

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079561.D
 Acq On : 12 Oct 2023 21:35
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

Quant Time: Oct 13 01:27:34 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	235210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191815	50.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	8.171	113	153556	50.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	10.571	98	579318	52.715	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.853	95	188460	53.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	162615	48.247	ug/l	96
3) Chloromethane	2.365	50	183087	43.535	ug/l	99
4) Vinyl Chloride	2.518	62	205919	47.074	ug/l	99
5) Bromomethane	2.948	94	100664	38.441	ug/l	98
6) Chloroethane	3.112	64	129054	39.132	ug/l	98
7) Trichlorofluoromethane	3.495	101	253960	49.171	ug/l	99
8) Diethyl Ether	3.965	74	93056	50.539	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	140926	46.692	ug/l	99
10) Methyl Iodide	4.595	142	157482	60.129	ug/l	97
11) Tert butyl alcohol	5.524	59	121983	212.515	ug/l	99
12) 1,1-Dichloroethene	4.342	96	133830	48.157	ug/l #	81
13) Acrolein	4.183	56	150722	263.710	ug/l	98
14) Allyl chloride	5.030	41	205271	45.772	ug/l	90
15) Acrylonitrile	5.724	53	399115	239.836	ug/l	99
16) Acetone	4.430	43	315278	208.426	ug/l	95
17) Carbon Disulfide	4.712	76	375280	43.292	ug/l	96
18) Methyl Acetate	5.030	43	331108	44.722	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	466981	51.717	ug/l #	91
20) Methylene Chloride	5.277	84	162907	49.170	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	151539	46.688	ug/l #	84
22) Diisopropyl ether	6.677	45	522904	51.998	ug/l #	91
23) Vinyl Acetate	6.606	43	1465132	259.011	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	304230	49.432	ug/l	97
25) 2-Butanone	7.489	43	520446	231.813	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	220935	46.973	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	174321	49.437	ug/l	85
28) Bromochloromethane	7.818	49	152927	52.224	ug/l #	74
29) Tetrahydrofuran	7.841	42	350614	241.467	ug/l #	76
30) Chloroform	7.971	83	307163	49.396	ug/l	92
31) Cyclohexane	8.259	56	245569	45.394	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	261375	49.946	ug/l	95
36) 1,1-Dichloropropene	8.377	75	225745	49.522	ug/l	95
37) Ethyl Acetate	7.565	43	221438	48.819	ug/l #	90
38) Carbon Tetrachloride	8.365	117	224216	49.133	ug/l	98
39) Methylcyclohexane	9.606	83	213079	48.653	ug/l #	87
40) Benzene	8.612	78	684123	50.534	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	112248	47.072	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	244548	49.713	ug/l	98
43) Isopropyl Acetate	8.694	43	407958	51.337	ug/l #	85
44) Trichloroethene	9.353	130	155287	48.735	ug/l	100
45) 1,2-Dichloropropane	9.624	63	179429	50.304	ug/l	98
46) Dibromomethane	9.712	93	116824	50.570	ug/l	96
47) Bromodichloromethane	9.888	83	244309	51.411	ug/l	100
48) Methyl methacrylate	9.683	41	168655	49.528	ug/l #	83
49) 1,4-Dioxane	9.700	88	61088	973.926	ug/l	86
51) 4-Methyl-2-Pentanone	10.447	43	1121703	250.054	ug/l	89
52) Toluene	10.635	92	412121	51.716	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	246878	51.553	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	267212	50.972	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	160668	50.221	ug/l	97
56) Ethyl methacrylate	10.877	69	245410	55.824	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	285883	51.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	459168	272.733	ug/l #	88
59) 2-Hexanone	11.200	43	792079	244.694	ug/l	87
60) Dibromochloromethane	11.365	129	172451	53.634	ug/l	99
61) 1,2-Dibromoethane	11.471	107	157524	49.615	ug/l	99
64) Tetrachloroethene	11.106	164	125354	47.039	ug/l	99
65) Chlorobenzene	11.894	112	417422	48.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	159005	50.337	ug/l	98
67) Ethyl Benzene	11.965	91	784286	52.303	ug/l	94
68) m/p-Xylenes	12.077	106	579359	106.337	ug/l	93
69) o-Xylene	12.400	106	277436	51.778	ug/l	92
70) Styrene	12.418	104	467218	55.204	ug/l	98
71) Bromoform	12.582	173	111730	48.329	ug/l #	99
73) Isopropylbenzene	12.700	105	715786	44.742	ug/l	99
74) N-amyl acetate	12.500	43	297756	45.399	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	238134	46.020	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	209753m	42.305	ug/l	
77) Bromobenzene	12.982	156	164095	41.832	ug/l	95
78) n-propylbenzene	13.041	91	833664	46.058	ug/l	98
79) 2-Chlorotoluene	13.129	91	503963	43.511	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	587844	46.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	69676	40.775	ug/l	85
82) 4-Chlorotoluene	13.224	91	495334	44.942	ug/l	99
83) tert-Butylbenzene	13.441	119	489674	47.377	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	580750	48.238	ug/l	99
85) sec-Butylbenzene	13.618	105	670152	46.485	ug/l	100
86) p-Isopropyltoluene	13.735	119	536806	48.537	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	287965	46.284	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	279900	43.569	ug/l	99
89) n-Butylbenzene	14.059	91	432486	48.969	ug/l	98
90) Hexachloroethane	14.335	117	109433	48.712	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	279649	46.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37086	40.090	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	88501	47.085	ug/l	97
94) Hexachlorobutadiene	15.506	225	59510	40.651	ug/l	99
95) Naphthalene	15.647	128	229363	39.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93694	41.772	ug/l	97

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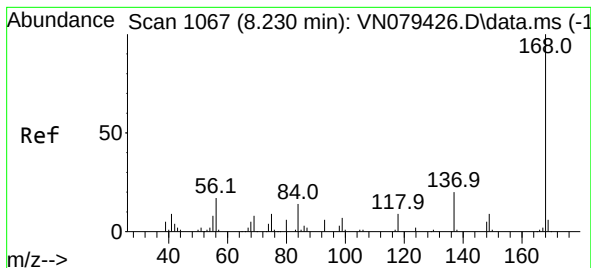
Manual Integrations
APPROVED

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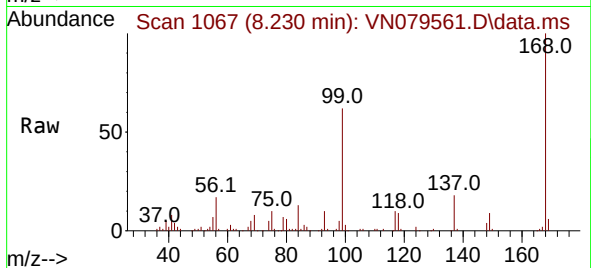
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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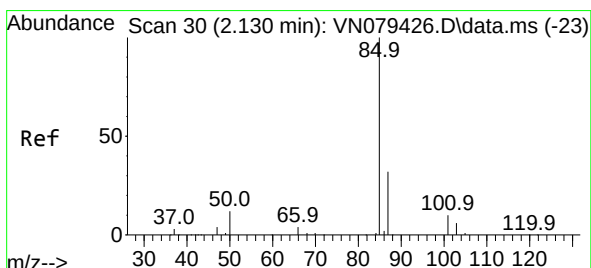
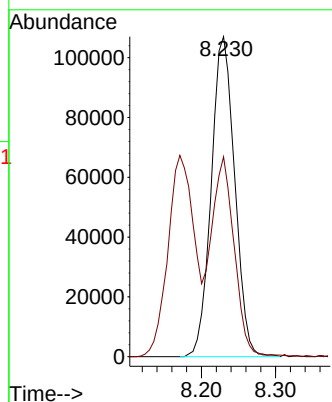
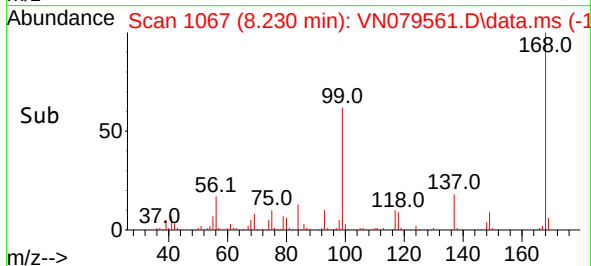
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 235210
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6

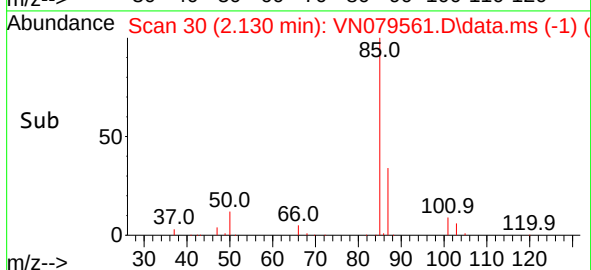
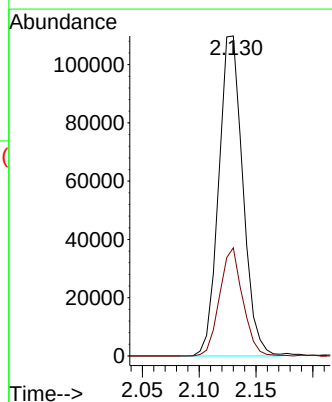
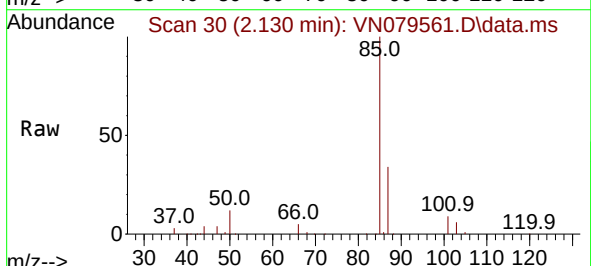
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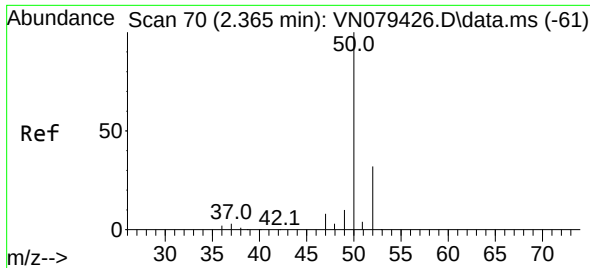
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#2
Dichlorodifluoromethane
Concen: 48.247 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

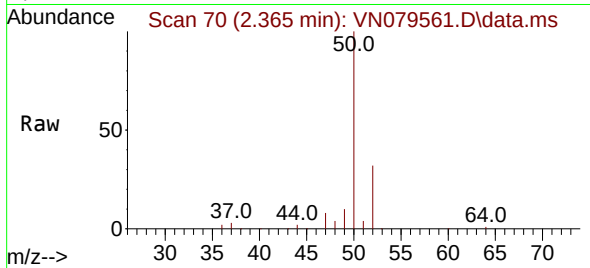
Tgt Ion: 85 Resp: 162615
Ion Ratio Lower Upper
85 100
87 33.8 15.8 47.4





#3
Chloromethane
Concen: 43.535 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

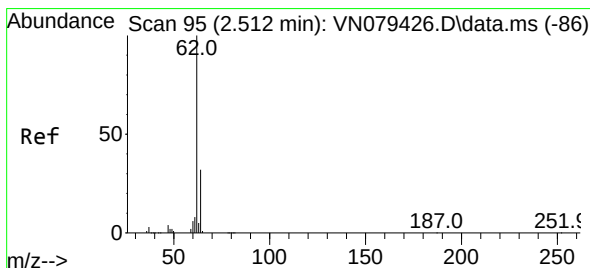
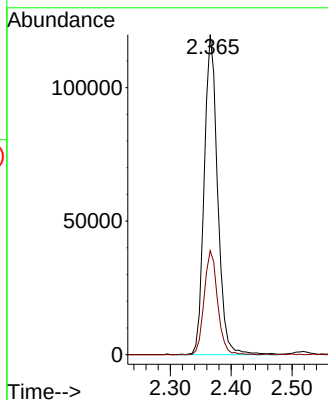
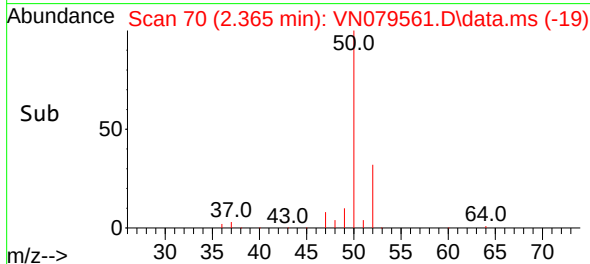
Instrument :
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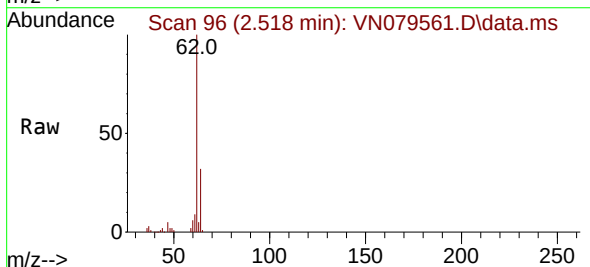
Tgt Ion: 50 Resp: 18308
Ion Ratio Lower Upper
50 100
52 32.5 26.5 39.7

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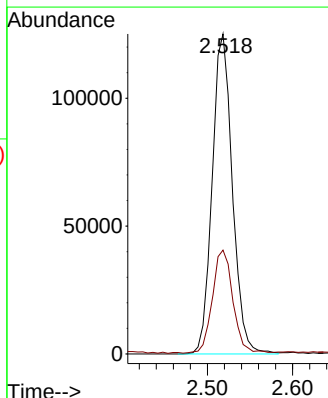
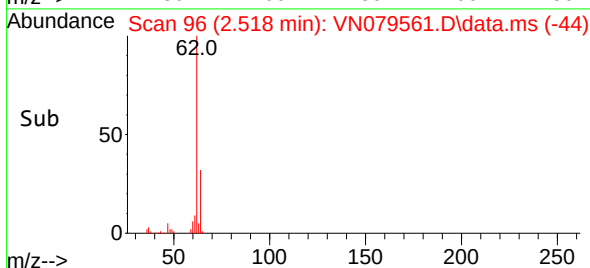
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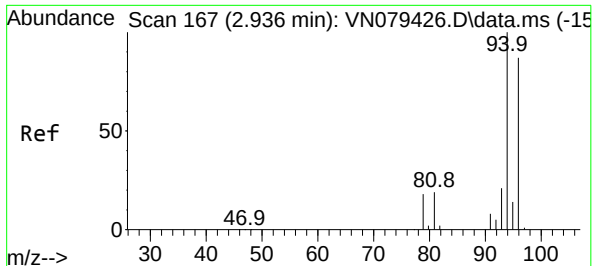


#4
Vinyl Chloride
Concen: 47.074 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



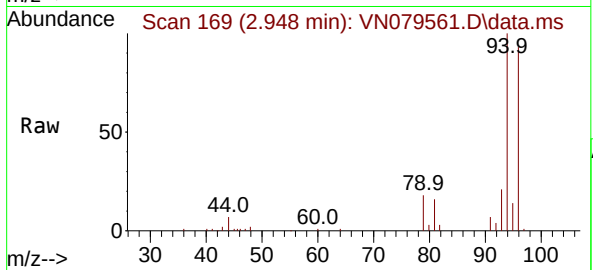
Tgt Ion: 62 Resp: 205919
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.2





#5
Bromomethane
Concen: 38.441 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.012 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

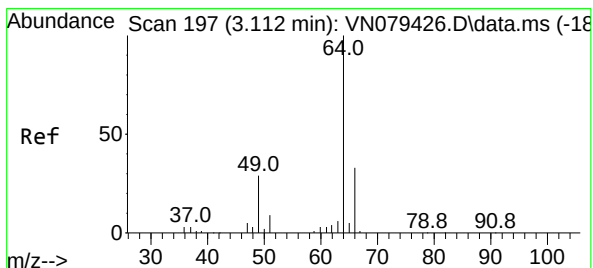
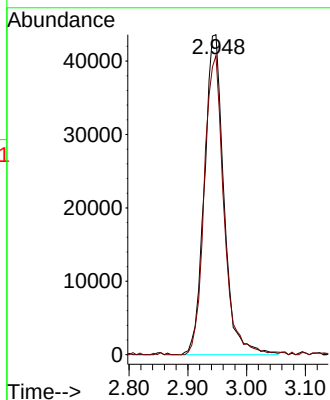
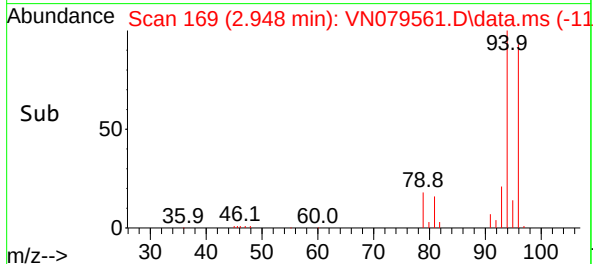
Instrument :
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Tgt Ion: 94 Resp: 100664
Ion Ratio Lower Upper
94 100
96 93.4 73.1 109.7

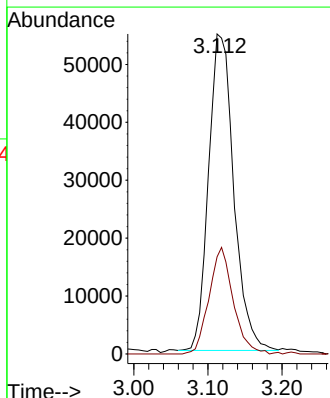
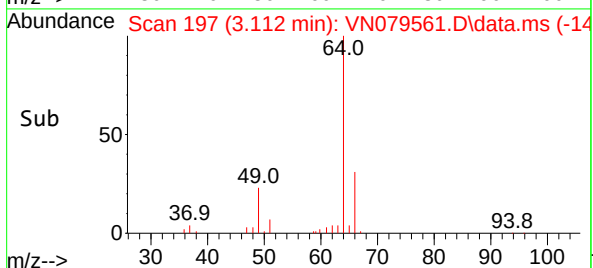
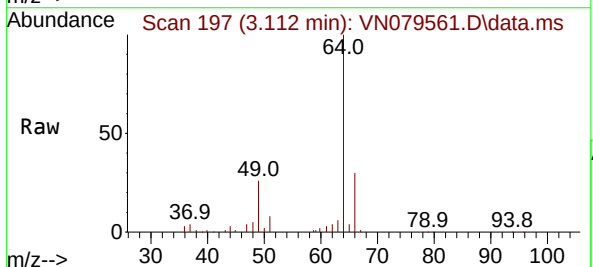
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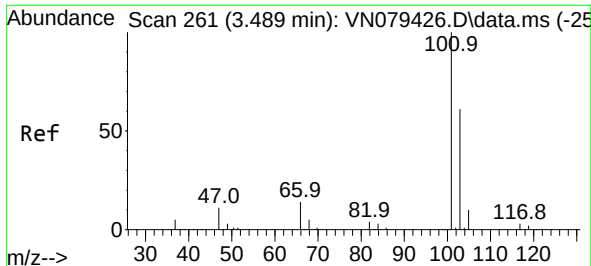
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#6
Chloroethane
Concen: 39.132 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

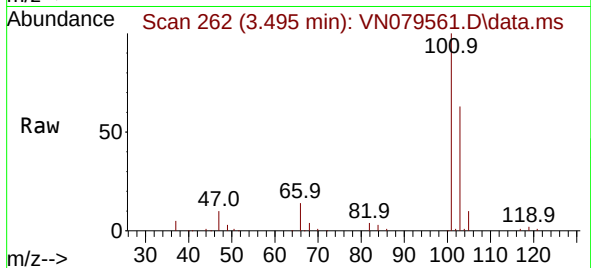
Tgt Ion: 64 Resp: 129054
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 49.171 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079561.D
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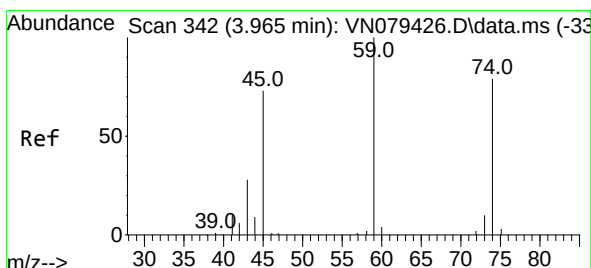
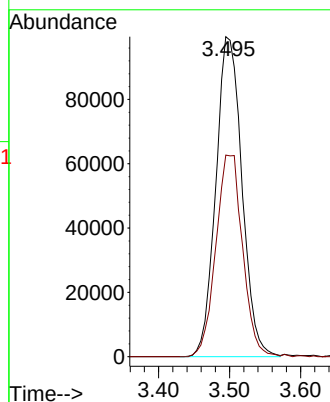
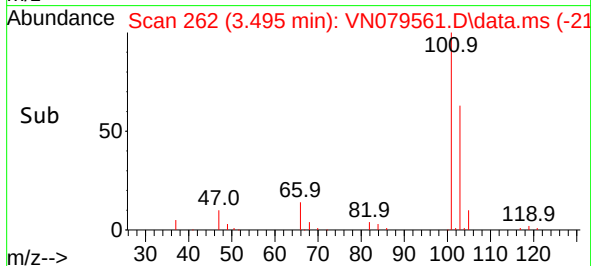
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 253960
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

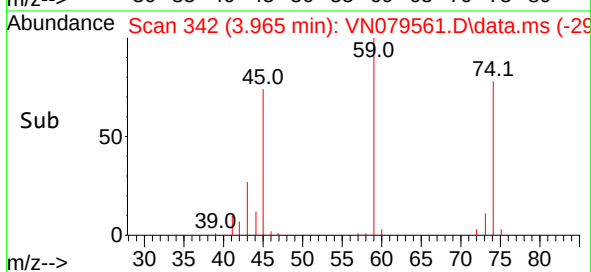
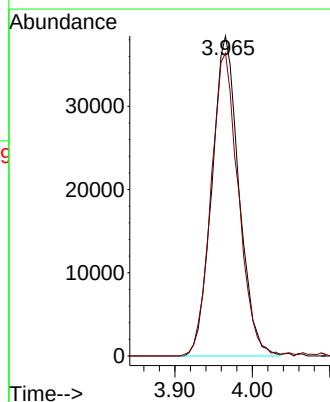
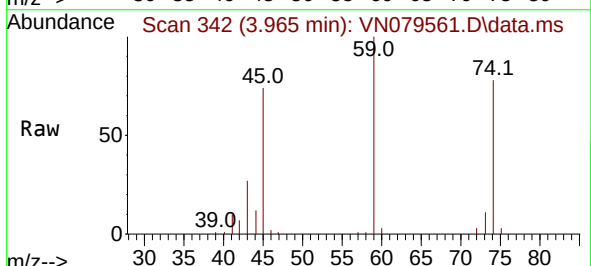
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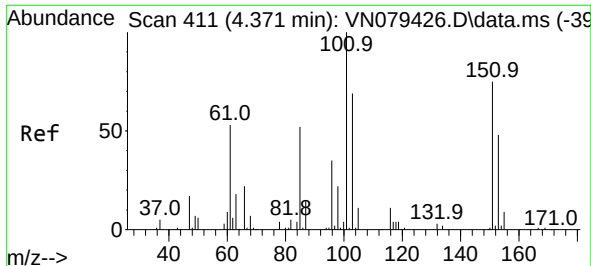
Reviewed By :John Carlone 10/13/2023
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#8
Diethyl Ether
Concen: 50.539 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
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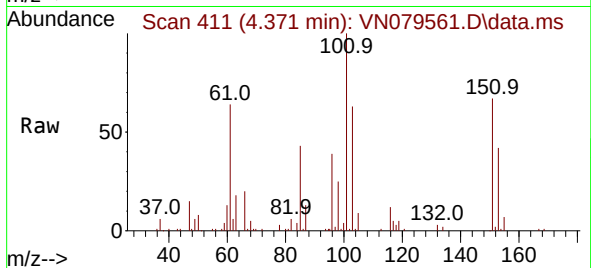
Tgt Ion: 74 Resp: 93056
Ion Ratio Lower Upper
74 100
45 96.1 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.692 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079561.D
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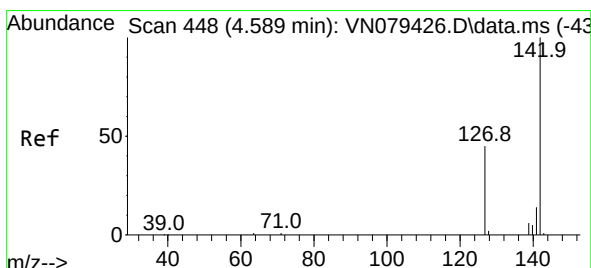
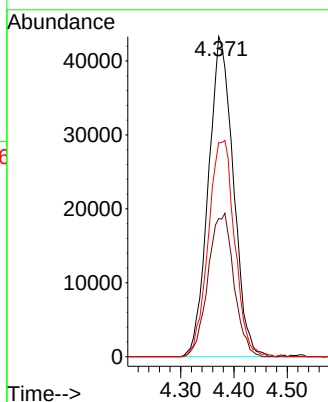
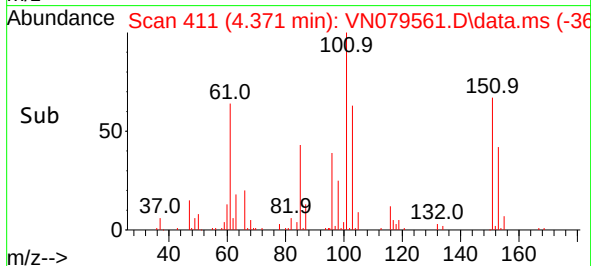
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



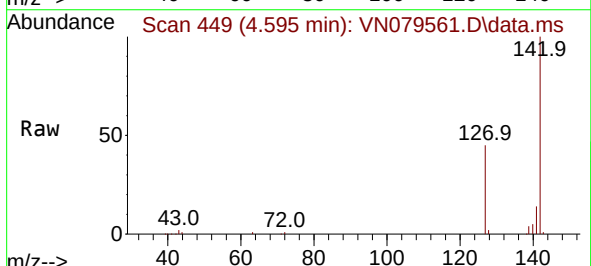
Tgt Ion:101 Resp: 140920
Ion Ratio Lower Upper
101 100
85 46.3 36.6 55.0
151 71.3 57.6 86.4

Manual Integrations
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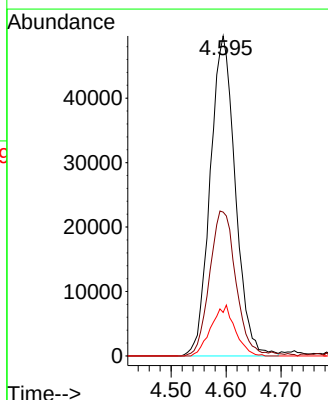
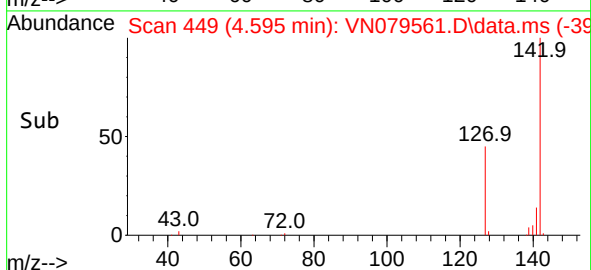
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

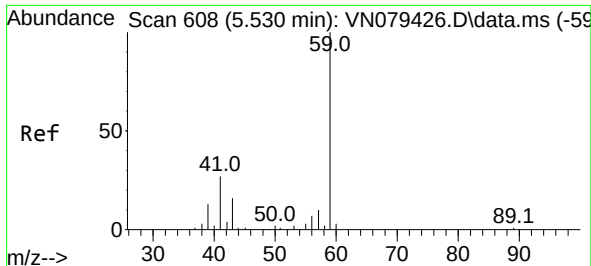


#10
Methyl Iodide
Concen: 60.129 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion:142 Resp: 157482
Ion Ratio Lower Upper
142 100
127 44.9 37.6 56.4
141 13.6 11.4 17.0





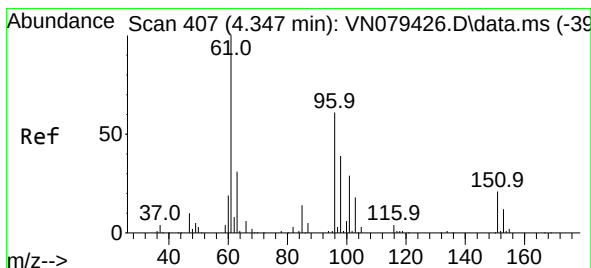
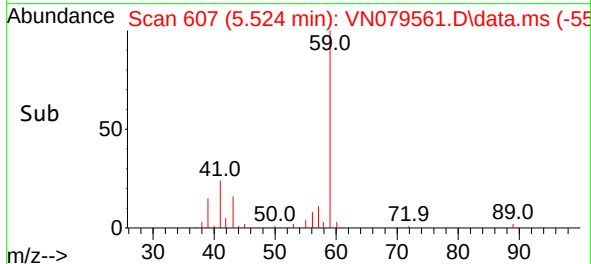
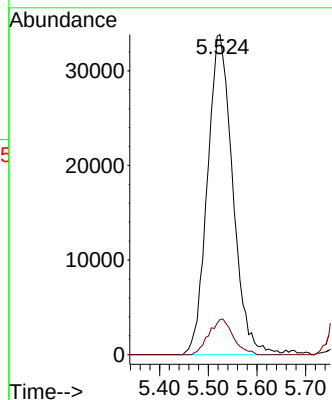
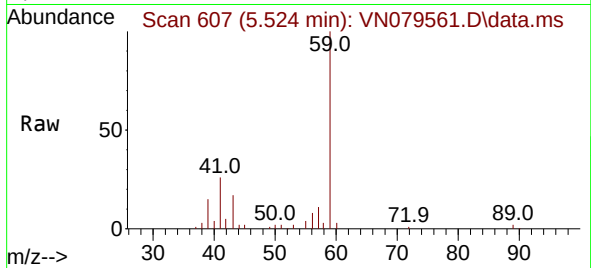
#11
Tert butyl alcohol
Concen: 212.515 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 121983
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

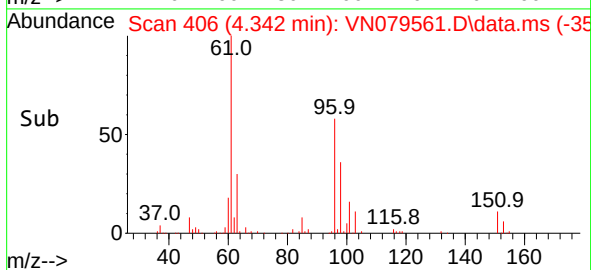
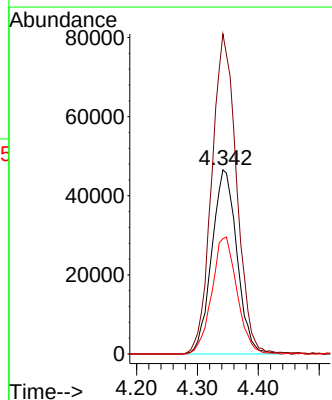
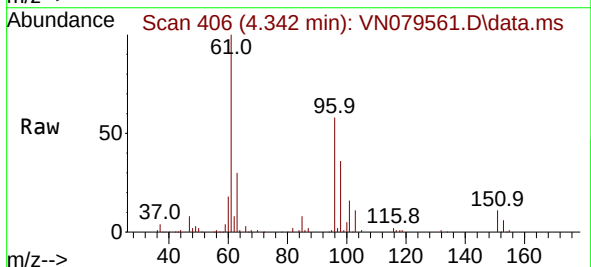
Manual Integrations
APPROVED

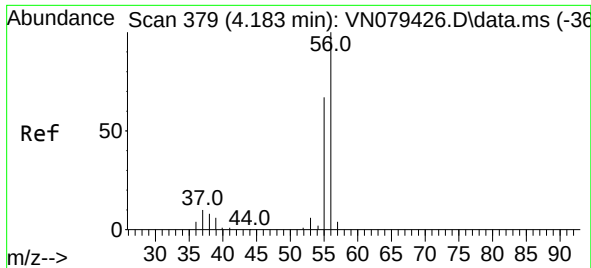
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#12
1,1-Dichloroethene
Concen: 48.157 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

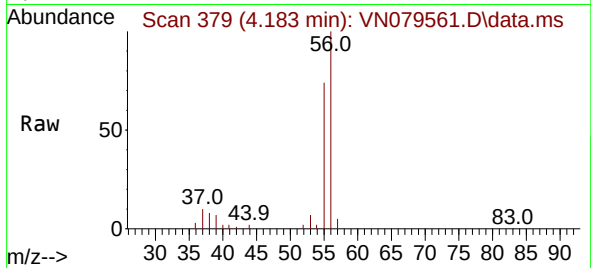
Tgt Ion: 96 Resp: 133830
Ion Ratio Lower Upper
96 100
61 173.7 112.7 169.1#
98 62.5 51.2 76.8





#13
Acrolein
Concen: 263.710 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

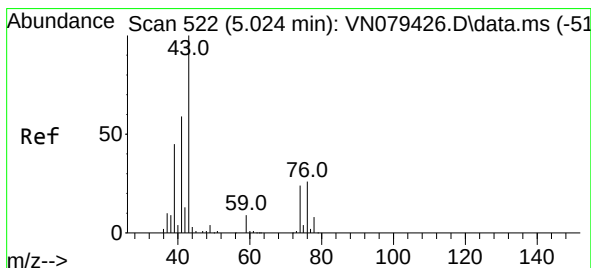
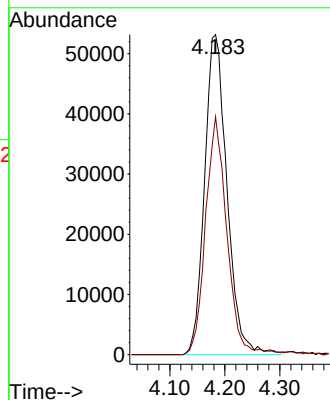
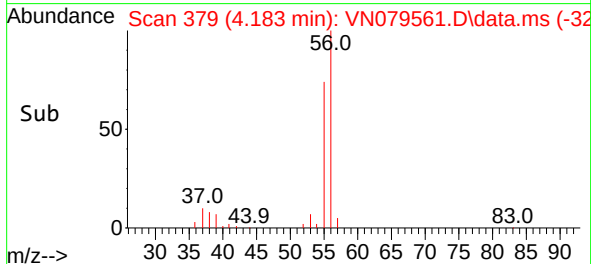
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15072
Ion Ratio Lower Upper
56 100
55 70.1 54.5 81.7

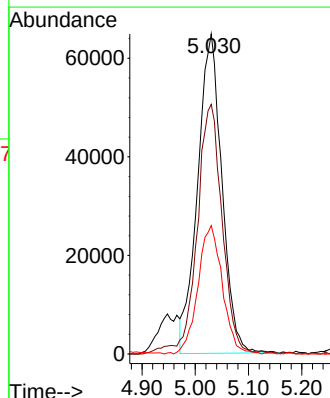
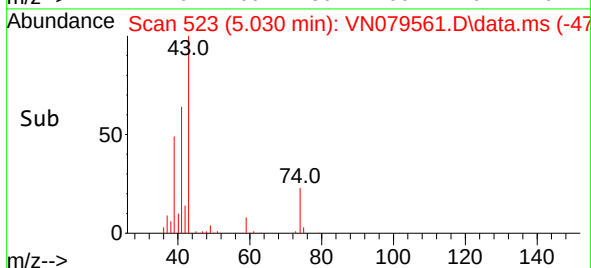
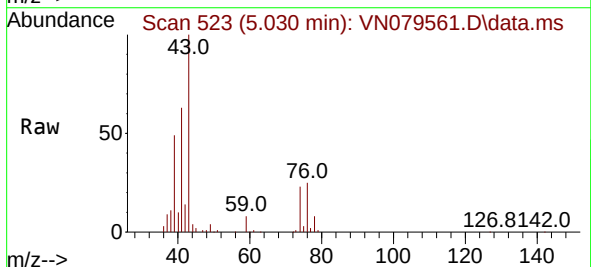
Manual Integrations
APPROVED

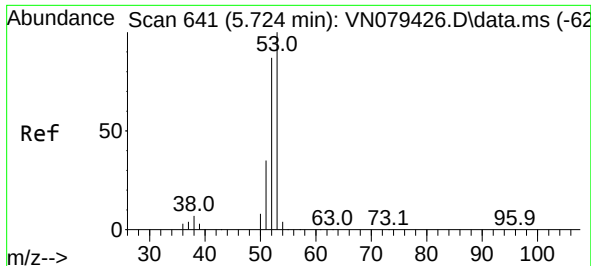
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#14
Allyl chloride
Concen: 45.772 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

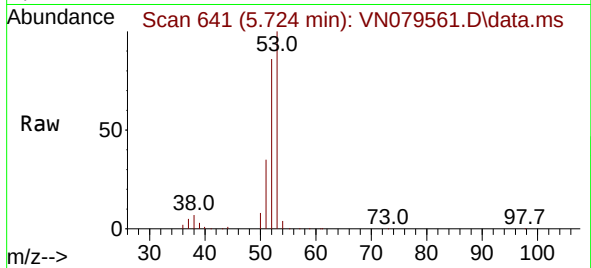
Tgt Ion: 41 Resp: 205271
Ion Ratio Lower Upper
41 100
39 80.6 58.8 88.2
76 40.4 39.1 58.7





#15
Acrylonitrile
Concen: 239.836 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

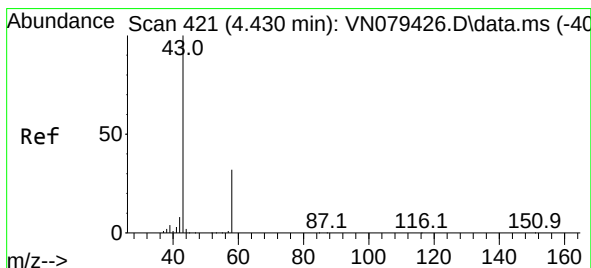
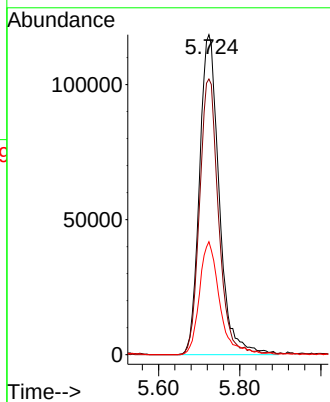
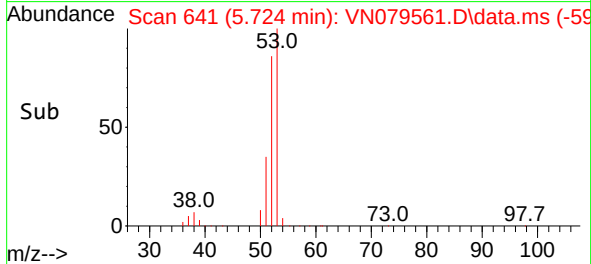
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



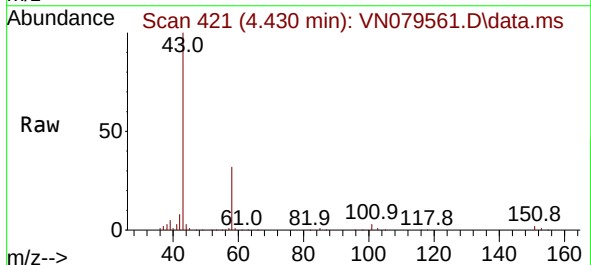
Tgt Ion: 53 Resp: 399115
Ion Ratio Lower Upper
53 100
52 83.2 65.3 97.9
51 36.1 28.9 43.3

Manual Integrations
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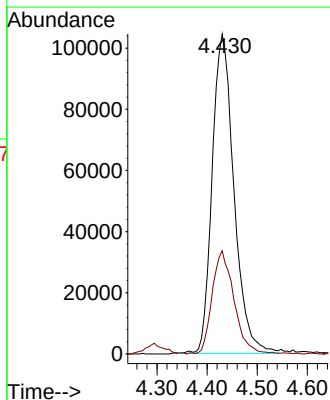
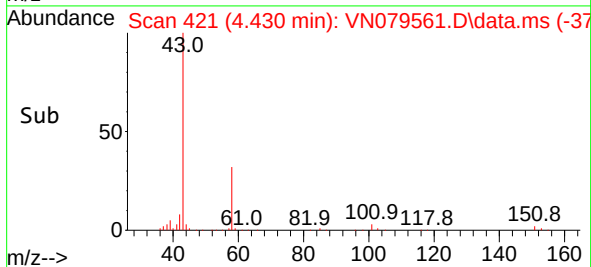
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

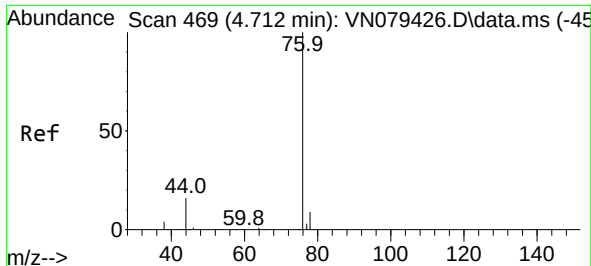


#16
Acetone
Concen: 208.426 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



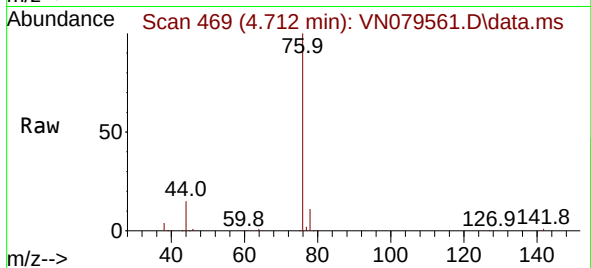
Tgt Ion: 43 Resp: 315278
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0





#17
Carbon Disulfide
Concen: 43.292 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

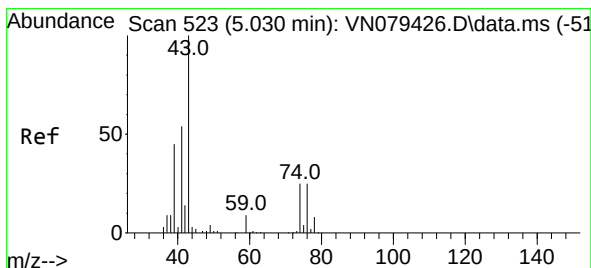
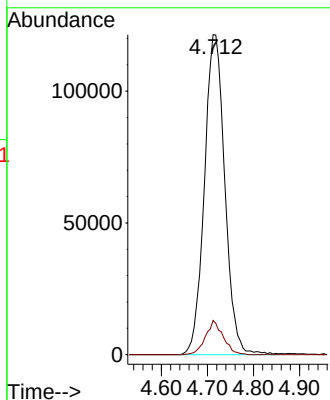
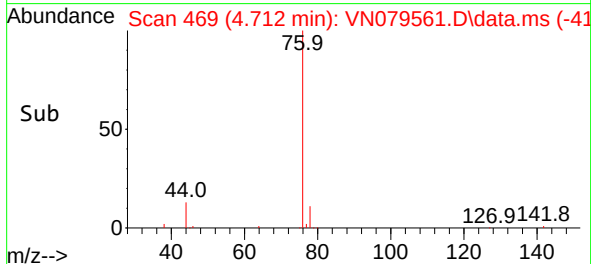
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 375280
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

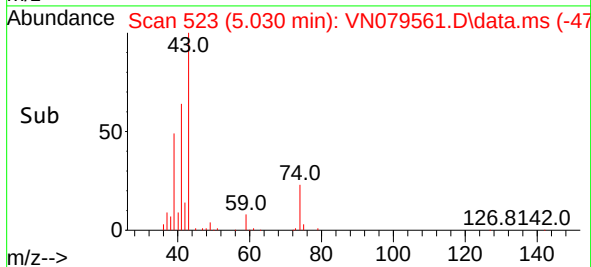
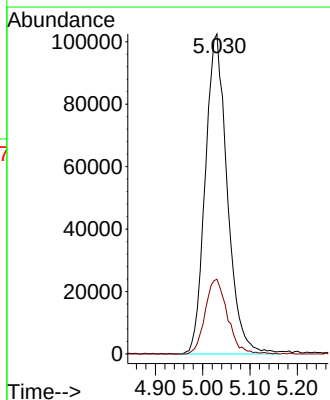
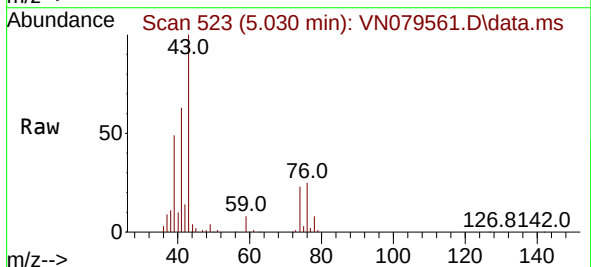
Manual Integrations
APPROVED

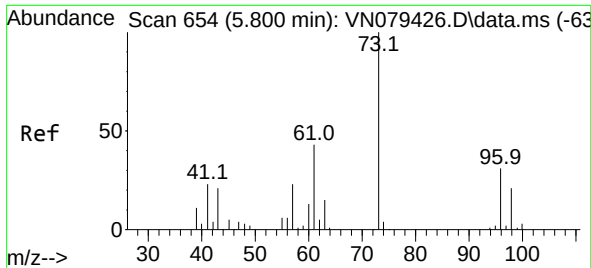
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#18
Methyl Acetate
Concen: 44.722 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

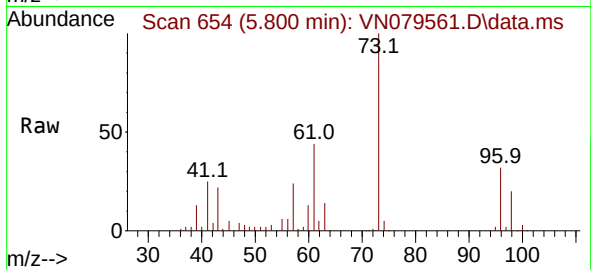
Tgt Ion: 43 Resp: 331108
Ion Ratio Lower Upper
43 100
74 23.5 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 51.717 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

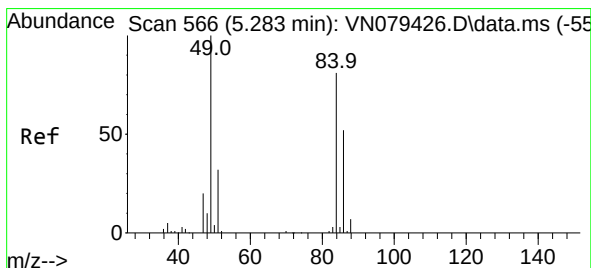
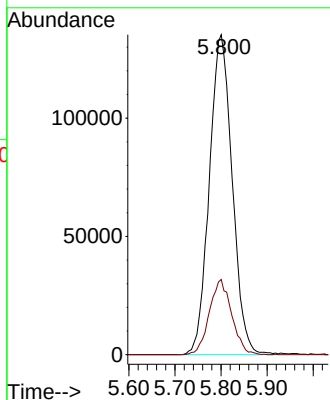
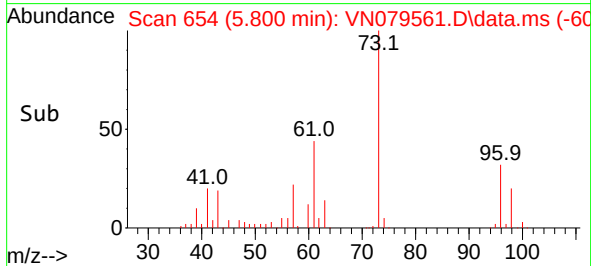
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 46698
Ion Ratio Lower Upper
73 100
57 23.5 15.6 23.4

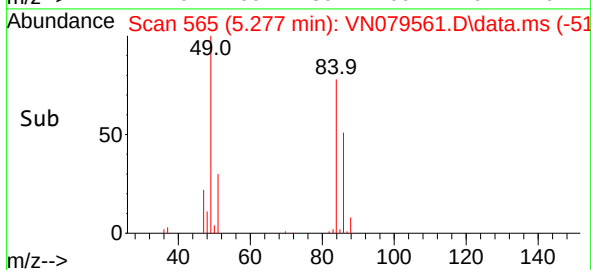
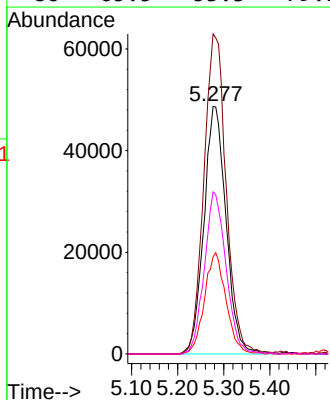
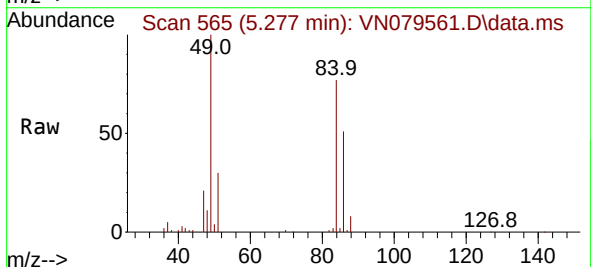
Manual Integrations
APPROVED

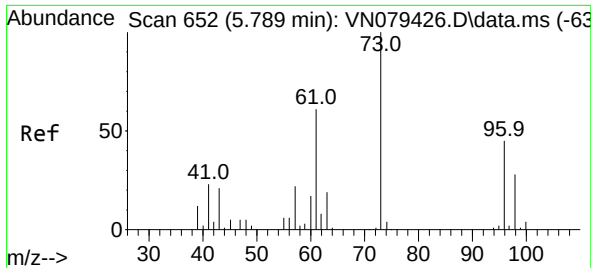
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 49.170 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion: 84 Resp: 162907
Ion Ratio Lower Upper
84 100
49 129.3 79.7 119.5#
51 39.2 25.2 37.8#
86 65.5 53.3 79.9





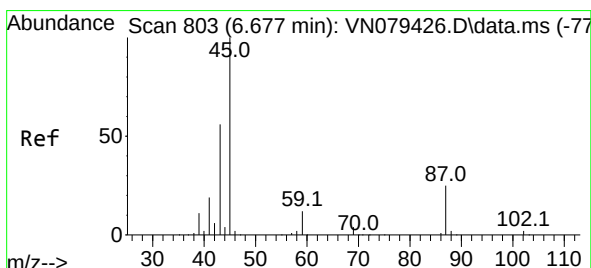
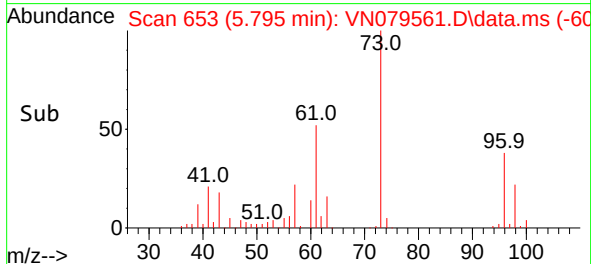
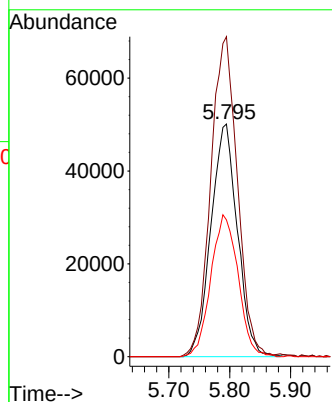
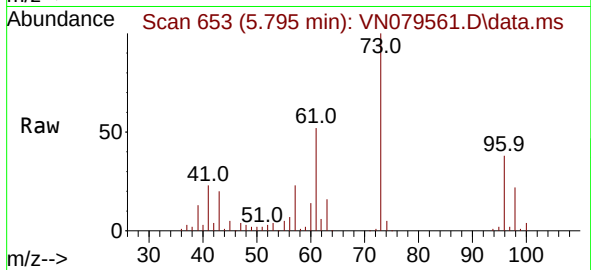
#21
trans-1,2-Dichloroethene
Concen: 46.688 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 151539
Ion Ratio Lower Upper
96 100
61 137.6 90.1 135.1
98 58.8 46.4 69.6

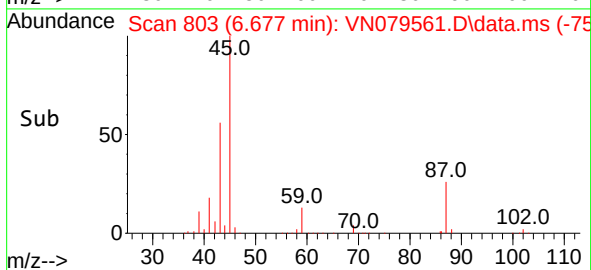
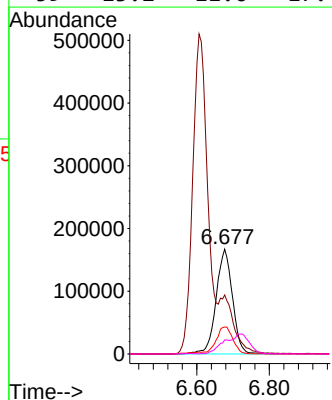
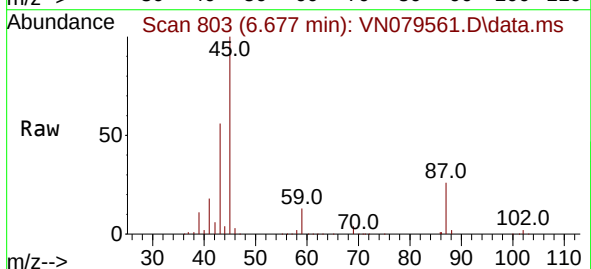
Manual Integrations
APPROVED

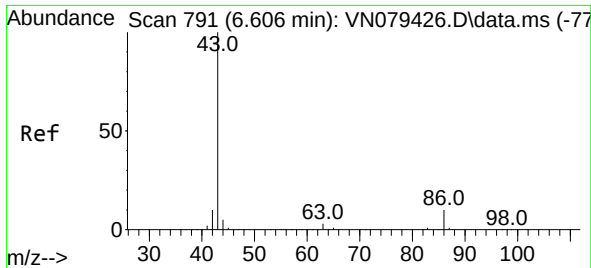
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#22
Diisopropyl ether
Concen: 51.998 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion: 45 Resp: 522904
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 25.7 31.8 47.8
59 13.2 11.6 17.4





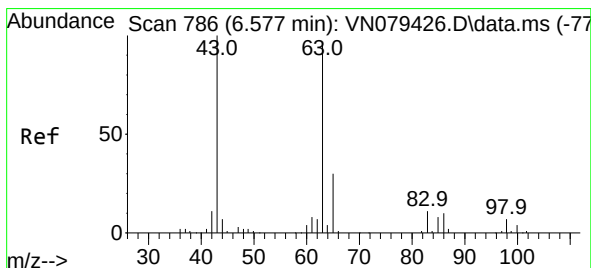
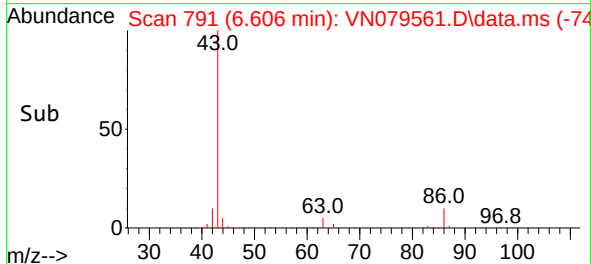
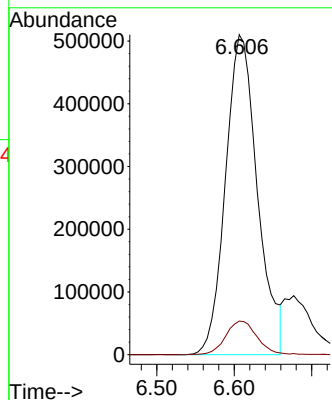
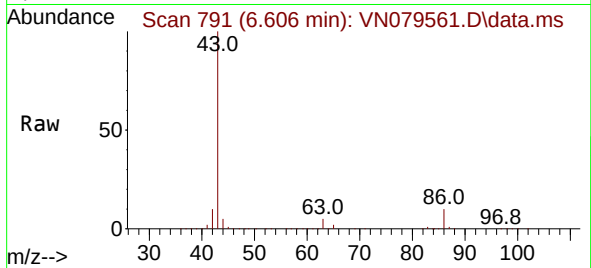
#23
 Vinyl Acetate
 Concen: 259.011 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 146513
 Ion Ratio Lower Upper
 43 100
 86 10.5 13.0 19.6

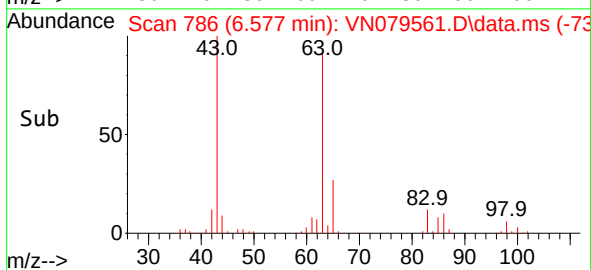
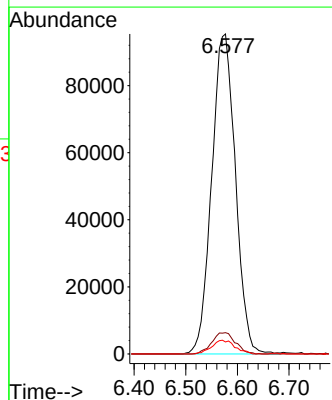
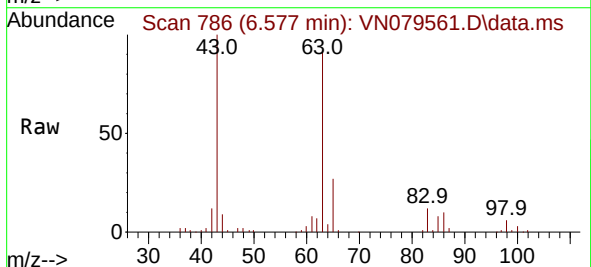
Manual Integrations
 APPROVED

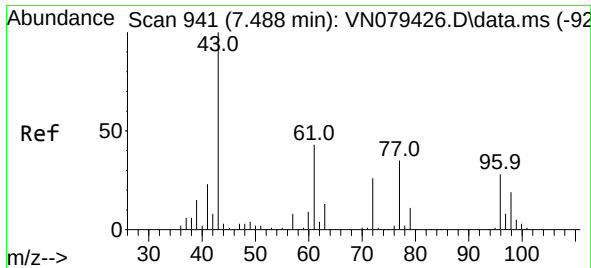
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 49.432 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

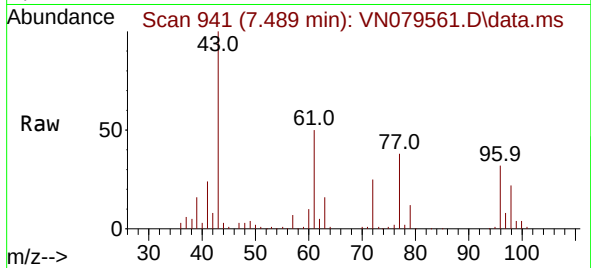
Tgt Ion: 63 Resp: 304230
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 3.8 2.5 7.4





#25
2-Butanone
Concen: 231.813 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

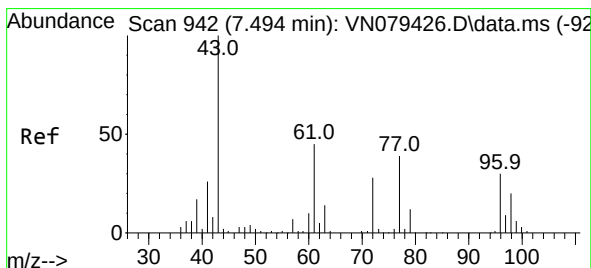
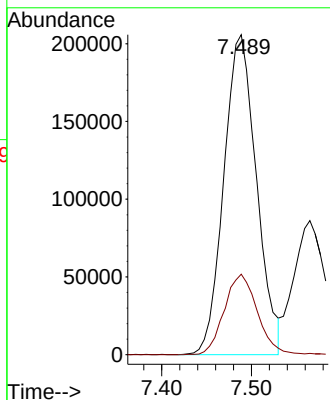
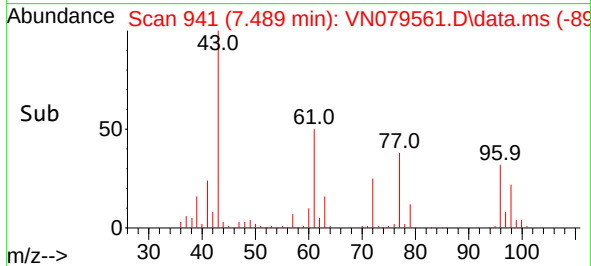
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



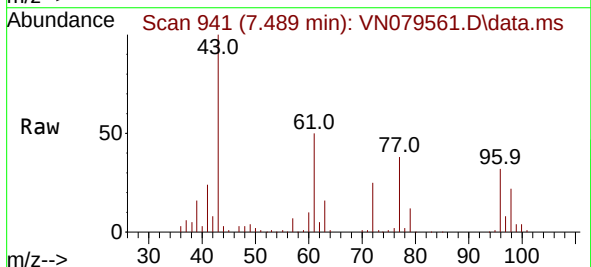
Tgt Ion: 43 Resp: 520440
Ion Ratio Lower Upper
43 100
72 25.2 30.2 45.2

Manual Integrations
APPROVED

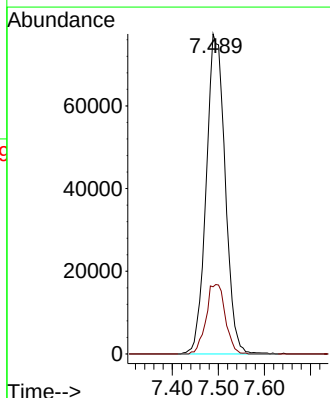
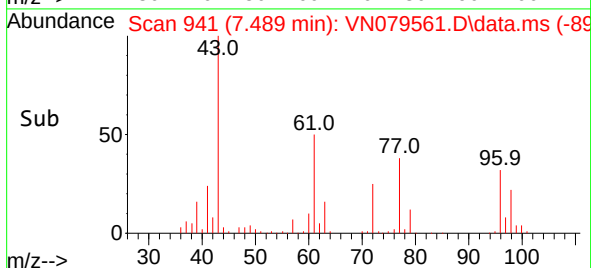
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

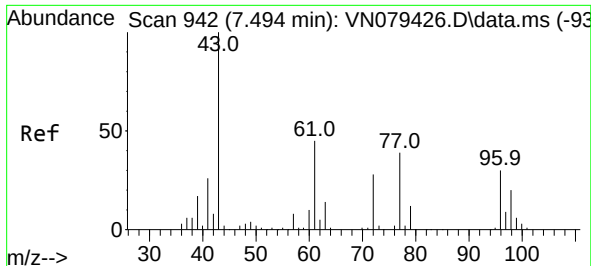


#26
2,2-Dichloropropane
Concen: 46.973 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



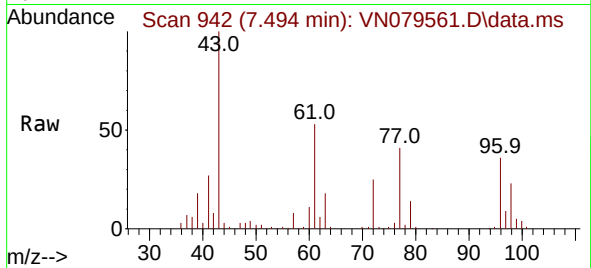
Tgt Ion: 77 Resp: 220935
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.437 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

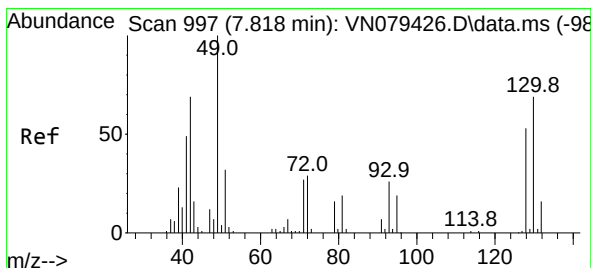
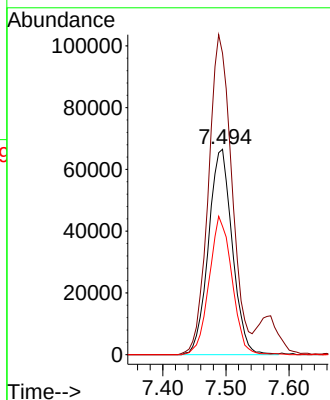
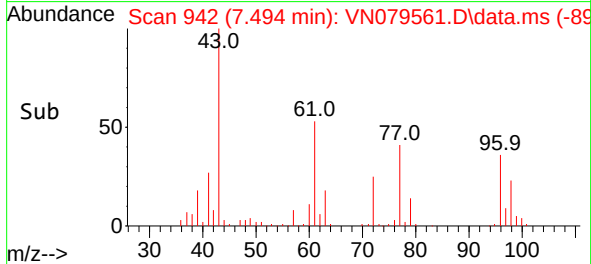
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 17432
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 255.2
 98 64.4 0.0 128.8

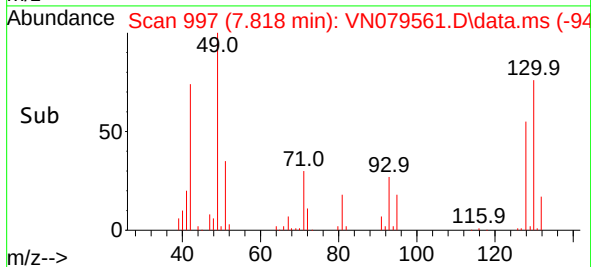
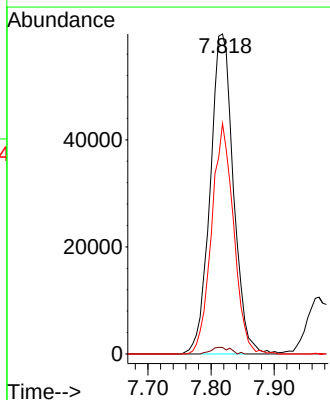
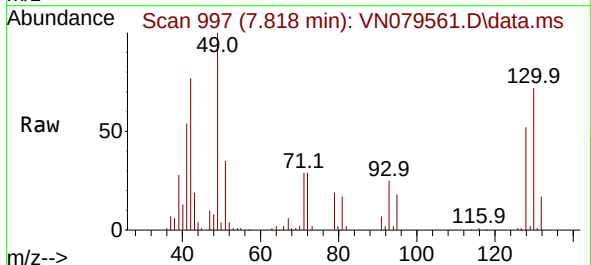
Manual Integrations
 APPROVED

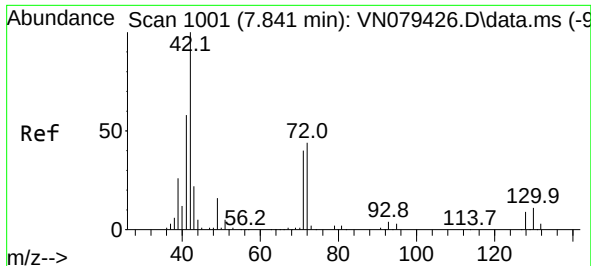
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#28
 Bromochloromethane
 Concen: 52.224 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

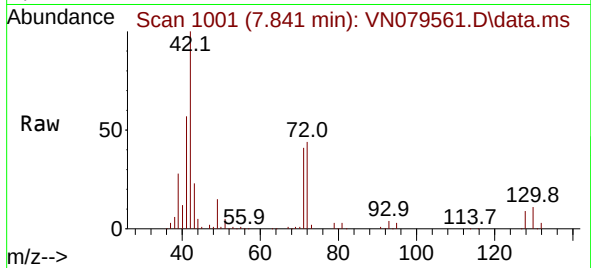
Tgt Ion: 49 Resp: 152927
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.1 75.3 112.9#





#29
Tetrahydrofuran
Concen: 241.467 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

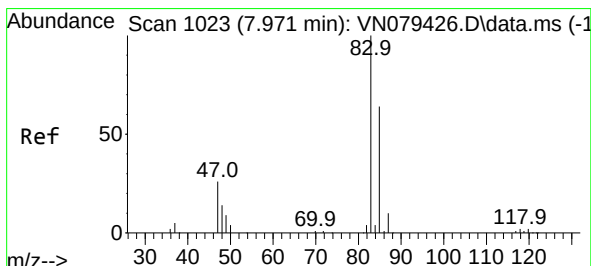
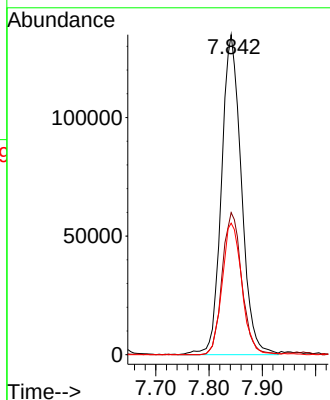
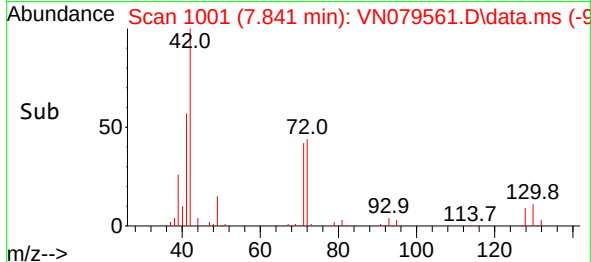
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 350614
Ion Ratio Lower Upper
42 100
72 43.7 49.8 74.6
71 41.0 47.4 71.2

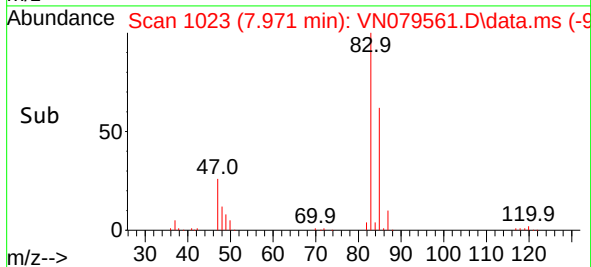
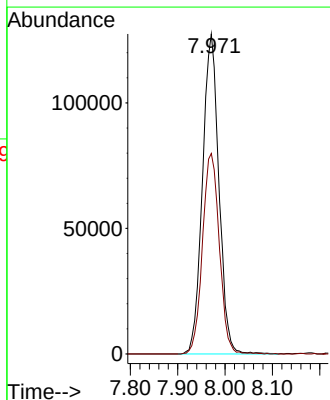
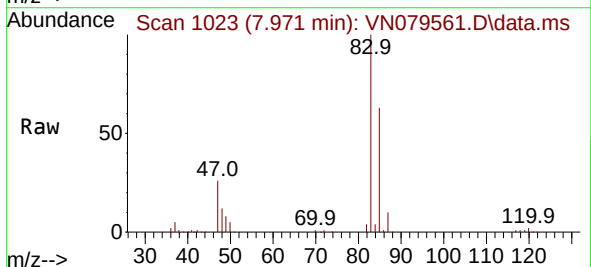
Manual Integrations
APPROVED

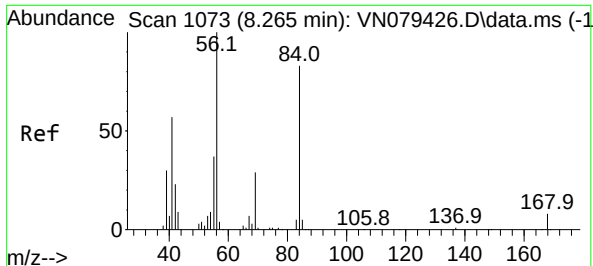
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#30
Chloroform
Concen: 49.396 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

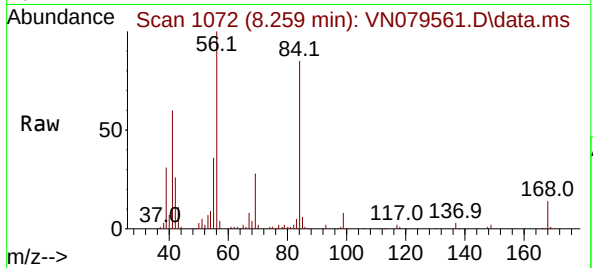
Tgt Ion: 83 Resp: 307163
Ion Ratio Lower Upper
83 100
85 62.6 55.4 83.0





#31
Cyclohexane
Concen: 45.394 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

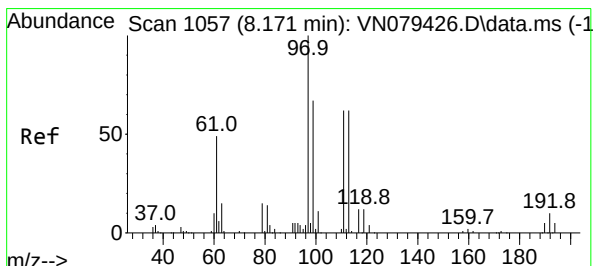
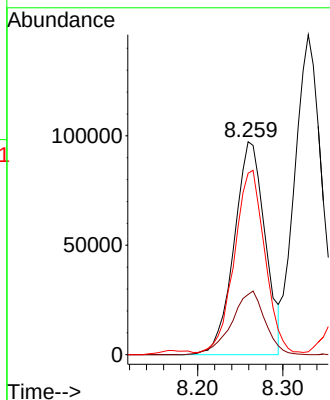
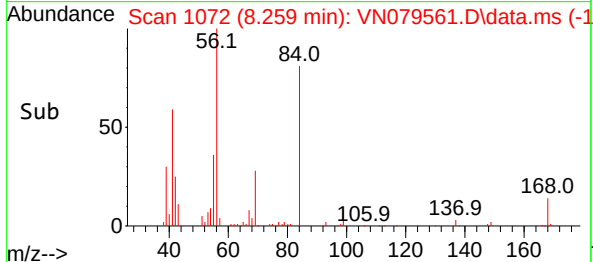
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



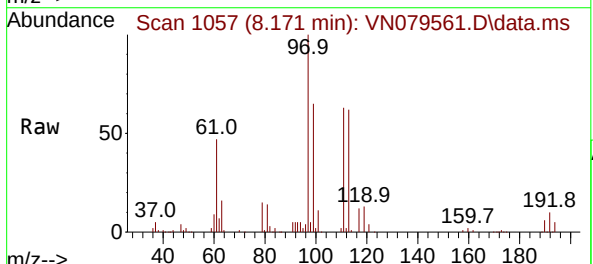
Tgt Ion: 56 Resp: 245569
Ion Ratio Lower Upper
56 100
69 28.3 26.8 40.2
84 83.5 81.8 122.6

Manual Integrations
APPROVED

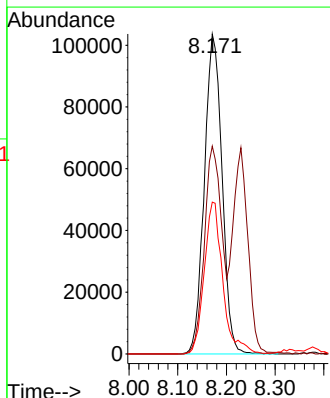
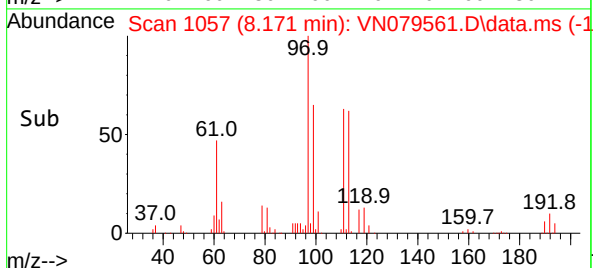
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

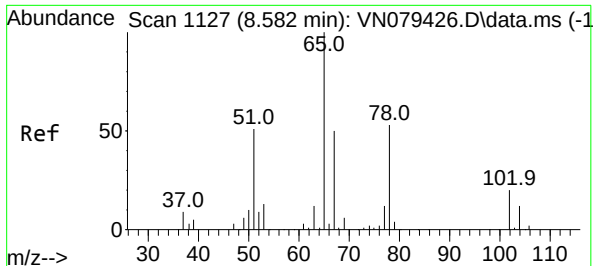


#32
1,1,1-Trichloroethane
Concen: 49.946 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion: 97 Resp: 261375
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 49.8 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 50.296 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 19181

Ion Ratio Lower Upper

65 100

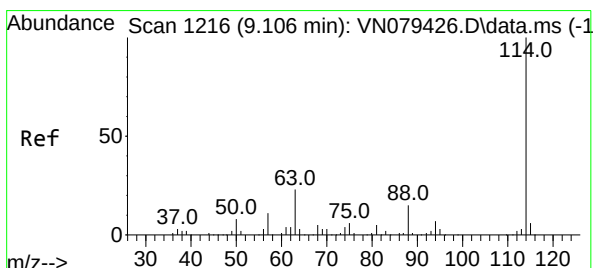
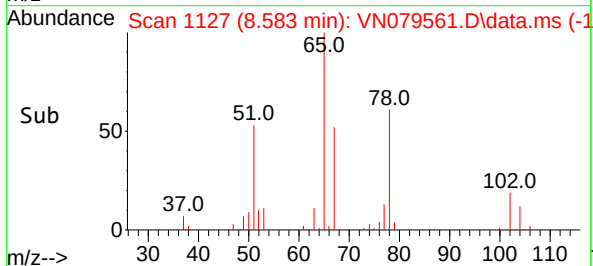
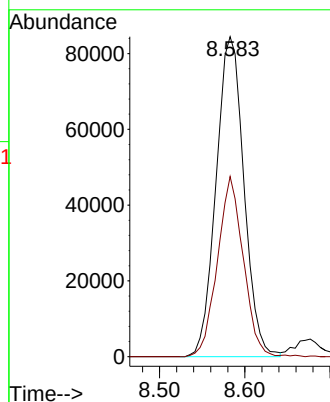
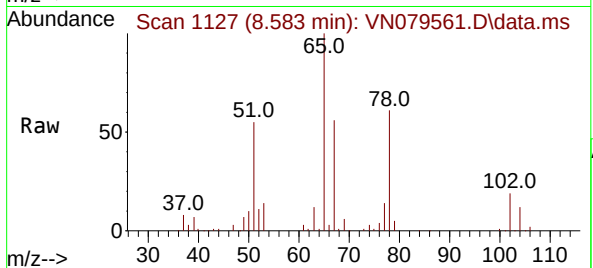
67 52.2 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

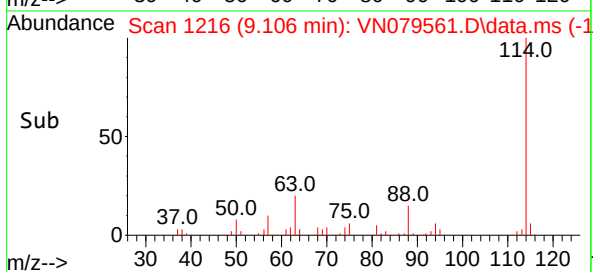
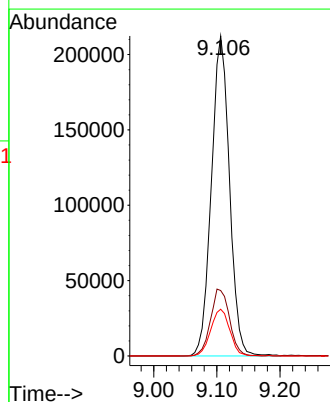
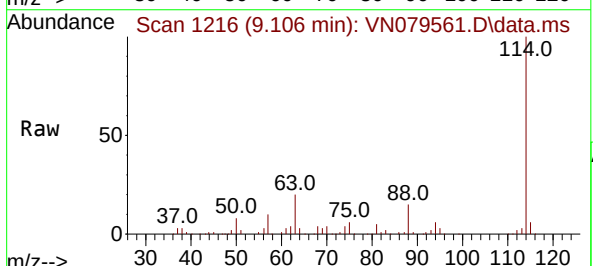
Tgt Ion:114 Resp: 422639

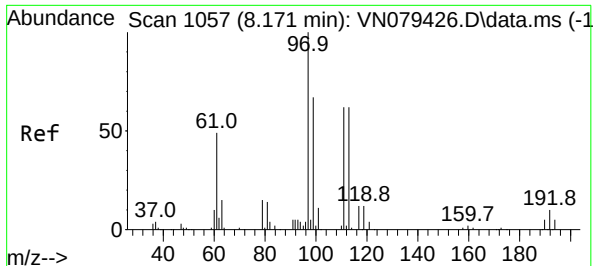
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 14.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.558 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079561.D

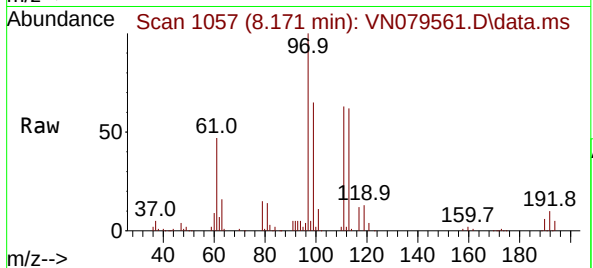
Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



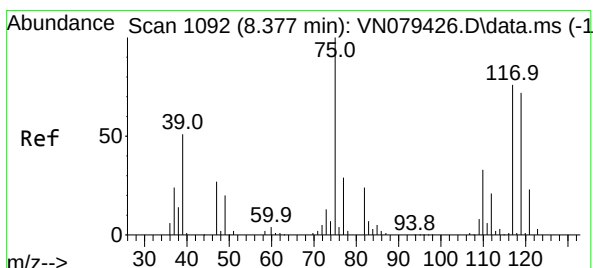
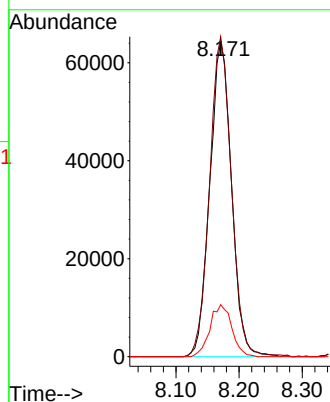
Tgt Ion:	113	Resp:	15355
Ion Ratio	Lower	Upper	
113	100		
111	101.9	82.6	123.8
192	16.6	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#36

1,1-Dichloropropene

Concen: 49.522 ug/l

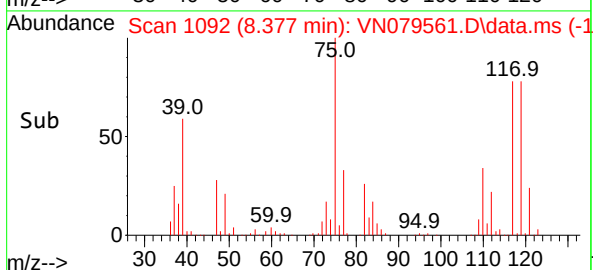
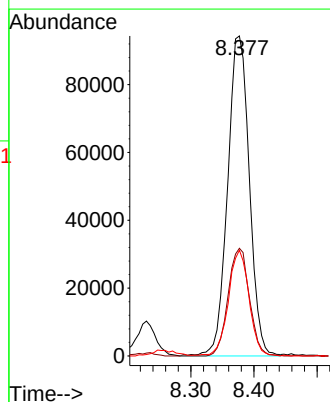
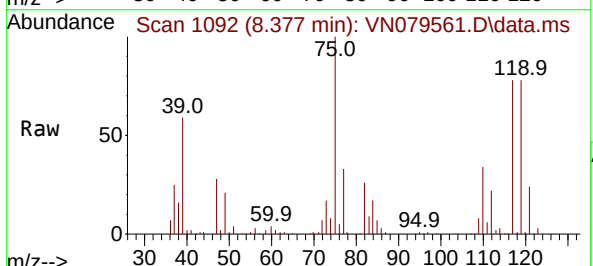
RT: 8.377 min Scan# 1092

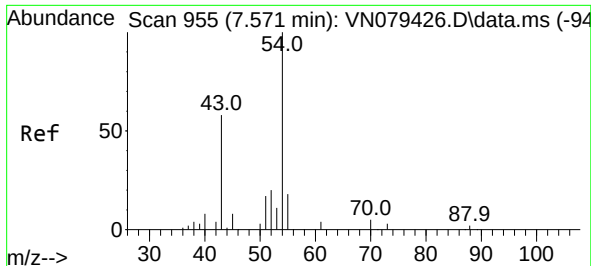
Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Tgt Ion:	75	Resp:	225745
Ion Ratio	Lower	Upper	
75	100		
110	32.9	19.1	57.3
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 48.819 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 221438

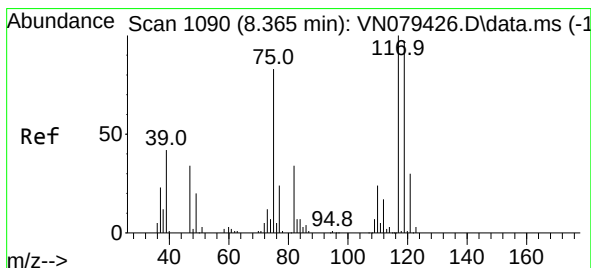
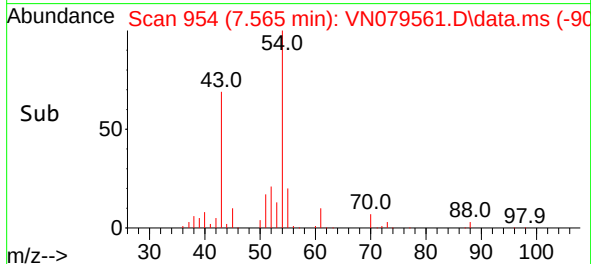
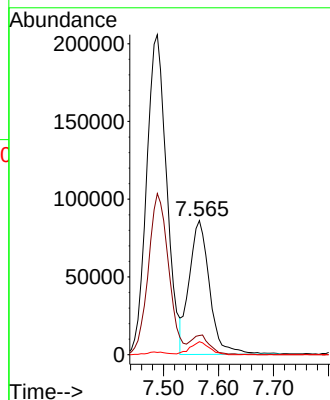
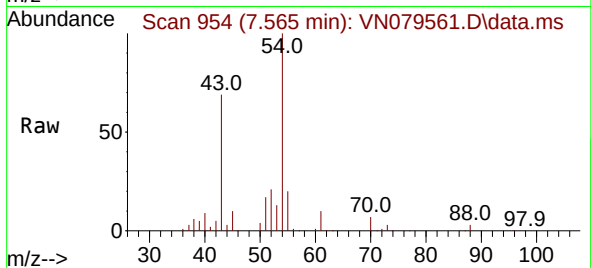
Ion	Ratio	Lower	Upper
43	100		
61	12.9	13.2	19.8
70	9.0	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#38

Carbon Tetrachloride

Concen: 49.133 ug/l

RT: 8.365 min Scan# 1090

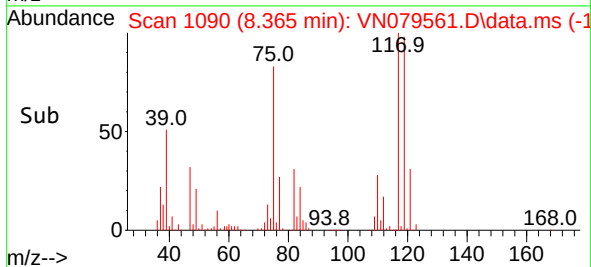
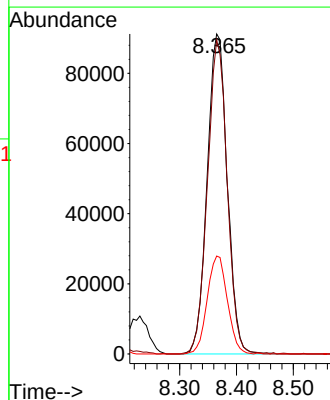
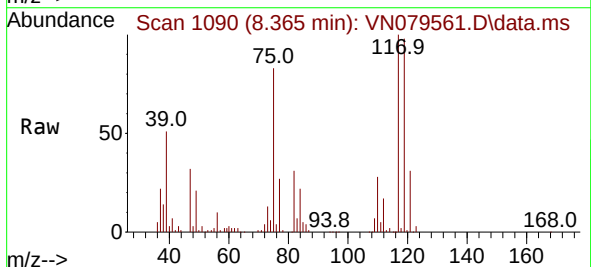
Delta R.T. 0.000 min

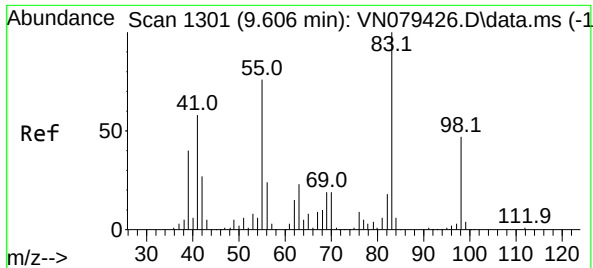
Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Tgt Ion:117 Resp: 224216

Ion	Ratio	Lower	Upper
117	100		
119	98.1	77.3	115.9
121	30.6	23.3	34.9





#39

Methylcyclohexane

Concen: 48.653 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 213079

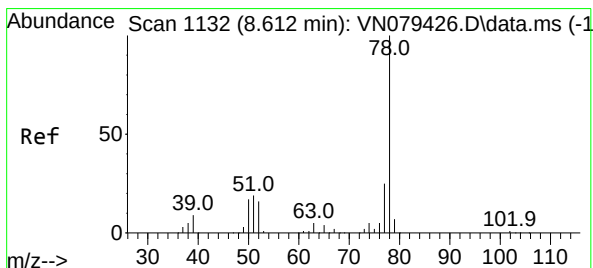
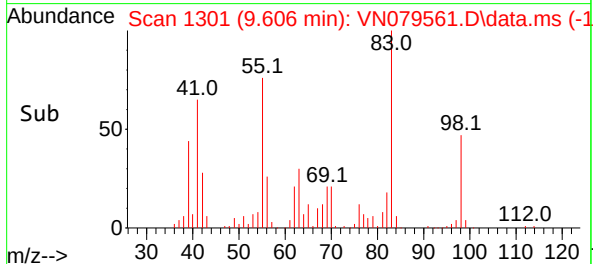
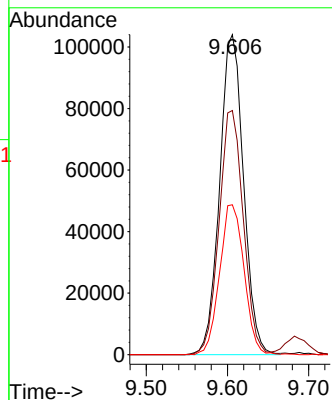
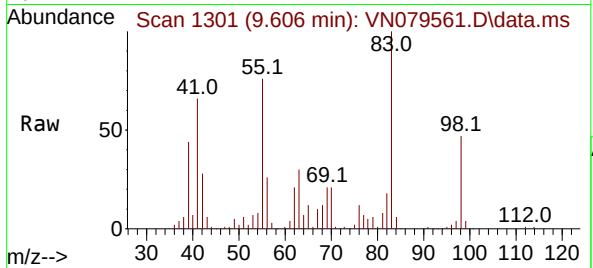
Ion	Ratio	Lower	Upper
83	100		
55	76.3	49.1	73.7
98	46.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#40

Benzene

Concen: 50.534 ug/l

RT: 8.612 min Scan# 1132

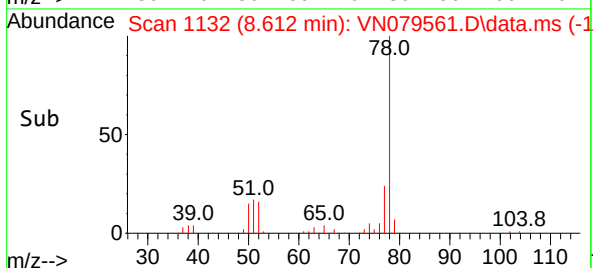
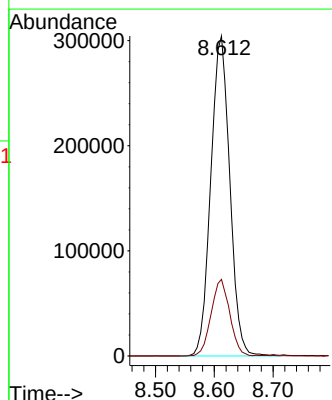
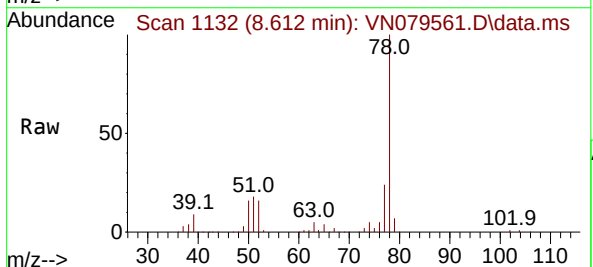
Delta R.T. 0.000 min

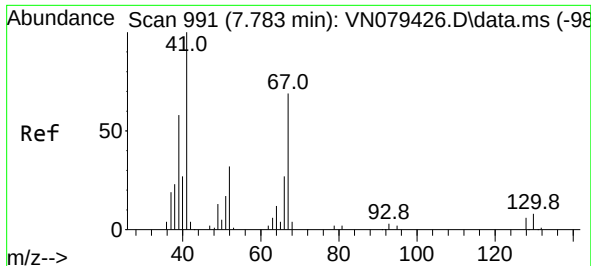
Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Tgt Ion: 78 Resp: 684123

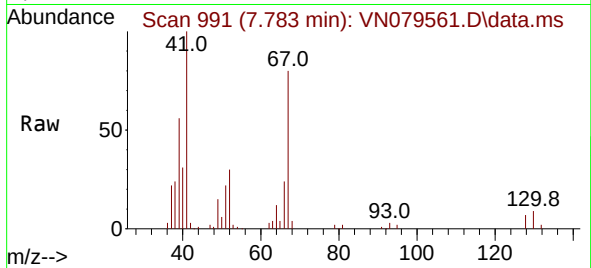
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





#41
Methacrylonitrile
Concen: 47.072 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

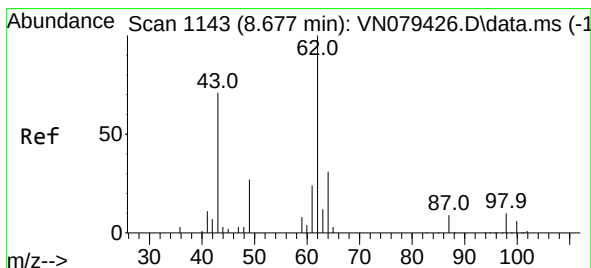
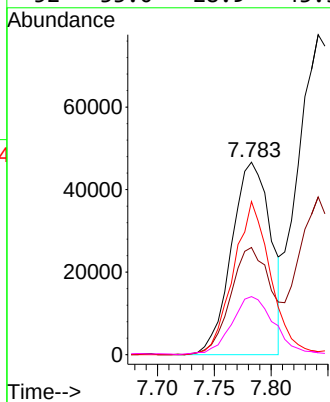
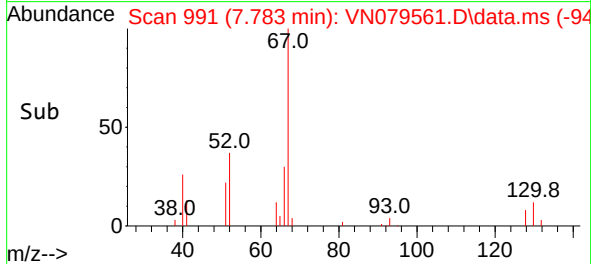
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 112248
Ion Ratio Lower Upper
41 100
39 60.1 42.6 64.0
67 76.3 77.5 116.3
52 33.0 28.9 43.3

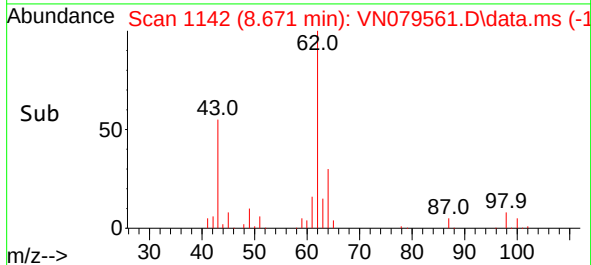
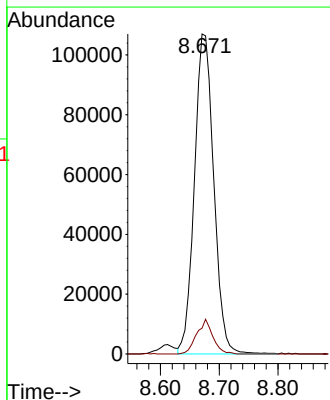
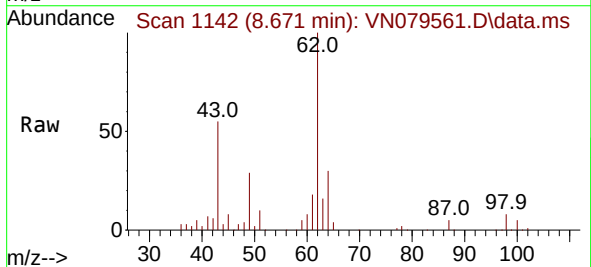
Manual Integrations
APPROVED

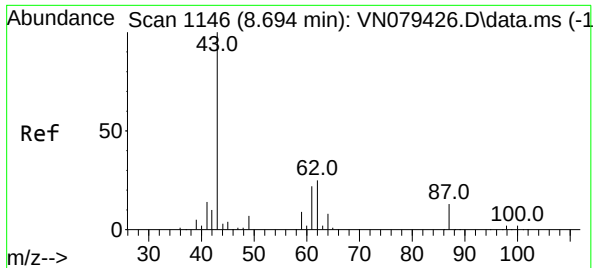
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 49.713 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion: 62 Resp: 244548
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





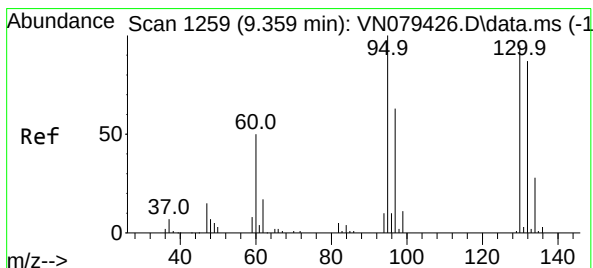
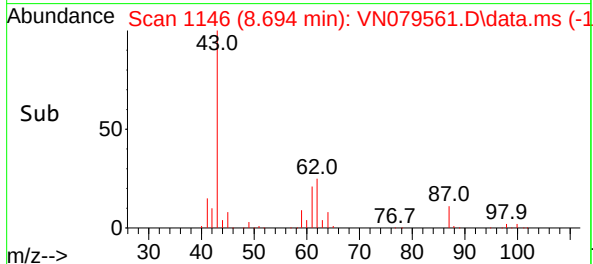
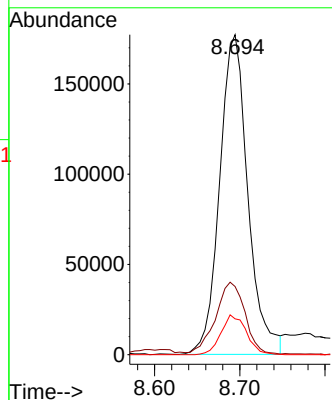
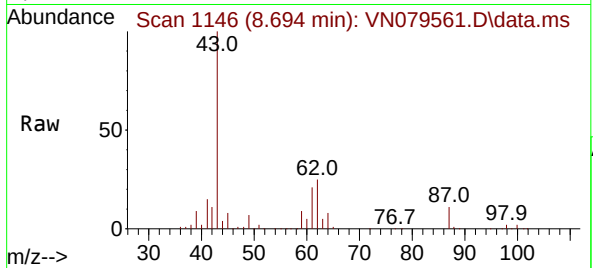
#43
Isopropyl Acetate
Concen: 51.337 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 407958
Ion Ratio Lower Upper
43 100
61 23.3 24.7 37.1
87 11.2 14.6 21.8

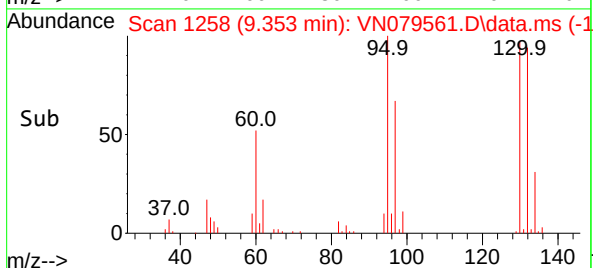
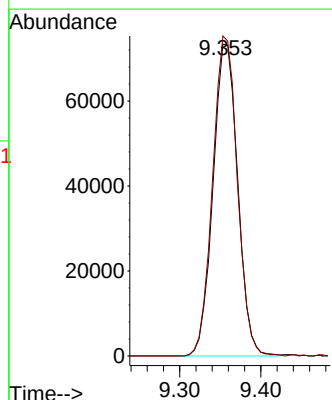
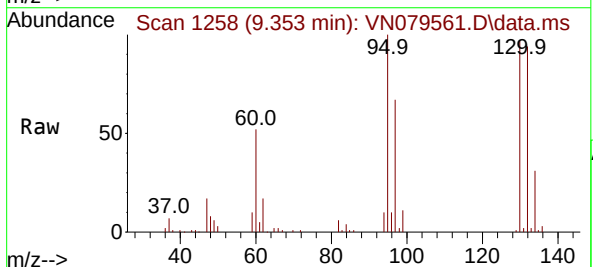
Manual Integrations
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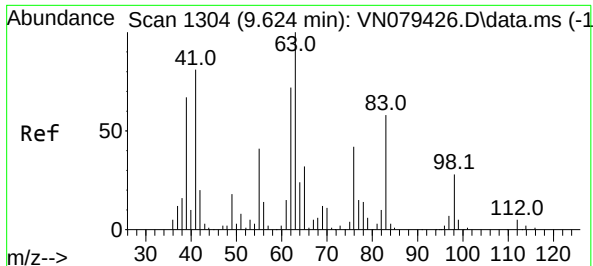
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#44
Trichloroethene
Concen: 48.735 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion:130 Resp: 155287
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 50.304 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 179429

Ion Ratio Lower Upper

63 100

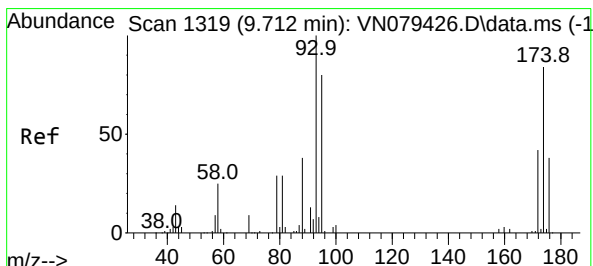
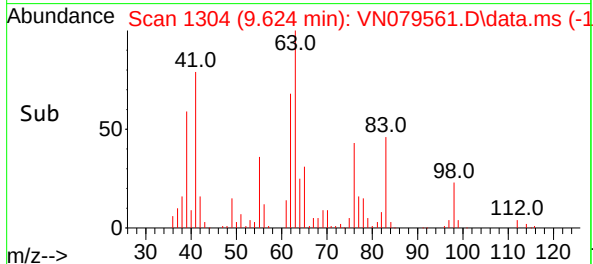
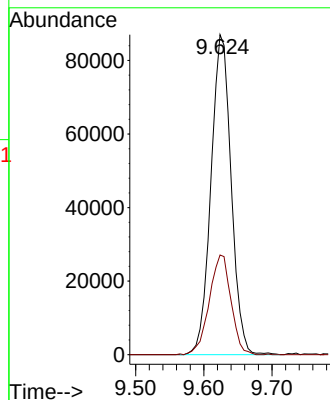
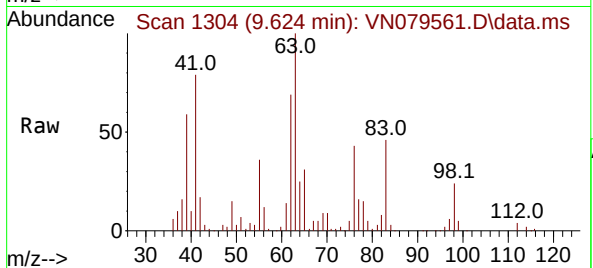
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#46

Dibromomethane

Concen: 50.570 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

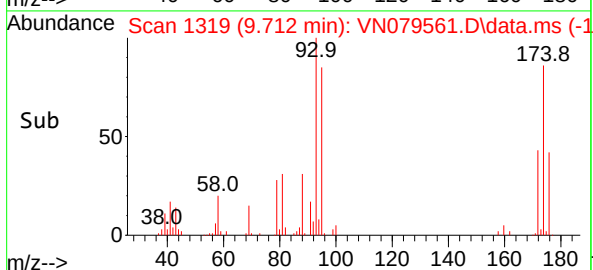
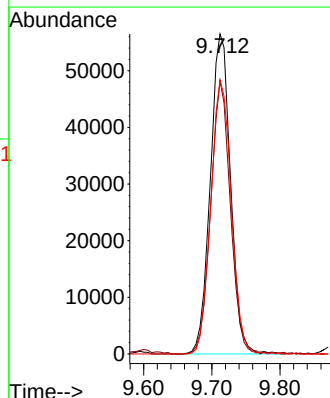
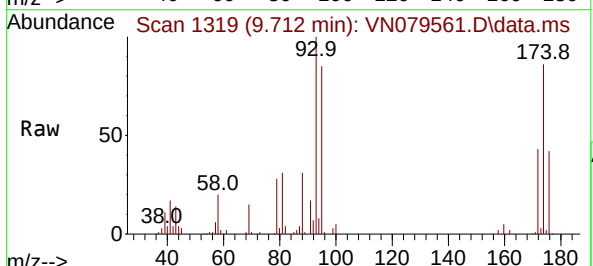
Tgt Ion: 93 Resp: 116824

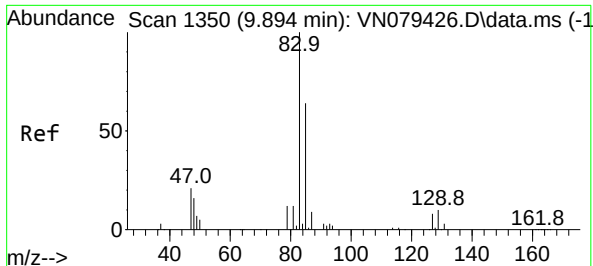
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

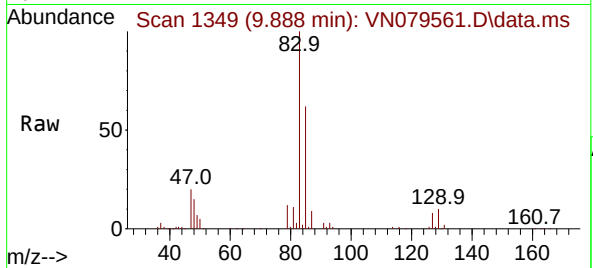
174 86.4 65.6 98.4





#47
Bromodichloromethane
Concen: 51.411 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

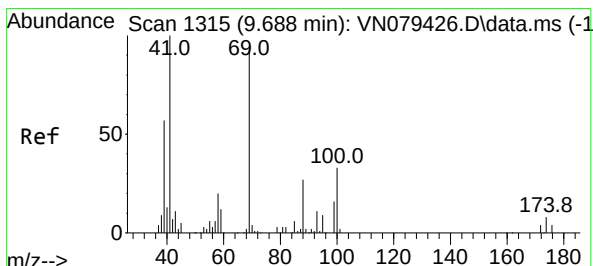
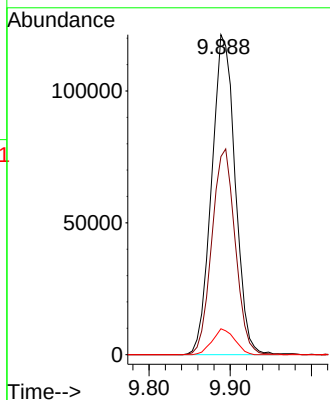
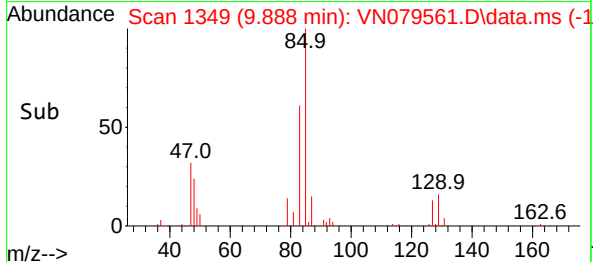
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 244309
Ion Ratio Lower Upper
83 100
85 61.9 49.6 74.4
127 8.1 7.0 10.6

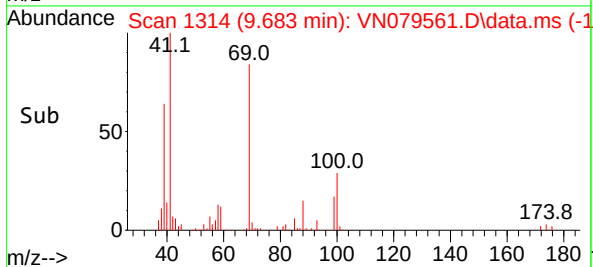
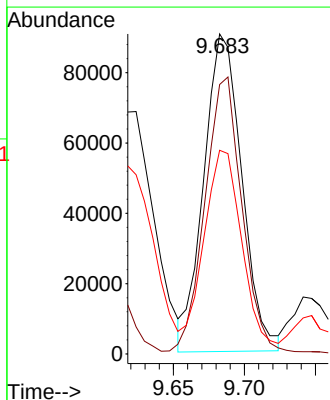
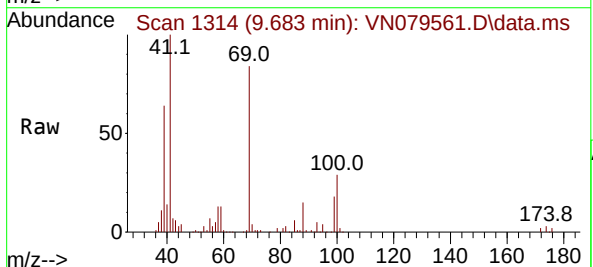
Manual Integrations
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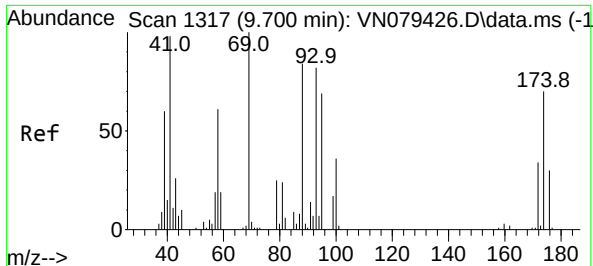
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#48
Methyl methacrylate
Concen: 49.528 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion: 41 Resp: 168655
Ion Ratio Lower Upper
41 100
69 86.1 90.4 135.6#
39 64.7 54.6 81.8





#49

1,4-Dioxane

Concen: 973.926 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 61088

Ion Ratio Lower Upper

88 100

43 25.5 17.0 25.6

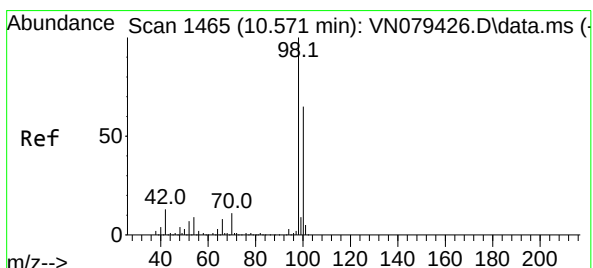
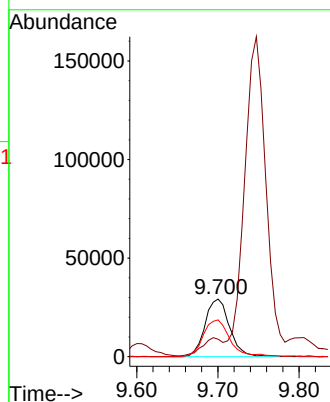
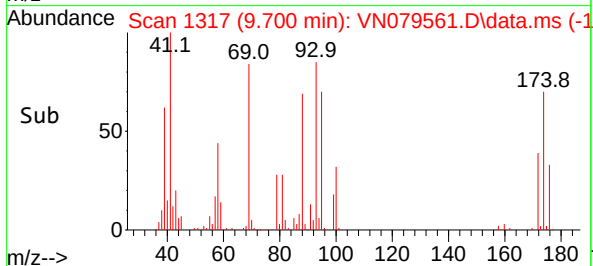
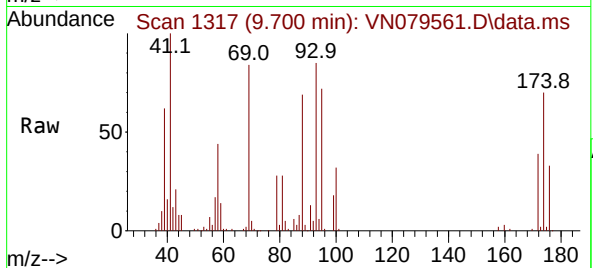
58 70.3 47.0 70.4

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#50

Toluene-d8

Concen: 52.715 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079561.D

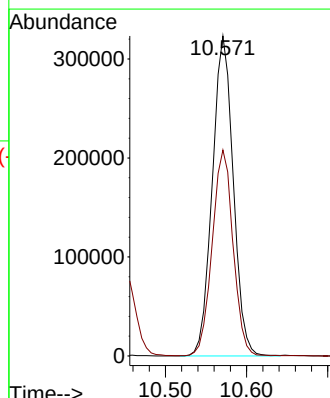
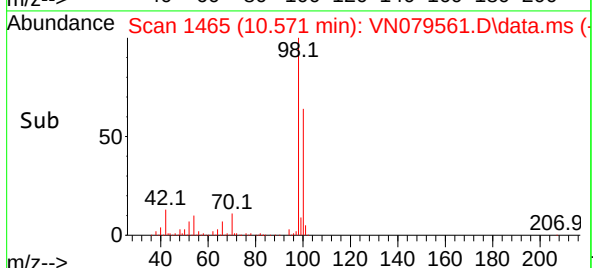
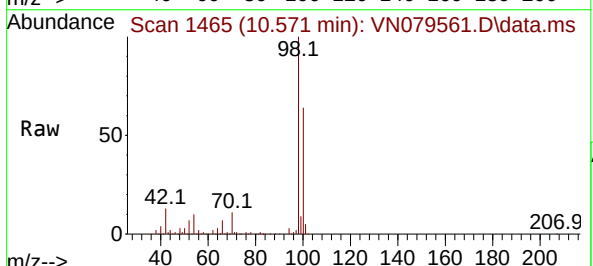
Acq: 12 Oct 2023 21:35

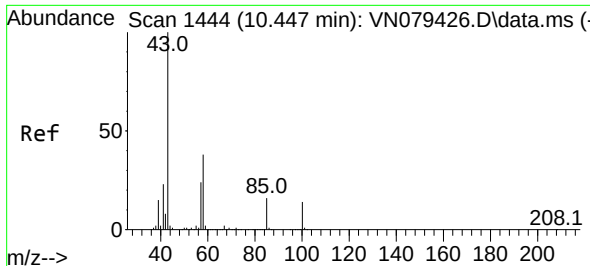
Tgt Ion: 98 Resp: 579318

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





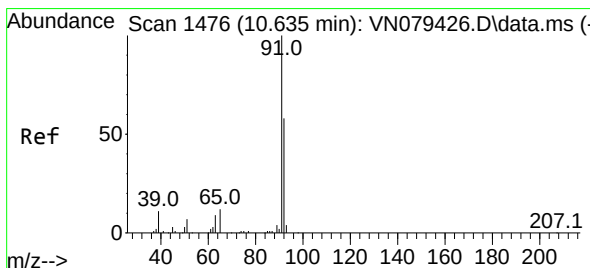
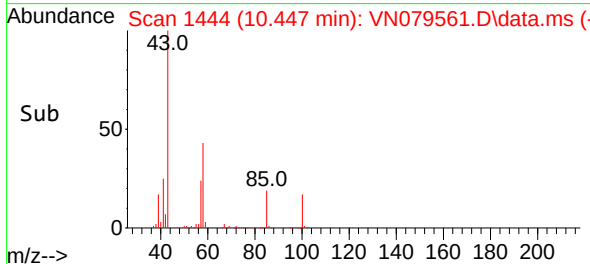
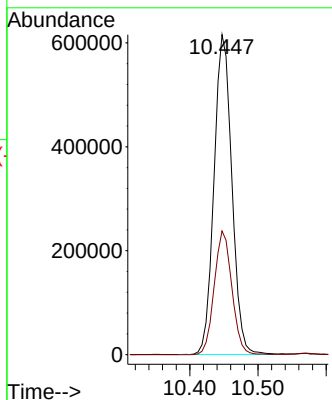
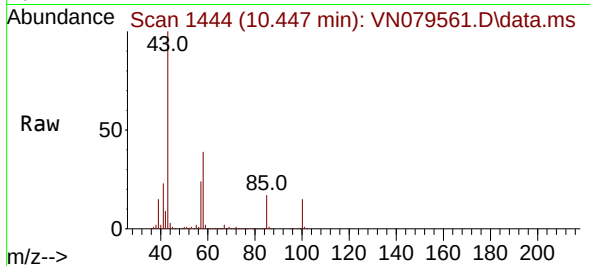
#51
4-Methyl-2-Pentanone
Concen: 250.054 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 112170
Ion Ratio Lower Upper
43 100
58 38.3 36.6 54.8

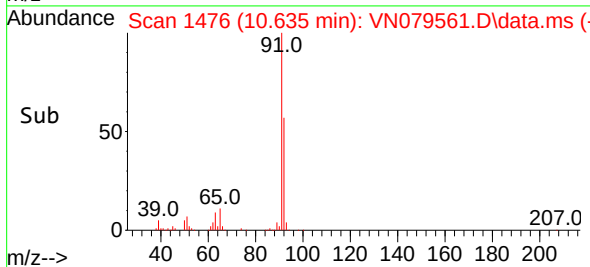
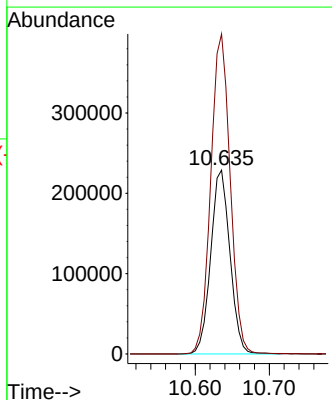
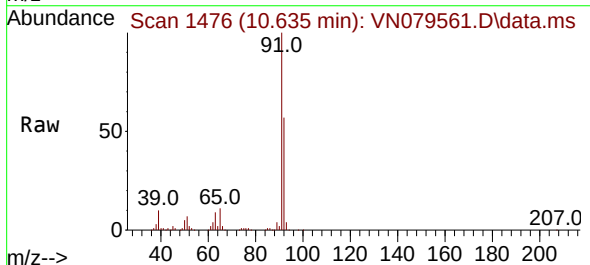
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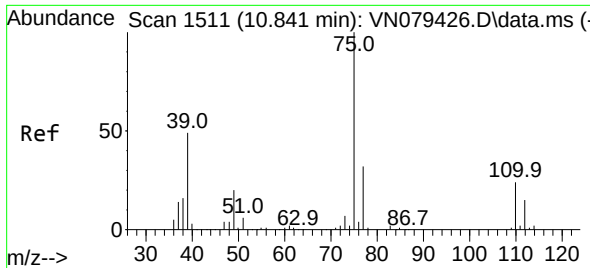
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#52
Toluene
Concen: 51.716 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion: 92 Resp: 412121
Ion Ratio Lower Upper
92 100
91 176.1 137.4 206.0





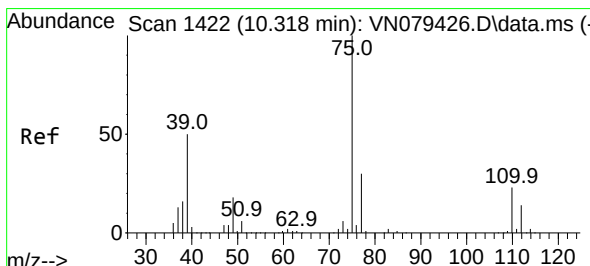
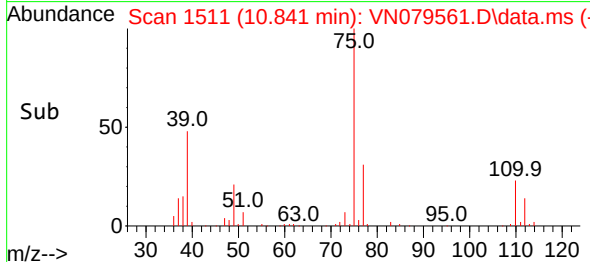
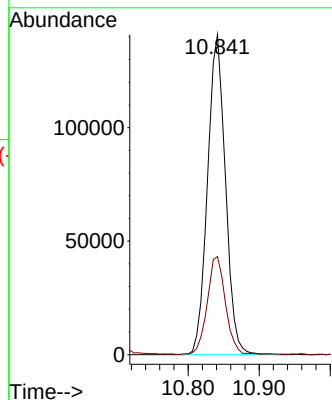
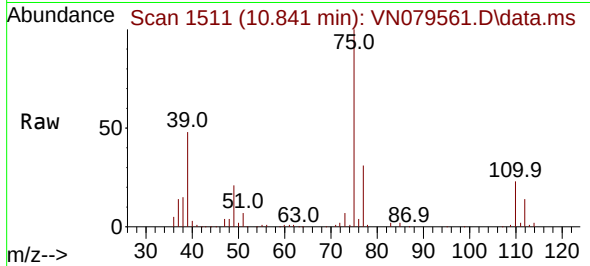
#53
 t-1,3-Dichloropropene
 Concen: 51.553 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 246878
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.4 38.0

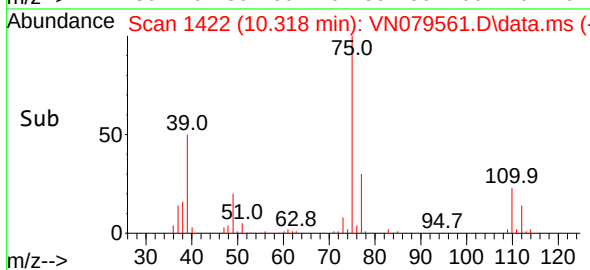
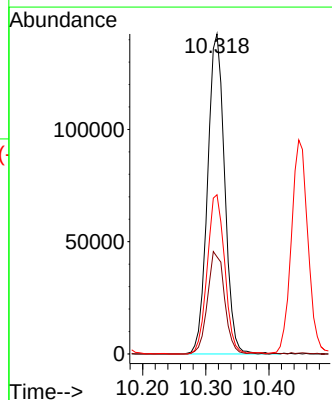
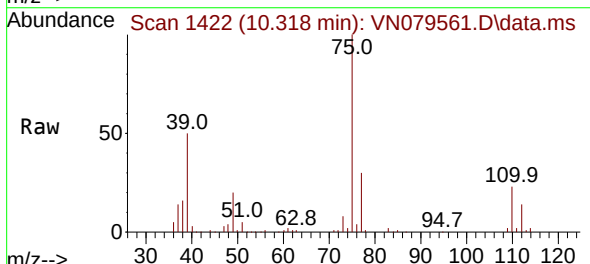
Manual Integrations
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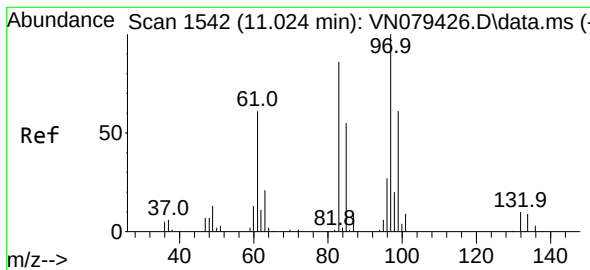
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#54
 cis-1,3-Dichloropropene
 Concen: 50.972 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

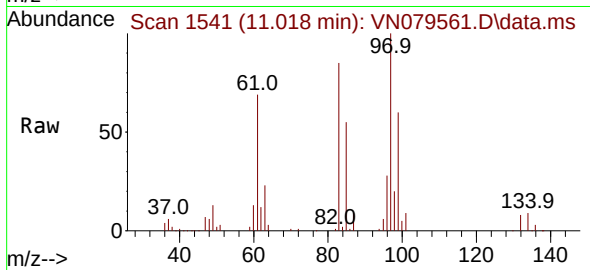
Tgt Ion: 75 Resp: 267212
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.1 39.1
 39 49.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 50.221 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

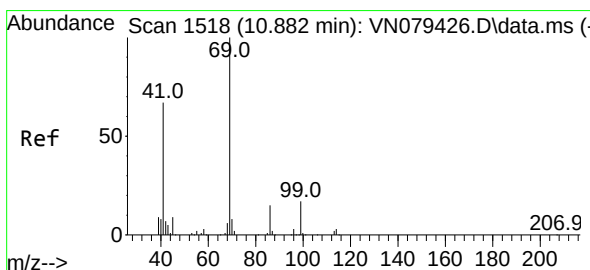
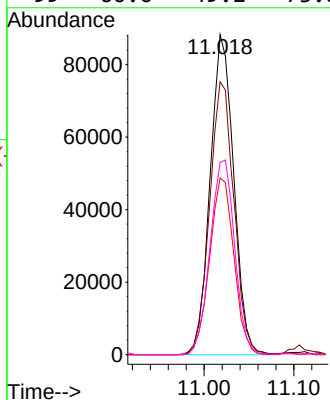
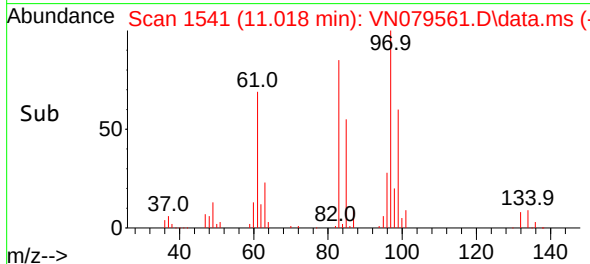
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



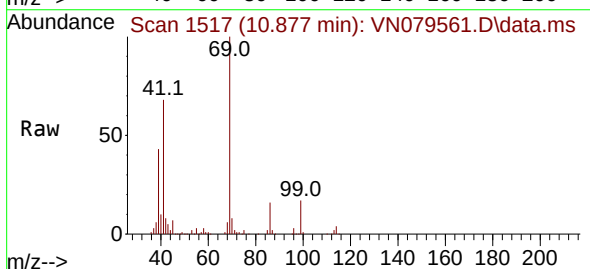
Tgt Ion: 97 Resp: 160668
Ion Ratio Lower Upper
97 100
83 85.3 65.1 97.7
85 55.3 43.4 65.2
99 60.0 49.2 73.8

Manual Integrations
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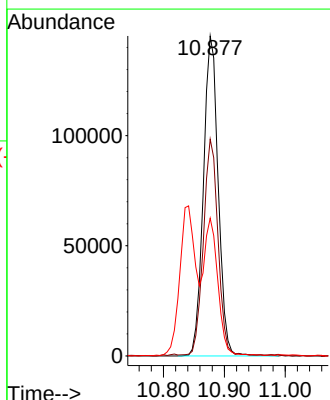
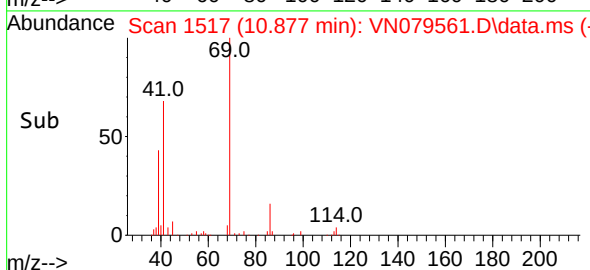
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

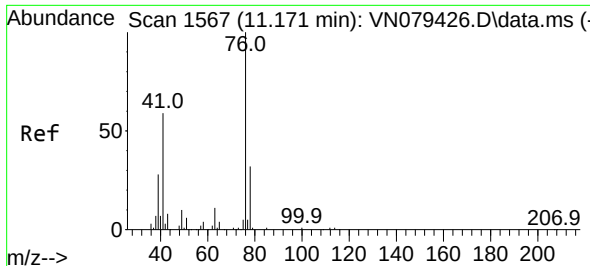


#56
Ethyl methacrylate
Concen: 55.824 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion: 69 Resp: 245410
Ion Ratio Lower Upper
69 100
41 66.5 39.6 59.4#
39 40.5 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.750 ug/l

RT: 11.165 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 28588

Ion Ratio Lower Upper

76 100

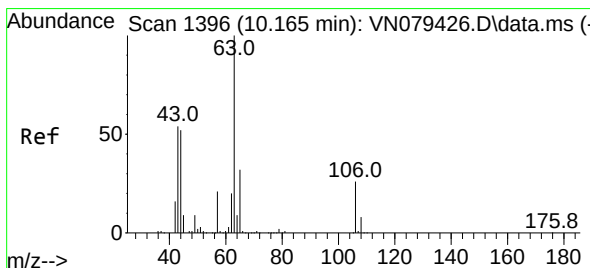
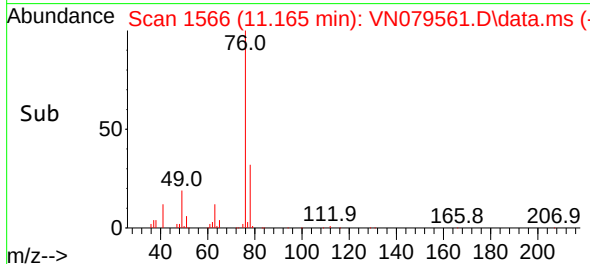
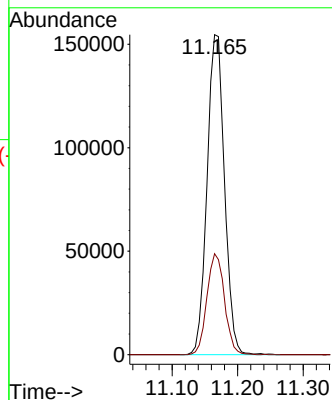
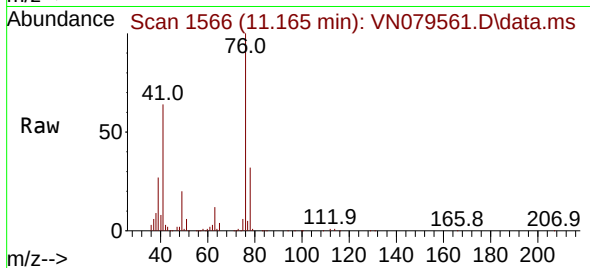
78 31.8 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 272.733 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079561.D

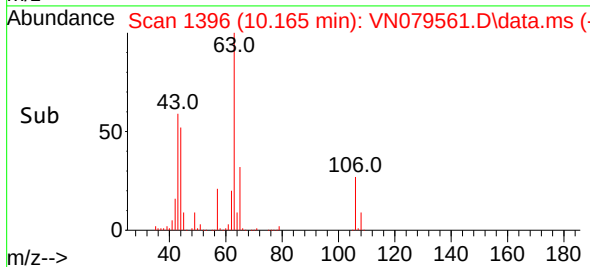
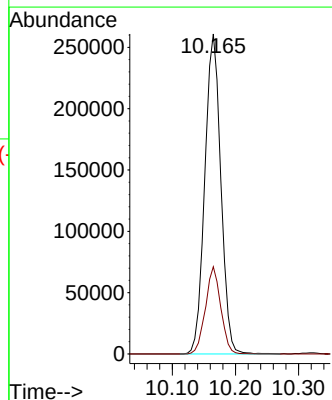
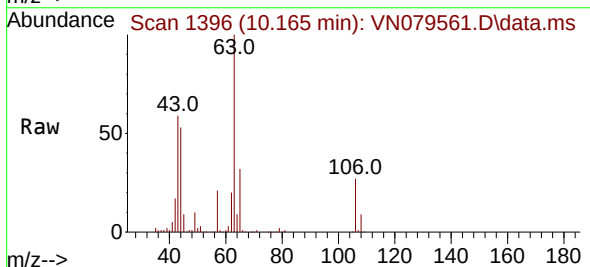
Acq: 12 Oct 2023 21:35

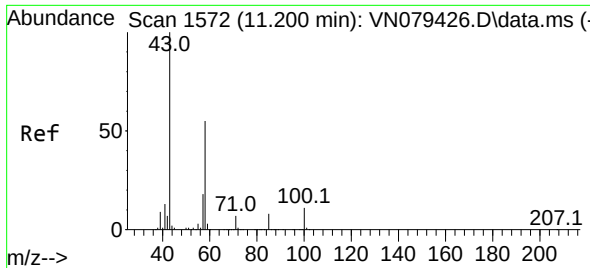
Tgt Ion: 63 Resp: 459168

Ion Ratio Lower Upper

63 100

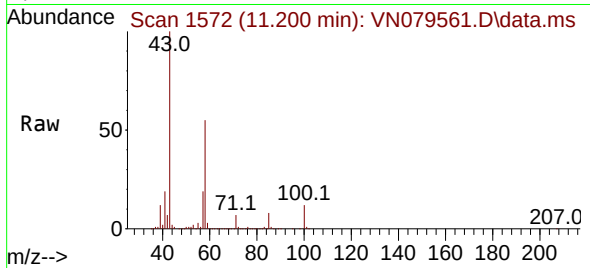
106 26.0 26.2 39.4#





#59
2-Hexanone
Concen: 244.694 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

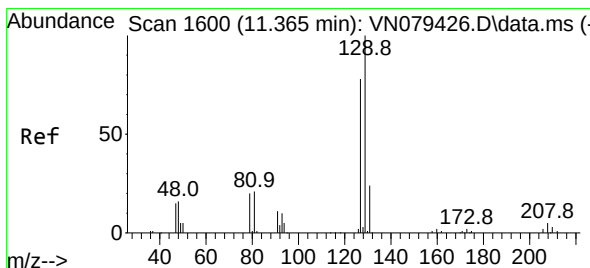
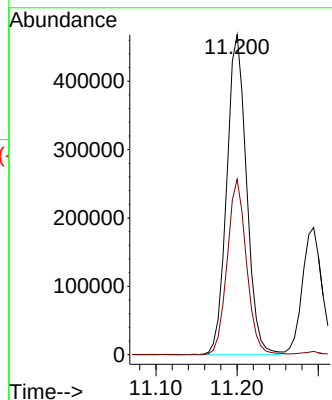
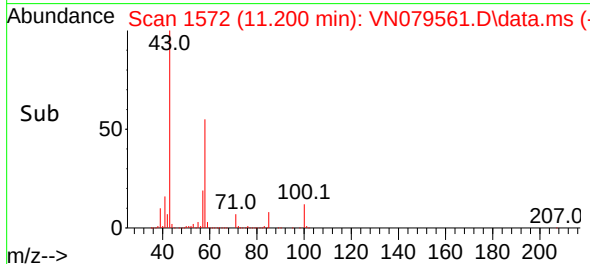
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 792079
Ion Ratio Lower Upper
43 100
58 53.5 31.7 95.1

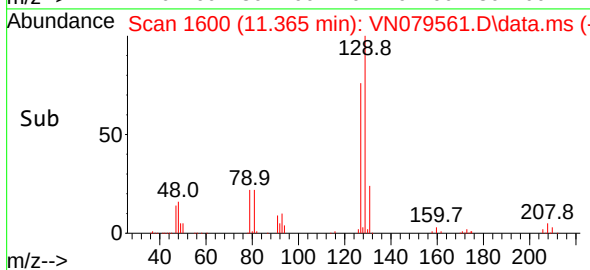
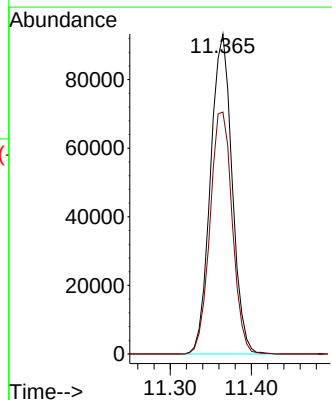
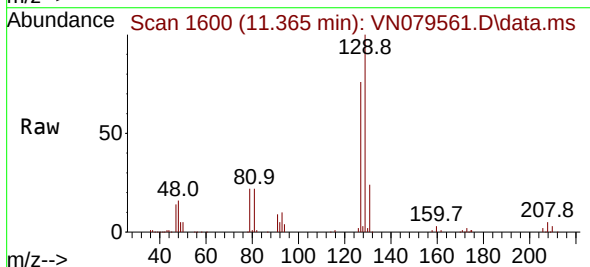
Manual Integrations
APPROVED

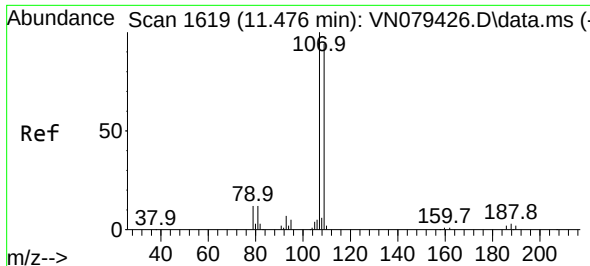
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#60
Dibromochloromethane
Concen: 53.634 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

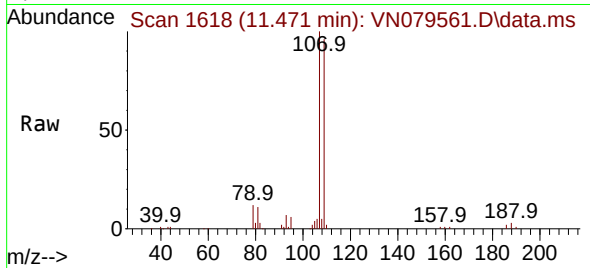
Tgt Ion:129 Resp: 172451
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.615 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

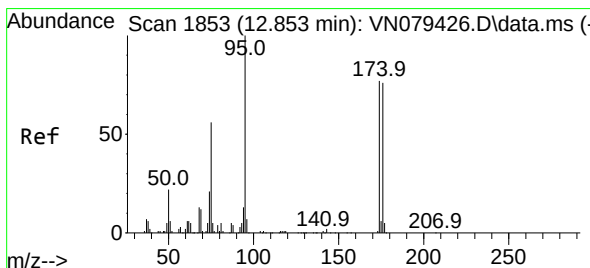
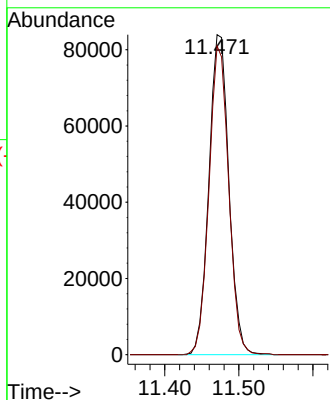
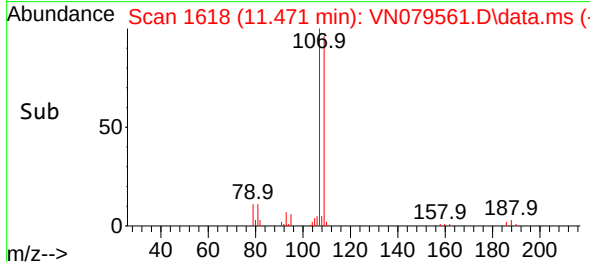
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 157524
Ion Ratio Lower Upper
107 100
109 94.9 76.6 114.8

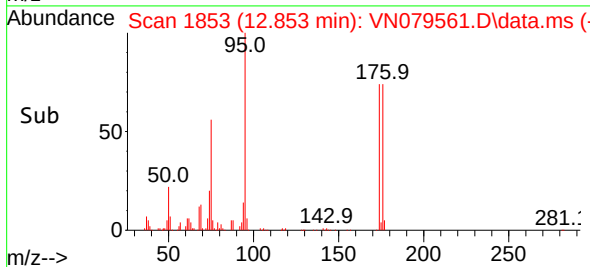
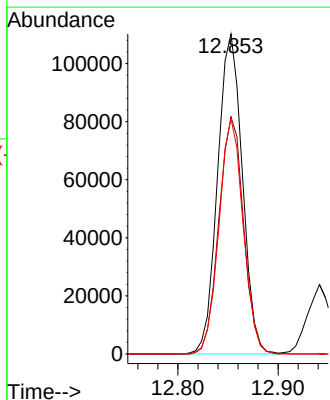
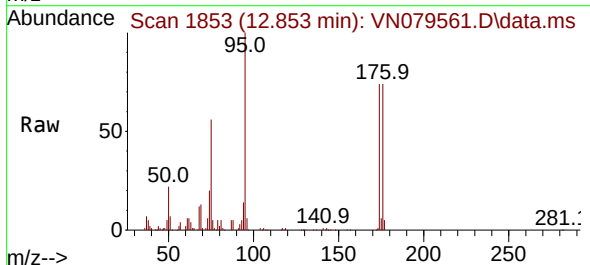
Manual Integrations
APPROVED

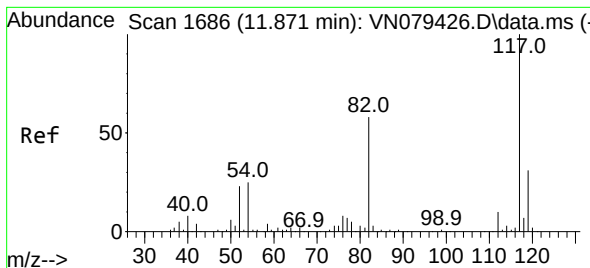
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 53.437 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

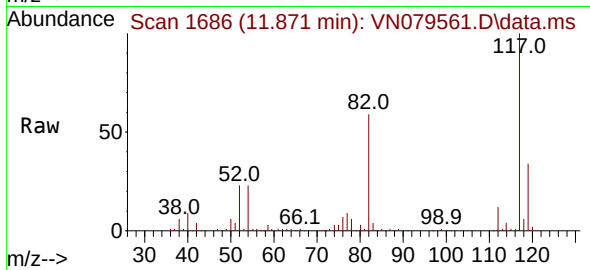
Tgt Ion: 95 Resp: 188460
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 72.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

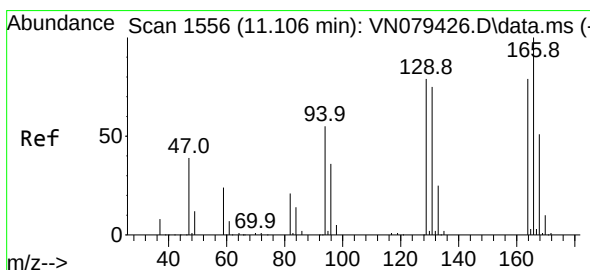
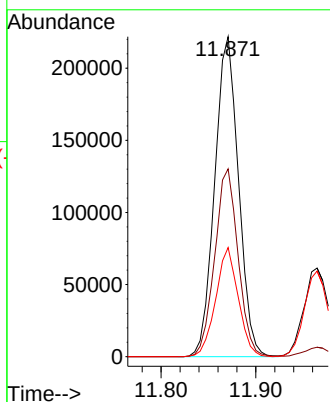
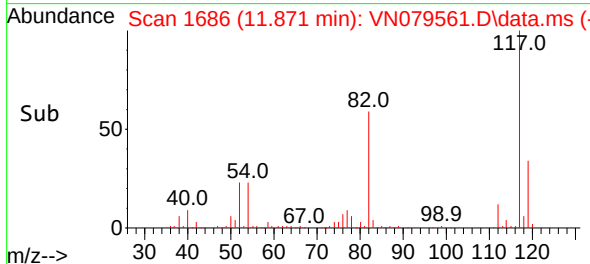
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



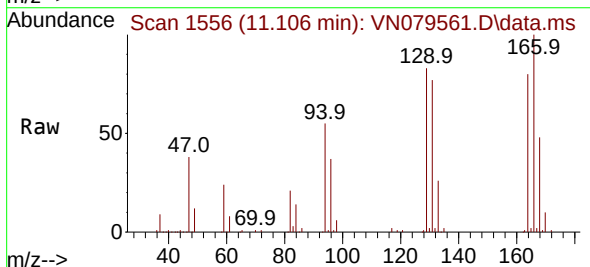
Tgt Ion:117 Resp: 387380
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 34.1 25.6 38.4

Manual Integrations
APPROVED

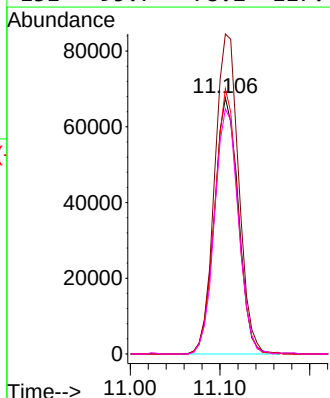
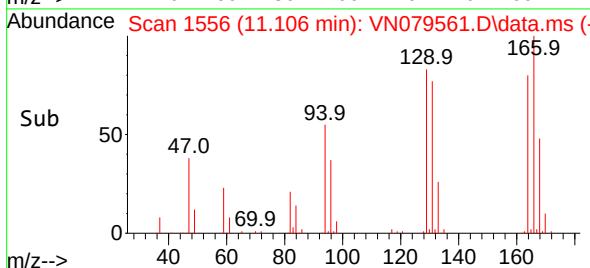
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

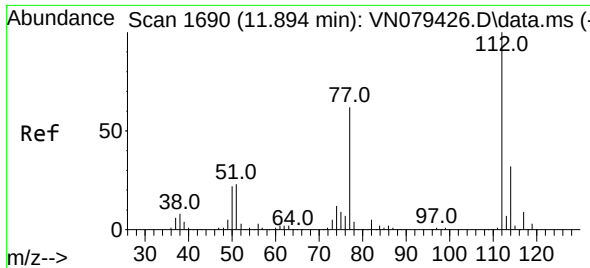


#64
Tetrachloroethene
Concen: 47.039 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion:164 Resp: 125354
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.0
129 103.6 82.4 123.6
131 95.7 78.2 117.4





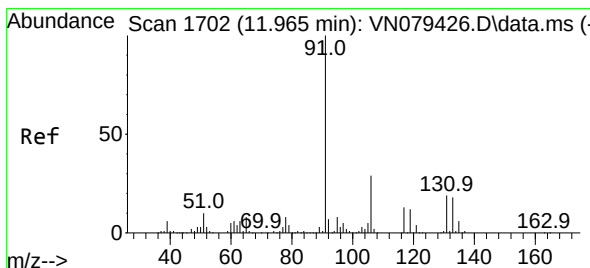
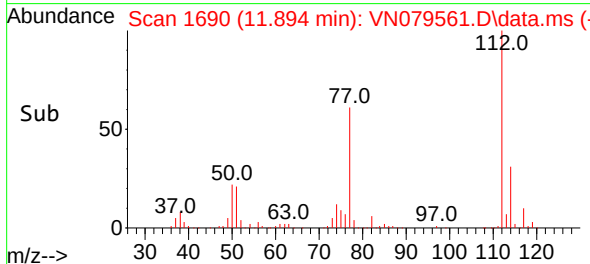
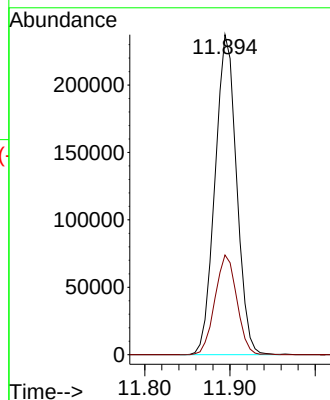
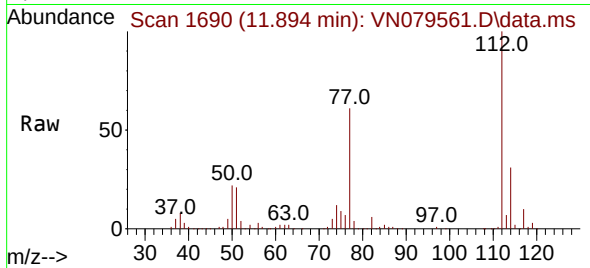
#65
Chlorobenzene
Concen: 48.385 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 41742
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4

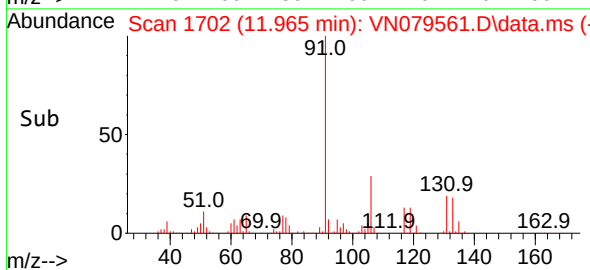
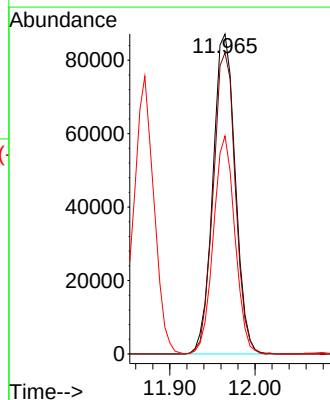
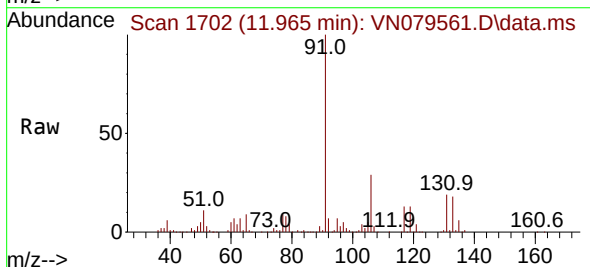
Manual Integrations
APPROVED

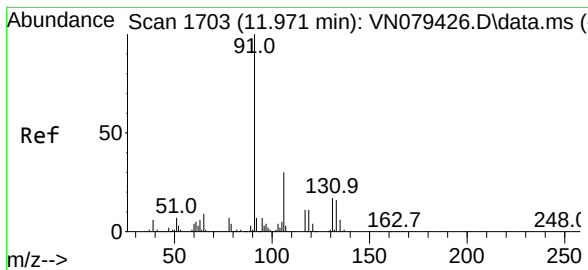
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 50.337 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

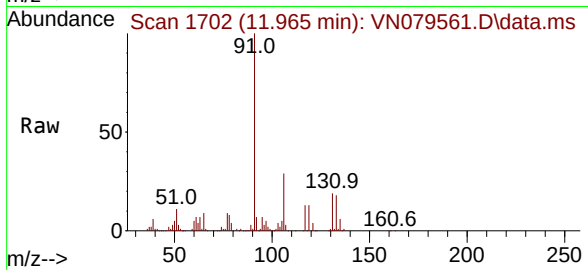
Tgt Ion:131 Resp: 159005
Ion Ratio Lower Upper
131 100
133 93.6 46.4 139.1
119 65.5 34.1 102.2





#67
Ethyl Benzene
Concen: 52.303 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

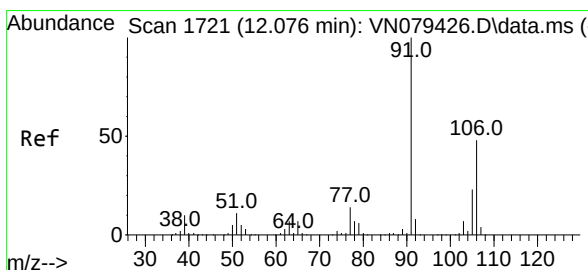
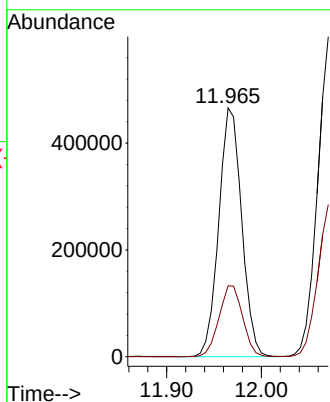
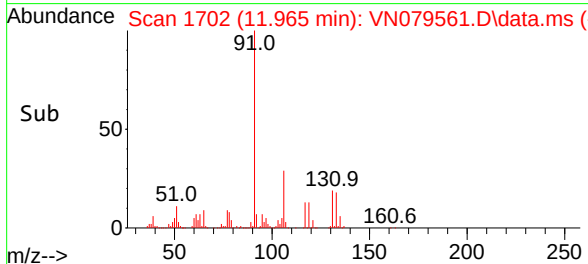
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



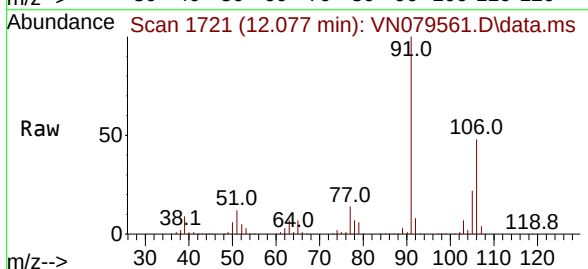
Tgt Ion: 91 Resp: 784286
Ion Ratio Lower Upper
91 100
106 28.5 25.6 38.4

Manual Integrations
APPROVED

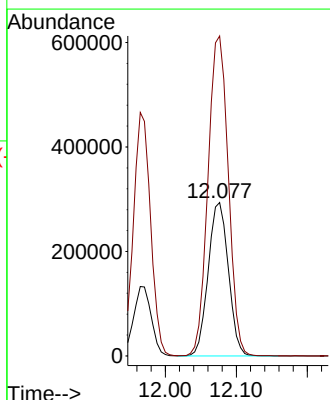
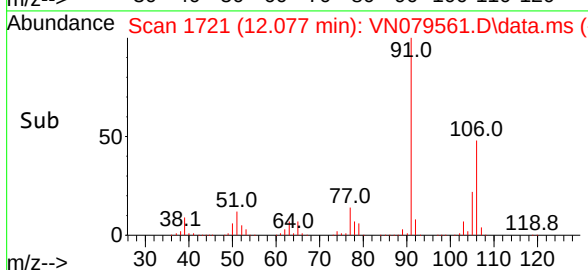
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

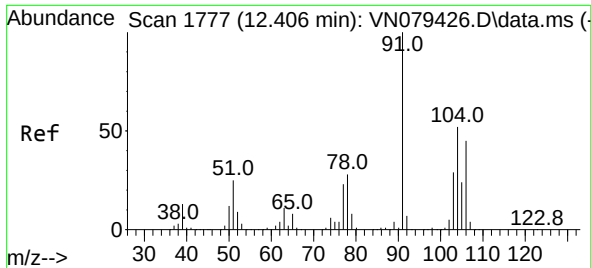


#68
m/p-Xylenes
Concen: 106.337 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



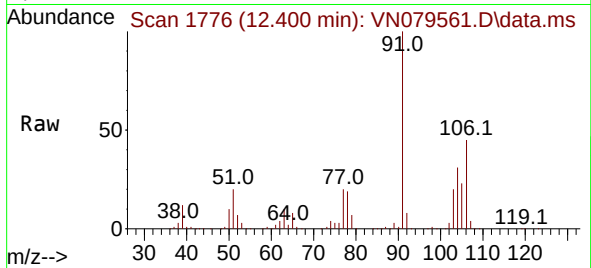
Tgt Ion:106 Resp: 579359
Ion Ratio Lower Upper
106 100
91 209.8 159.6 239.4





#69
o-Xylene
Concen: 51.778 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

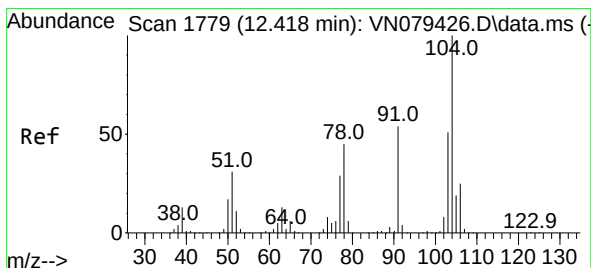
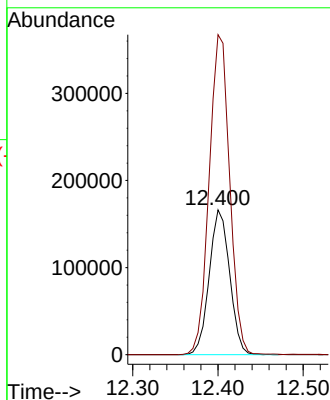
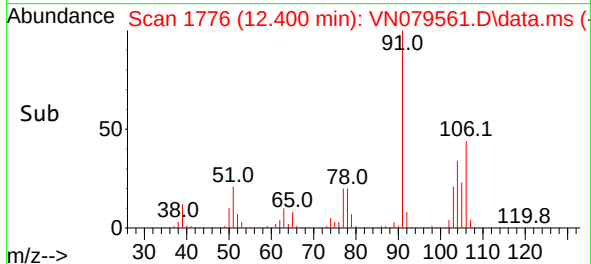
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 277430
Ion Ratio Lower Upper
106 100
91 222.3 105.2 315.5

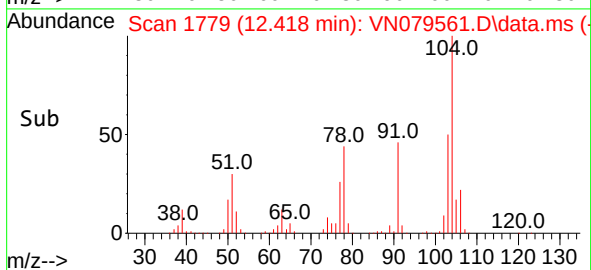
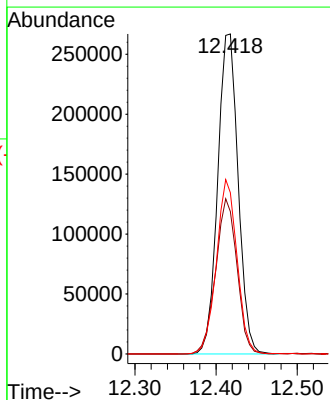
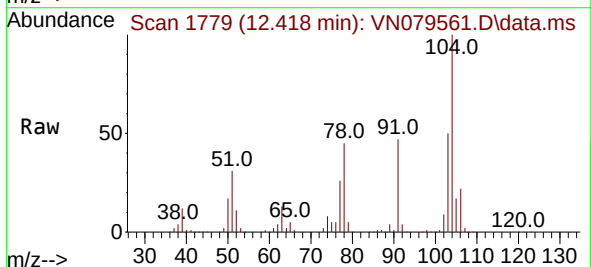
Manual Integrations
APPROVED

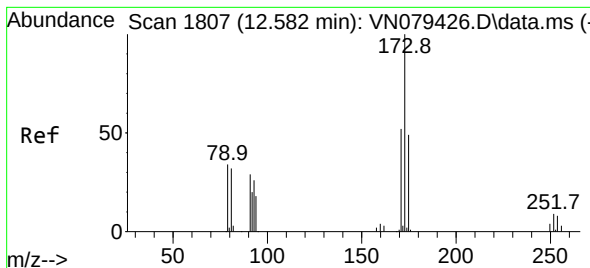
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#70
Styrene
Concen: 55.204 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Tgt Ion:104 Resp: 467218
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 55.1 43.2 64.8





#71

Bromoform

Concen: 48.329 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 111730

Ion Ratio Lower Upper

173 100

175 49.2 24.3 73.0

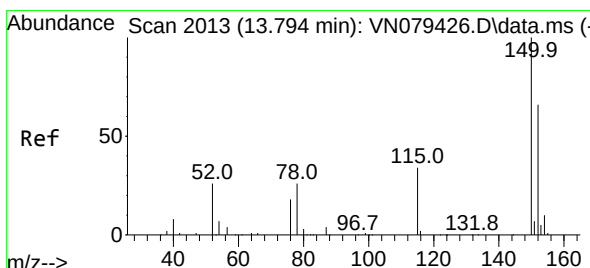
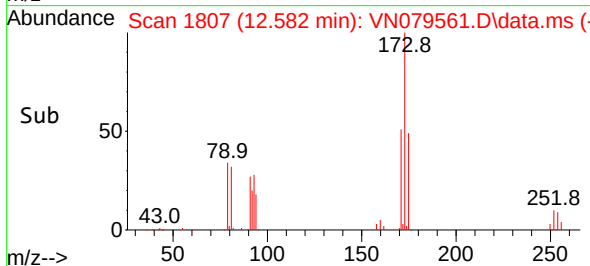
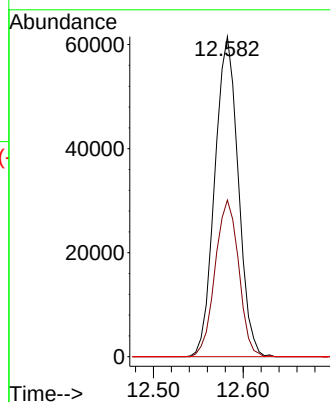
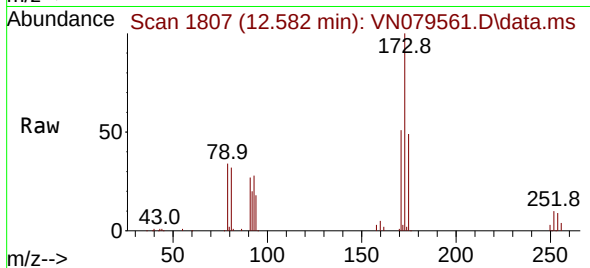
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

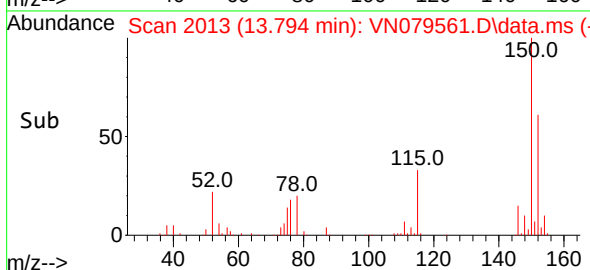
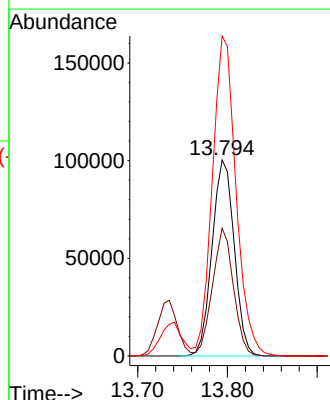
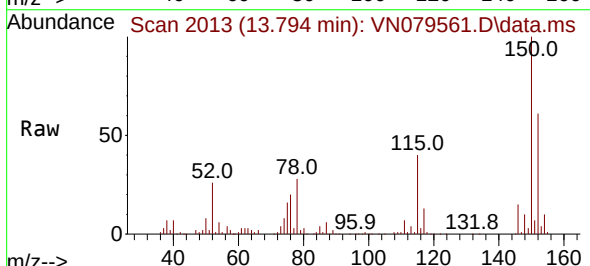
Tgt Ion:152 Resp: 171962

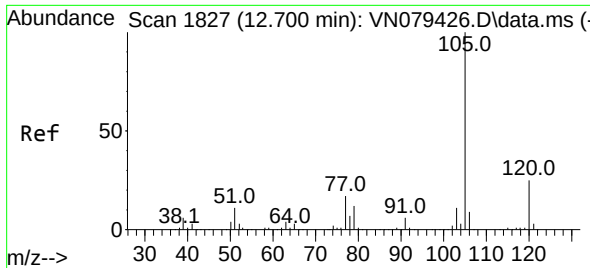
Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 174.5 0.0 355.8





#73
Isopropylbenzene
Concen: 44.742 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

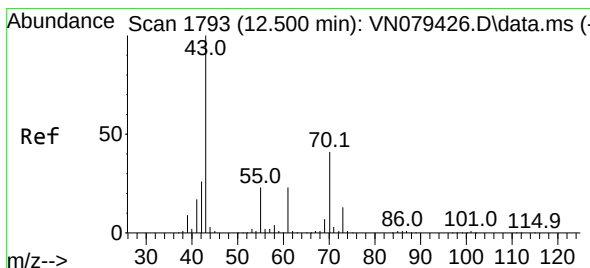
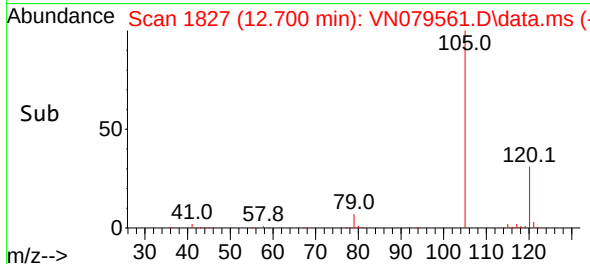
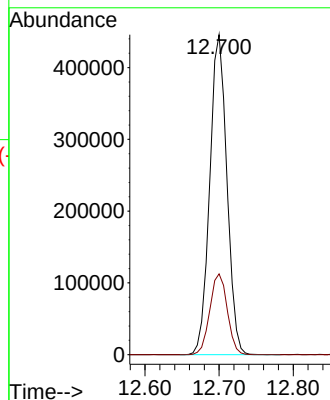
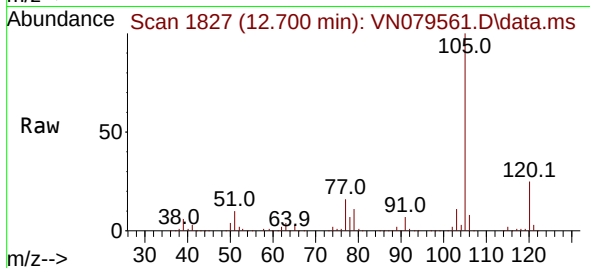
VSTDCCC050EC

Tgt Ion:105 Resp: 715780
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

Manual Integrations

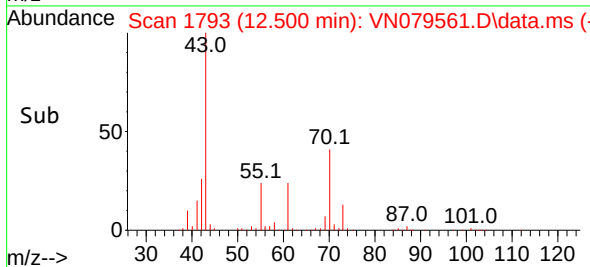
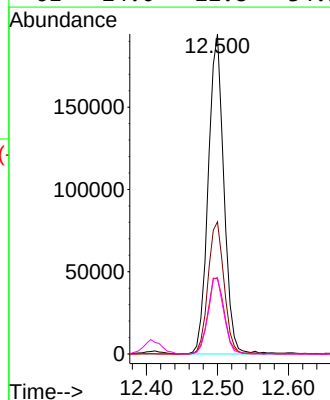
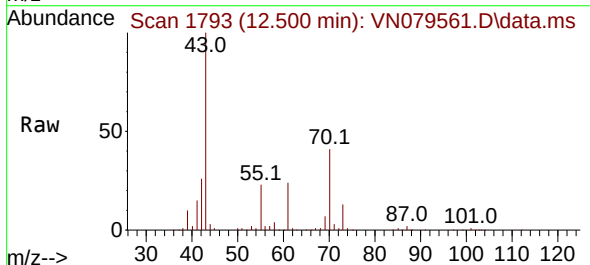
APPROVED

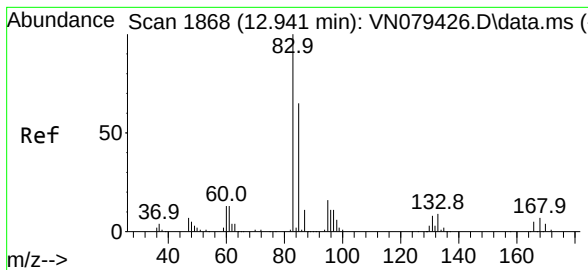
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#74
N-ethyl acetate
Concen: 45.399 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

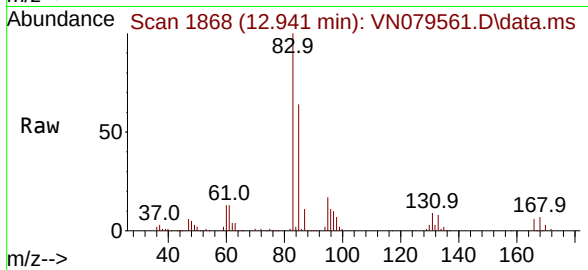
Tgt Ion: 43 Resp: 297756
Ion Ratio Lower Upper
43 100
70 42.0 43.4 65.2#
55 25.3 21.4 32.0
61 24.0 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.020 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

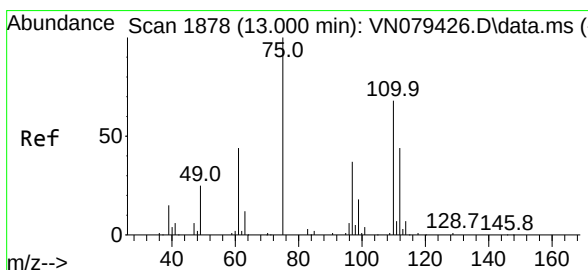
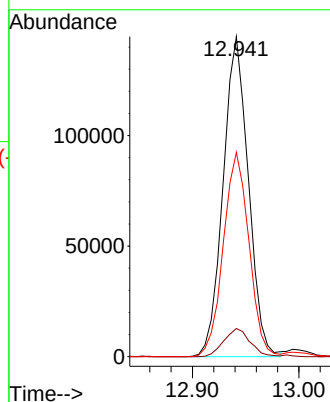
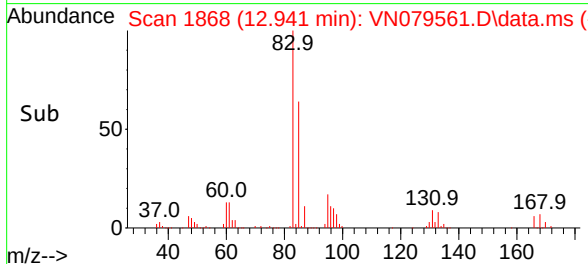
Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC



Tgt Ion: 83 Resp: 238134
Ion Ratio Lower Upper
83 100
131 9.2 5.0 15.0
85 64.8 31.9 95.7

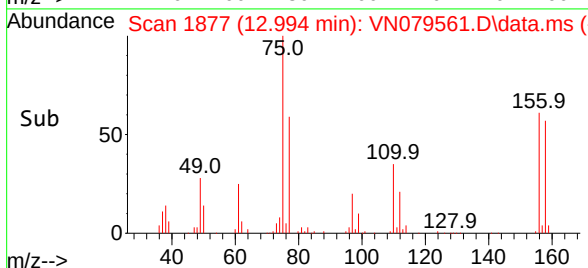
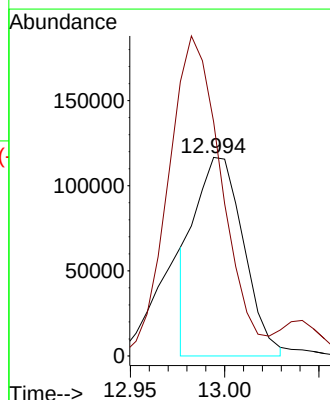
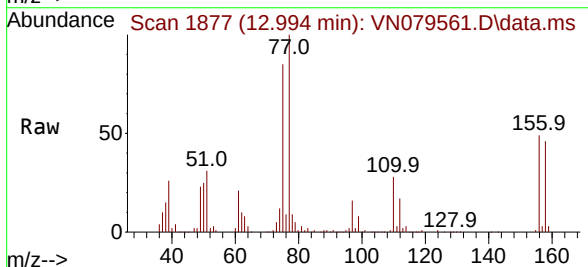
Manual Integrations
APPROVED

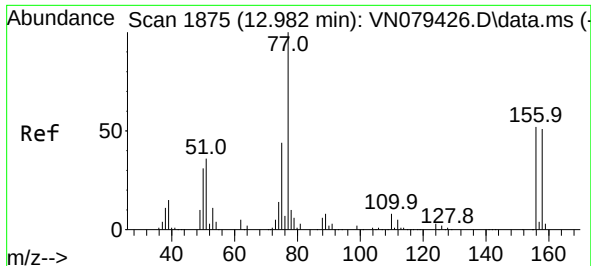
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 42.305 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

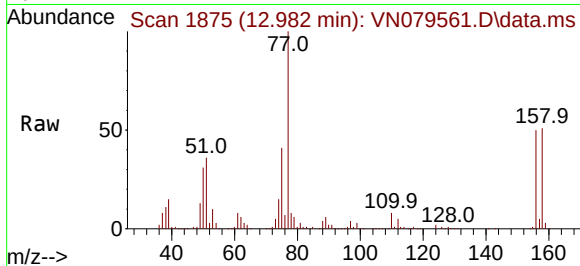
Tgt Ion: 75 Resp: 209753
Ion Ratio Lower Upper
75 100
77 177.5 84.5 253.5





#77
Bromobenzene
Concen: 41.832 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

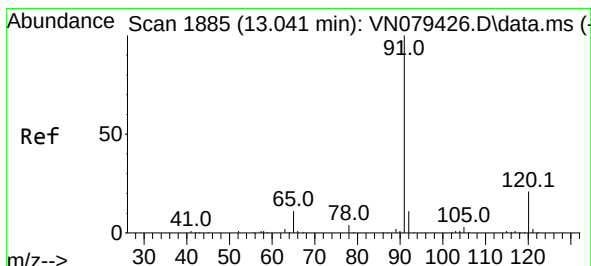
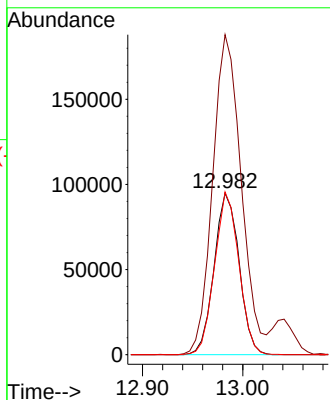
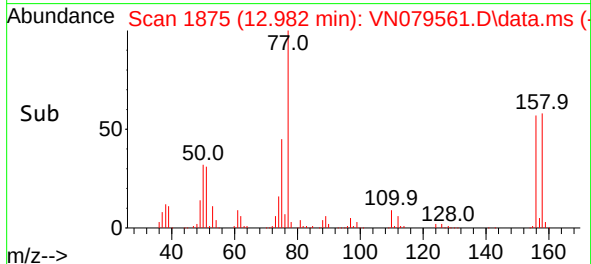
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



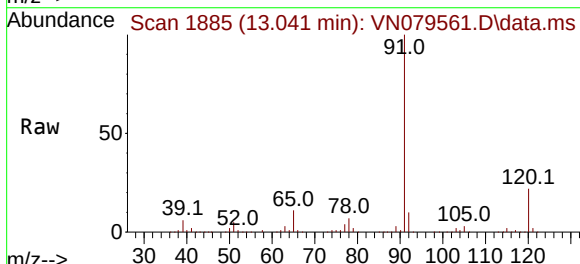
Tgt Ion:156 Resp: 164095
Ion Ratio Lower Upper
156 100
77 226.9 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
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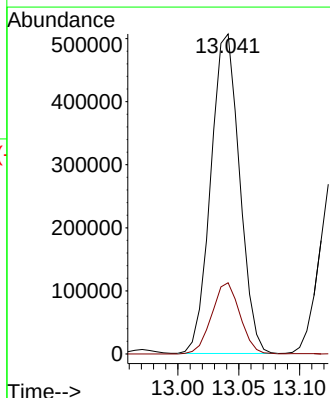
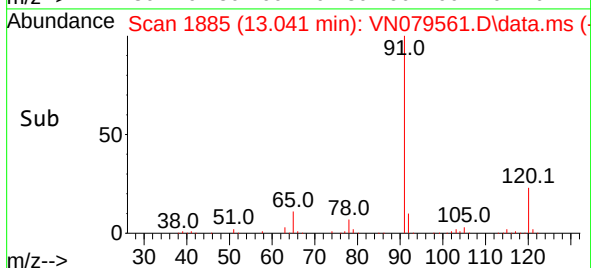
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

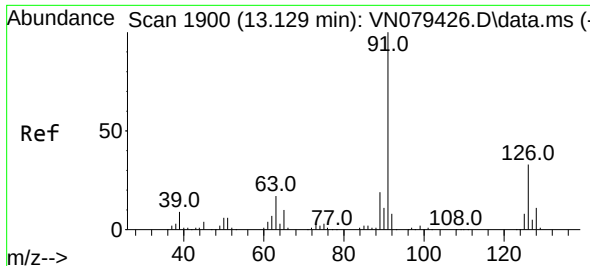


#78
n-propylbenzene
Concen: 46.058 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion: 91 Resp: 833664
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





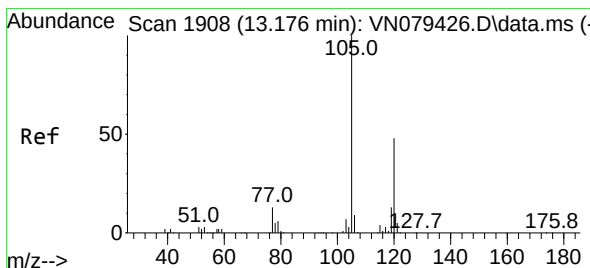
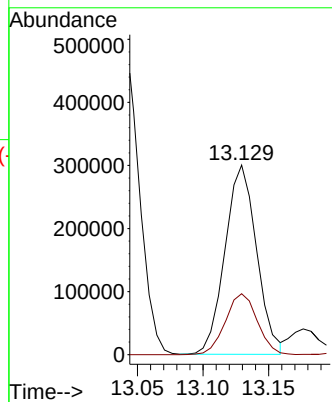
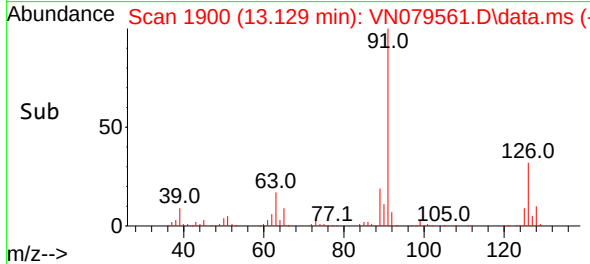
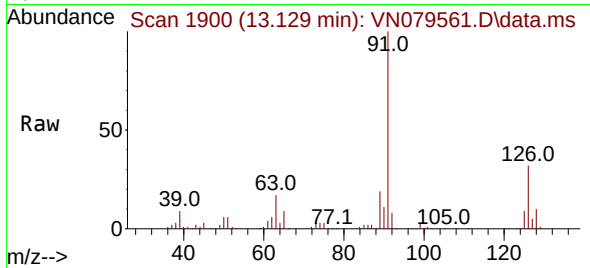
#79
2-Chlorotoluene
Concen: 43.511 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 50396
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8

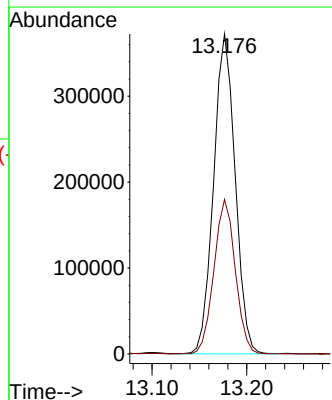
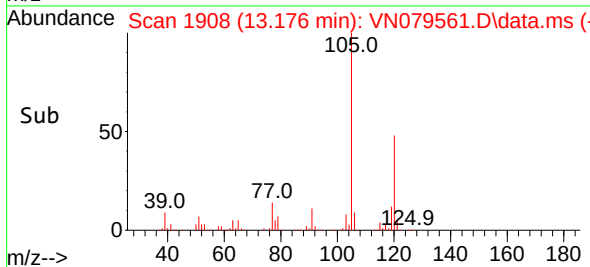
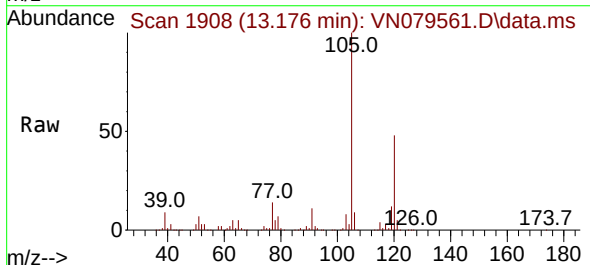
Manual Integrations
APPROVED

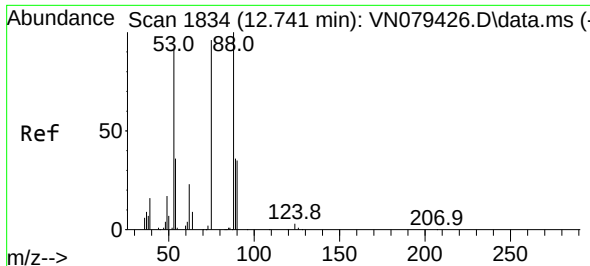
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.598 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

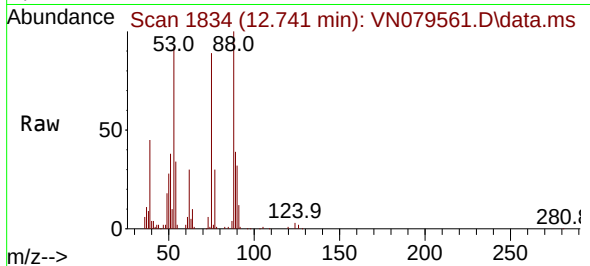
Tgt Ion:105 Resp: 587844
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 40.775 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

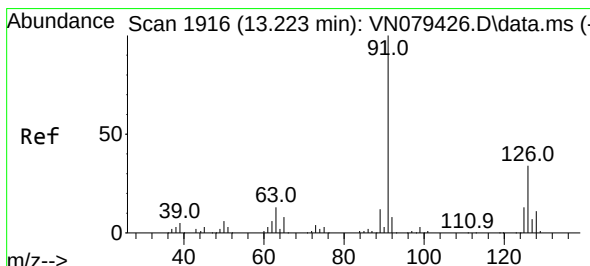
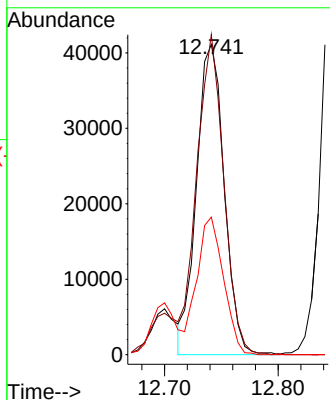
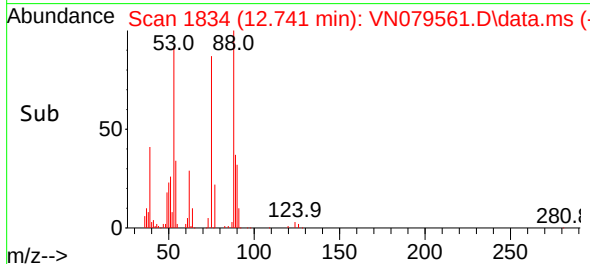
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



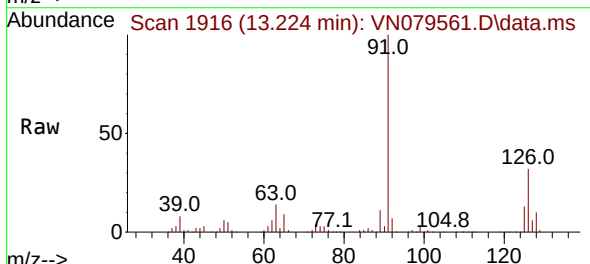
Tgt Ion: 75 Resp: 69670
Ion Ratio Lower Upper
75 100
53 100.6 67.4 101.2
89 42.3 38.8 58.2

Manual Integrations
APPROVED

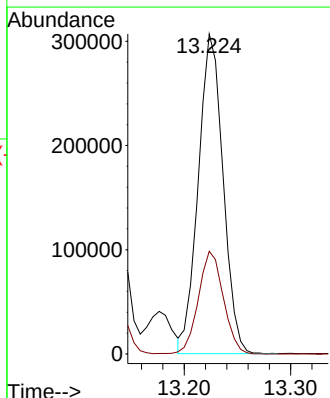
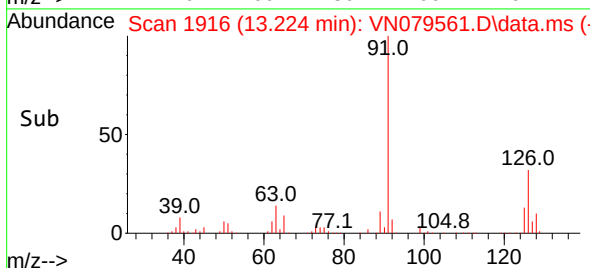
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

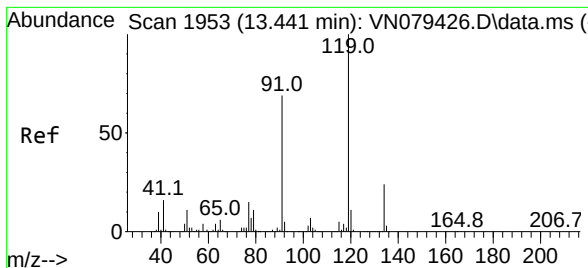


#82
4-Chlorotoluene
Concen: 44.942 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



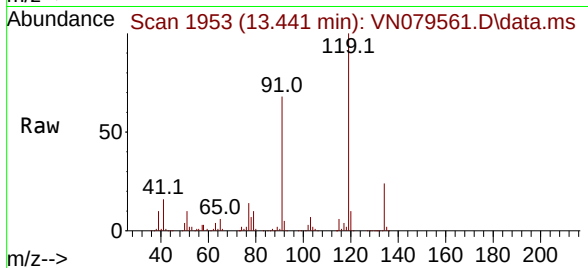
Tgt Ion: 91 Resp: 495334
Ion Ratio Lower Upper
91 100
126 32.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.377 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

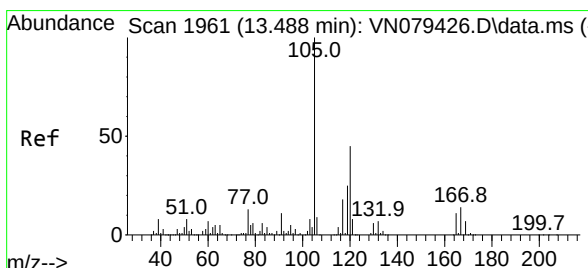
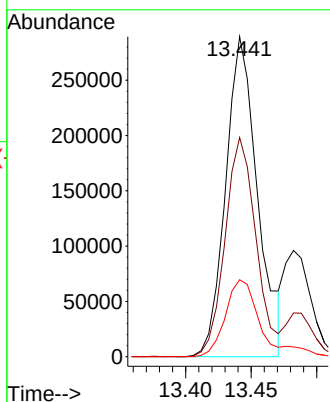
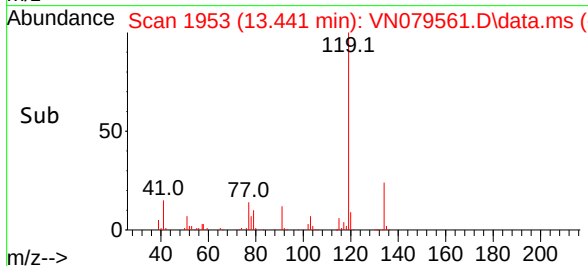
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



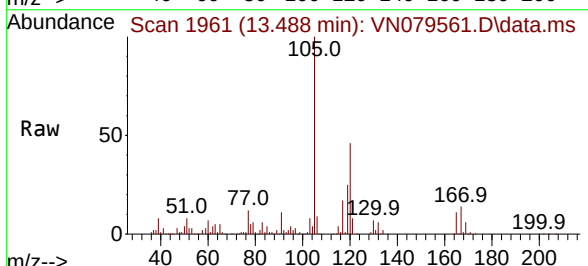
Tgt Ion:119 Resp: 489674
Ion Ratio Lower Upper
119 100
91 66.6 33.9 101.7
134 26.6 13.2 39.6

Manual Integrations
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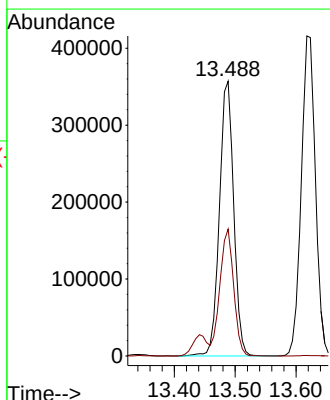
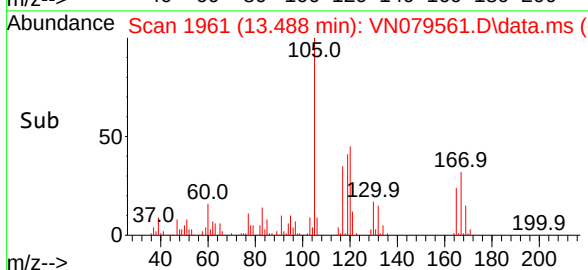
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

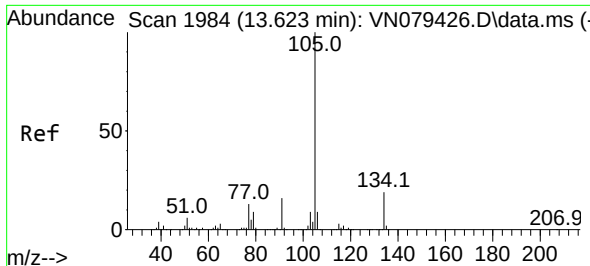


#84
1,2,4-Trimethylbenzene
Concen: 48.238 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion:105 Resp: 580750
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





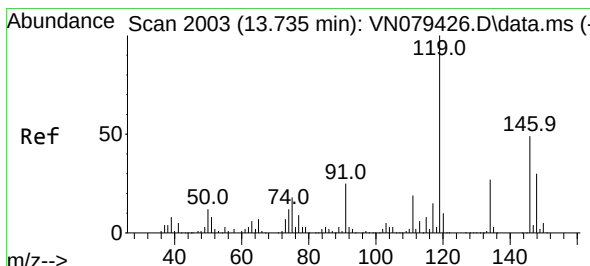
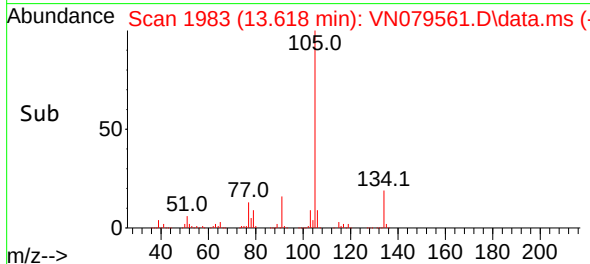
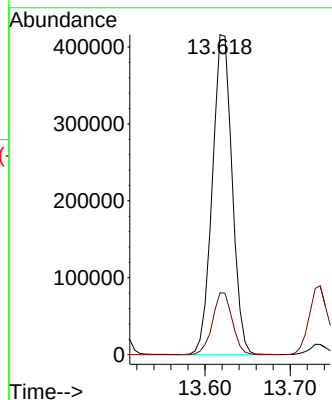
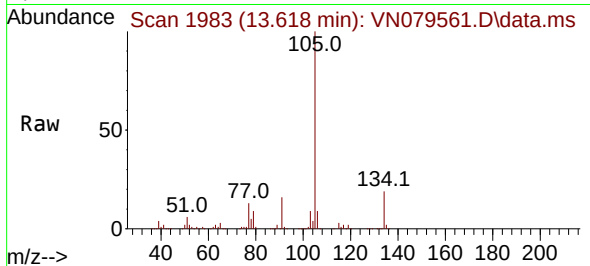
#85
 sec-Butylbenzene
 Concen: 46.485 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 67015
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

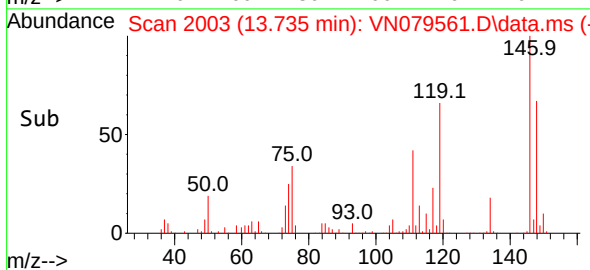
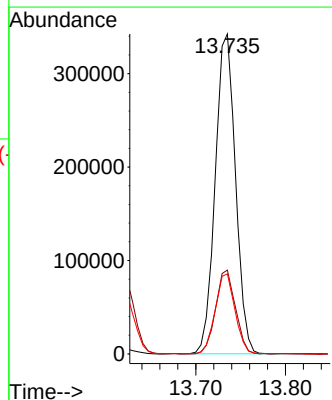
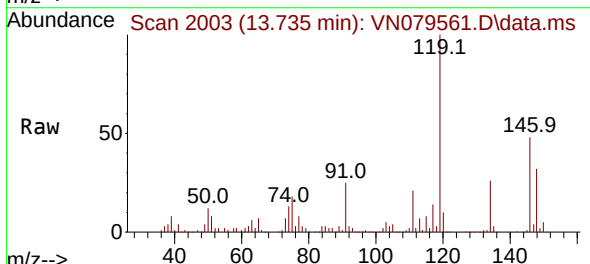
Manual Integrations
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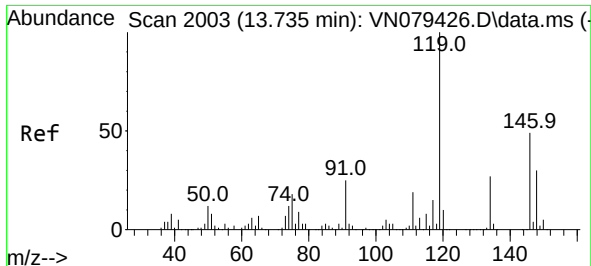
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#86
 p-Isopropyltoluene
 Concen: 48.537 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079561.D
 Acq: 12 Oct 2023 21:35

Tgt Ion:119 Resp: 536806
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.284 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

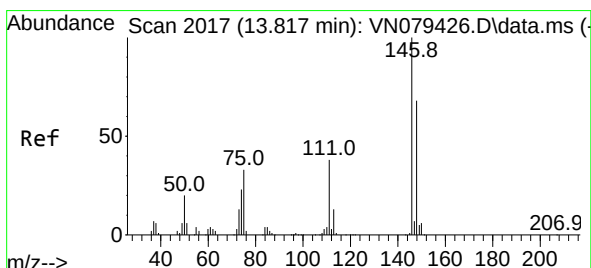
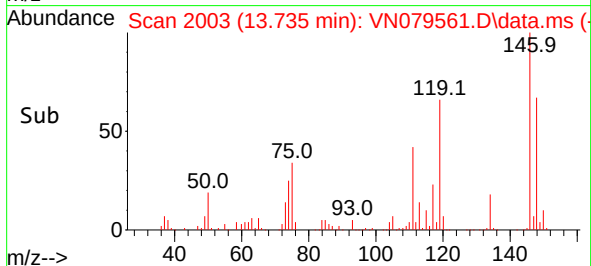
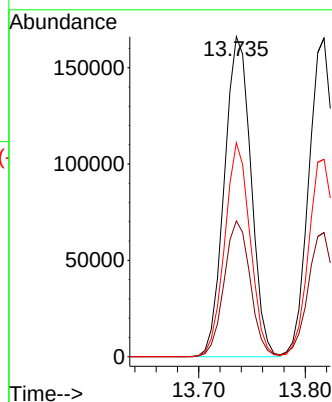
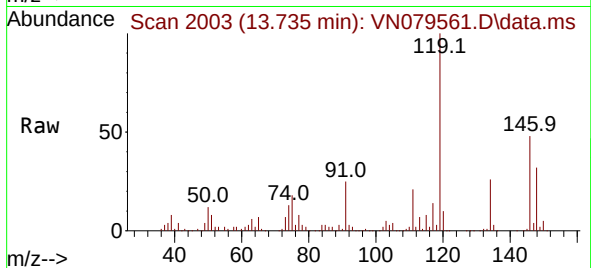
Tgt Ion:146 Resp: 287968
 Ion Ratio Lower Upper
 146 100
 111 41.7 22.1 66.3
 148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 43.569 ug/l

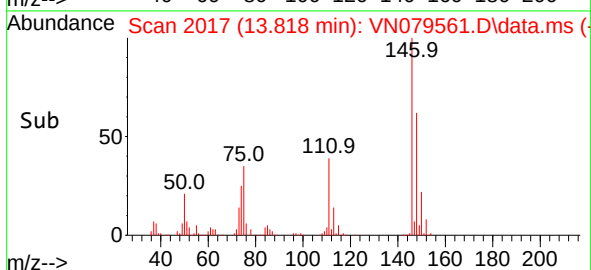
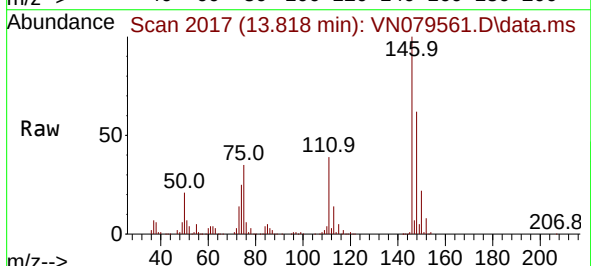
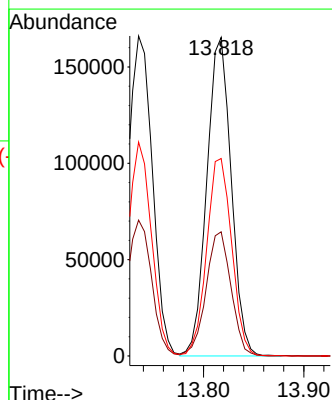
RT: 13.818 min Scan# 2017

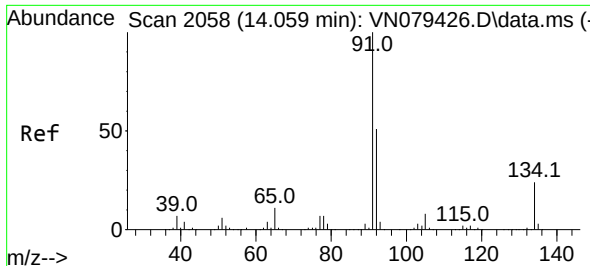
Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

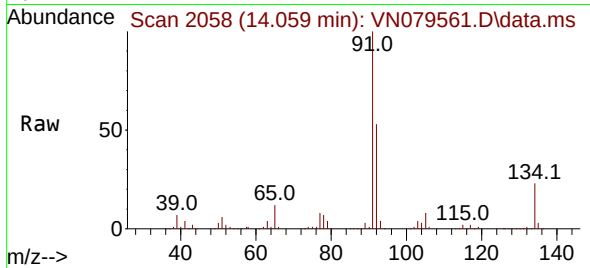
Tgt Ion:146 Resp: 279900
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.8
 148 63.7 31.6 94.8





#89
n-Butylbenzene
Concen: 48.969 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

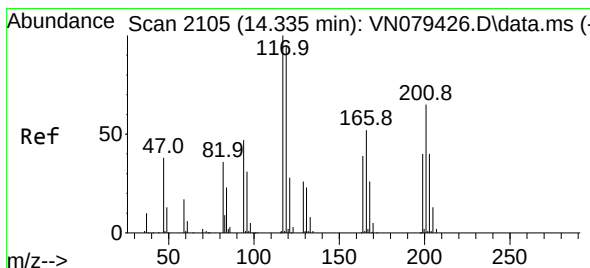
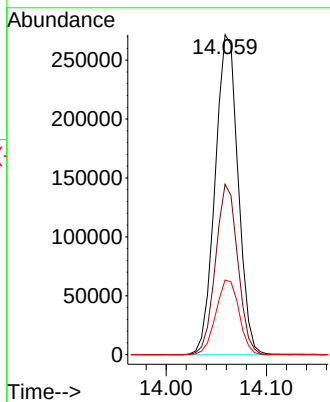
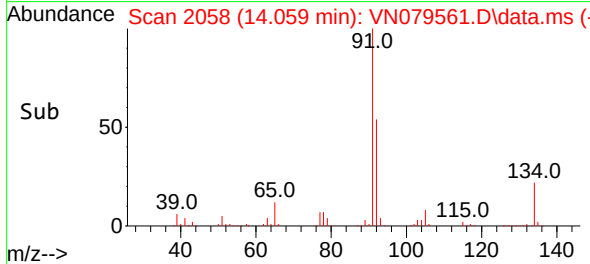
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 432480
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 23.5 12.6 37.6

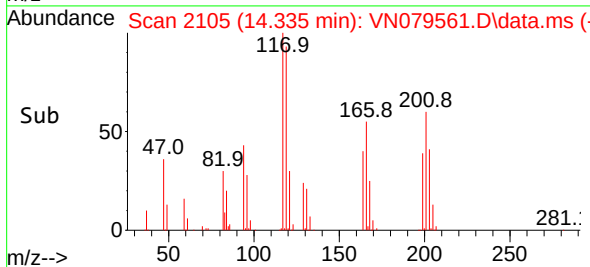
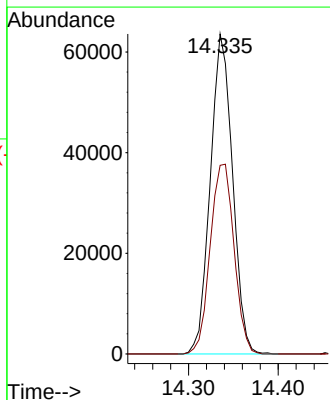
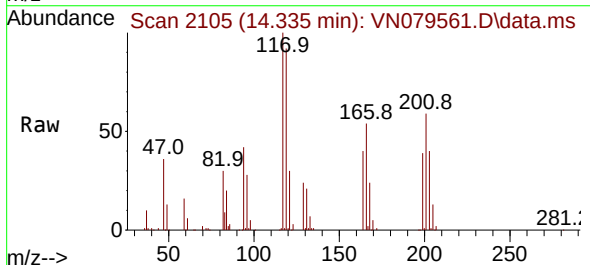
Manual Integrations
APPROVED

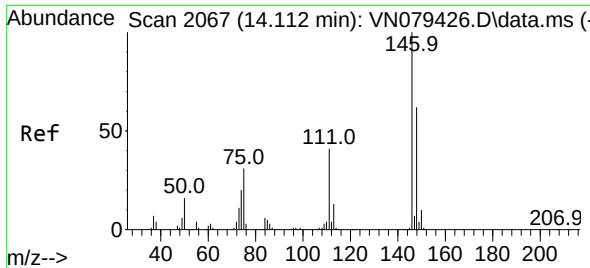
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#90
Hexachloroethane
Concen: 48.712 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

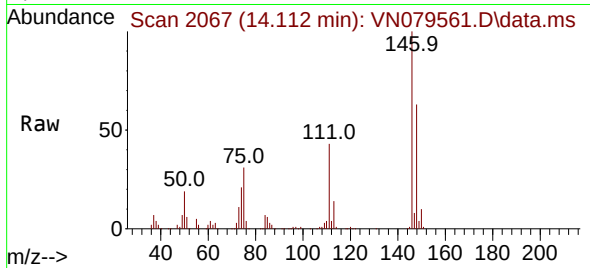
Tgt Ion:117 Resp: 109433
Ion Ratio Lower Upper
117 100
201 63.7 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 46.080 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

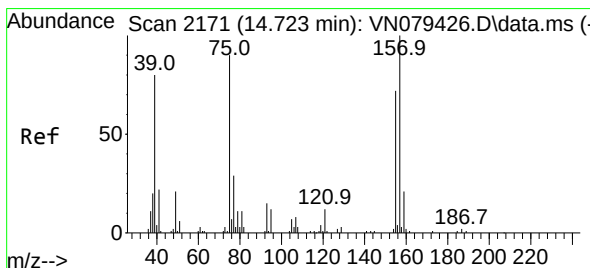
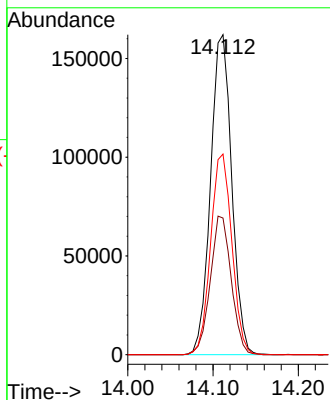
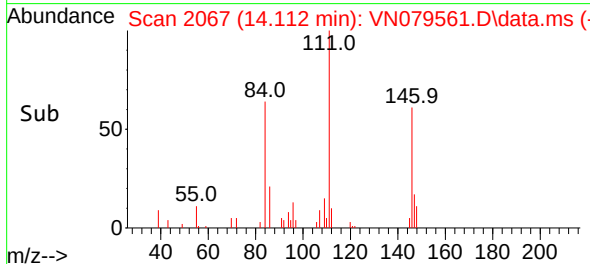
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



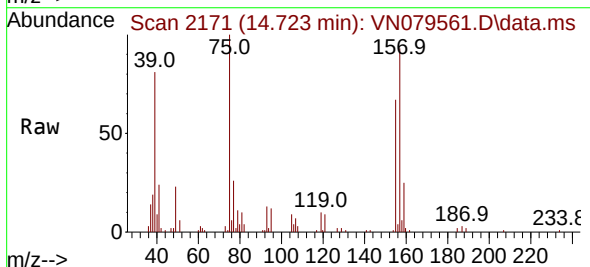
Tgt Ion:146 Resp: 279649
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.0 31.8 95.3

Manual Integrations
APPROVED

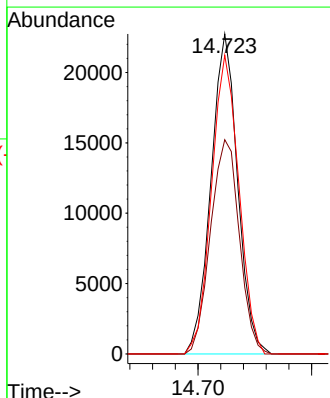
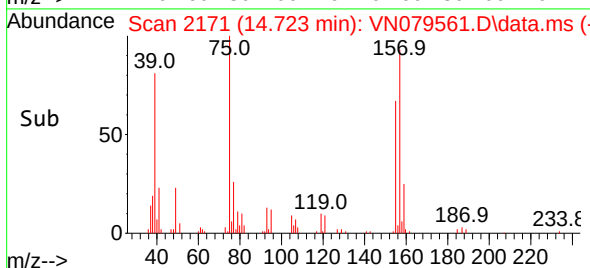
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

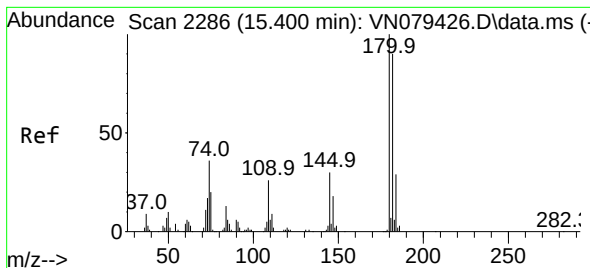


#92
1,2-Dibromo-3-Chloropropane
Concen: 40.090 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion: 75 Resp: 37086
Ion Ratio Lower Upper
75 100
155 72.3 39.1 117.2
157 95.8 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 47.085 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

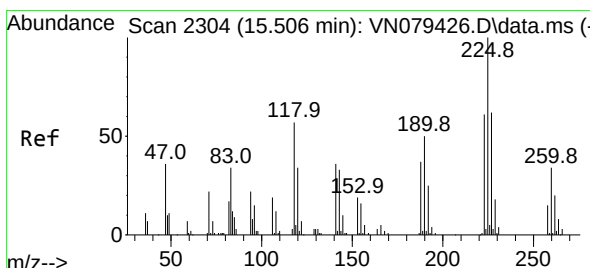
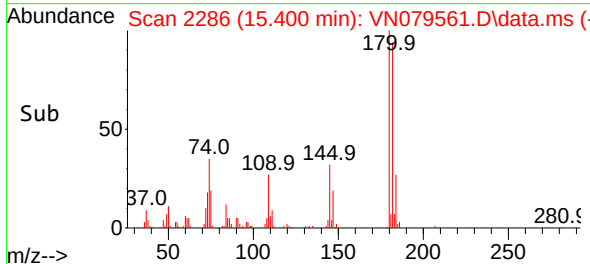
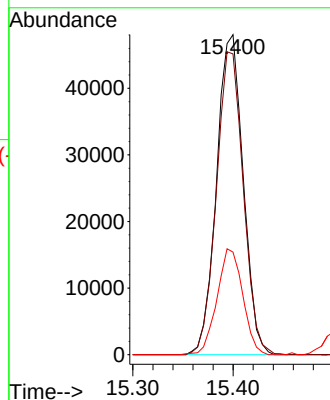
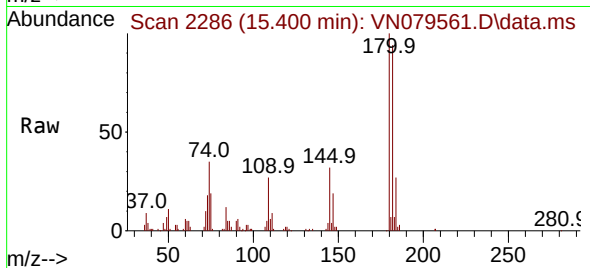
Tgt Ion:	180	Resp:	8850
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.1	138.2
145	32.0	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#94

Hexachlorobutadiene

Concen: 40.651 ug/l

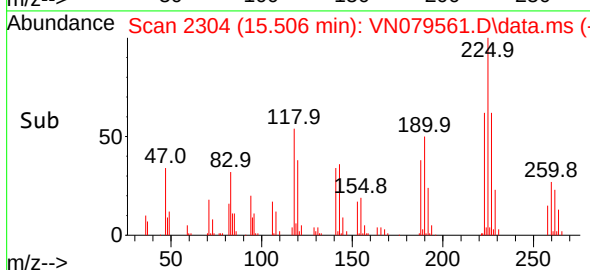
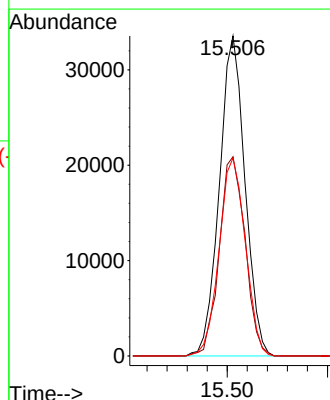
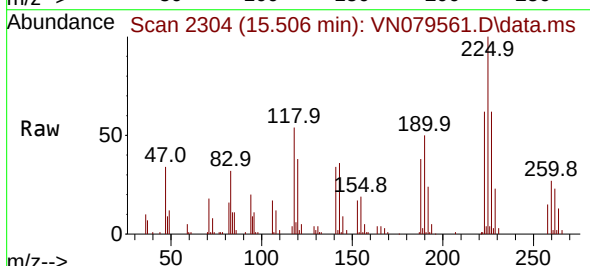
RT: 15.506 min Scan# 2304

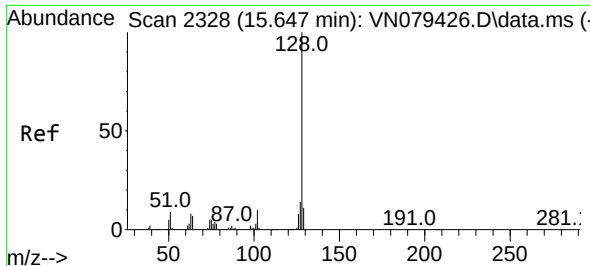
Delta R.T. 0.000 min

Lab File: VN079561.D

Acq: 12 Oct 2023 21:35

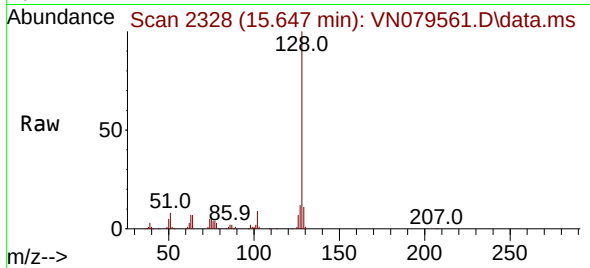
Tgt Ion:	225	Resp:	59510
Ion Ratio	Lower	Upper	
225	100		
223	62.8	31.3	93.8
227	63.2	31.9	95.9





#95
Naphthalene
Concen: 39.961 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35

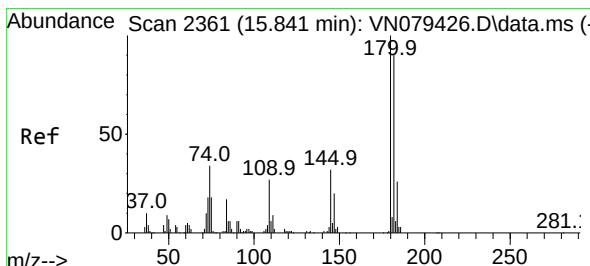
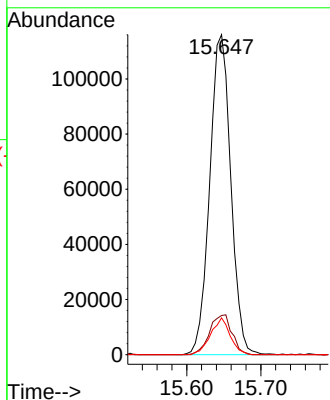
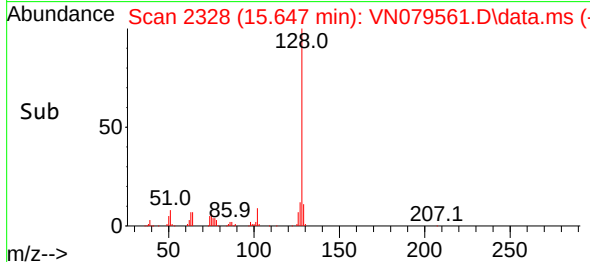
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



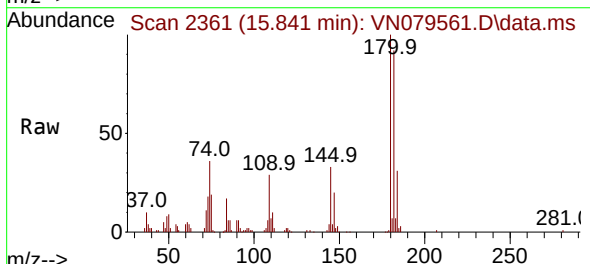
Tgt Ion:128 Resp: 22936
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 41.772 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079561.D
Acq: 12 Oct 2023 21:35



Tgt Ion:180 Resp: 93694
Ion Ratio Lower Upper
180 100
182 94.5 46.2 138.6
145 32.5 17.5 52.6

