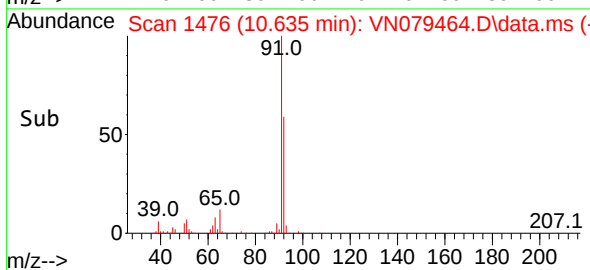
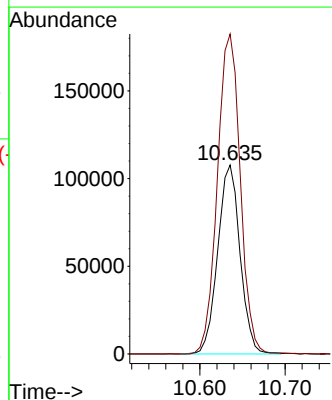
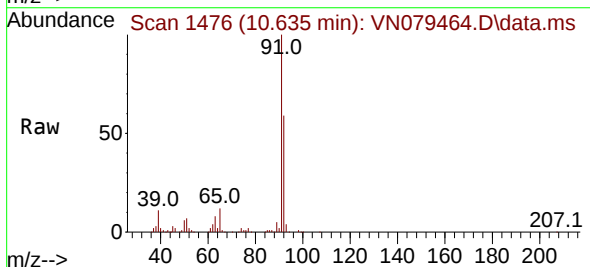
Manual Integrations
APPROVED

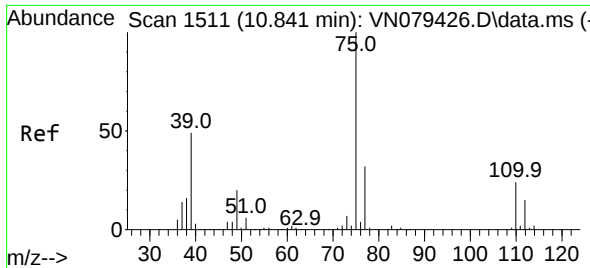
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#52
Toluene
Concen: 21.545 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

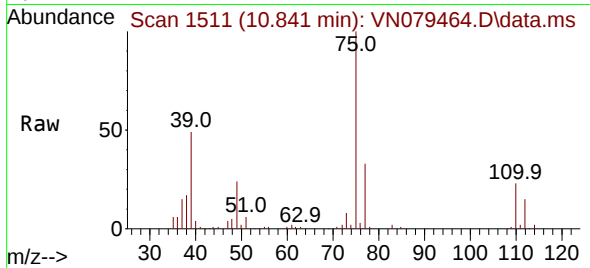
Tgt Ion: 92 Resp: 195897
Ion Ratio Lower Upper
92 100
91 174.2 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 20.980 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

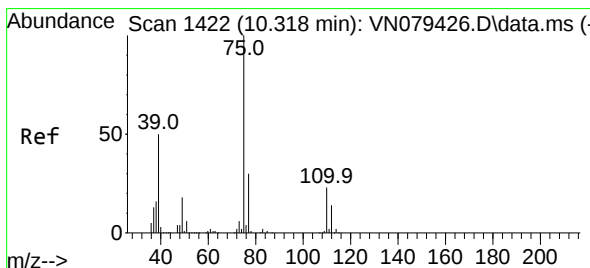
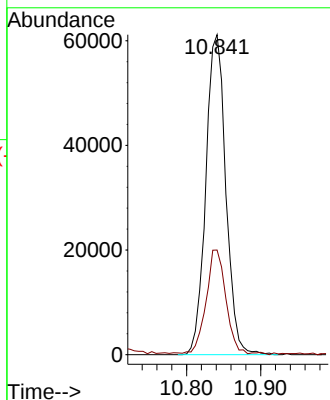
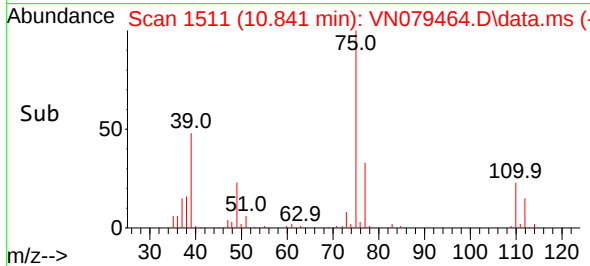
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 75 Resp: 114638
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

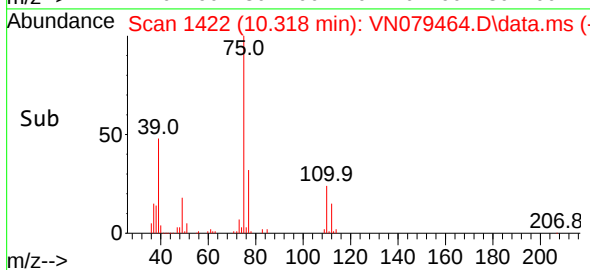
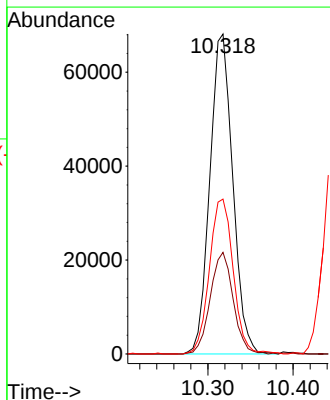
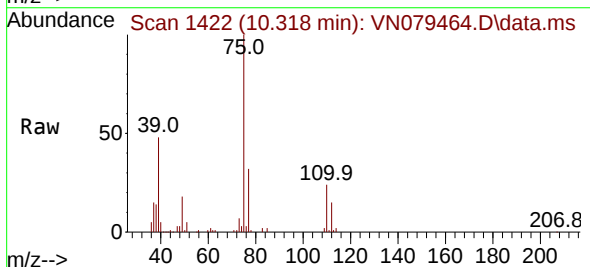
Manual Integrations
APPROVED

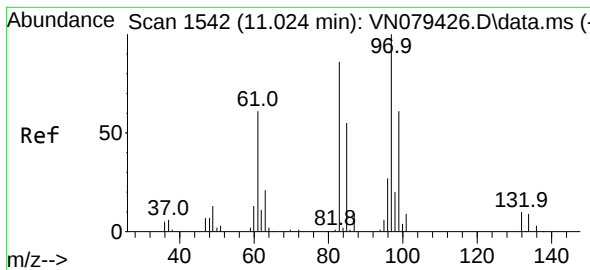
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#54
cis-1,3-Dichloropropene
Concen: 21.293 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

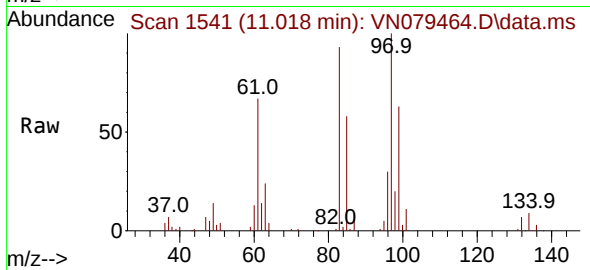
Tgt Ion: 75 Resp: 127361
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 48.4 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 20.928 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

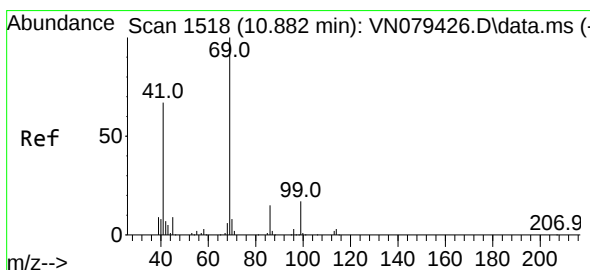
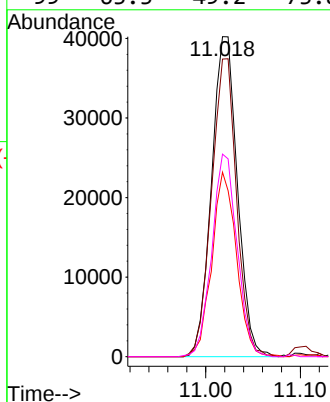
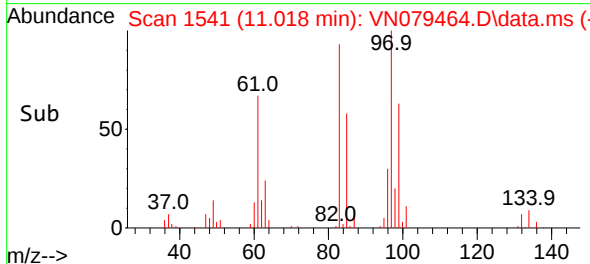
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



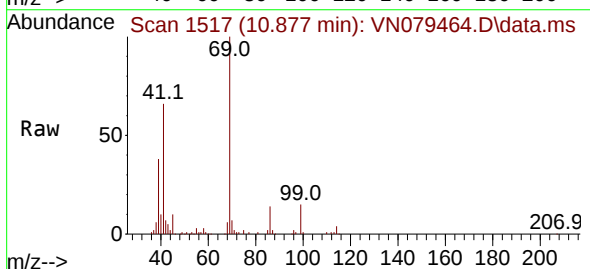
Tgt Ion:	97	Resp:	7639
Ion	Ratio	Lower	Upper
97	100		
83	93.0	65.1	97.7
85	57.6	43.4	65.2
99	63.3	49.2	73.8

Manual Integrations
APPROVED

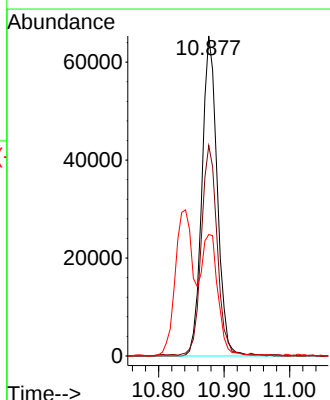
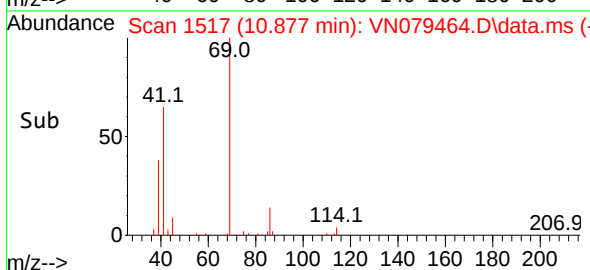
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

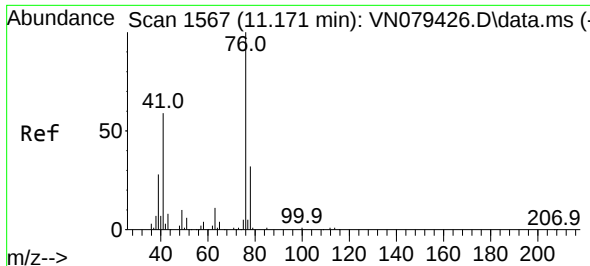


#56
Ethyl methacrylate
Concen: 21.208 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion:	69	Resp:	106380
Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.6	59.4
39	40.0	28.6	43.0





#57

1,3-Dichloropropane

Concen: 20.562 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

Tgt Ion: 76 Resp: 129608

Ion Ratio Lower Upper

76 100

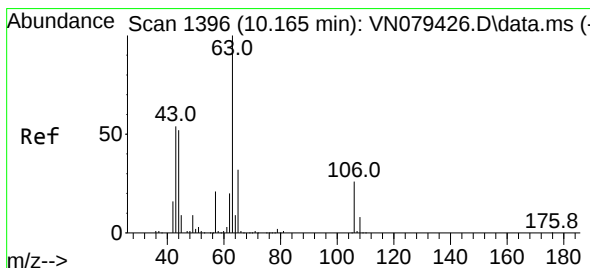
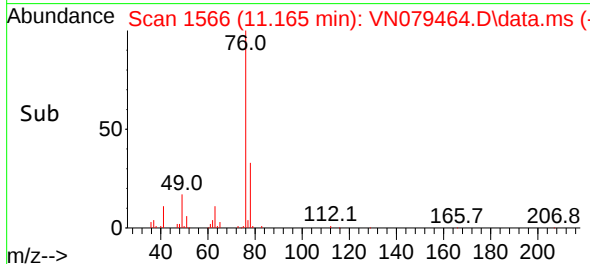
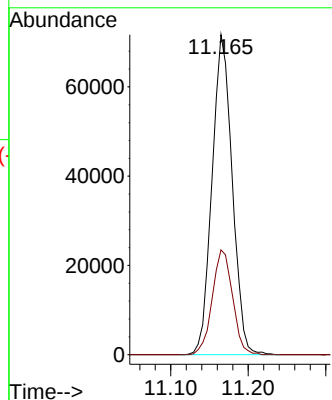
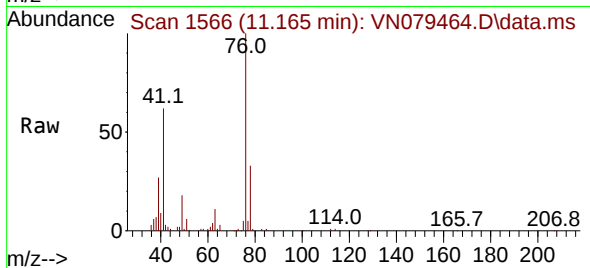
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#58

2-Chloroethyl Vinyl ether

Concen: 121.285 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079464.D

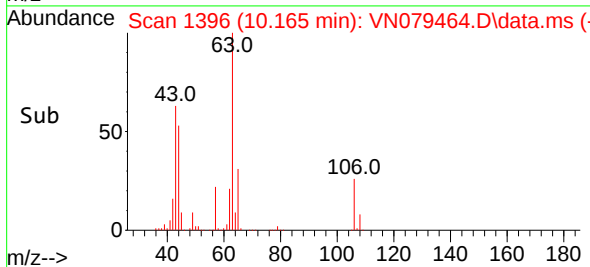
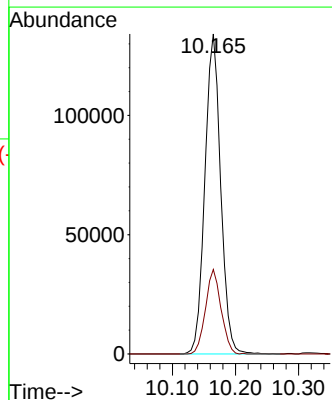
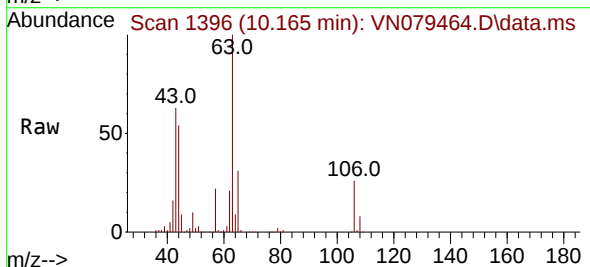
Acq: 09 Oct 2023 11:49

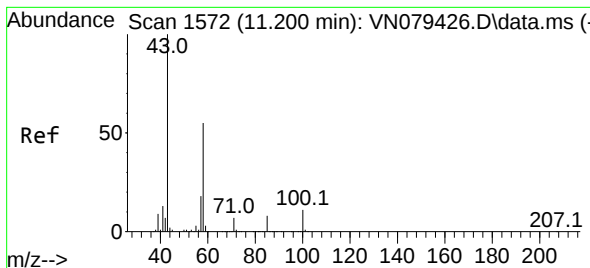
Tgt Ion: 63 Resp: 232983

Ion Ratio Lower Upper

63 100

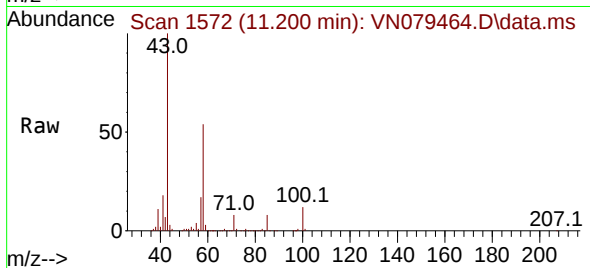
106 26.0 26.2 39.4#





#59
2-Hexanone
Concen: 100.697 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

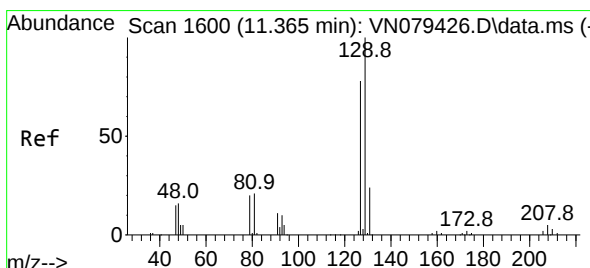
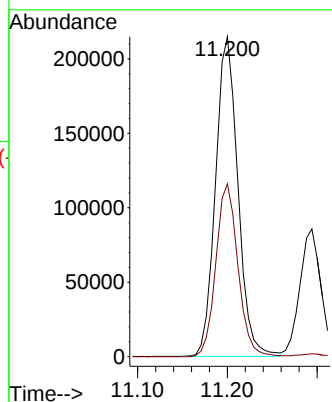
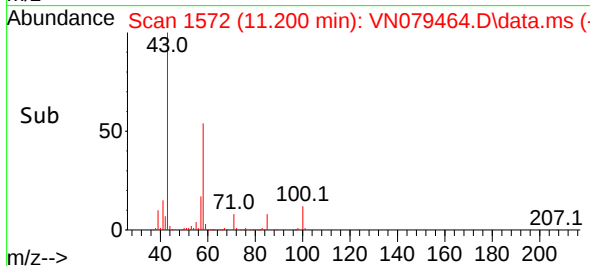
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 43 Resp: 37191
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

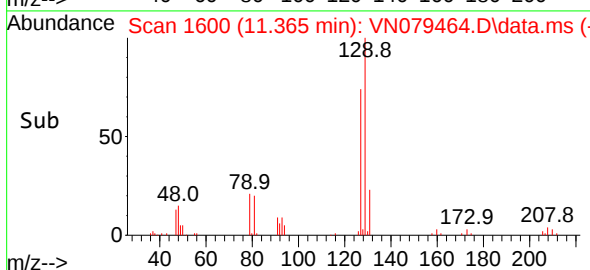
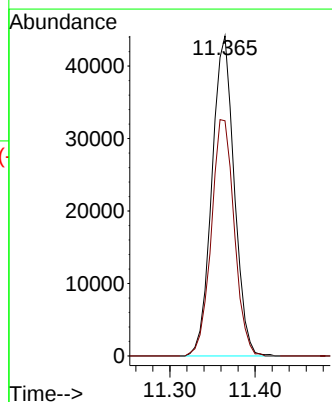
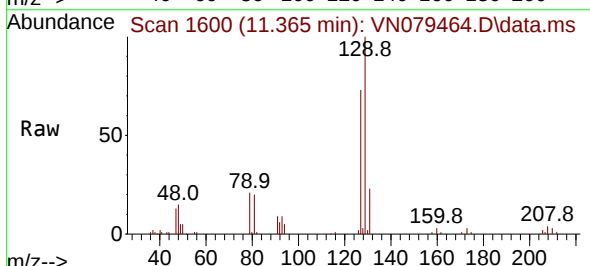
Manual Integrations
APPROVED

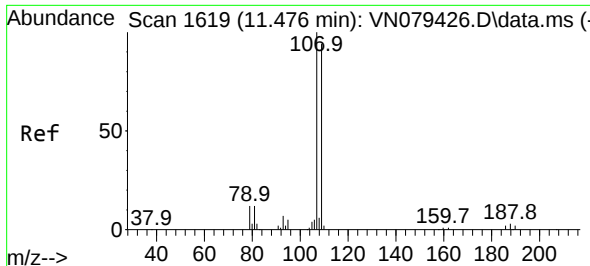
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#60
Dibromochloromethane
Concen: 21.847 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion:129 Resp: 80149
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0





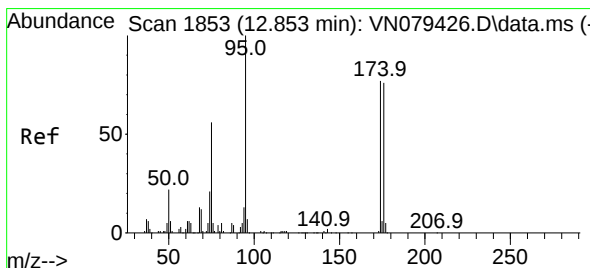
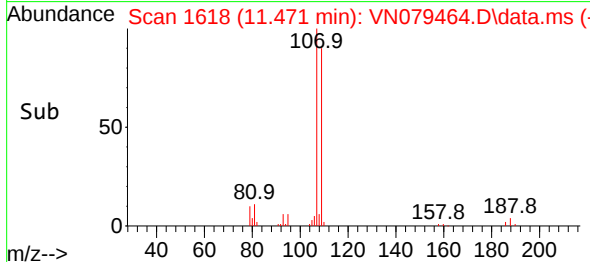
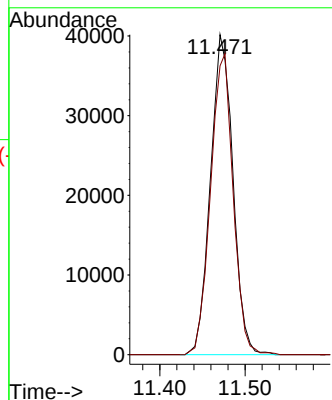
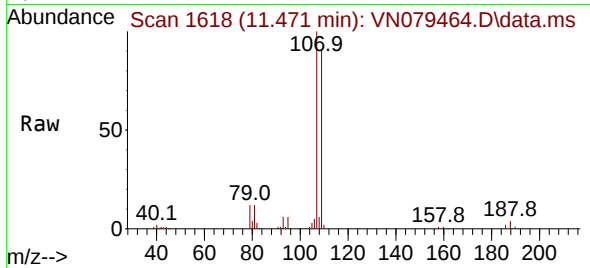
#61
1,2-Dibromoethane
Concen: 20.314 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:107 Resp: 7358
Ion Ratio Lower Upper
107 100
109 94.4 76.6 114.8

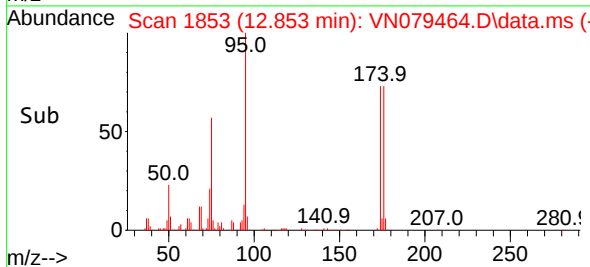
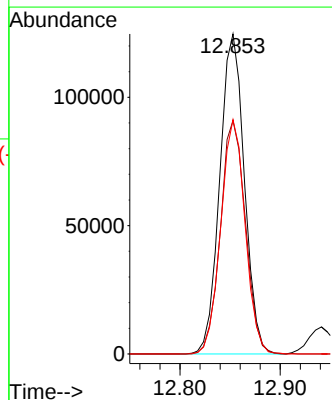
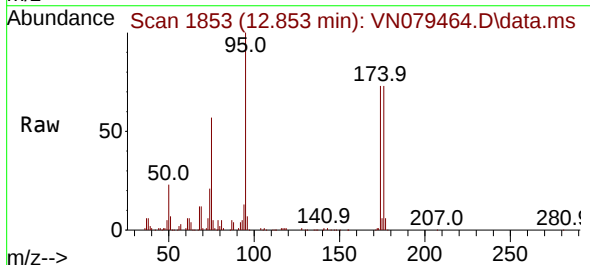
Manual Integrations
APPROVED

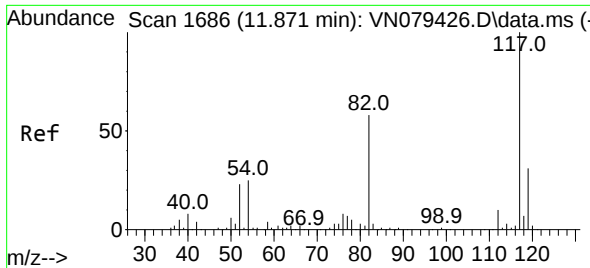
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#62
4-Bromofluorobenzene
Concen: 52.640 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

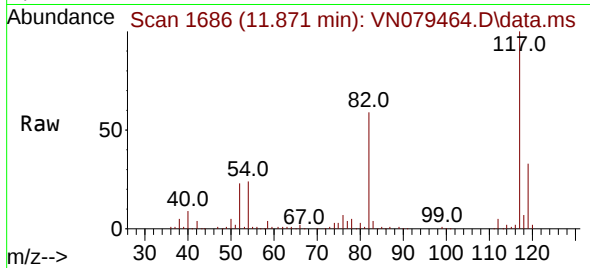
Tgt Ion: 95 Resp: 211824
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 72.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

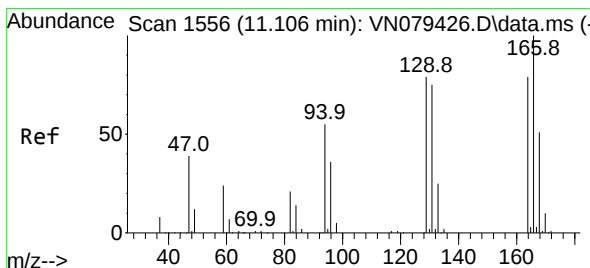
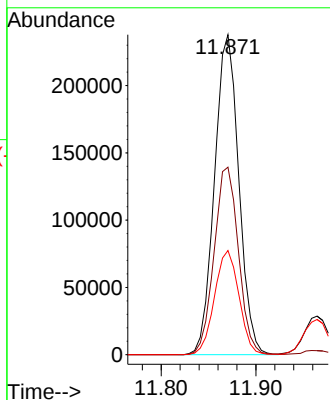
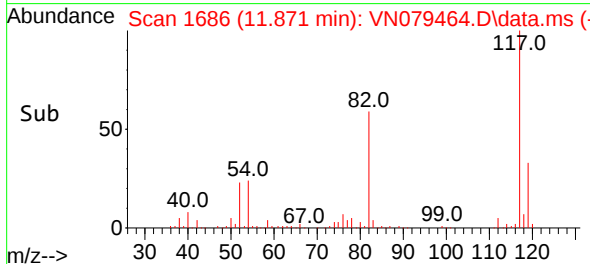
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion:117 Resp: 424219
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.6 25.6 38.4

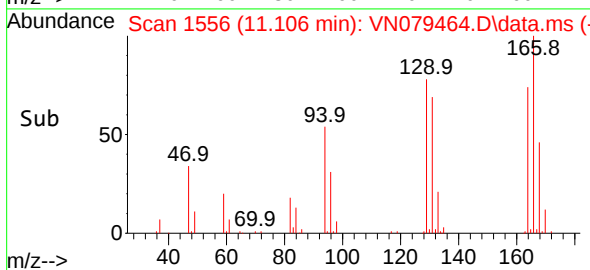
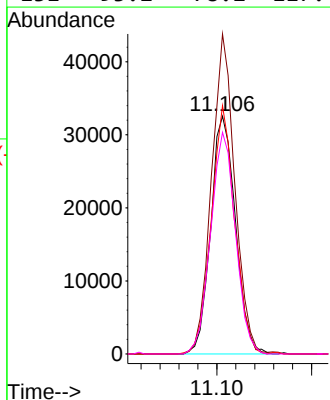
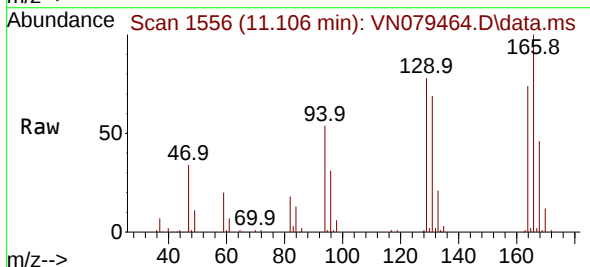
Manual Integrations
APPROVED

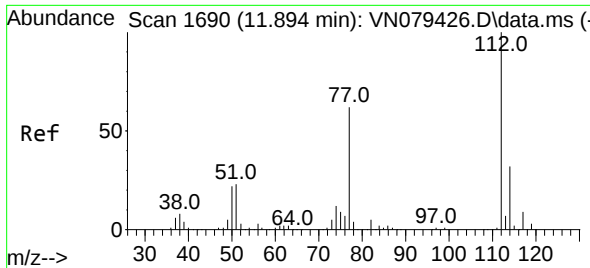
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#64
Tetrachloroethene
Concen: 20.201 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

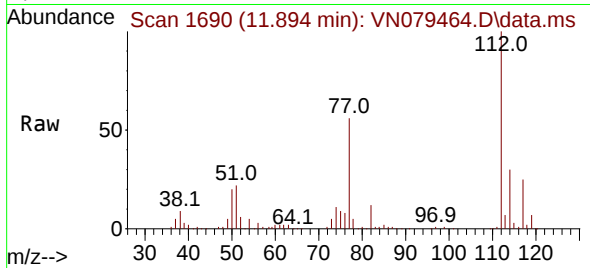
Tgt Ion:164 Resp: 58952
Ion Ratio Lower Upper
164 100
166 134.6 101.4 152.0
129 104.4 82.4 123.6
131 93.2 78.2 117.4





#65
Chlorobenzene
Concen: 20.894 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

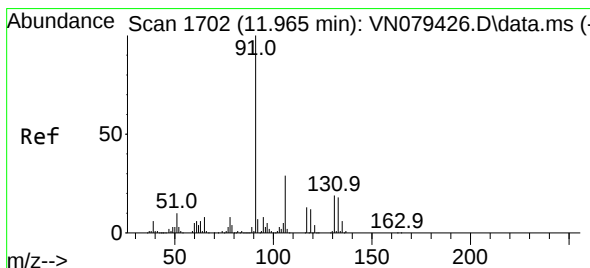
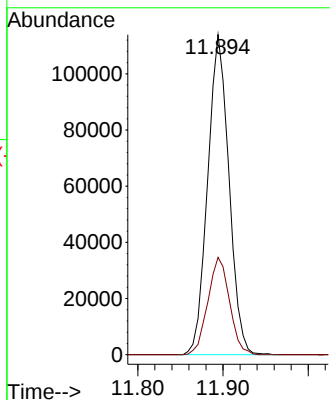
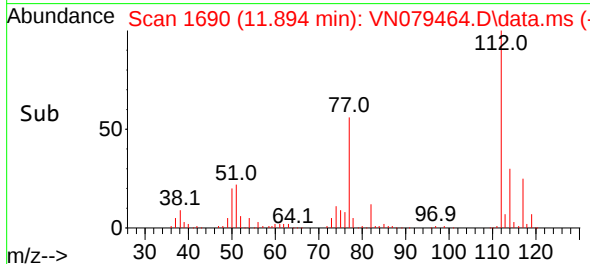
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



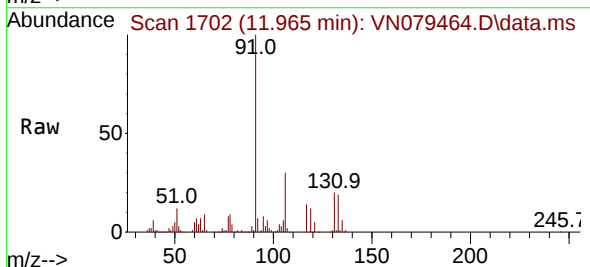
Tgt Ion:112 Resp: 19739
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

Manual Integrations
APPROVED

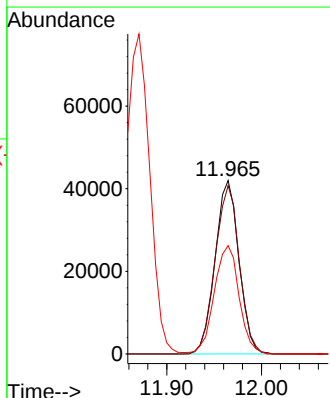
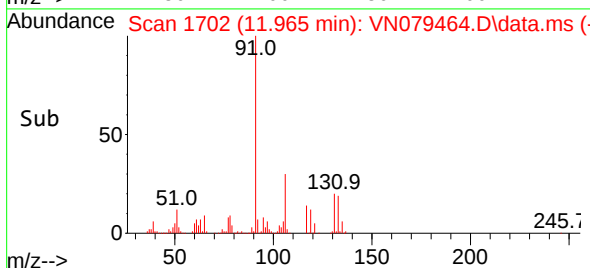
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.230 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



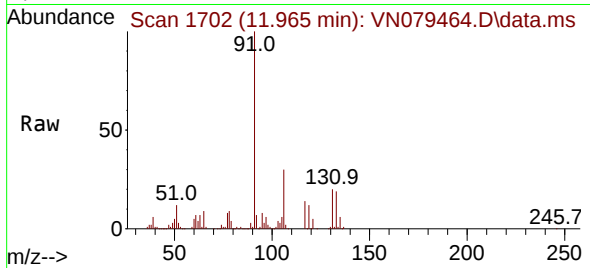
Tgt Ion:131 Resp: 73437
Ion Ratio Lower Upper
131 100
133 98.7 46.4 139.1
119 65.1 34.1 102.2





#67
Ethyl Benzene
Concen: 21.697 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

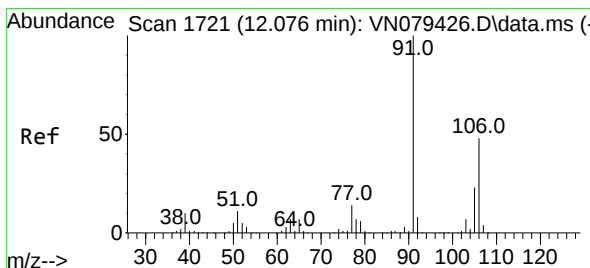
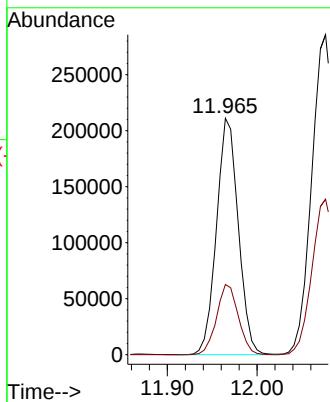
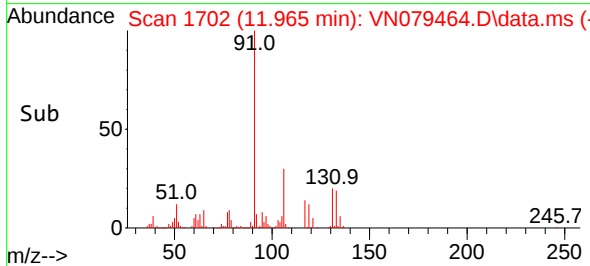
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 91 Resp: 356284
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4

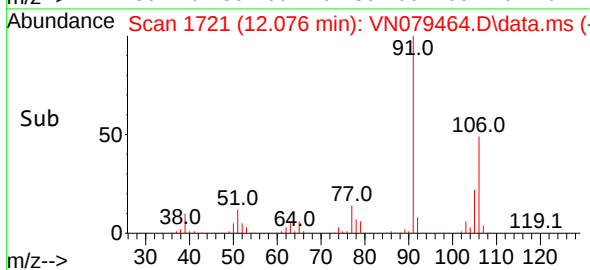
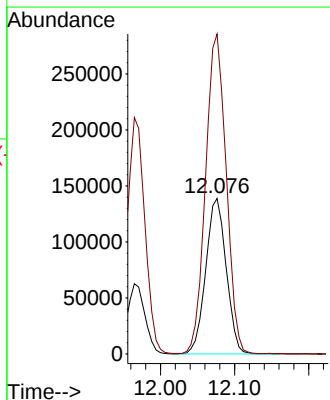
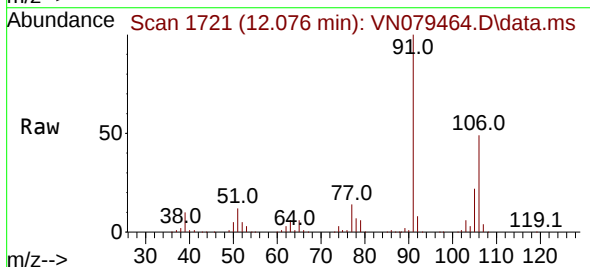
Manual Integrations
APPROVED

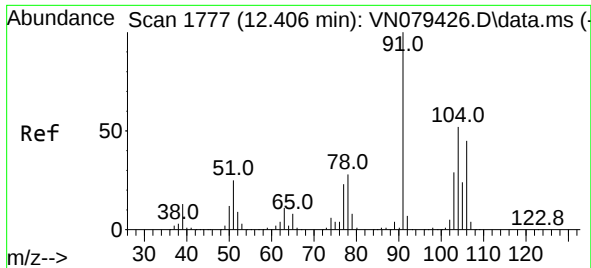
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#68
m/p-Xylenes
Concen: 44.705 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion:106 Resp: 266727
Ion Ratio Lower Upper
106 100
91 207.1 159.6 239.4





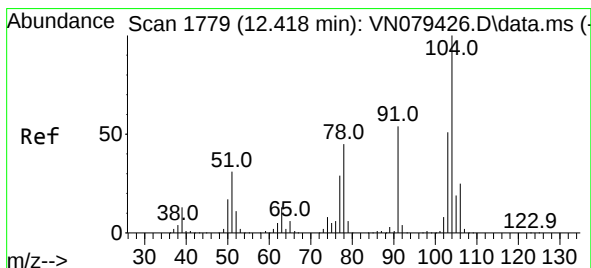
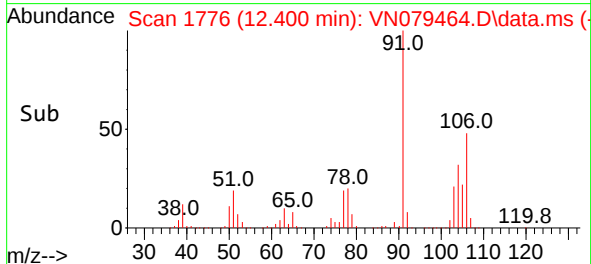
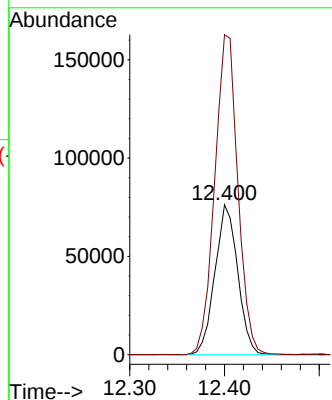
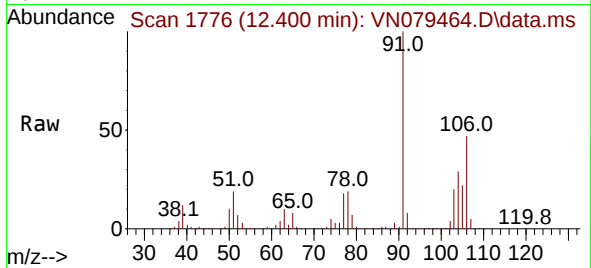
#69
o-Xylene
Concen: 21.685 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:106 Resp: 127238
Ion Ratio Lower Upper
106 100
91 217.3 105.2 315.5

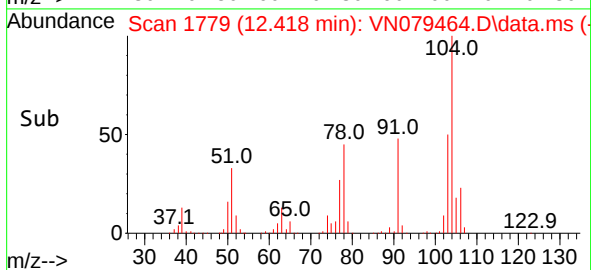
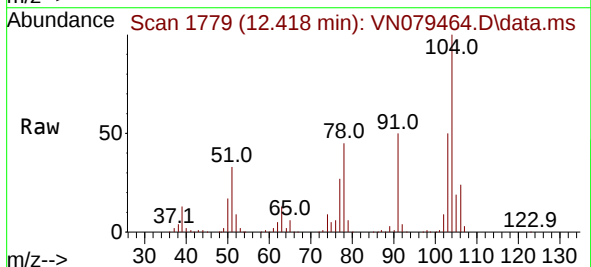
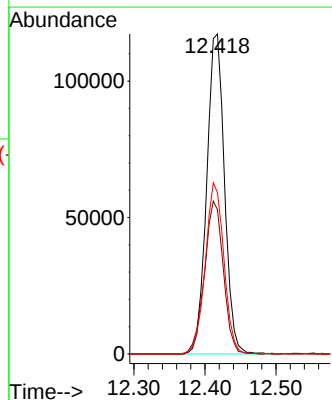
Manual Integrations
APPROVED

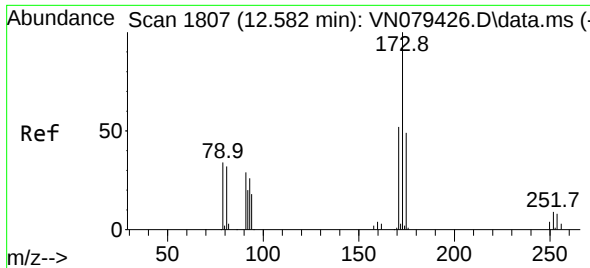
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#70
Styrene
Concen: 22.063 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

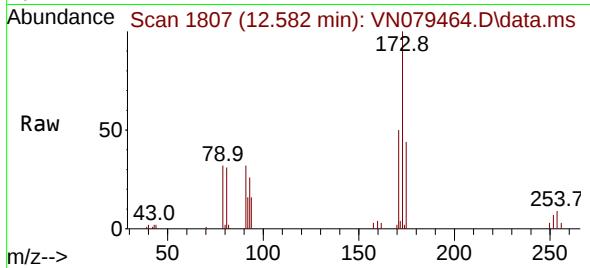
Tgt Ion:104 Resp: 204489
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 56.1 43.2 64.8





#71
Bromoform
Concen: 20.263 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

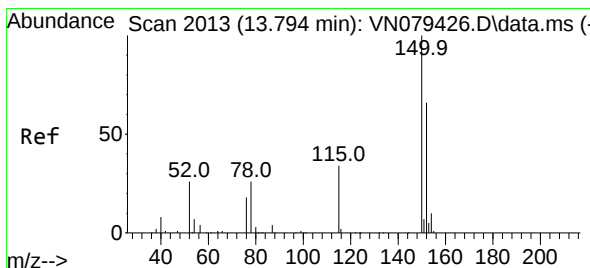
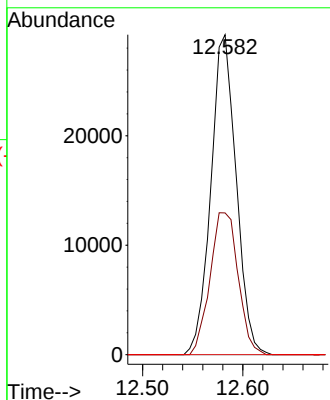
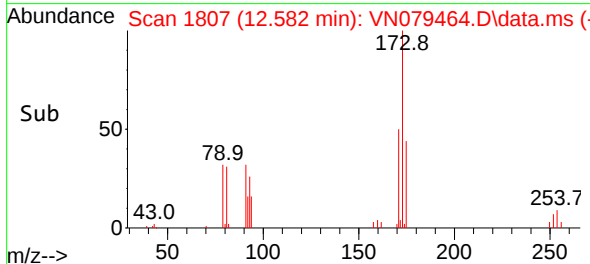
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



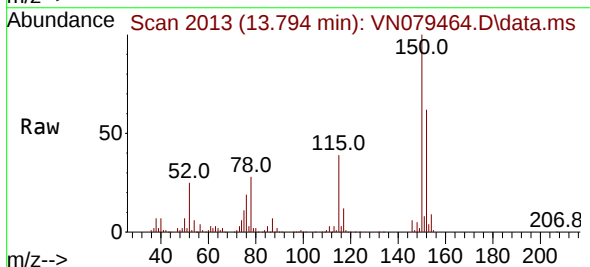
Tgt Ion:173 Resp: 51298
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

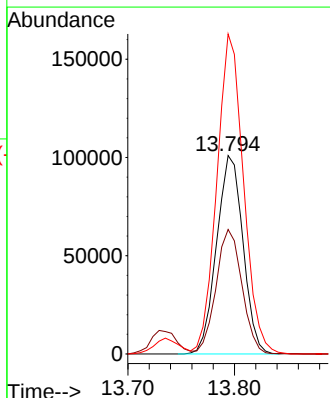
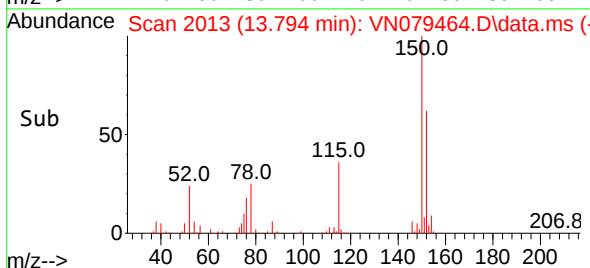
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023

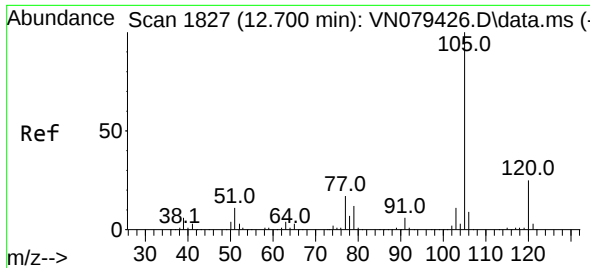


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion:152 Resp: 173702
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 163.1 0.0 355.8





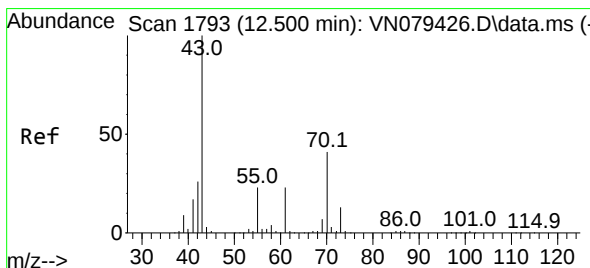
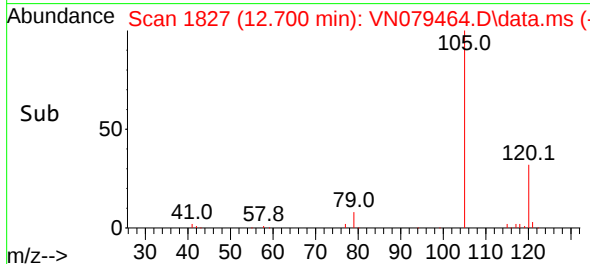
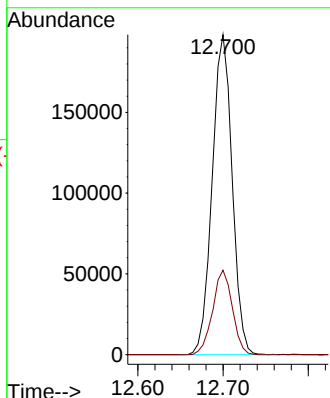
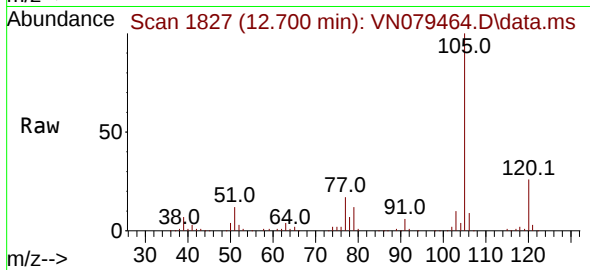
#73
Isopropylbenzene
Concen: 19.933 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:105 Resp: 32212
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1

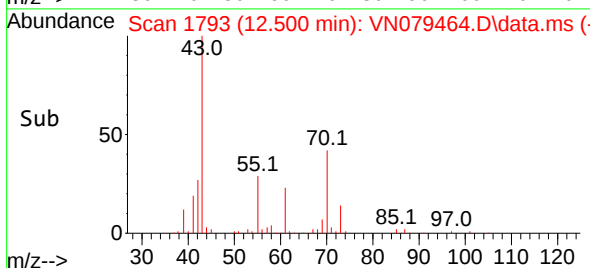
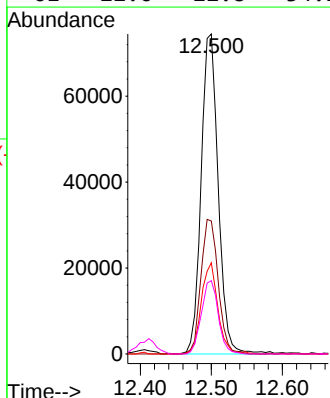
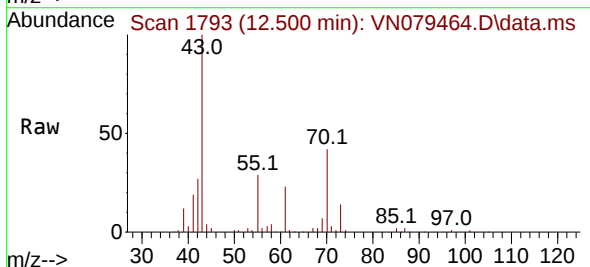
Manual Integrations
APPROVED

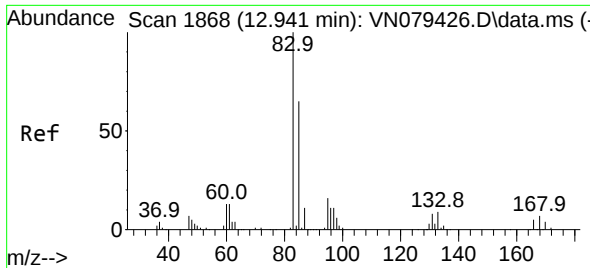
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#74
N-ethyl acetate
Concen: 18.883 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

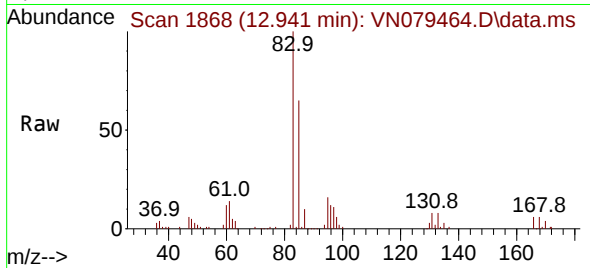
Tgt Ion: 43 Resp: 125098
Ion Ratio Lower Upper
43 100
70 42.5 43.4 65.2#
55 27.6 21.4 32.0
61 22.6 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 21.151 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

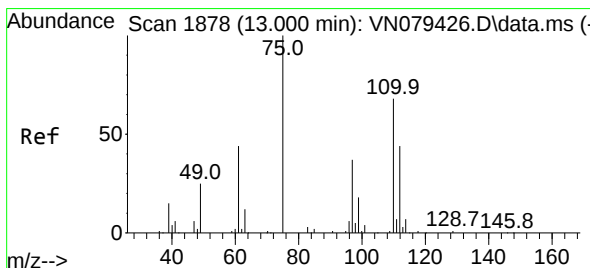
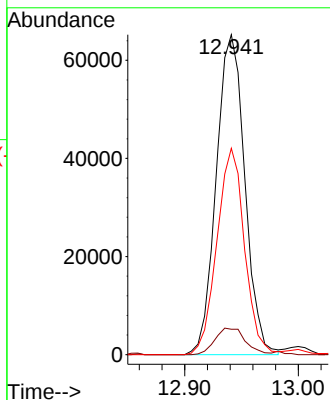
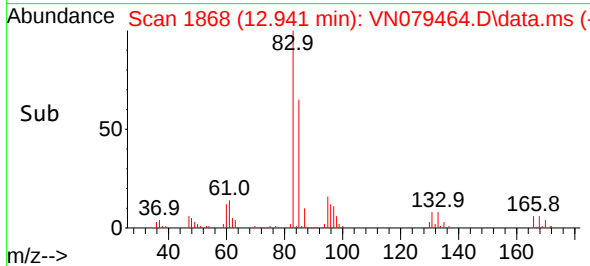
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 83 Resp: 11398
Ion Ratio Lower Upper
83 100
131 8.9 5.0 15.0
85 62.2 31.9 95.7

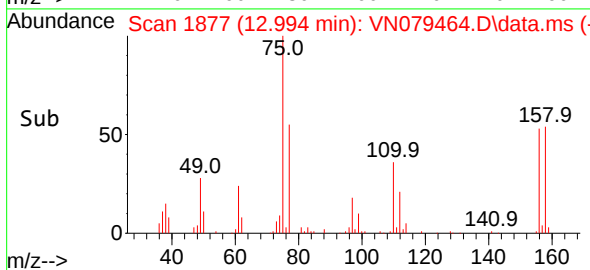
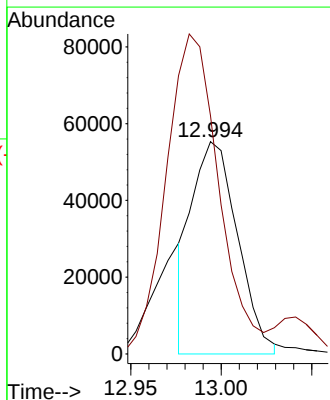
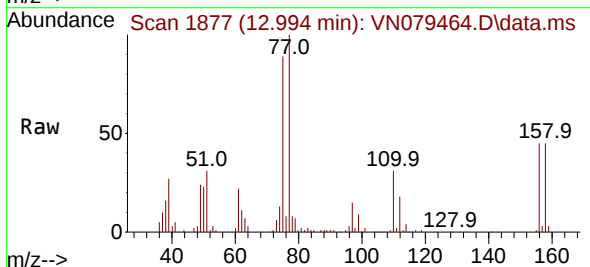
Manual Integrations
APPROVED

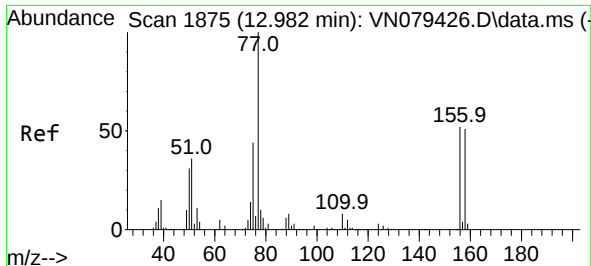
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#76
1,2,3-Trichloropropane
Concen: 19.416 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 75 Resp: 97243
Ion Ratio Lower Upper
75 100
77 174.0 84.5 253.5





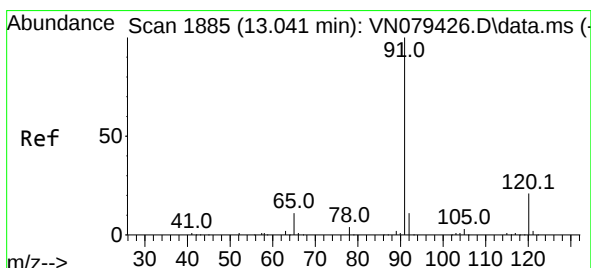
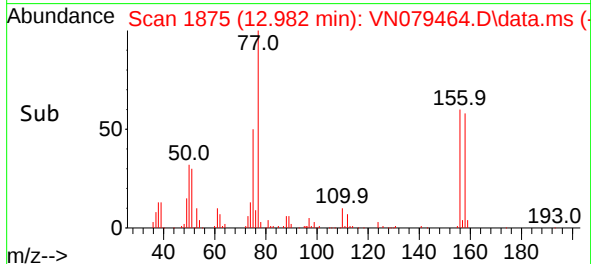
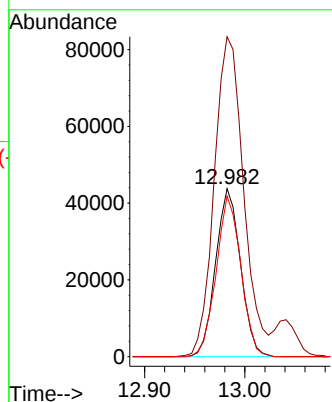
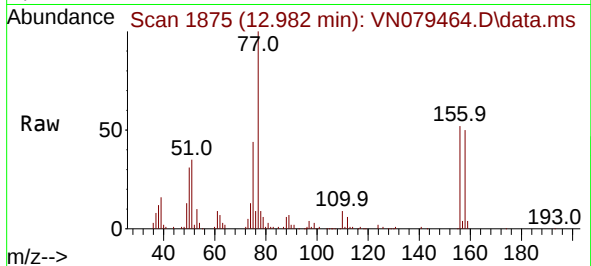
#77
Bromobenzene
Concen: 18.994 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion:156 Resp: 7526
Ion Ratio Lower Upper
156 100
77 224.8 107.7 323.3
158 94.8 48.4 145.3

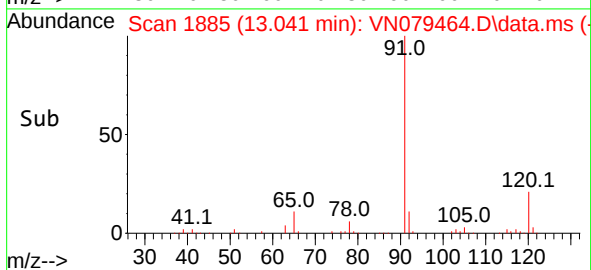
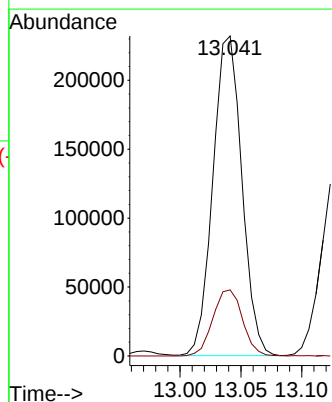
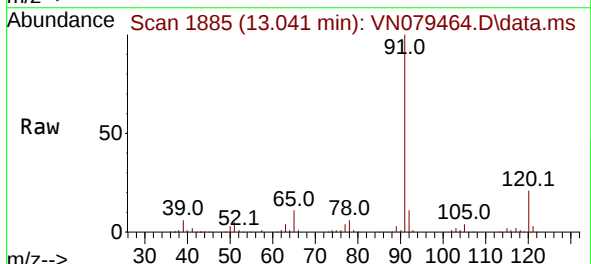
Manual Integrations
APPROVED

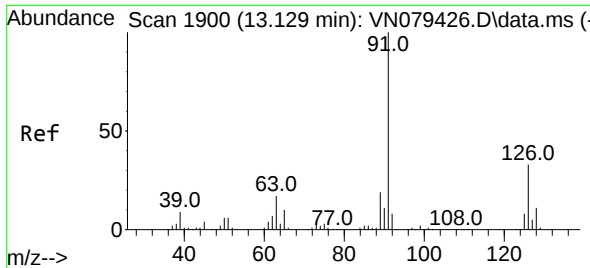
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#78
n-propylbenzene
Concen: 20.976 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion: 91 Resp: 383519
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





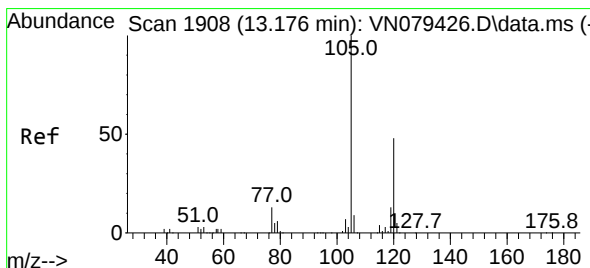
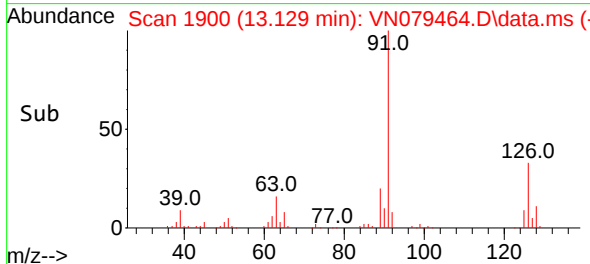
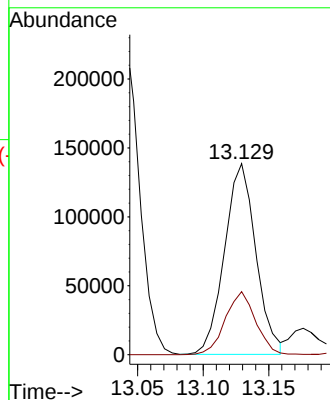
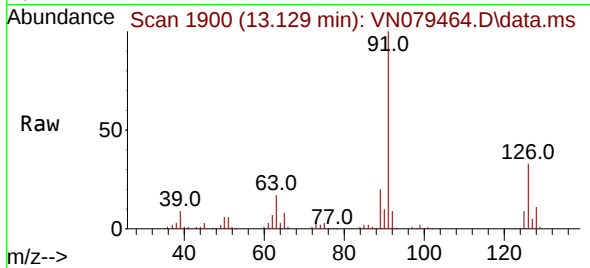
#79
2-Chlorotoluene
Concen: 19.701 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 91 Resp: 230494
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

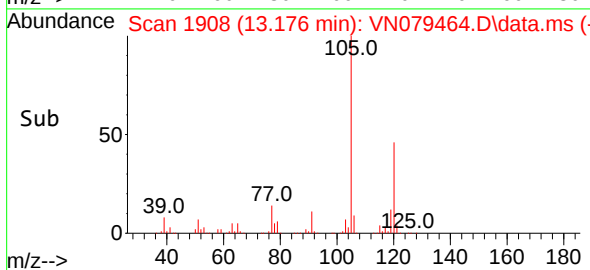
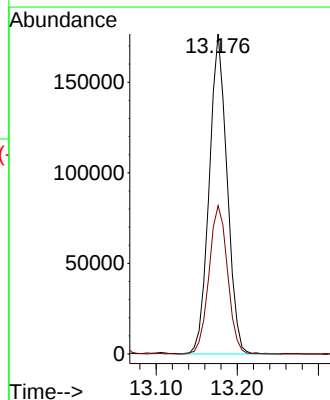
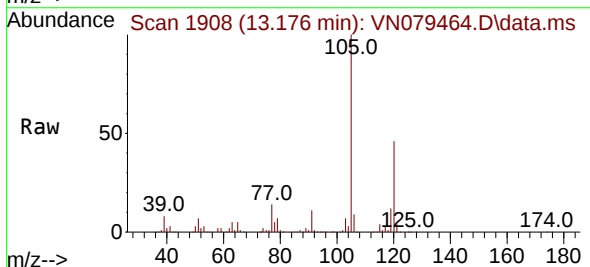
Manual Integrations
APPROVED

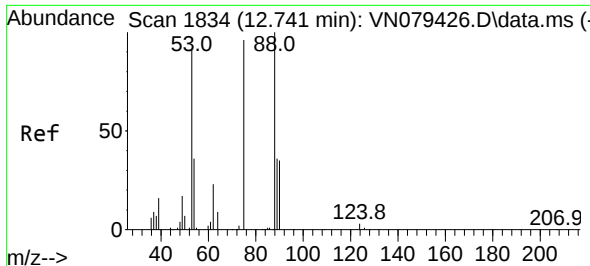
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.177 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

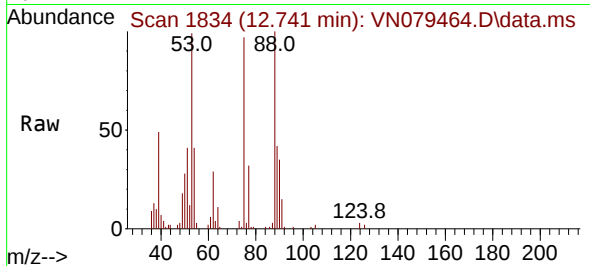
Tgt Ion:105 Resp: 269854
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.500 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

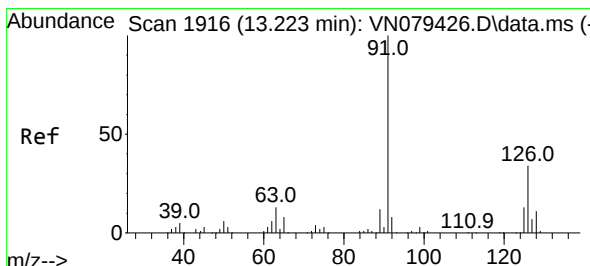
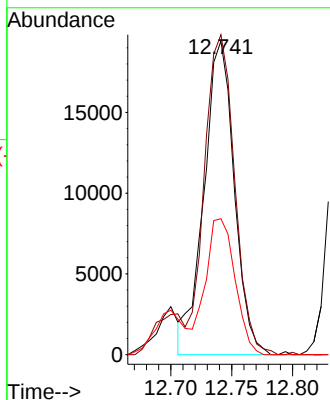
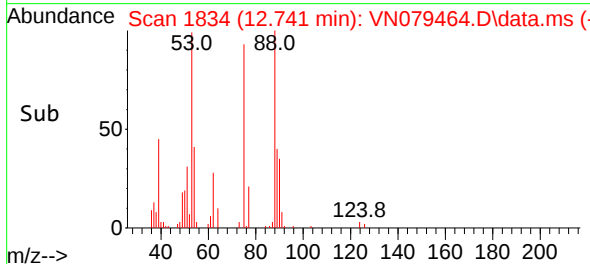
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



Tgt Ion: 75 Resp: 33659
Ion Ratio Lower Upper
75 100
53 101.1 67.4 101.2
89 41.7 38.8 58.2

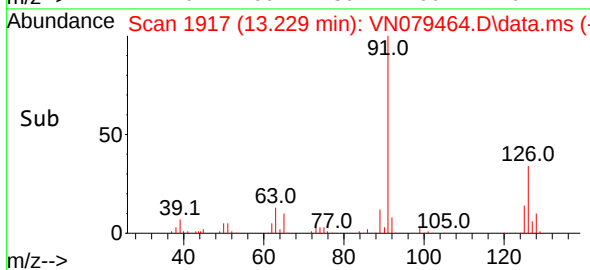
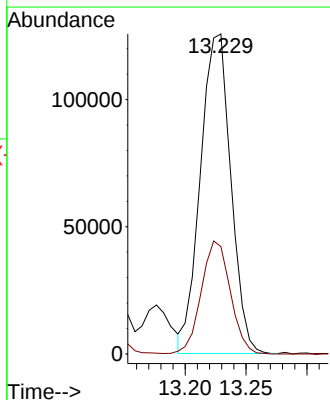
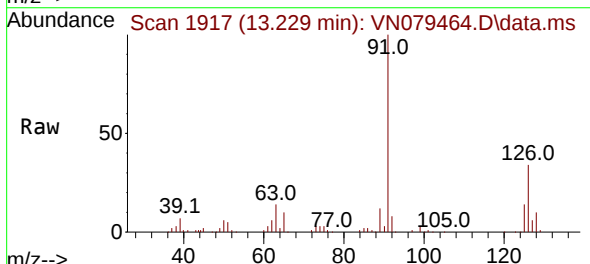
Manual Integrations
APPROVED

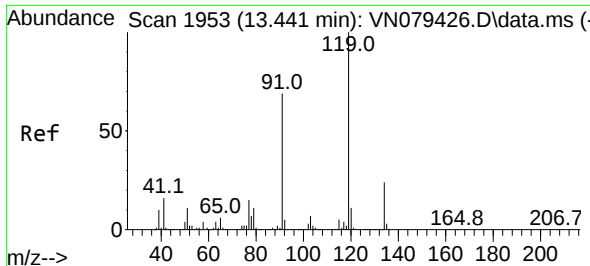
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#82
4-Chlorotoluene
Concen: 19.616 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

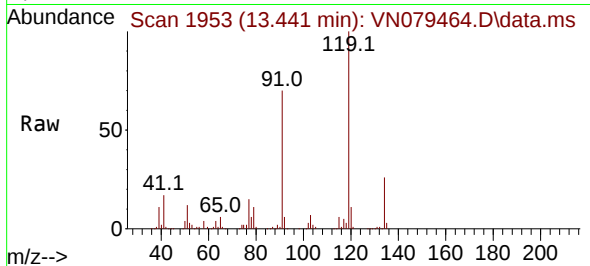
Tgt Ion: 91 Resp: 218389
Ion Ratio Lower Upper
91 100
126 33.8 16.7 50.0





#83
tert-Butylbenzene
Concen: 20.280 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

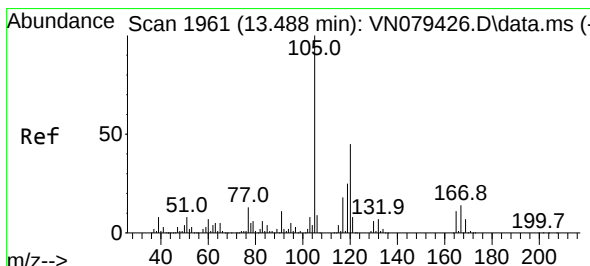
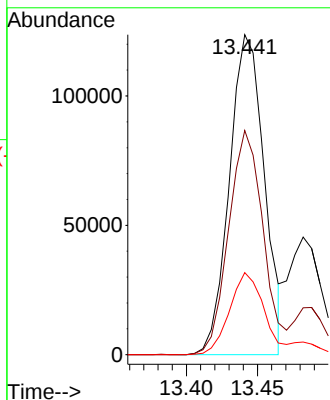
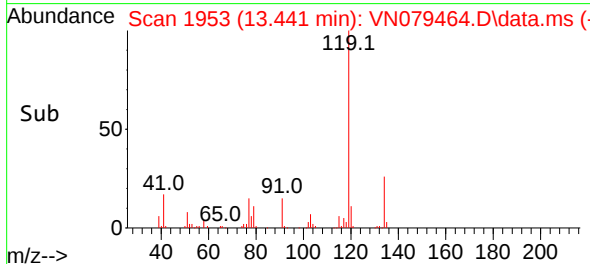
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01



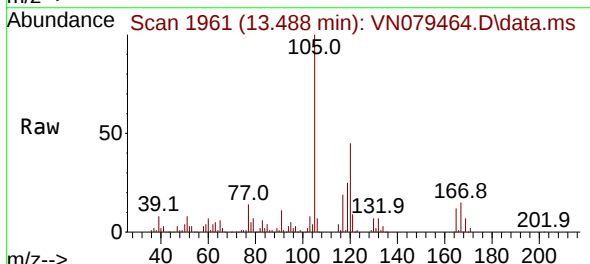
Tgt Ion:119 Resp: 211730
Ion Ratio Lower Upper
119 100
91 69.6 33.9 101.7
134 25.2 13.2 39.6

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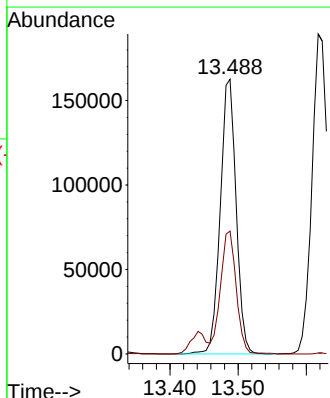
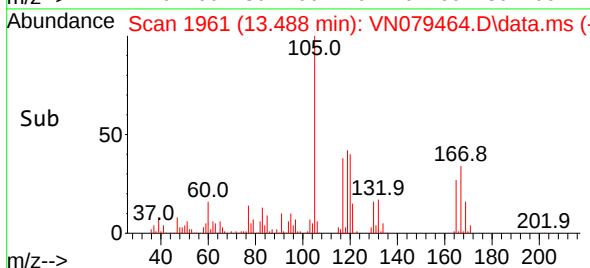
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#84
1,2,4-Trimethylbenzene
Concen: 21.658 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49



Tgt Ion:105 Resp: 263380
Ion Ratio Lower Upper
105 100
120 44.1 22.0 66.0





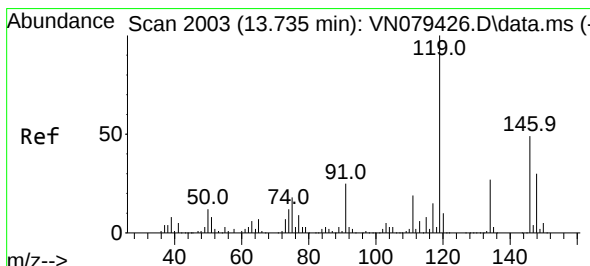
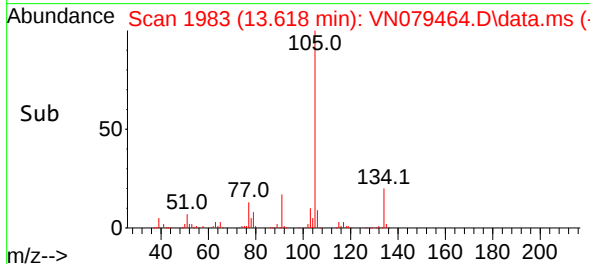
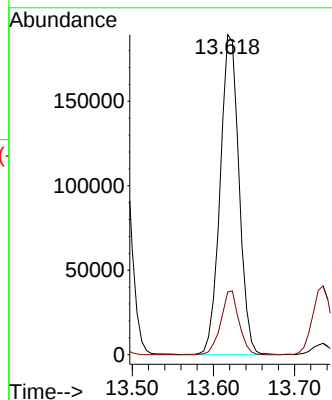
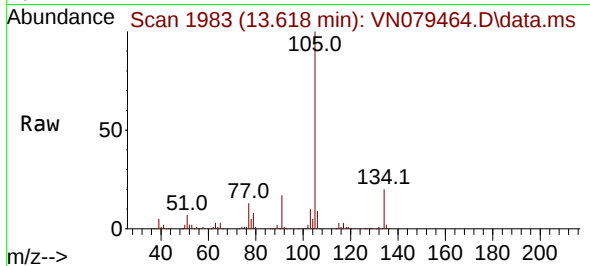
#85
 sec-Butylbenzene
 Concen: 21.063 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079464.D
 Acq: 09 Oct 2023 11:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS01

Tgt Ion:105 Resp: 30673
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

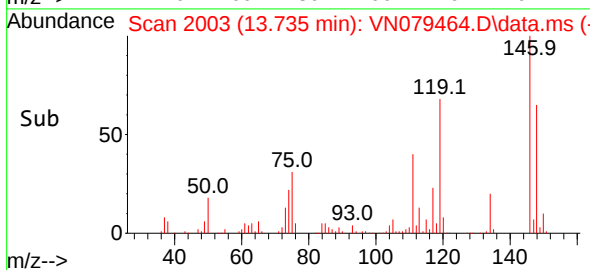
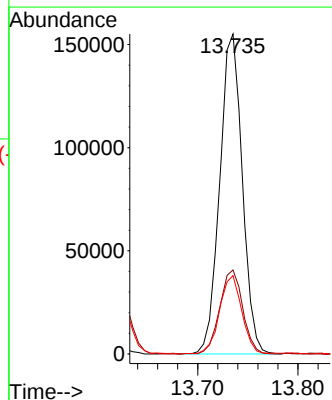
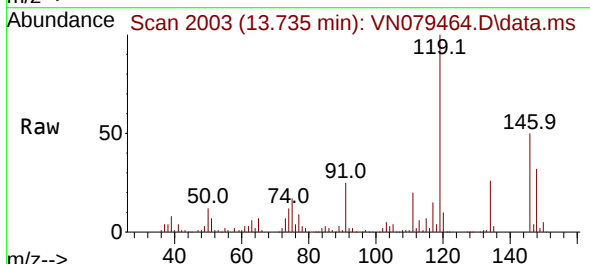
Manual Integrations
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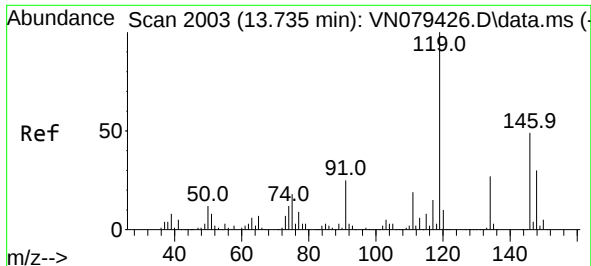
Reviewed By :John Carlone 10/10/2023
 Supervised By :Mahesh Dadoda 10/10/2023



#86
 p-Isopropyltoluene
 Concen: 21.661 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079464.D
 Acq: 09 Oct 2023 11:49

Tgt Ion:119 Resp: 241986
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 20.535 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

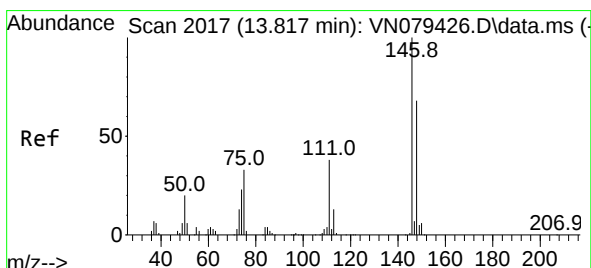
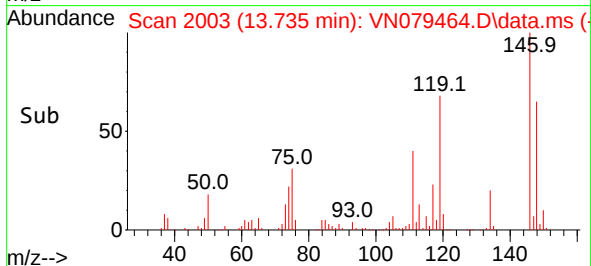
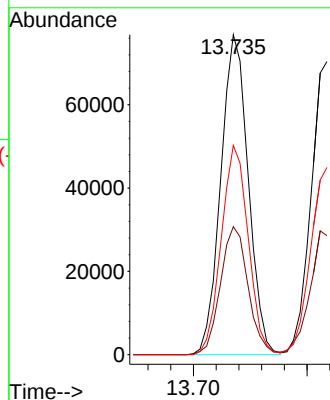
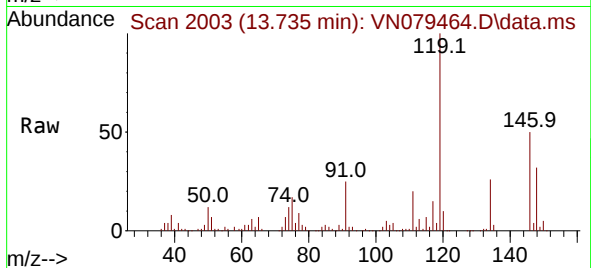
Tgt Ion:146 Resp: 12905
 Ion Ratio Lower Upper
 146 100
 111 40.3 22.1 66.3
 148 64.2 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#88

1,4-Dichlorobenzene

Concen: 18.581 ug/l

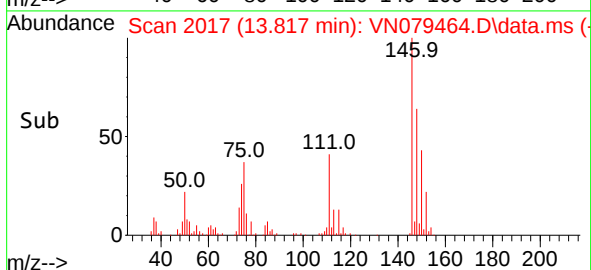
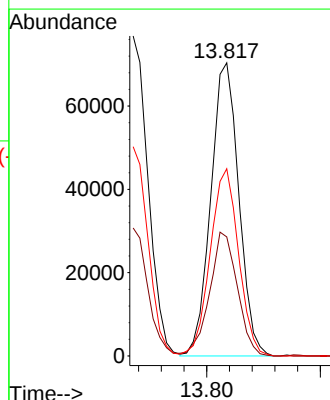
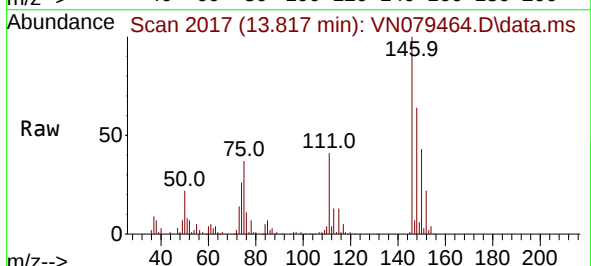
RT: 13.817 min Scan# 2017

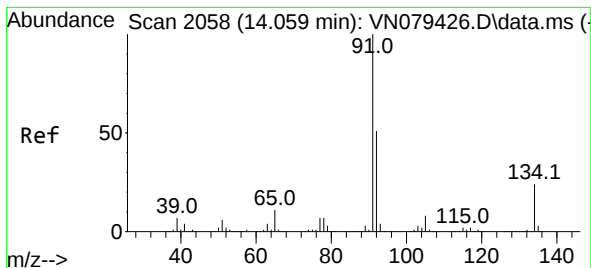
Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Tgt Ion:146 Resp: 120580
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 64.6 31.6 94.8





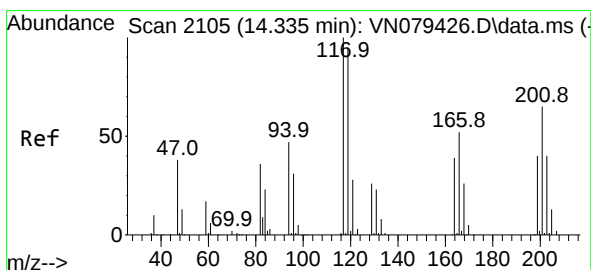
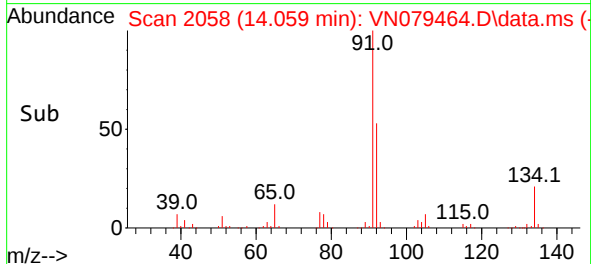
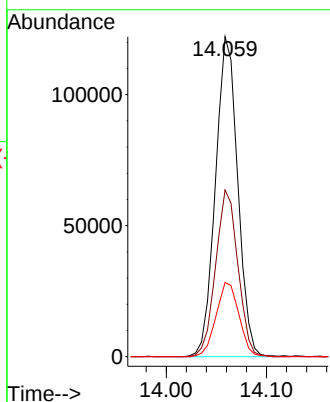
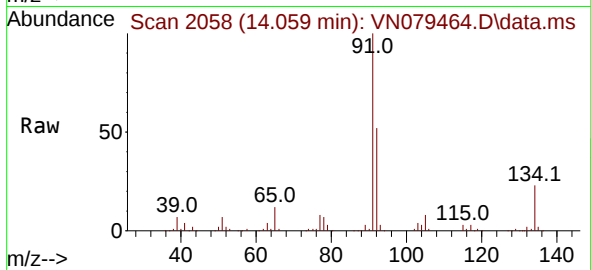
#89
n-Butylbenzene
Concen: 21.076 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS01

Tgt Ion: 91 Resp: 188020
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 23.9 12.6 37.6

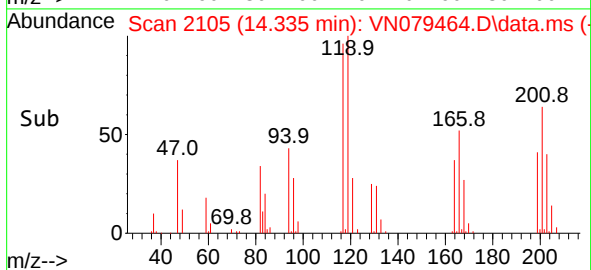
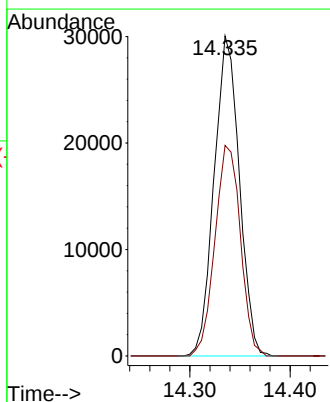
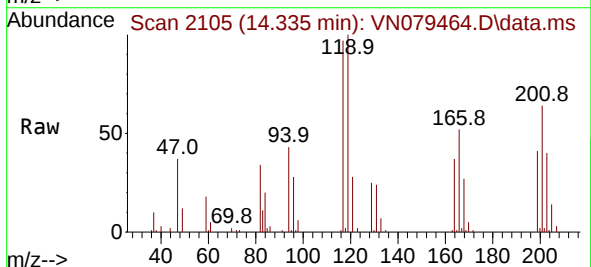
Manual Integrations
APPROVED

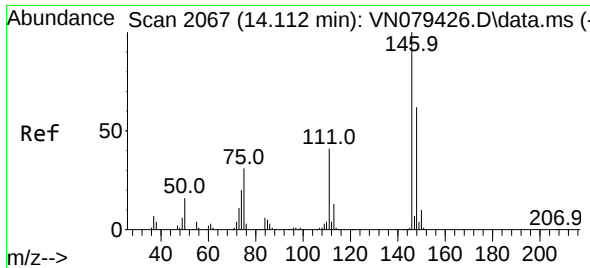
Reviewed By :John Carlone 10/10/2023
Supervised By :Mahesh Dadoda 10/10/2023



#90
Hexachloroethane
Concen: 22.552 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079464.D
Acq: 09 Oct 2023 11:49

Tgt Ion:117 Resp: 52450
Ion Ratio Lower Upper
117 100
201 66.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 19.723 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

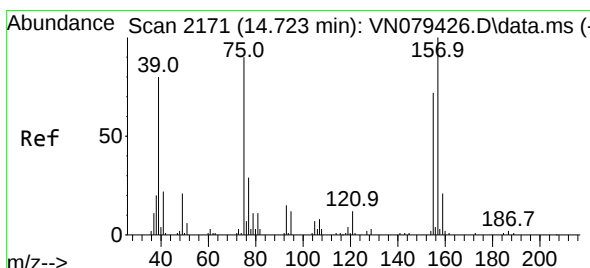
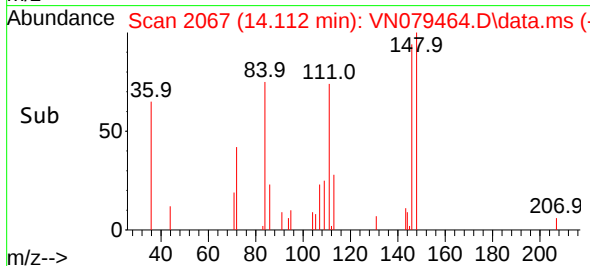
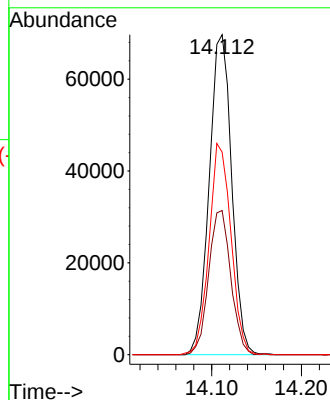
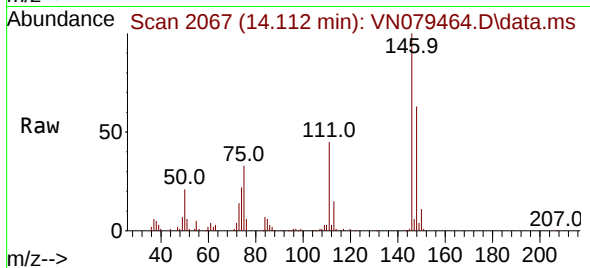
Tgt Ion:	146	Resp:	120908
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.0	66.0
148	64.5	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.343 ug/l

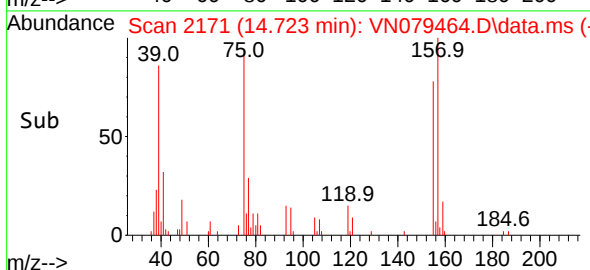
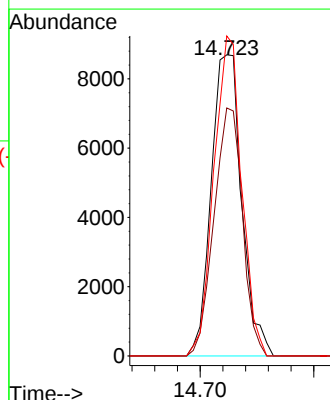
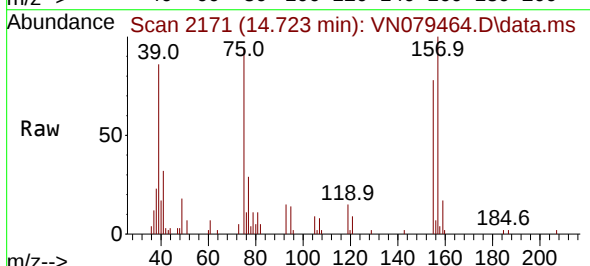
RT: 14.723 min Scan# 2171

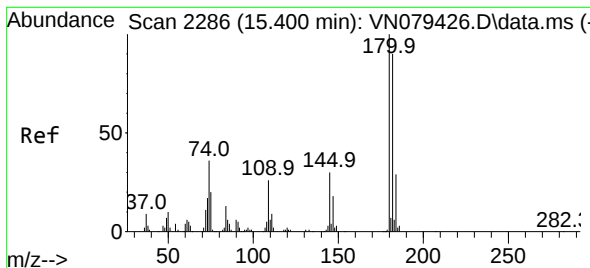
Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Tgt Ion:	75	Resp:	16206
Ion Ratio	Lower	Upper	
75	100		
155	77.0	39.1	117.2
157	96.8	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 17.028 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

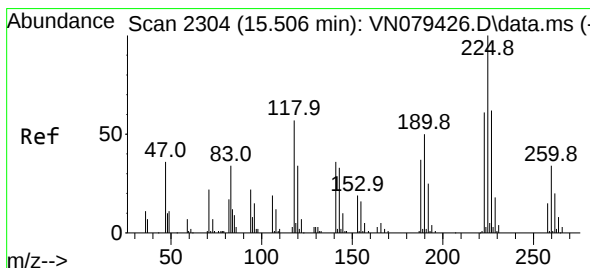
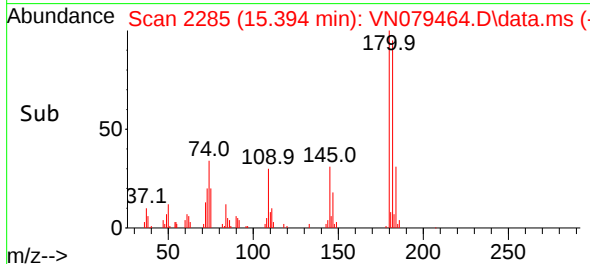
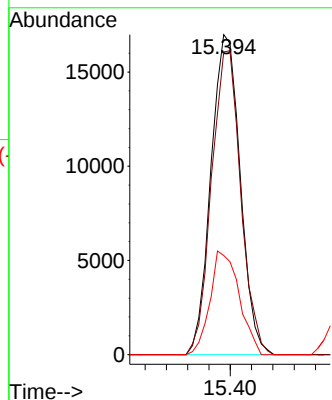
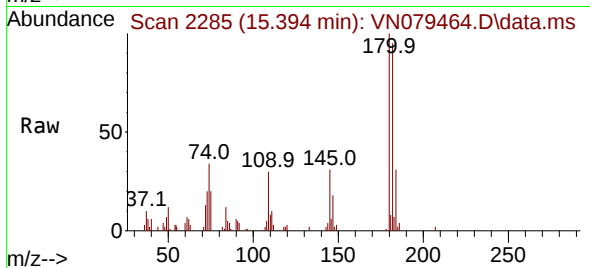
Tgt Ion:180	Resp:	32330
Ion Ratio	Lower	Upper
180	100	
182	94.7	46.1 138.2
145	32.3	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#94

Hexachlorobutadiene

Concen: 19.319 ug/l

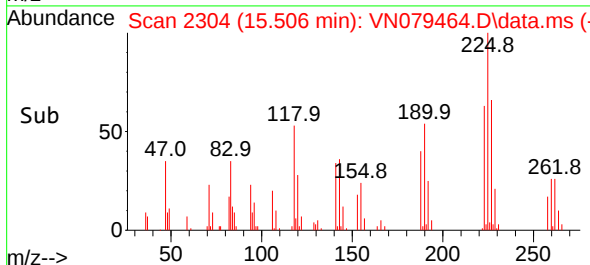
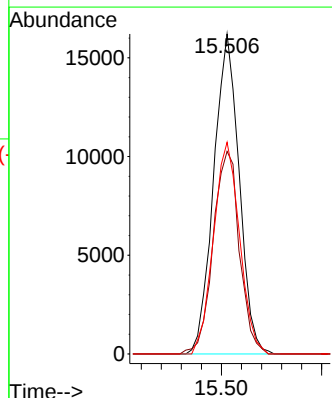
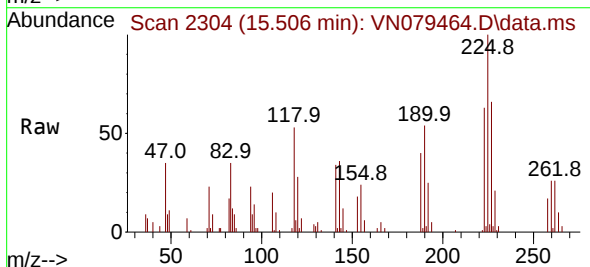
RT: 15.506 min Scan# 2304

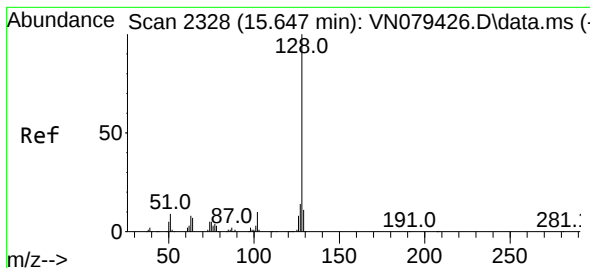
Delta R.T. 0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Tgt Ion:225	Resp:	28568
Ion Ratio	Lower	Upper
225	100	
223	65.4	31.3 93.8
227	67.9	31.9 95.9





#95

Naphthalene

Concen: 13.509 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS01

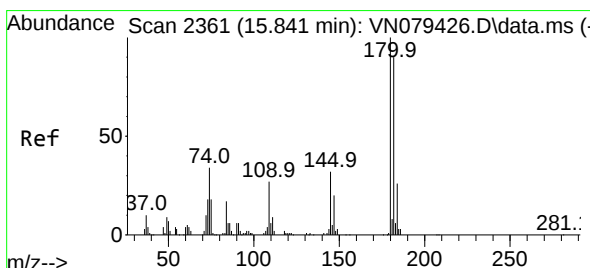
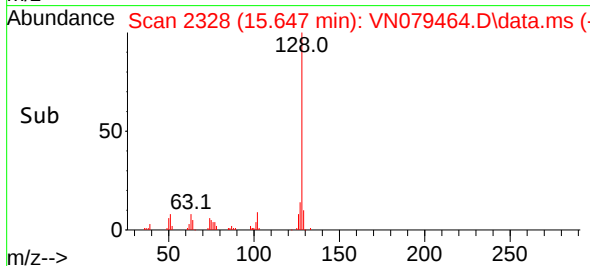
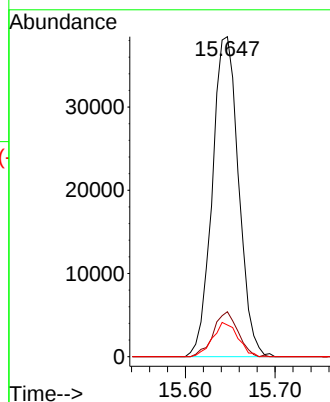
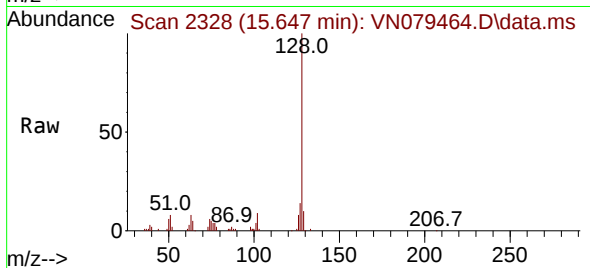
Tgt Ion:128	Resp:	78324
Ion Ratio	Lower	Upper
128	100	
127	13.2	10.0 15.0
129	10.3	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/10/2023

Supervised By :Mahesh Dadoda 10/10/2023



#96

1,2,3-Trichlorobenzene

Concen: 16.120 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN079464.D

Acq: 09 Oct 2023 11:49

Tgt Ion:180	Resp:	36524
Ion Ratio	Lower	Upper
180	100	
182	94.6	46.2 138.6
145	32.9	17.5 52.6

