

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079537.D
 Acq On : 12 Oct 2023 11:39
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 13 01:15:39 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	265831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	467323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	429726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	236442	54.856	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.720%			
35) Dibromofluoromethane	8.171	113	183262	54.569	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.140%			
50) Toluene-d8	10.571	98	691335	56.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.780%#			
62) 4-Bromofluorobenzene	12.853	95	220976	56.665	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	163193	42.841	ug/l	98
3) Chloromethane	2.365	50	194127	40.843	ug/l	97
4) Vinyl Chloride	2.518	62	211142	42.708	ug/l	99
5) Bromomethane	2.936	94	122501	41.391	ug/l	98
6) Chloroethane	3.112	64	139314	37.377	ug/l	100
7) Trichlorofluoromethane	3.495	101	255355	43.746	ug/l	95
8) Diethyl Ether	3.965	74	95184	45.740	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	145952	42.787	ug/l	99
10) Methyl Iodide	4.589	142	166433	56.227	ug/l	100
11) Tert butyl alcohol	5.524	59	146210	225.381	ug/l	100
12) 1,1-Dichloroethene	4.342	96	136333	43.407	ug/l #	82
13) Acrolein	4.183	56	131120	202.988	ug/l	95
14) Allyl chloride	5.024	41	214713	42.362	ug/l	91
15) Acrylonitrile	5.724	53	428628	227.901	ug/l	99
16) Acetone	4.430	43	403165	235.826	ug/l	93
17) Carbon Disulfide	4.712	76	384628	39.260	ug/l	99
18) Methyl Acetate	5.024	43	346141	41.367	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	472612	46.311	ug/l	95
20) Methylene Chloride	5.283	84	167683	44.727	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	153469	41.836	ug/l	86
22) Diisopropyl ether	6.677	45	533546	46.945	ug/l #	90
23) Vinyl Acetate	6.606	43	1515941	237.123	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	308295	44.322	ug/l	97
25) 2-Butanone	7.489	43	582821	229.693	ug/l #	80
26) 2,2-Dichloropropane	7.500	77	237870	44.748	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	182664	45.836	ug/l	87
28) Bromochloromethane	7.818	49	144623	43.699	ug/l #	74
29) Tetrahydrofuran	7.841	42	380343	231.768	ug/l #	76
30) Chloroform	7.971	83	314466	44.745	ug/l	94
31) Cyclohexane	8.265	56	246578	40.330	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	264551	44.730	ug/l	94
36) 1,1-Dichloropropene	8.377	75	229655	45.563	ug/l	94
37) Ethyl Acetate	7.565	43	241478	48.147	ug/l #	90
38) Carbon Tetrachloride	8.365	117	224751	44.541	ug/l	97
39) Methylcyclohexane	9.606	83	210968	43.565	ug/l #	87
40) Benzene	8.612	78	688063	45.965	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	117776	44.667	ug/l	87
42) 1,2-Dichloroethane	8.677	62	255334	46.943	ug/l	97
43) Isopropyl Acetate	8.694	43	388952	44.266	ug/l #	88
44) Trichloroethene	9.359	130	157250	44.632	ug/l	99
45) 1,2-Dichloropropane	9.630	63	187079	47.433	ug/l	97
46) Dibromomethane	9.712	93	122608	47.999	ug/l	96
47) Bromodichloromethane	9.894	83	246613	46.934	ug/l	96
48) Methyl methacrylate	9.683	41	176868	46.973	ug/l #	82
49) 1,4-Dioxane	9.694	88	67186	968.726	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1212290	244.407	ug/l	89
52) Toluene	10.635	92	420820	47.759	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	254269	48.019	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	280411	48.375	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	166656	47.111	ug/l	97
56) Ethyl methacrylate	10.877	69	249564	51.341	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	294144	48.155	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	497035	266.996	ug/l #	88
59) 2-Hexanone	11.200	43	881747	246.349	ug/l	87
60) Dibromochloromethane	11.365	129	176163	49.550	ug/l	100
61) 1,2-Dibromoethane	11.471	107	162918	46.408	ug/l	98
64) Tetrachloroethene	11.106	164	128799	43.569	ug/l	94
65) Chlorobenzene	11.894	112	424478	44.355	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	164259	46.877	ug/l	97
67) Ethyl Benzene	11.971	91	791527	47.585	ug/l	95
68) m/p-Xylenes	12.076	106	587605	97.224	ug/l	94
69) o-Xylene	12.400	106	283637	47.720	ug/l	93
70) Styrene	12.418	104	479188	51.040	ug/l	99
71) Bromoform	12.582	173	117328	45.750	ug/l #	99
73) Isopropylbenzene	12.700	105	723618	42.014	ug/l	98
74) N-amyl acetate	12.500	43	312703	44.286	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	252704	45.344	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	221205m	41.441	ug/l	
77) Bromobenzene	12.982	156	170640	40.406	ug/l	94
78) n-propylbenzene	13.041	91	855620	43.908	ug/l	97
79) 2-Chlorotoluene	13.129	91	513427	41.174	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	592154	43.600	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	70708	38.435	ug/l #	72
82) 4-Chlorotoluene	13.223	91	507843	42.799	ug/l	98
83) tert-Butylbenzene	13.441	119	469720	42.213	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	594042	45.832	ug/l	100
85) sec-Butylbenzene	13.618	105	657766	42.379	ug/l	100
86) p-Isopropyltoluene	13.735	119	541459	45.475	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	296555	44.274	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	280064	40.493	ug/l	99
89) n-Butylbenzene	14.059	91	427779	44.990	ug/l	97
90) Hexachloroethane	14.335	117	106288	43.841	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	286208	43.805	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39664	39.826	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	90286	44.617	ug/l	98
94) Hexachlorobutadiene	15.506	225	60389	38.317	ug/l	98
95) Naphthalene	15.647	128	249264	40.339	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	95981	39.747	ug/l	98

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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

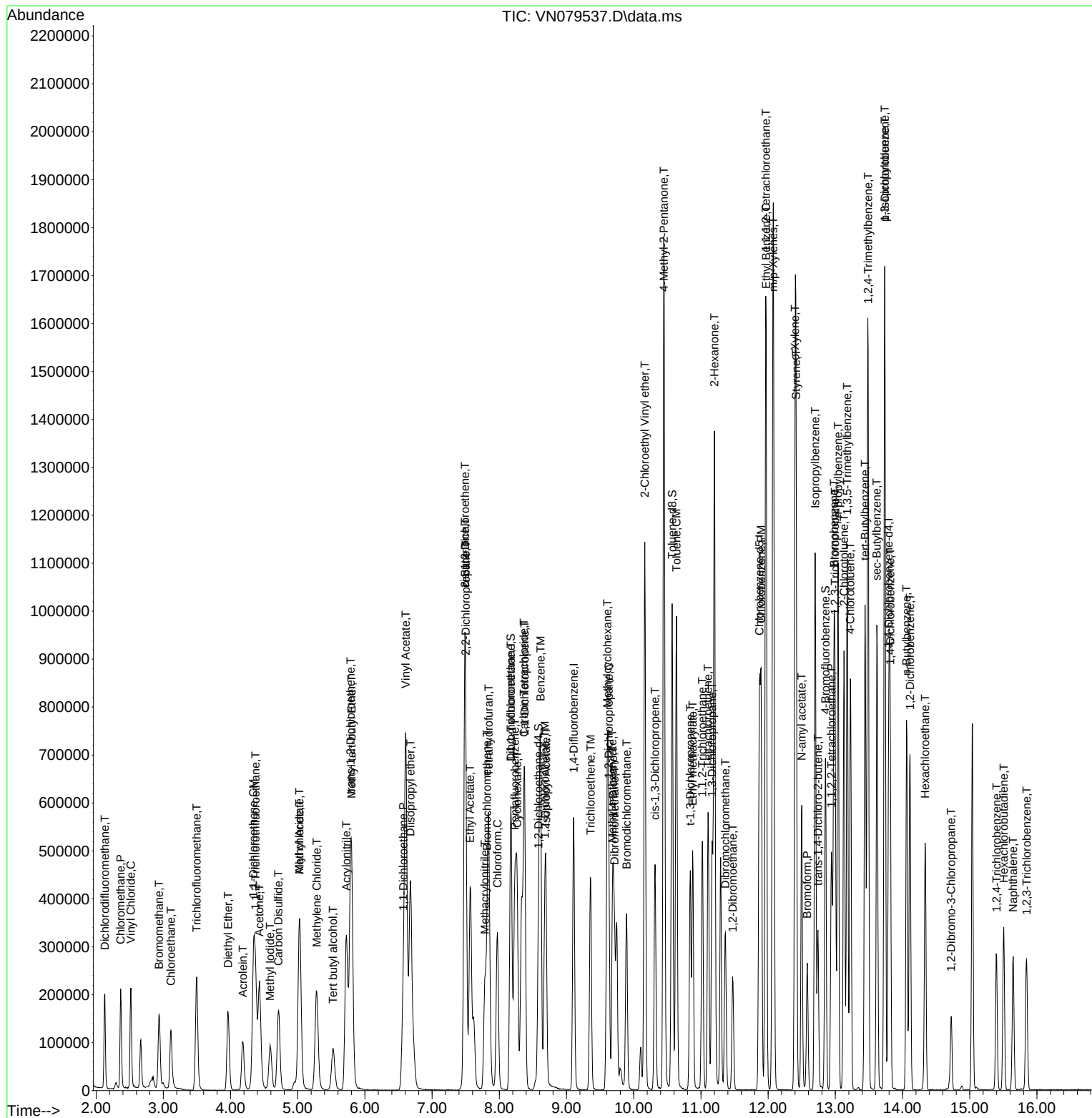
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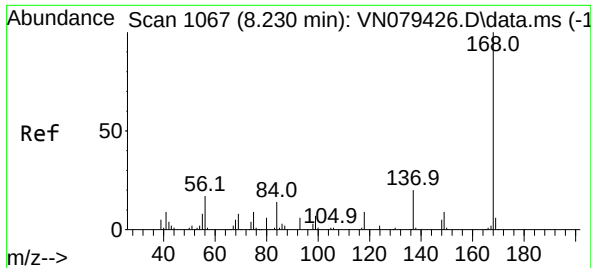
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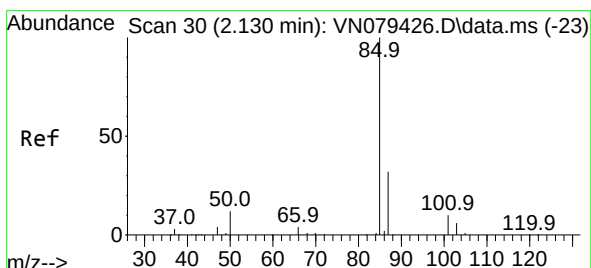
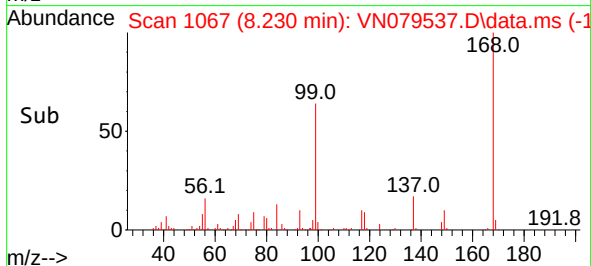
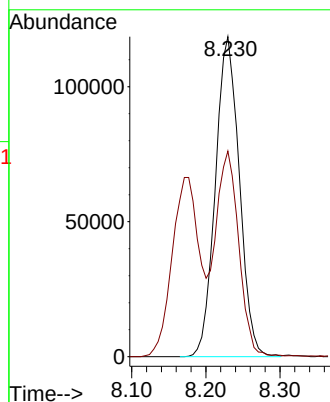
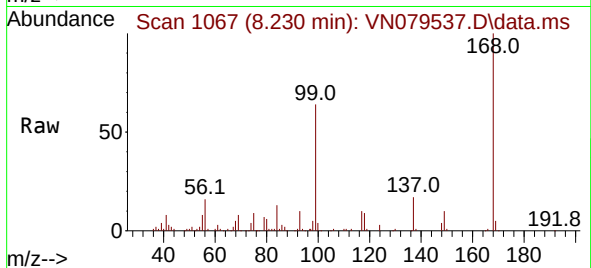
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079537.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 26583
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

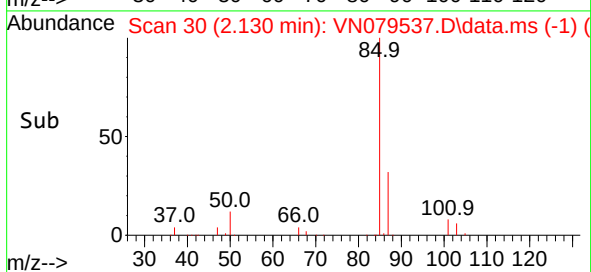
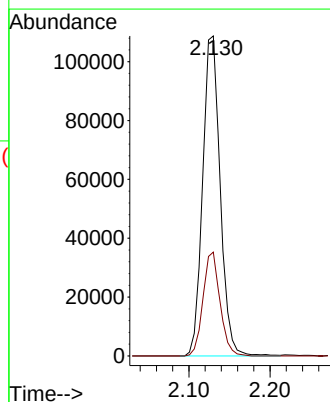
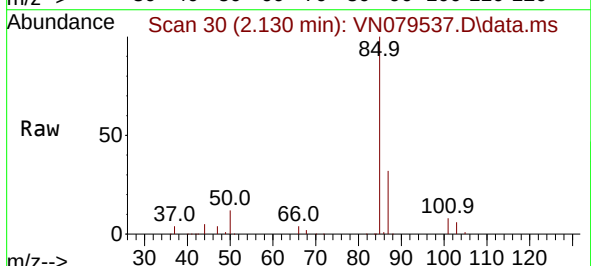
Manual Integrations
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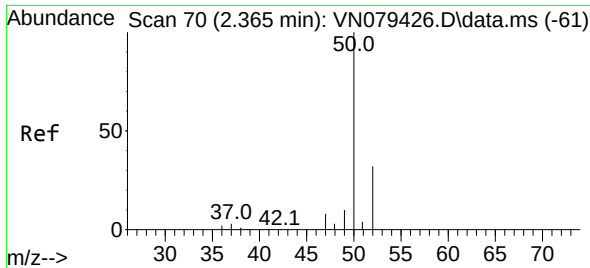
Reviewed By :John Carlone 10/13/2023
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#2
Dichlorodifluoromethane
Concen: 42.841 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

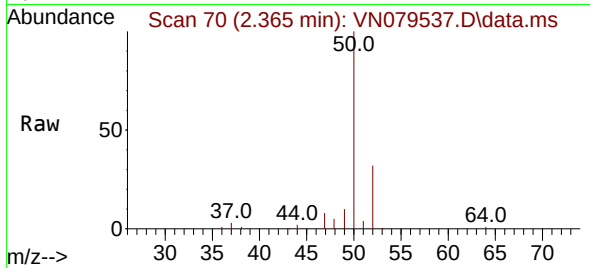
Tgt Ion: 85 Resp: 163193
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





#3
Chloromethane
Concen: 40.843 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

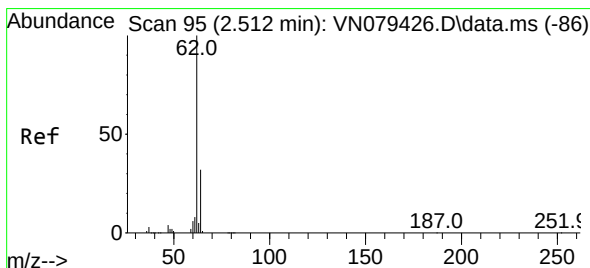
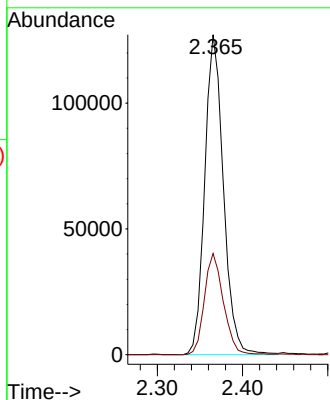
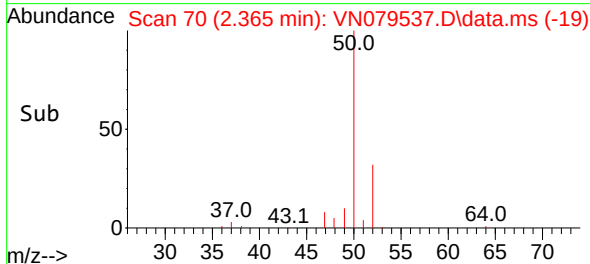
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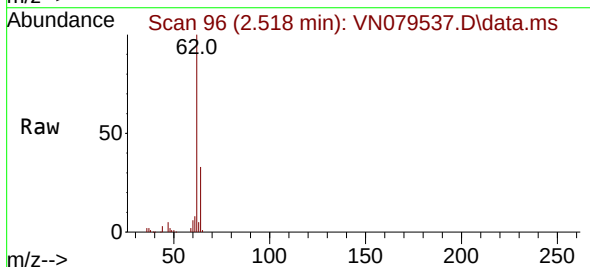
Tgt Ion: 50 Resp: 19412
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

Manual Integrations
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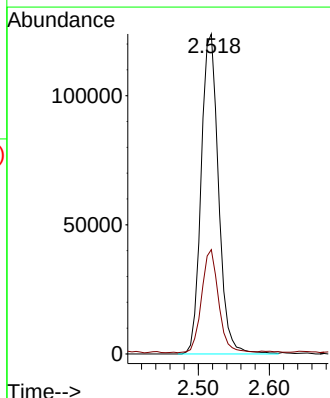
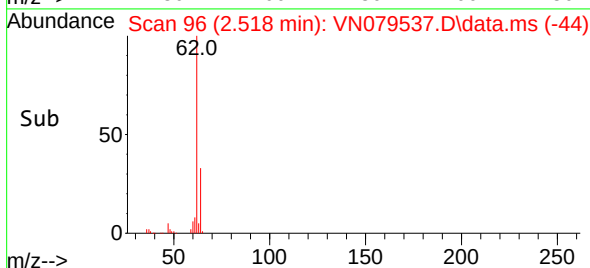
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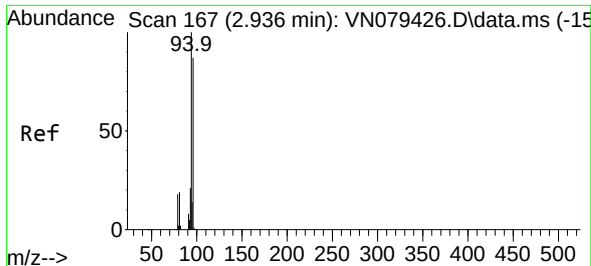


#4
Vinyl Chloride
Concen: 42.708 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



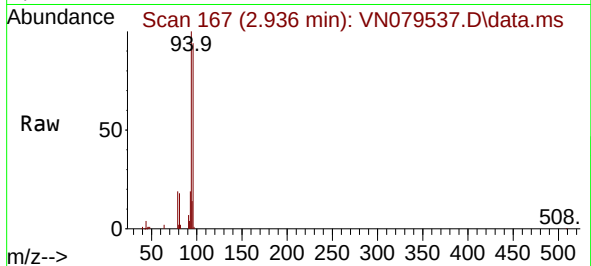
Tgt Ion: 62 Resp: 211142
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





#5
Bromomethane
Concen: 41.391 ug/l
RT: 2.936 min Scan# 167
Delta R.T. 0.000 min
Lab File: VN079537.D
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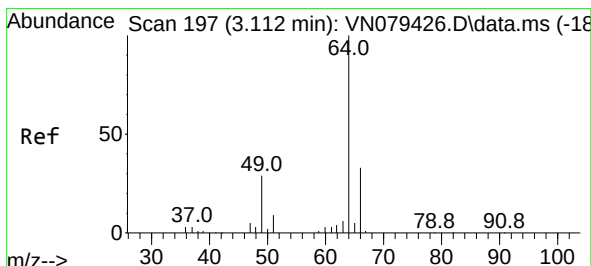
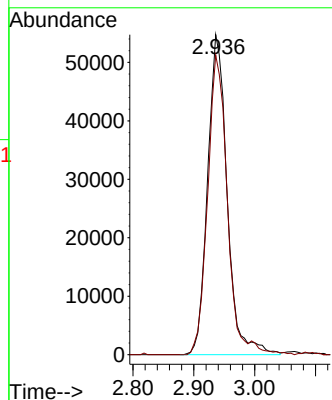
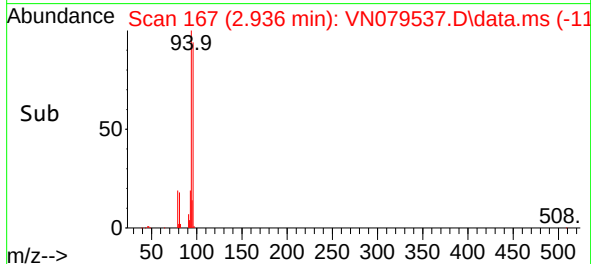
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Tgt Ion: 94 Resp: 12250
Ion Ratio Lower Upper
94 100
96 93.6 73.1 109.7

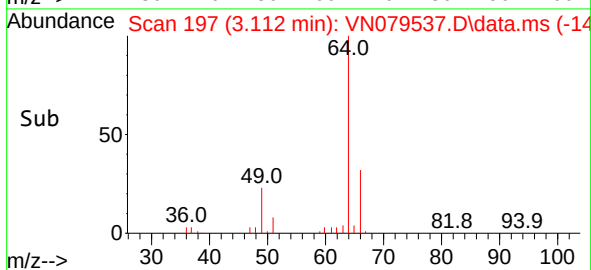
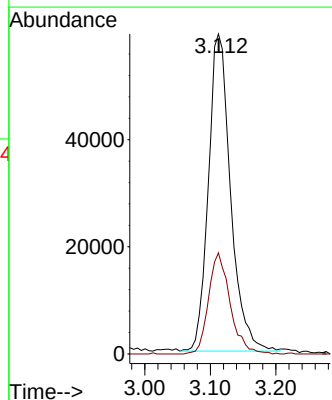
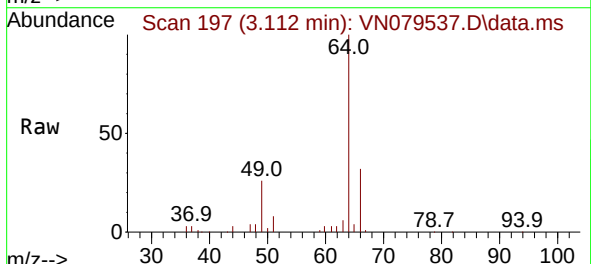
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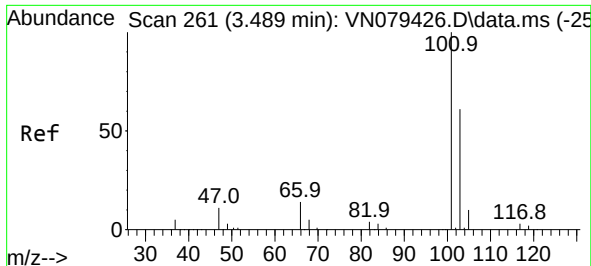
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#6
Chloroethane
Concen: 37.377 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079537.D
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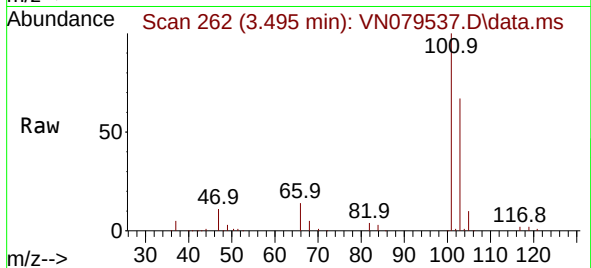
Tgt Ion: 64 Resp: 139314
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 43.746 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

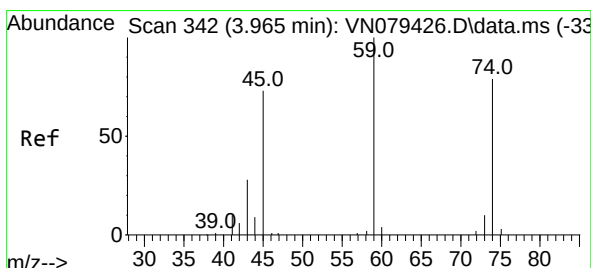
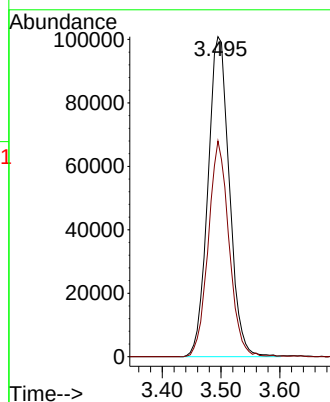
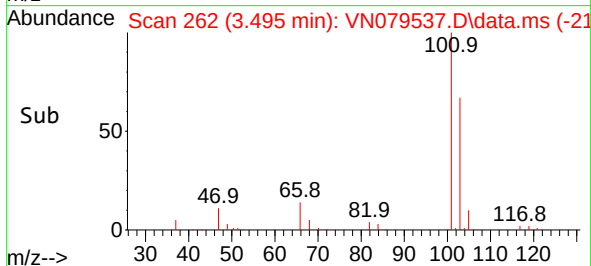
Instrument :
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Tgt Ion:101 Resp: 25535
Ion Ratio Lower Upper
101 100
103 67.4 50.7 76.1

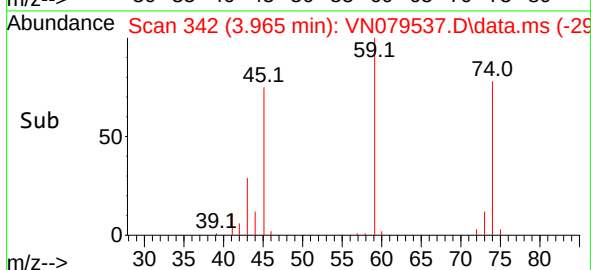
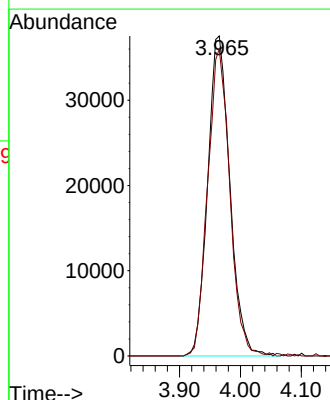
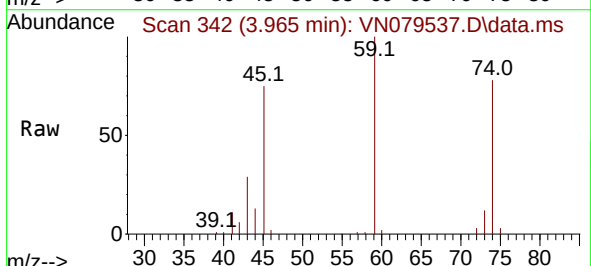
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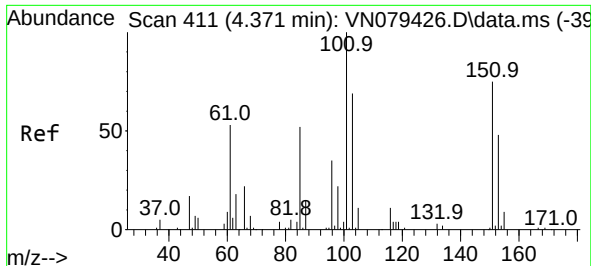
Reviewed By :John Carlone 10/13/2023
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#8
Diethyl Ether
Concen: 45.740 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Tgt Ion: 74 Resp: 95184
Ion Ratio Lower Upper
74 100
45 95.5 34.4 103.3





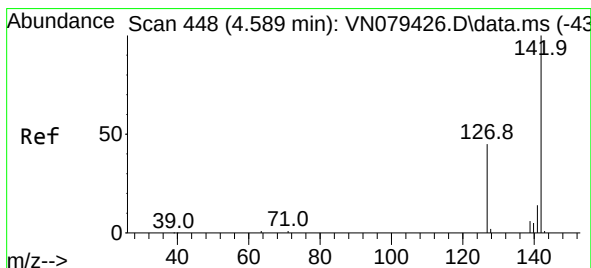
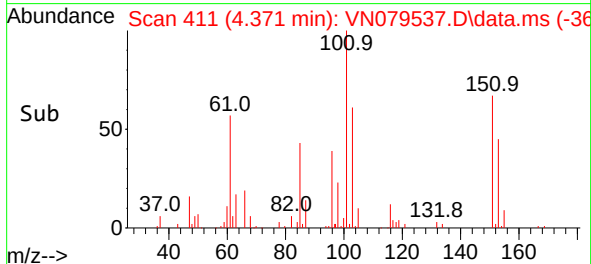
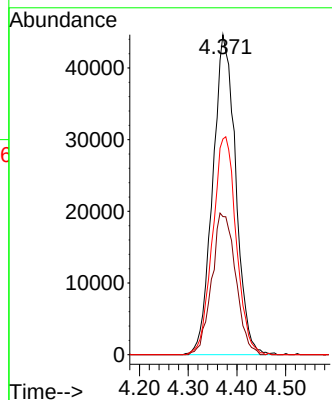
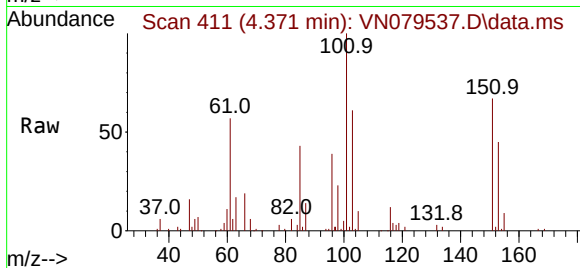
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.787 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 145952
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 70.2 57.6 86.4

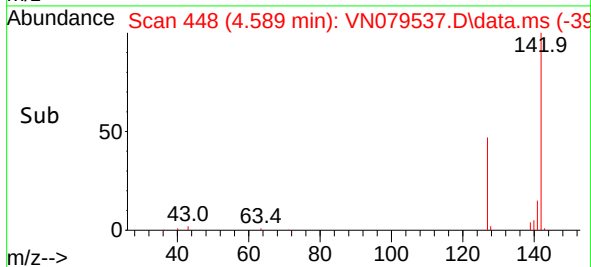
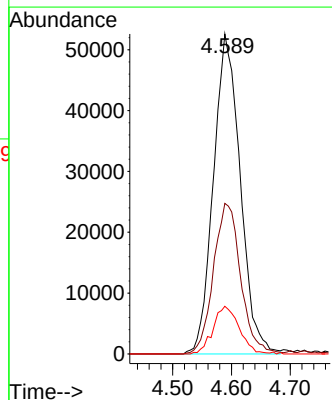
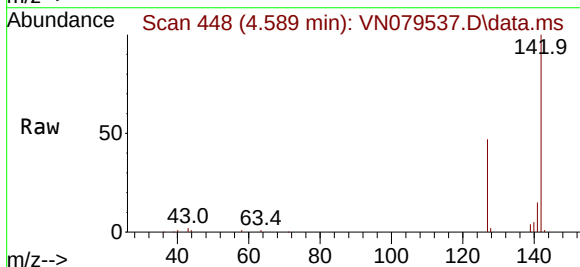
Manual Integrations
APPROVED

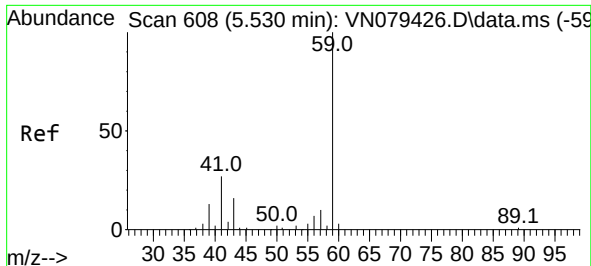
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#10
Methyl Iodide
Concen: 56.227 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Tgt Ion:142 Resp: 166433
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 14.9 11.4 17.0





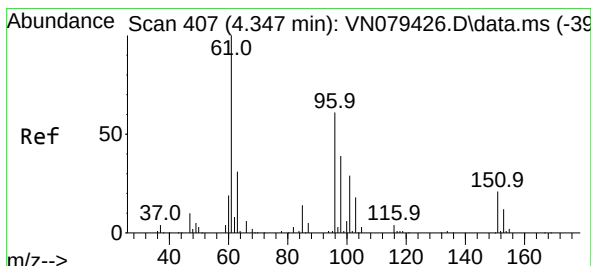
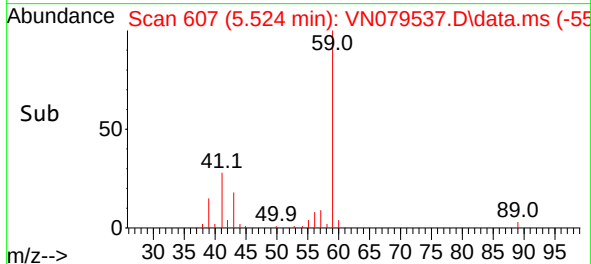
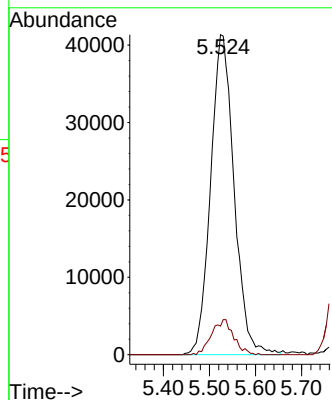
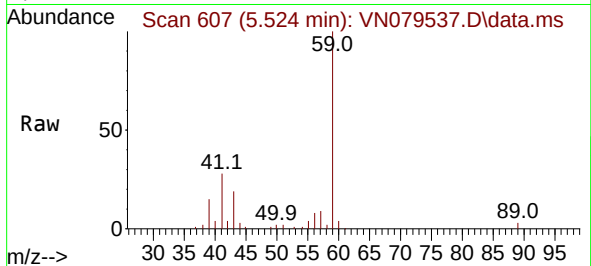
#11
Tert butyl alcohol
Concen: 225.381 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 146210
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

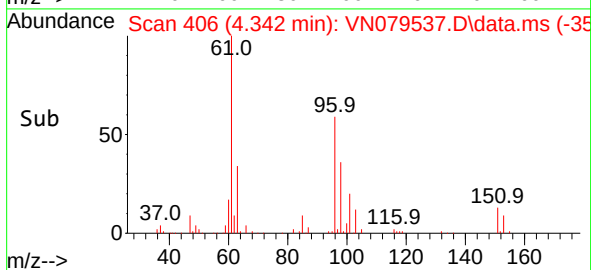
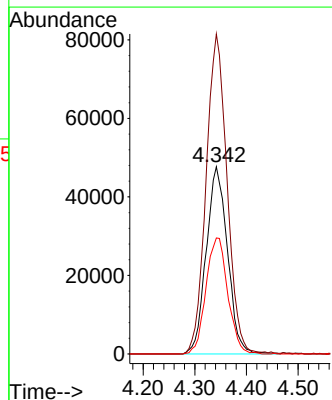
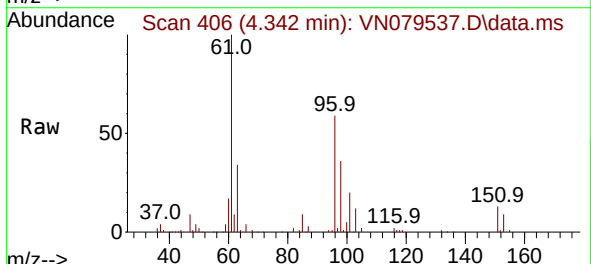
Manual Integrations
APPROVED

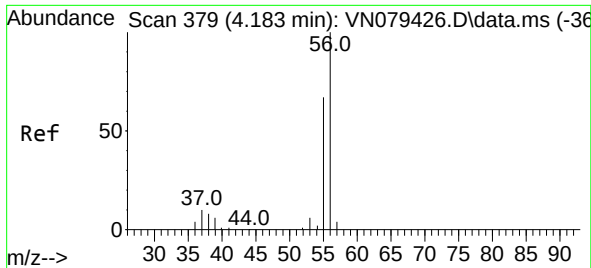
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#12
1,1-Dichloroethene
Concen: 43.407 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

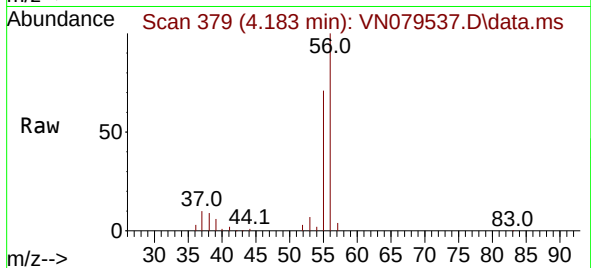
Tgt Ion: 96 Resp: 136333
Ion Ratio Lower Upper
96 100
61 170.9 112.7 169.1#
98 61.9 51.2 76.8





#13
Acrolein
Concen: 202.988 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

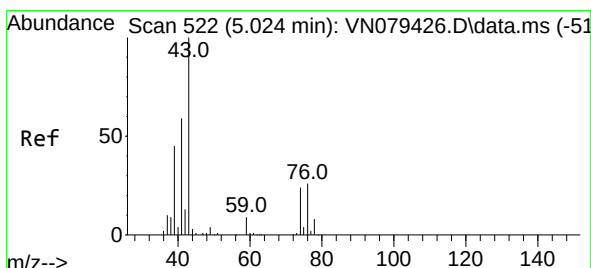
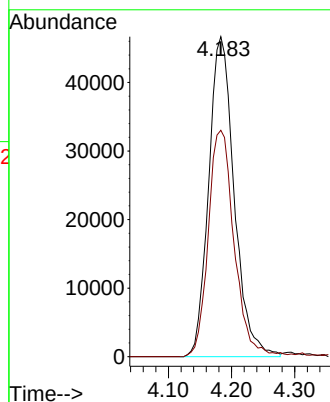
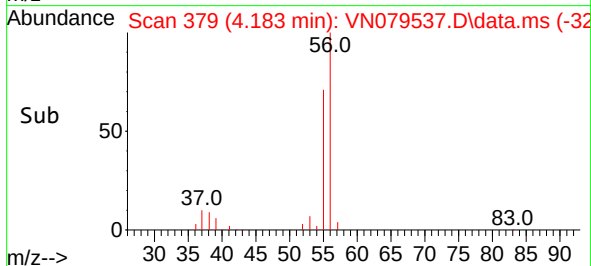
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 131120
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7

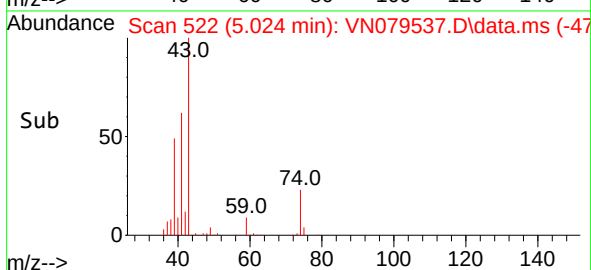
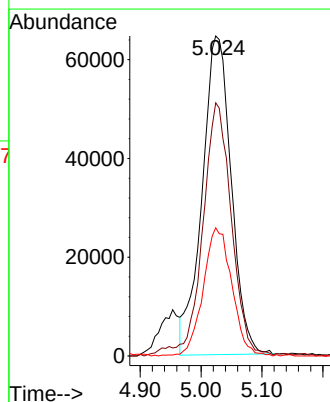
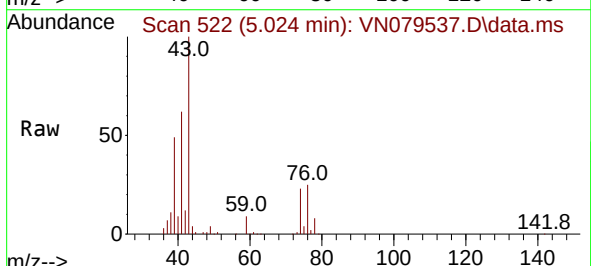
Manual Integrations
APPROVED

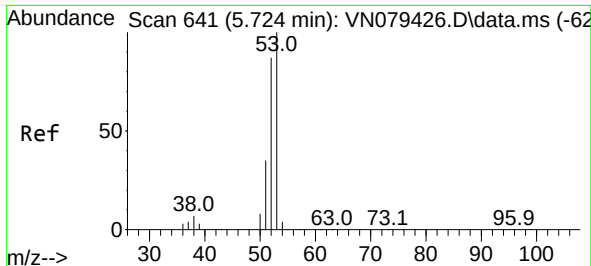
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#14
Allyl chloride
Concen: 42.362 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

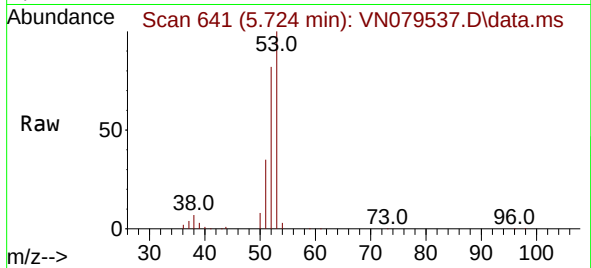
Tgt Ion: 41 Resp: 214713
Ion Ratio Lower Upper
41 100
39 78.5 58.8 88.2
76 39.5 39.1 58.7





#15
Acrylonitrile
Concen: 227.901 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

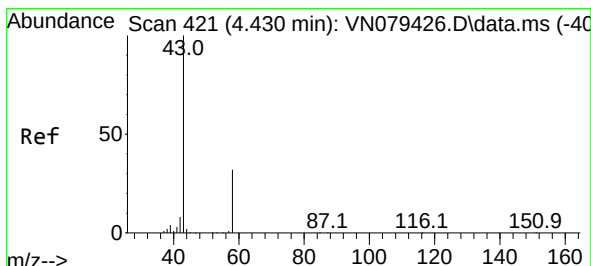
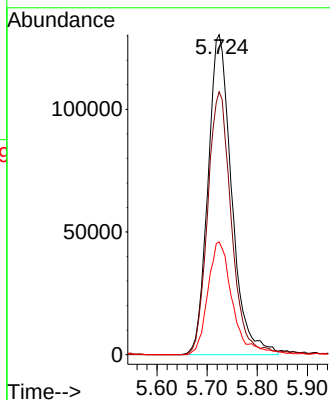
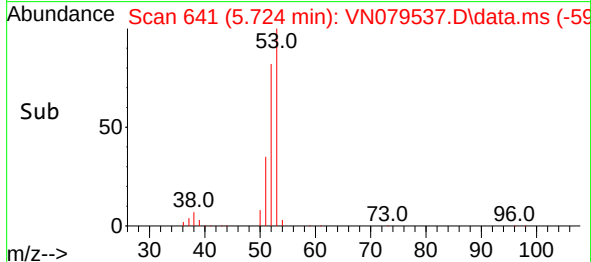
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



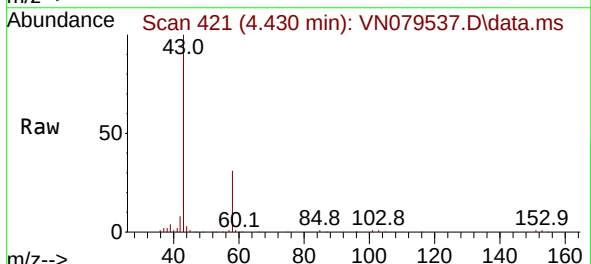
Tgt Ion: 53 Resp: 428628
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.7 28.9 43.3

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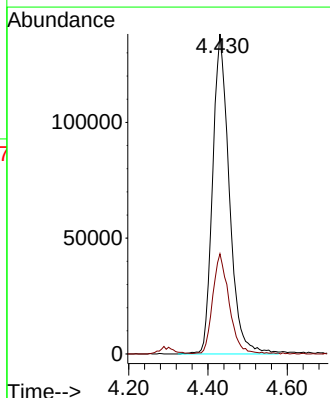
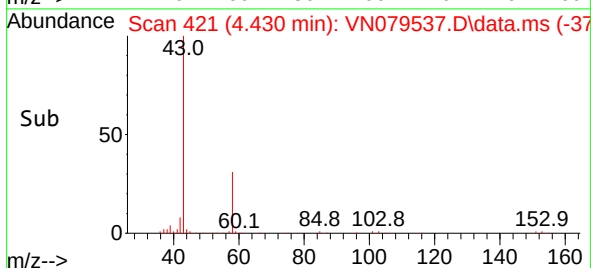
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

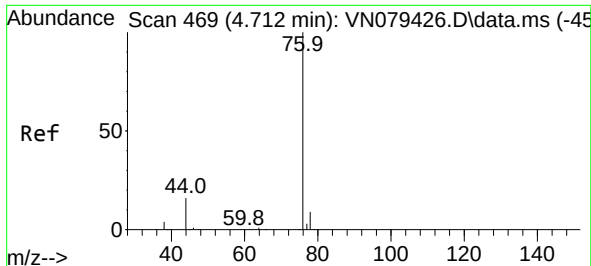


#16
Acetone
Concen: 235.826 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



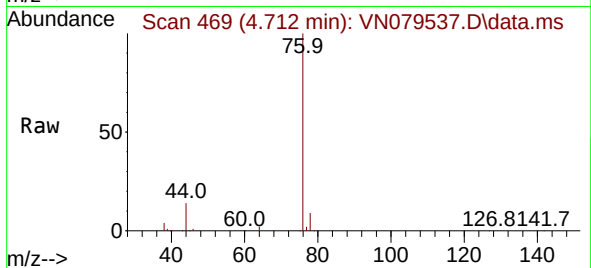
Tgt Ion: 43 Resp: 403165
Ion Ratio Lower Upper
43 100
58 31.0 28.0 42.0





#17
Carbon Disulfide
Concen: 39.260 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

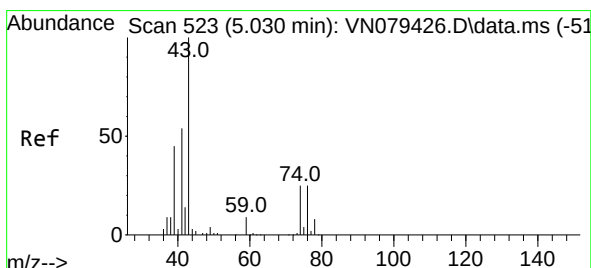
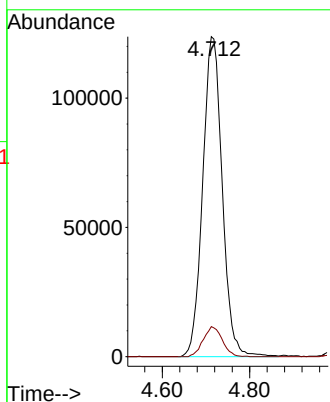
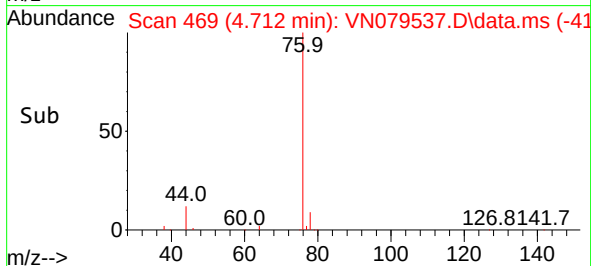
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



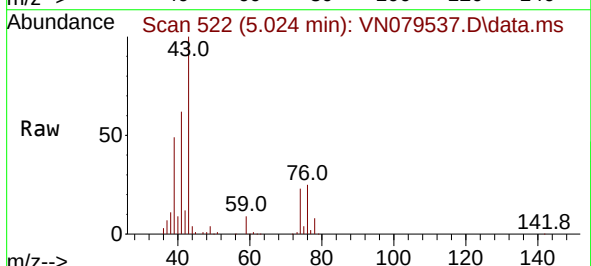
Tgt Ion: 76 Resp: 384628
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

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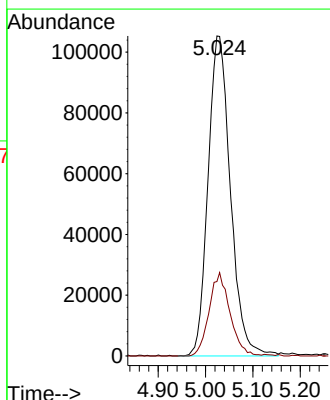
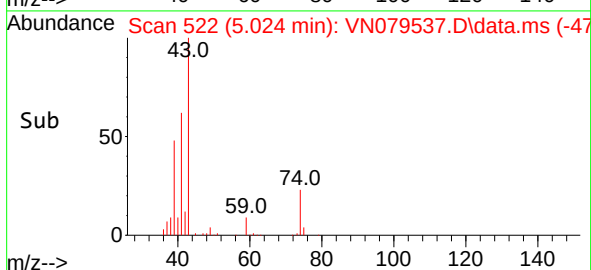
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

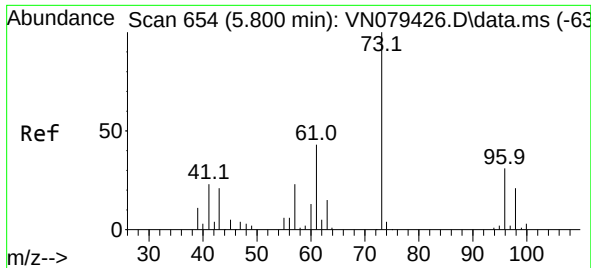


#18
Methyl Acetate
Concen: 41.367 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion: 43 Resp: 346141
Ion Ratio Lower Upper
43 100
74 24.2 26.2 39.4#





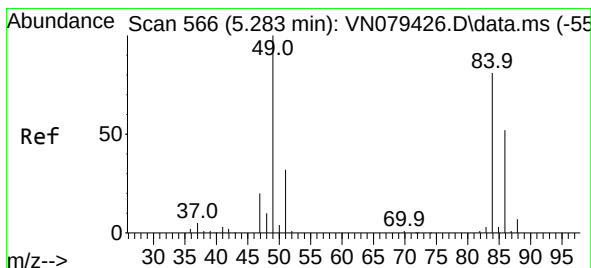
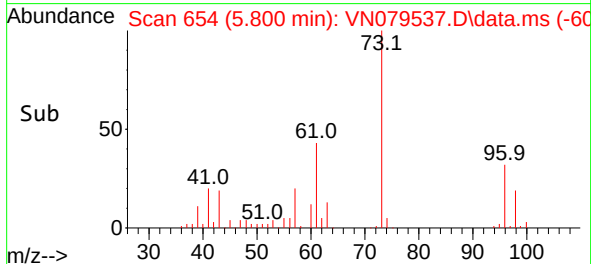
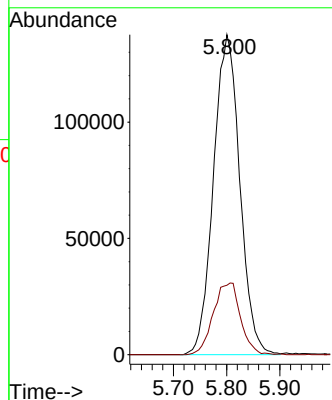
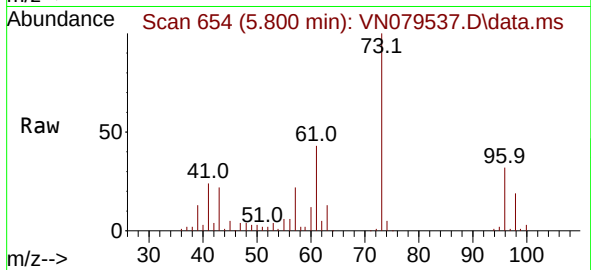
#19
Methyl tert-butyl Ether
Concen: 46.311 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 47261
Ion Ratio Lower Upper
73 100
57 21.7 15.6 23.4

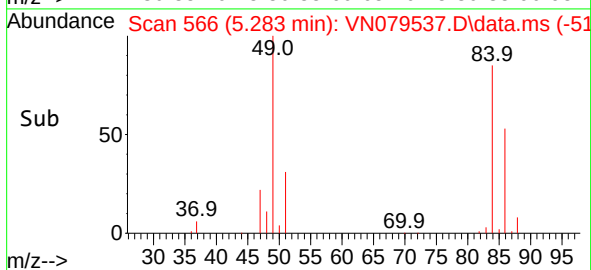
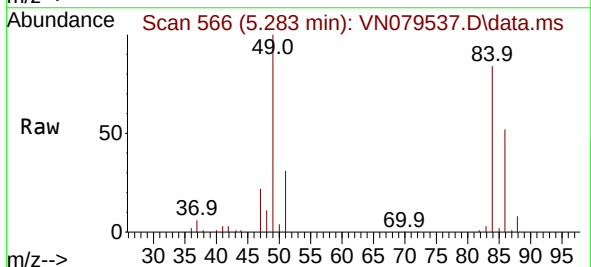
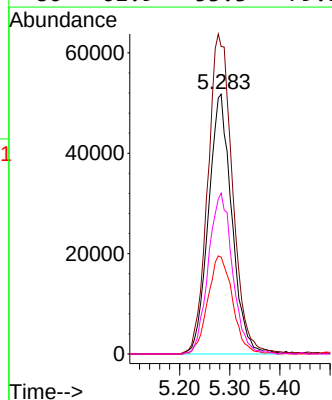
Manual Integrations
APPROVED

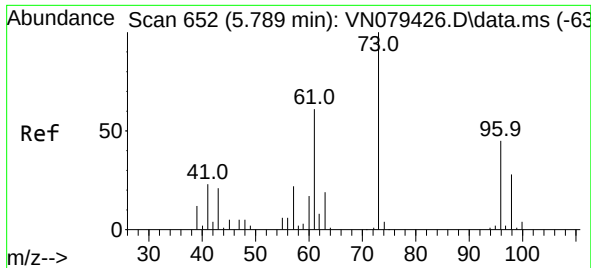
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#20
Methylene Chloride
Concen: 44.727 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

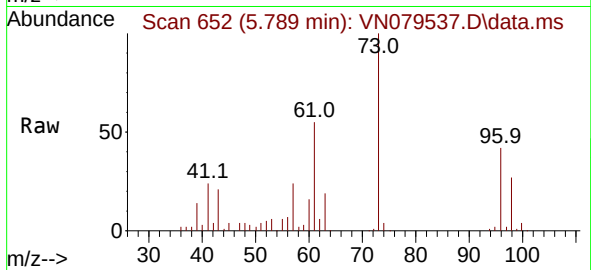
Tgt Ion: 84 Resp: 167683
Ion Ratio Lower Upper
84 100
49 118.4 79.7 119.5
51 37.3 25.2 37.8
86 61.9 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 41.836 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

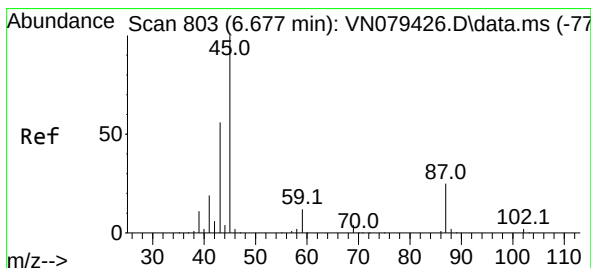
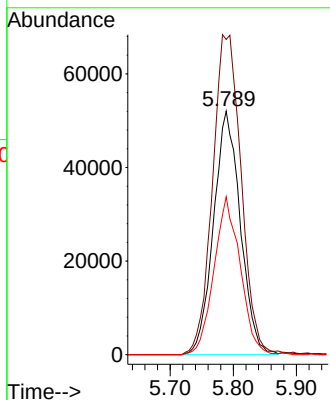
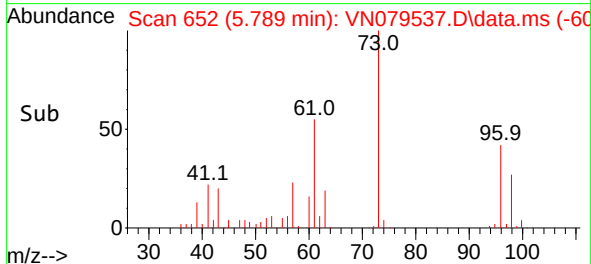
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



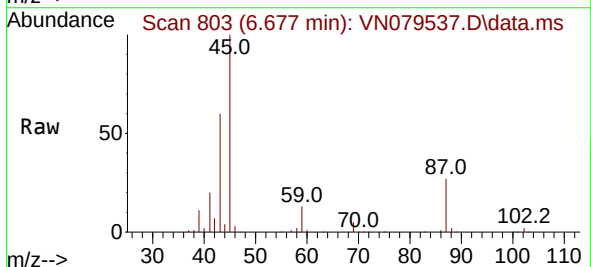
Tgt Ion: 96 Resp: 153469
Ion Ratio Lower Upper
96 100
61 129.5 90.1 135.1
98 64.9 46.4 69.6

Manual Integrations
APPROVED

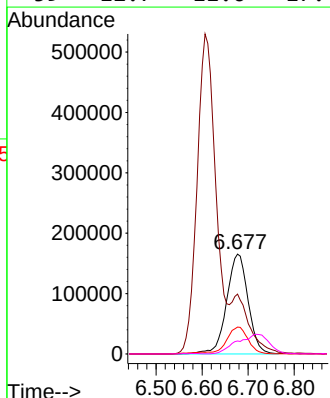
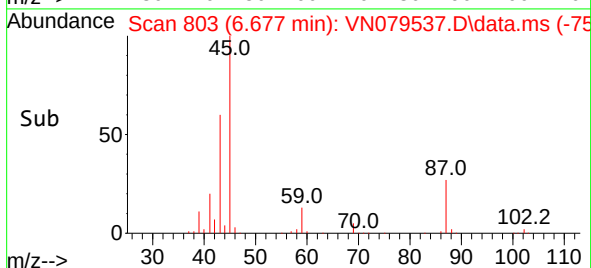
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

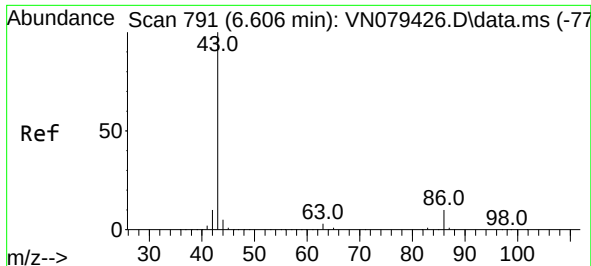


#22
Diisopropyl ether
Concen: 46.945 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion: 45 Resp: 533546
Ion Ratio Lower Upper
45 100
43 58.9 45.5 68.3
87 26.8 31.8 47.8#
59 12.7 11.6 17.4





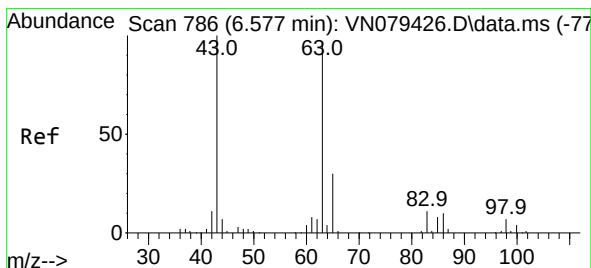
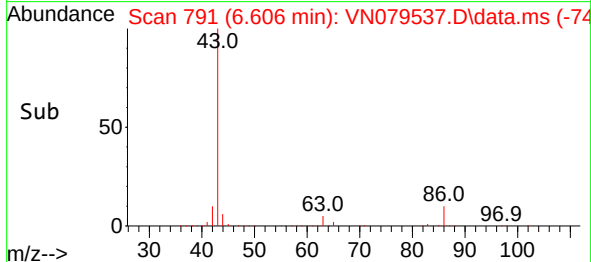
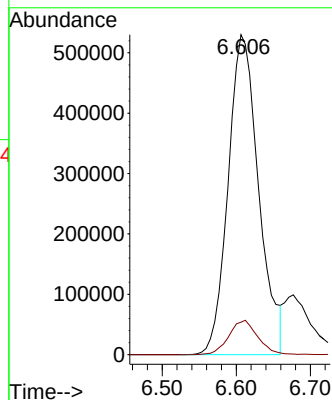
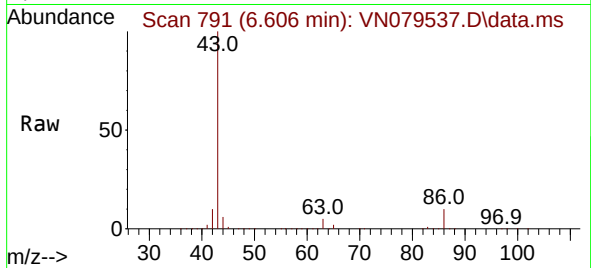
#23
 Vinyl Acetate
 Concen: 237.123 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 151594
 Ion Ratio Lower Upper
 43 100
 86 10.2 13.0 19.6

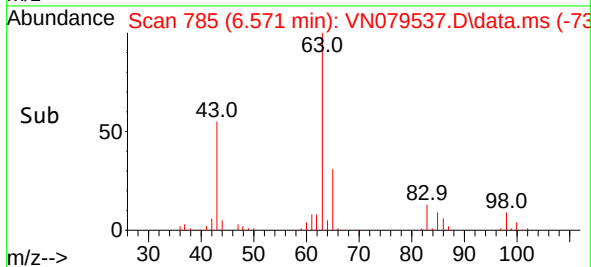
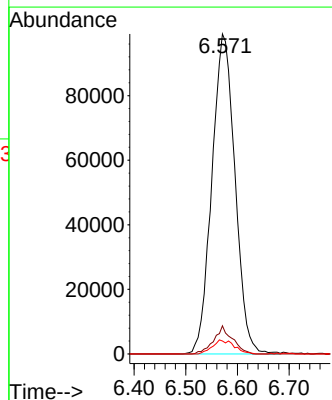
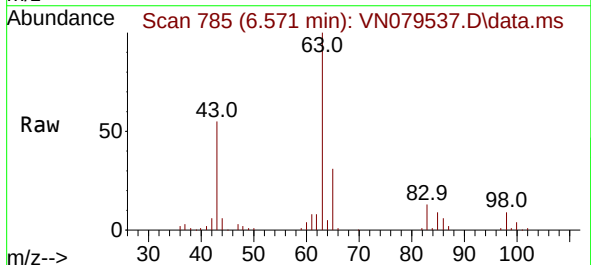
Manual Integrations
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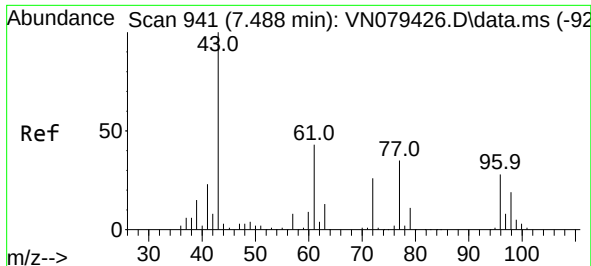
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#24
 1,1-Dichloroethane
 Concen: 44.322 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

Tgt Ion: 63 Resp: 308295
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.1 2.5 7.4





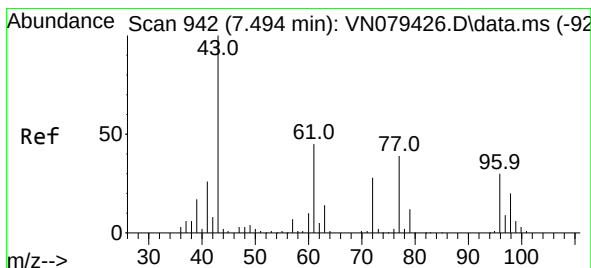
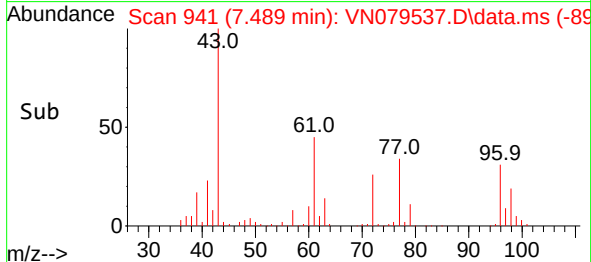
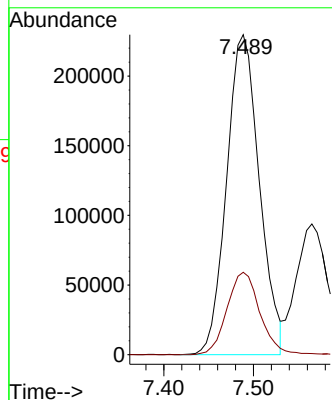
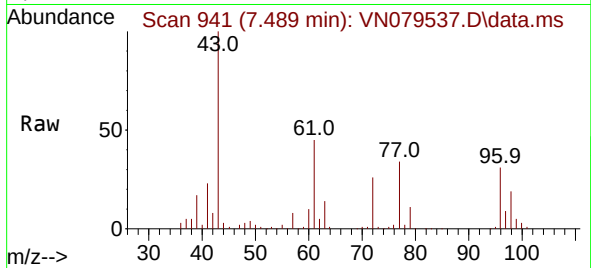
#25
2-Butanone
Concen: 229.693 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 58282
Ion Ratio Lower Upper
43 100
72 25.7 30.2 45.2

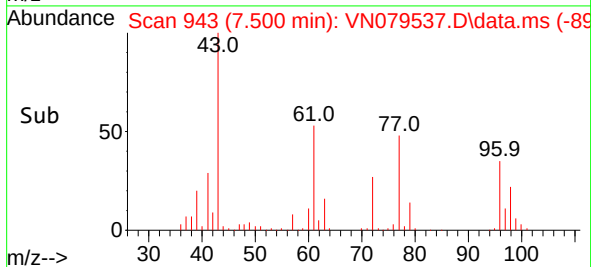
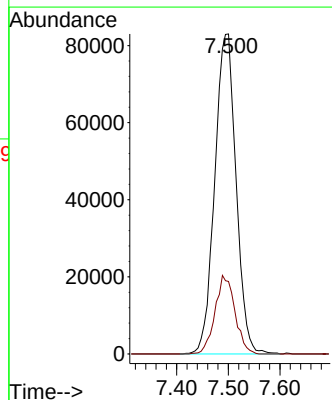
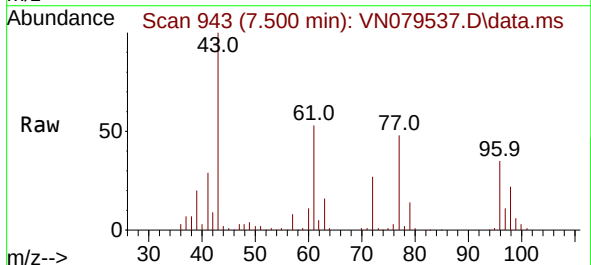
Manual Integrations
APPROVED

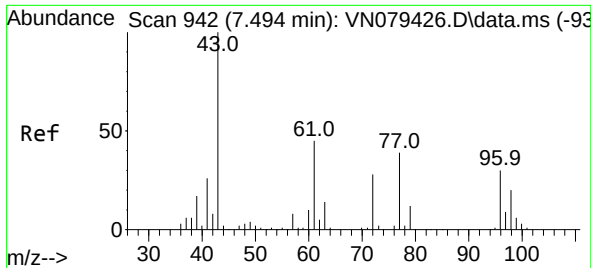
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#26
2,2-Dichloropropane
Concen: 44.748 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

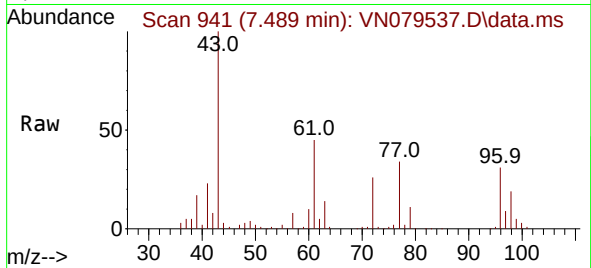
Tgt Ion: 77 Resp: 237870
Ion Ratio Lower Upper
77 100
97 22.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 45.836 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

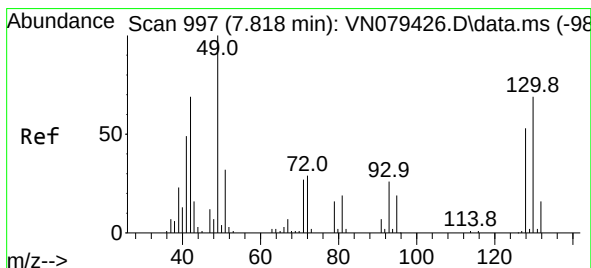
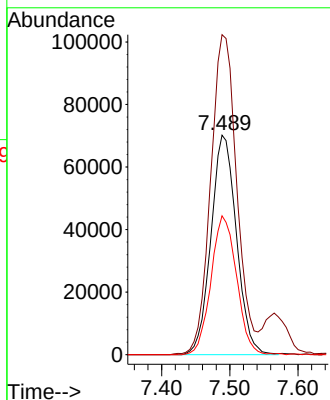
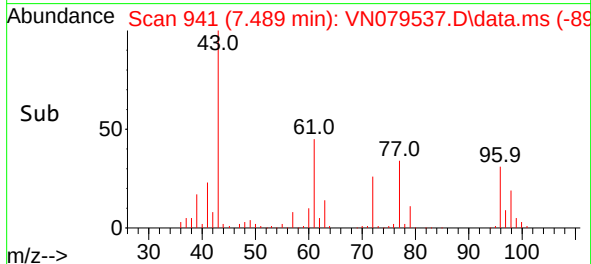
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 182664
 Ion Ratio Lower Upper
 96 100
 61 149.8 0.0 255.2
 98 63.5 0.0 128.8

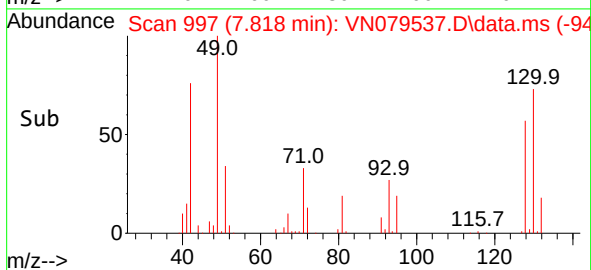
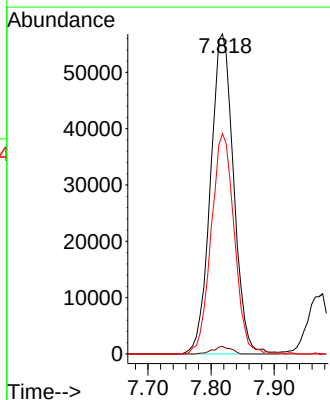
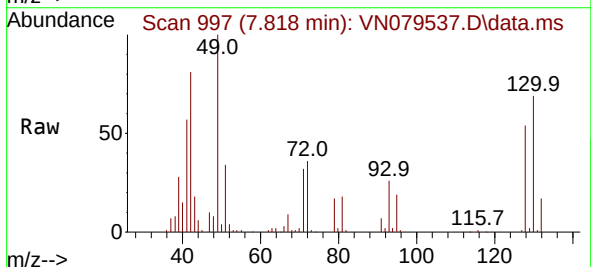
Manual Integrations
 APPROVED

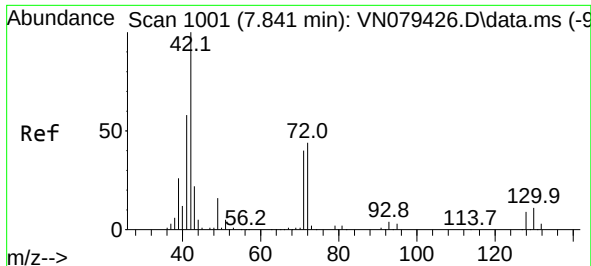
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#28
 Bromochloromethane
 Concen: 43.699 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

Tgt Ion: 49 Resp: 144623
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.8
 130 68.8 75.3 112.9#





#29

Tetrahydrofuran

Concen: 231.768 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 38034

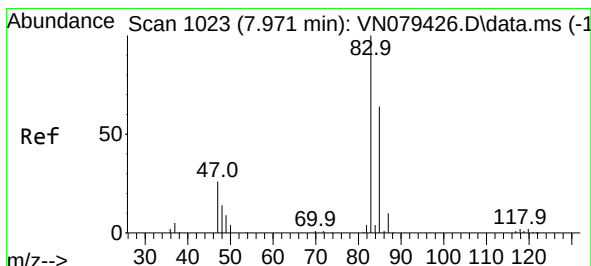
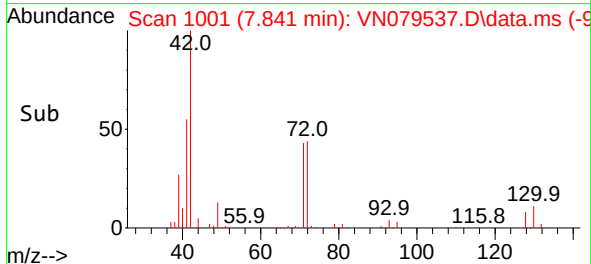
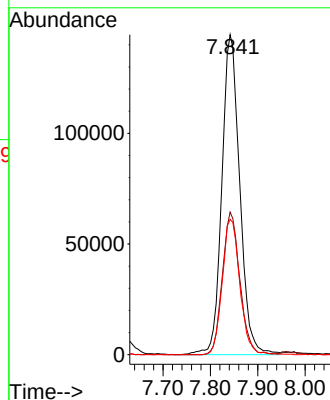
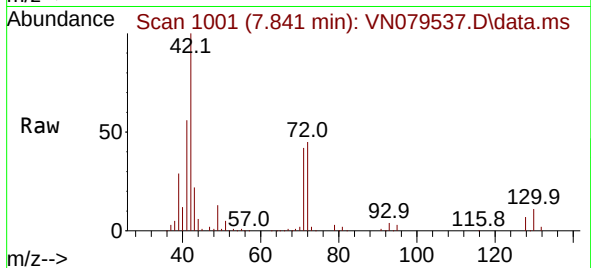
Ion	Ratio	Lower	Upper
42	100		
72	43.4	49.8	74.6
71	41.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#30

Chloroform

Concen: 44.745 ug/l

RT: 7.971 min Scan# 1023

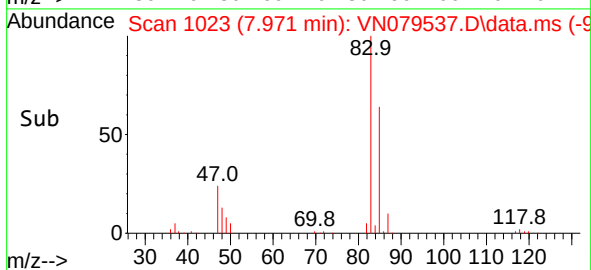
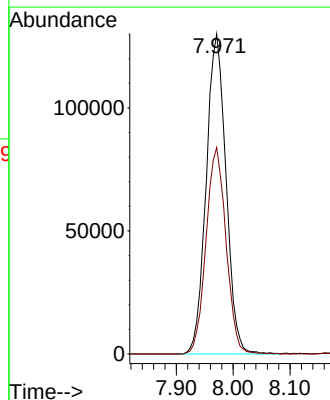
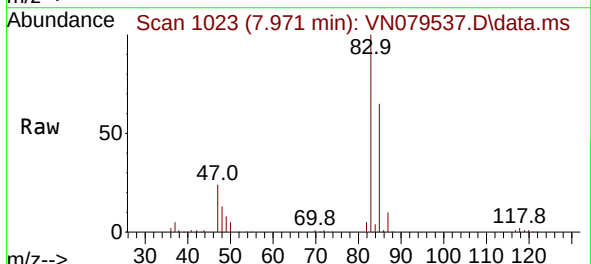
Delta R.T. 0.000 min

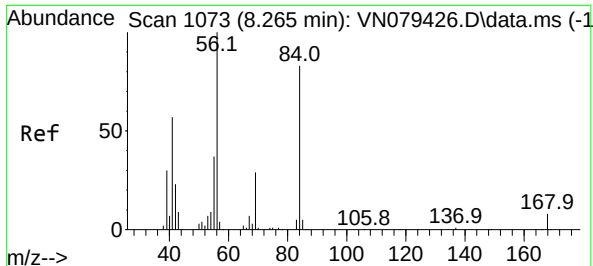
Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Tgt Ion: 83 Resp: 314466

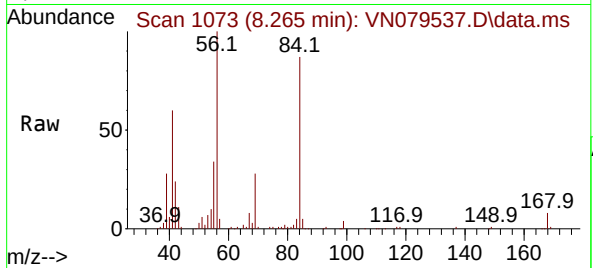
Ion	Ratio	Lower	Upper
83	100		
85	64.5	55.4	83.0





#31
Cyclohexane
Concen: 40.330 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

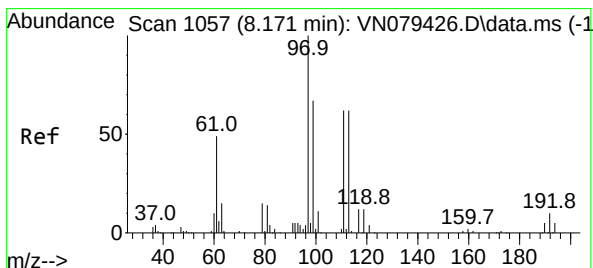
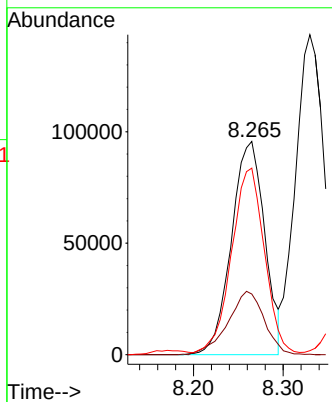
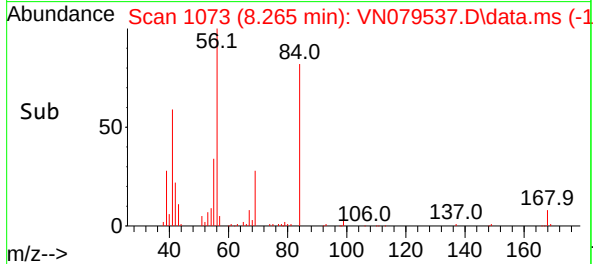
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



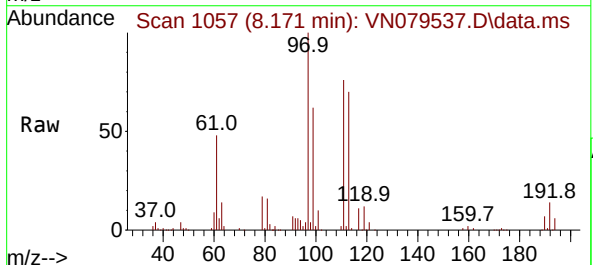
Tgt Ion: 56 Resp: 246578
Ion Ratio Lower Upper
56 100
69 28.4 26.8 40.2
84 85.7 81.8 122.6

Manual Integrations
APPROVED

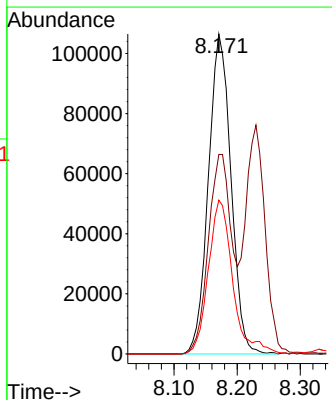
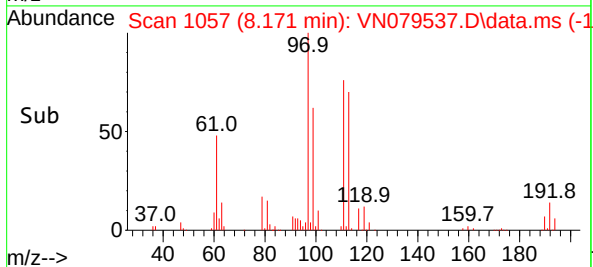
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

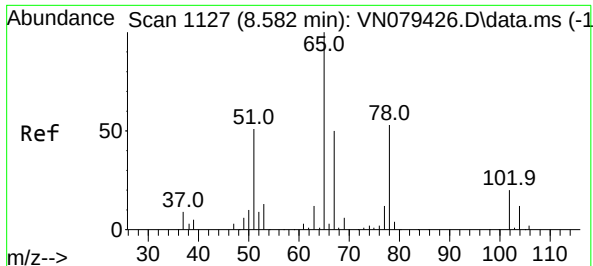


#32
1,1,1-Trichloroethane
Concen: 44.730 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion: 97 Resp: 264551
Ion Ratio Lower Upper
97 100
99 64.2 50.3 75.5
61 51.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.856 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 23644

Ion Ratio Lower Upper

65 100

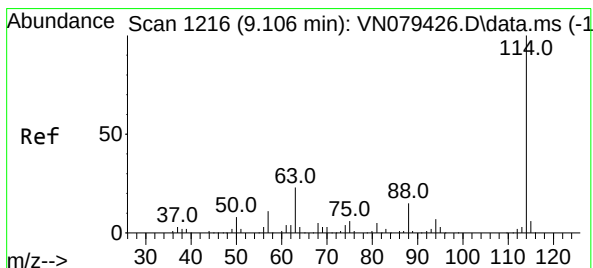
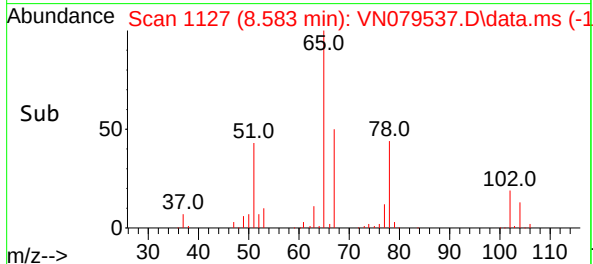
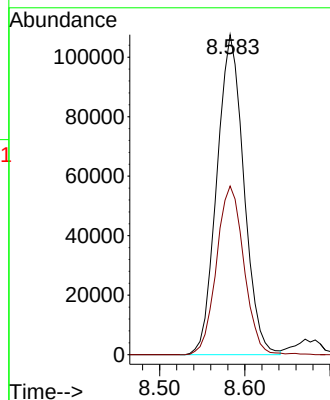
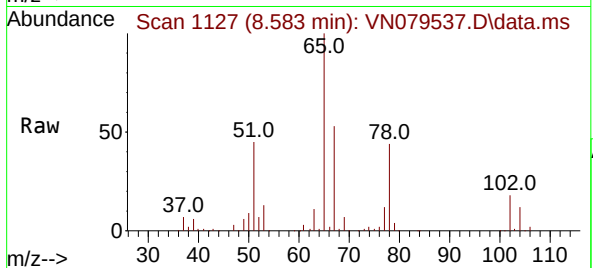
67 53.6 0.0 106.6

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: VN079537.D

Acq: 12 Oct 2023 11:39

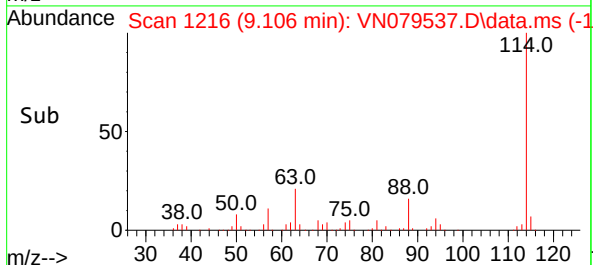
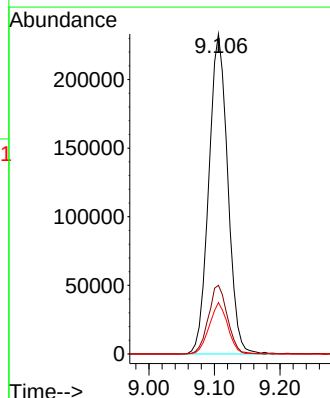
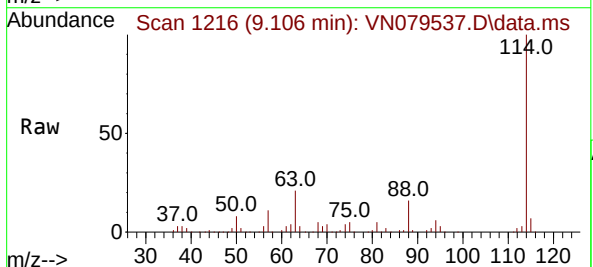
Tgt Ion:114 Resp: 467323

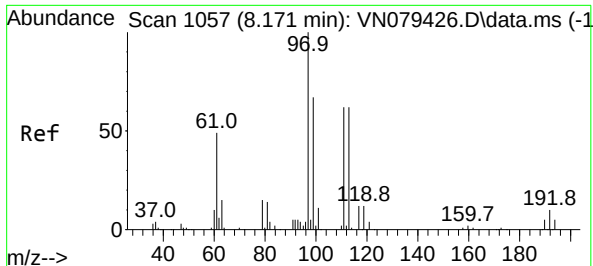
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.569 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 18326

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

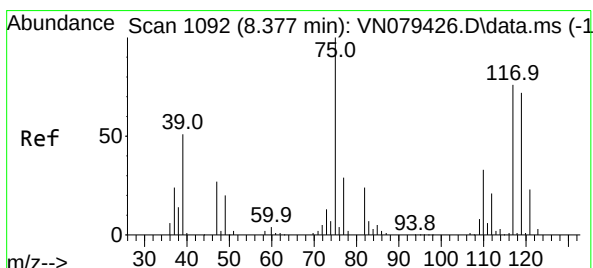
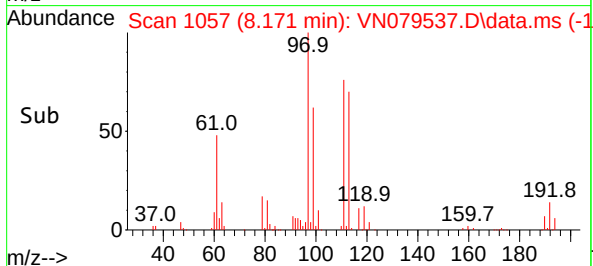
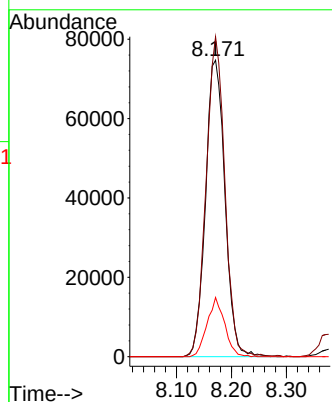
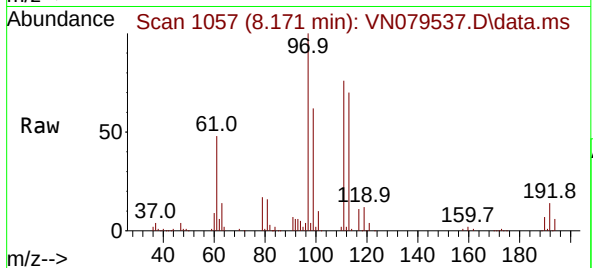
192 18.1 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#36

1,1-Dichloropropene

Concen: 45.563 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

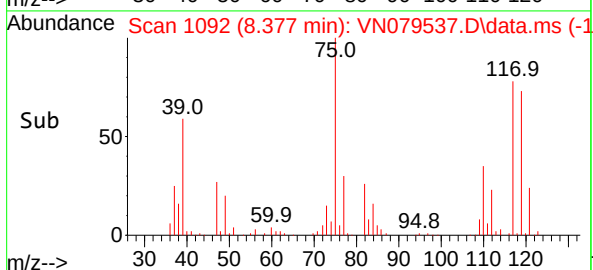
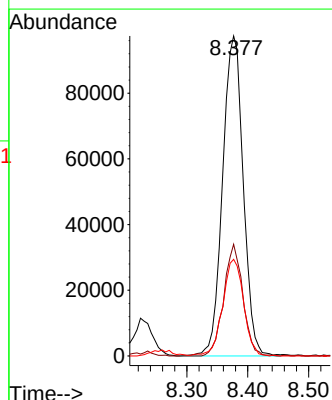
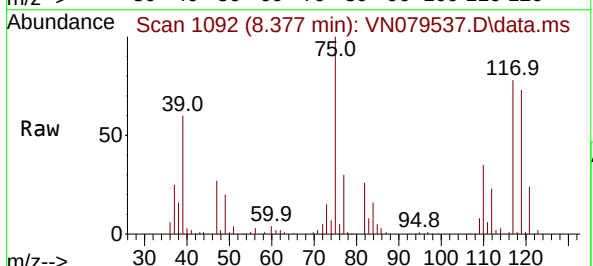
Tgt Ion: 75 Resp: 229655

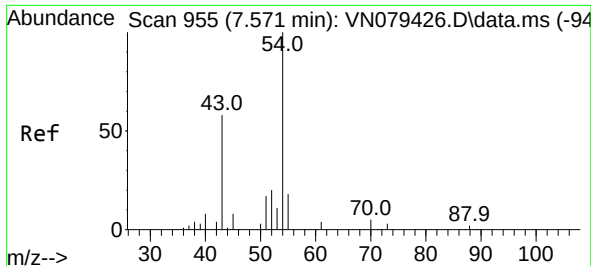
Ion Ratio Lower Upper

75 100

110 32.3 19.1 57.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 48.147 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 241478

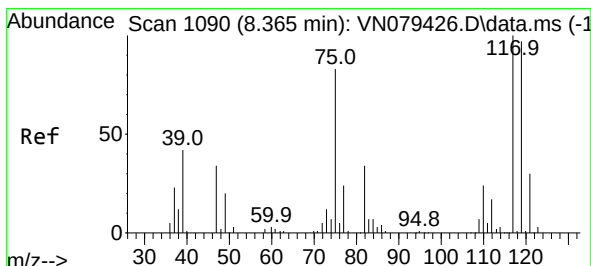
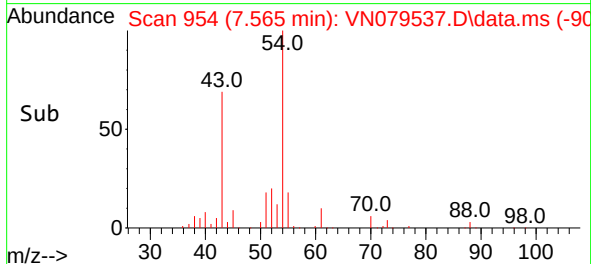
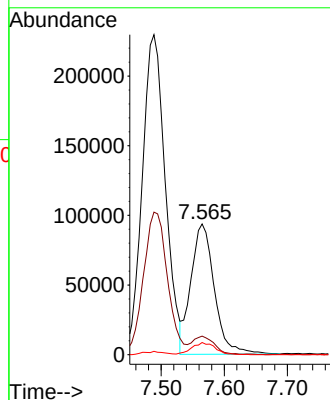
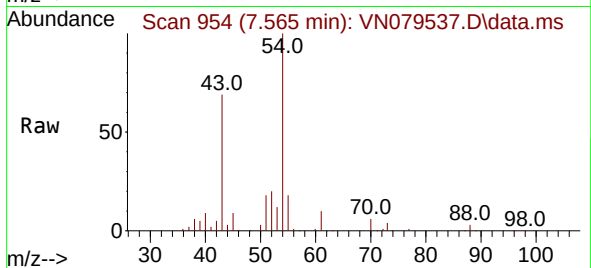
Ion	Ratio	Lower	Upper
43	100		
61	12.6	13.2	19.8
70	9.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#38

Carbon Tetrachloride

Concen: 44.541 ug/l

RT: 8.365 min Scan# 1090

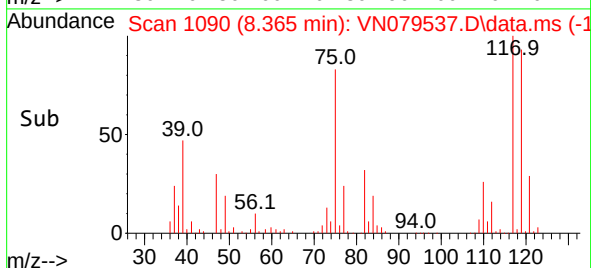
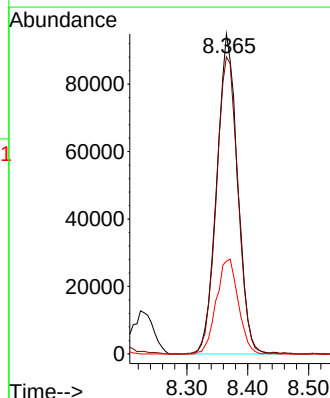
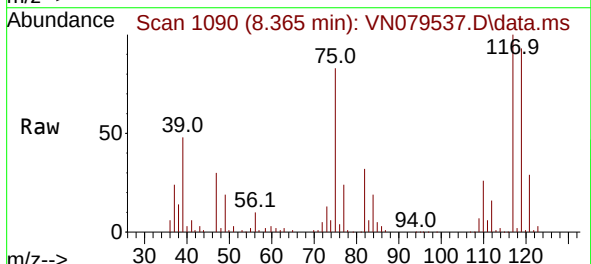
Delta R.T. 0.000 min

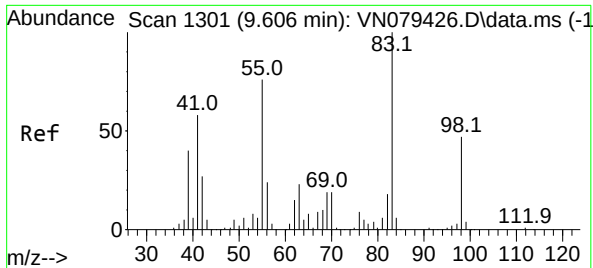
Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Tgt Ion:117 Resp: 224751

Ion	Ratio	Lower	Upper
117	100		
119	92.8	77.3	115.9
121	29.0	23.3	34.9





#39

Methylcyclohexane

Concen: 43.565 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 210968

Ion Ratio Lower Upper

83 100

55 77.1 49.1 73.7

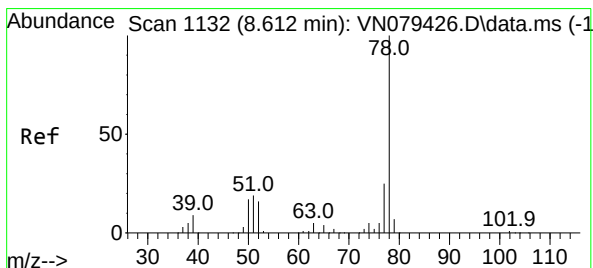
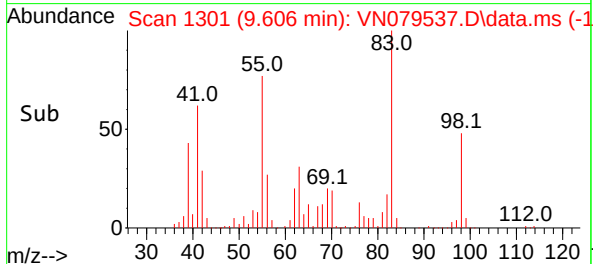
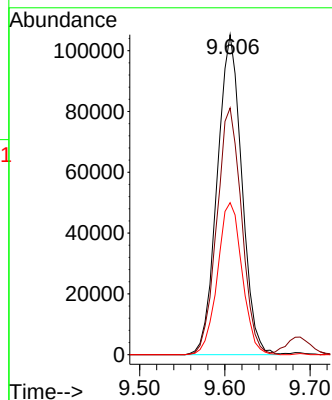
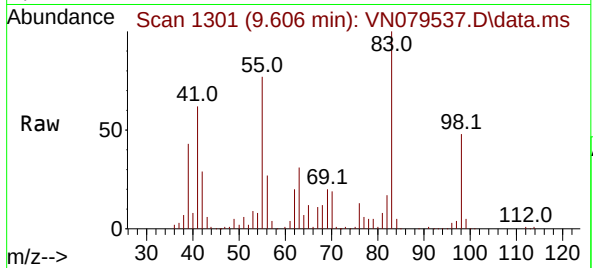
98 47.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#40

Benzene

Concen: 45.965 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079537.D

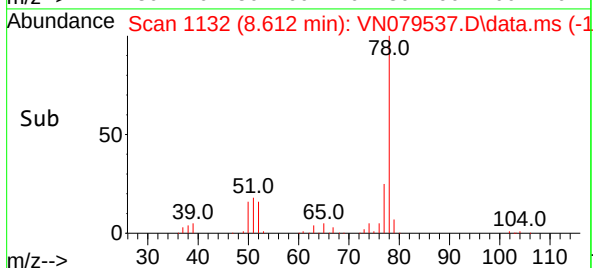
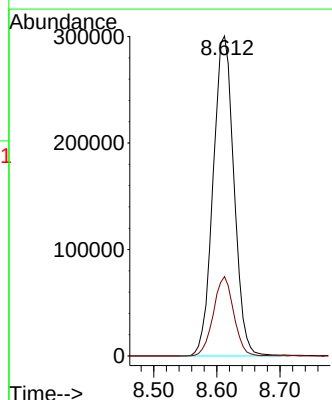
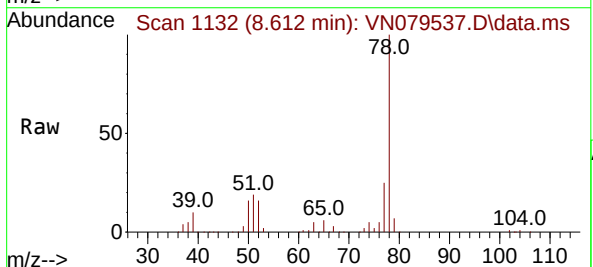
Acq: 12 Oct 2023 11:39

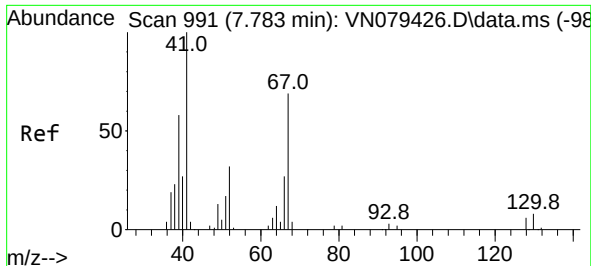
Tgt Ion: 78 Resp: 688063

Ion Ratio Lower Upper

78 100

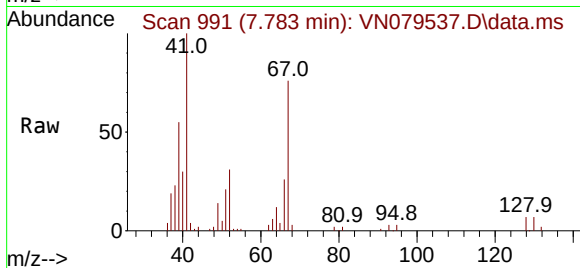
77 24.8 19.0 28.6





#41
Methacrylonitrile
Concen: 44.667 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

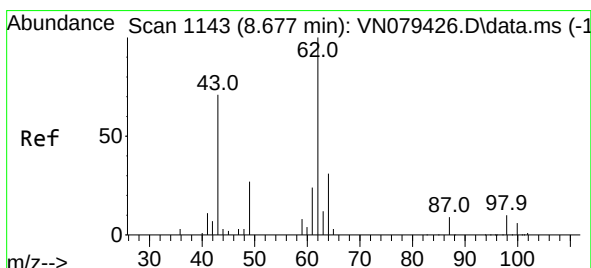
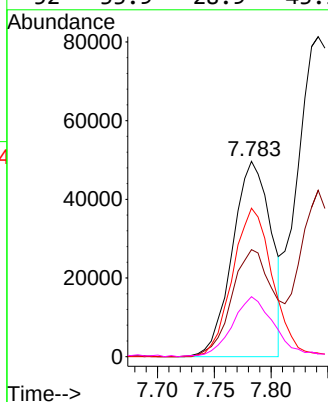
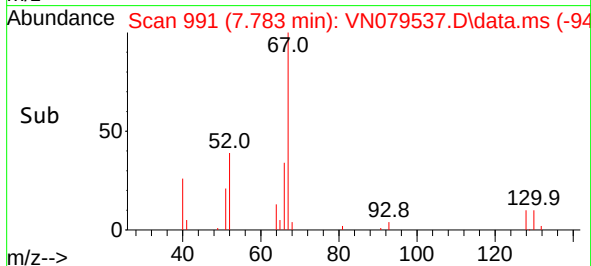
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	117770
Ion Ratio	100	Lower	Upper
41	100		
39	59.8	42.6	64.0
67	78.9	77.5	116.3
52	33.9	28.9	43.3

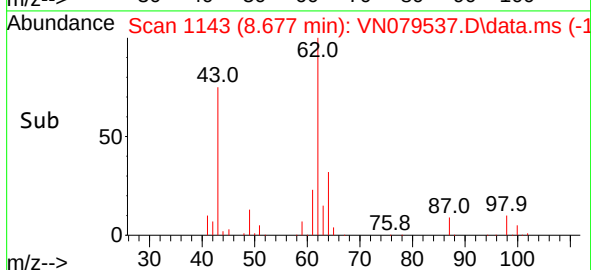
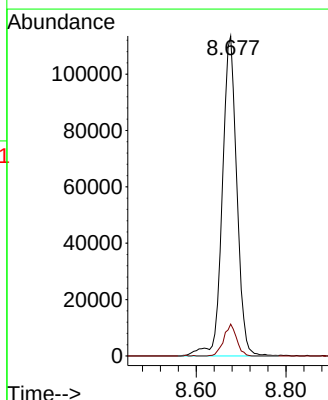
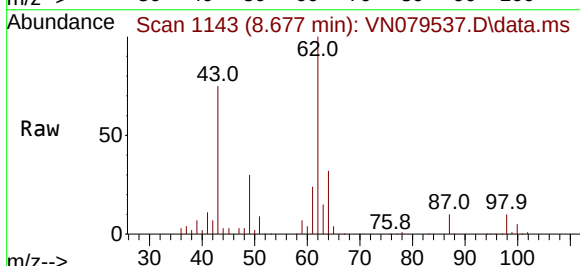
Manual Integrations
APPROVED

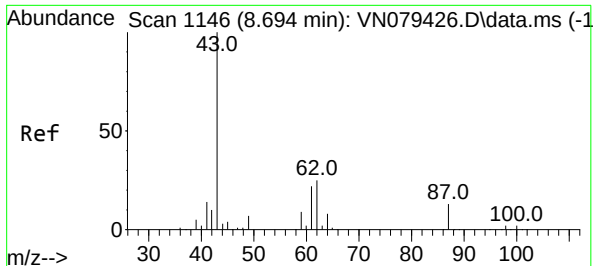
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#42
1,2-Dichloroethane
Concen: 46.943 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

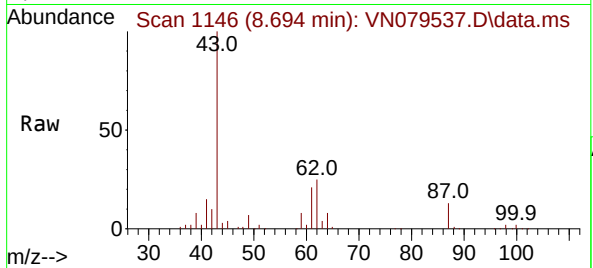
Tgt Ion:	62	Resp:	255334
Ion Ratio	100	Lower	Upper
62	100		
98	8.8	0.0	19.8





#43
Isopropyl Acetate
Concen: 44.266 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

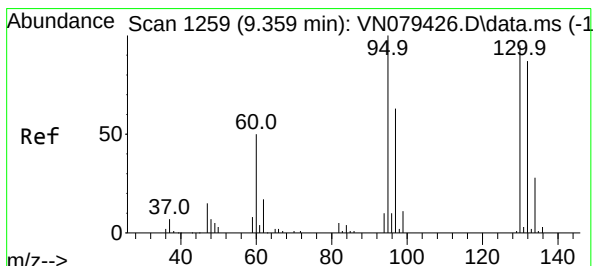
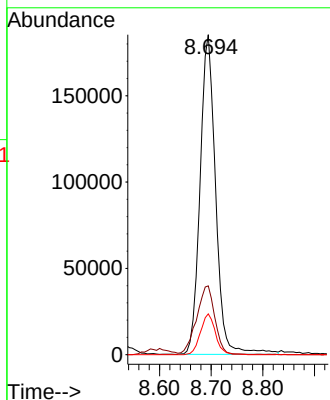
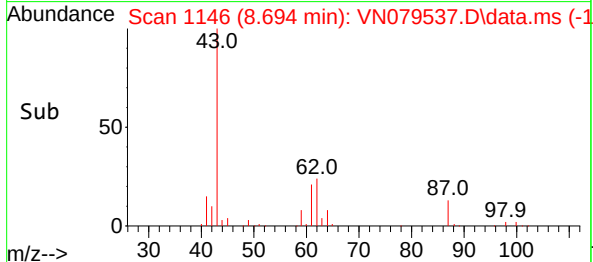
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 388952
Ion Ratio Lower Upper
43 100
61 24.9 24.7 37.1
87 12.2 14.6 21.8

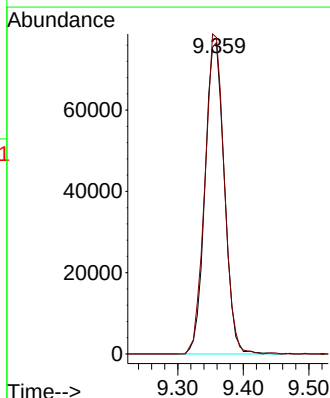
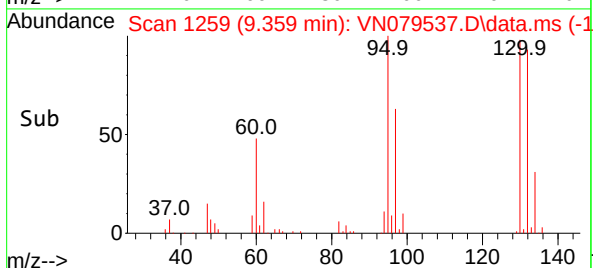
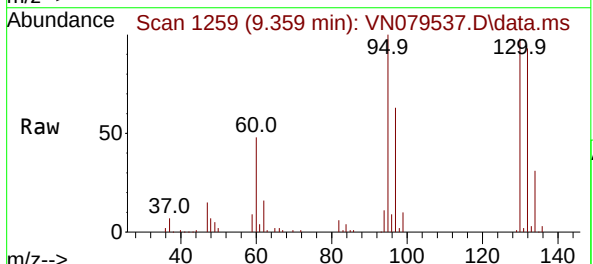
Manual Integrations
APPROVED

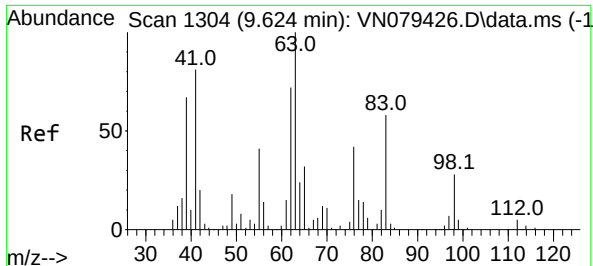
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#44
Trichloroethene
Concen: 44.632 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Tgt Ion:130 Resp: 157250
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.433 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 187079

Ion Ratio Lower Upper

63 100

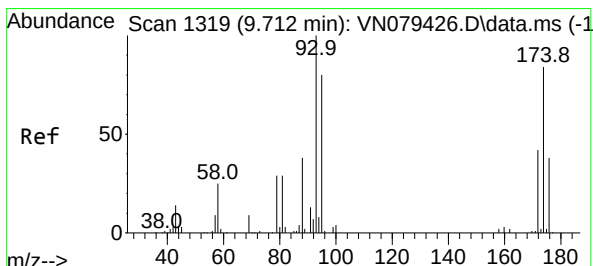
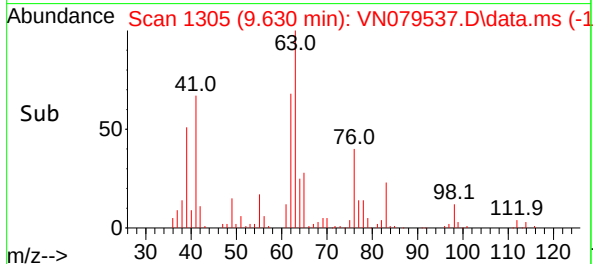
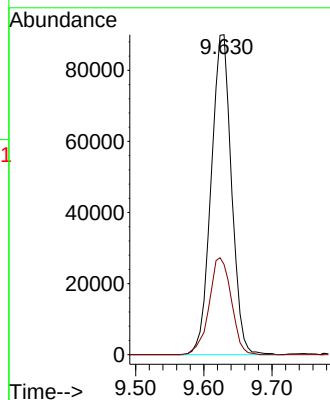
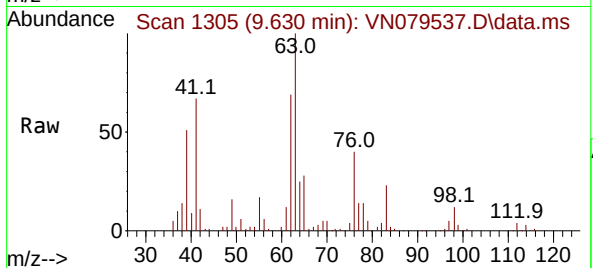
65 28.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#46

Dibromomethane

Concen: 47.999 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

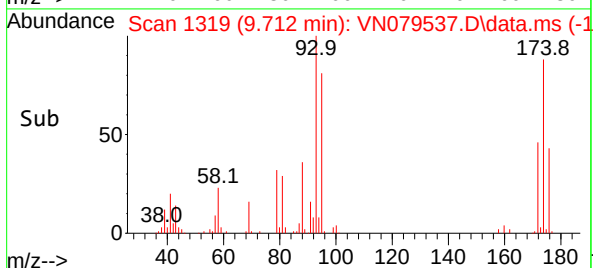
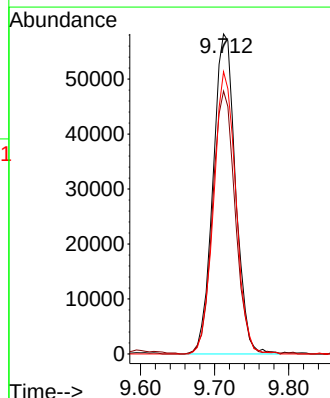
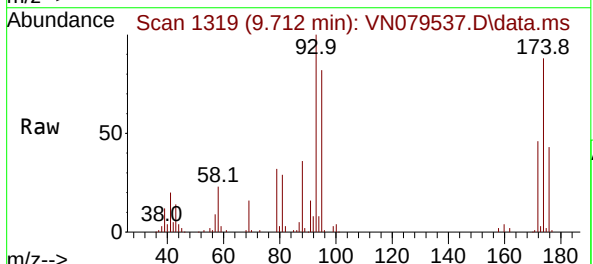
Tgt Ion: 93 Resp: 122608

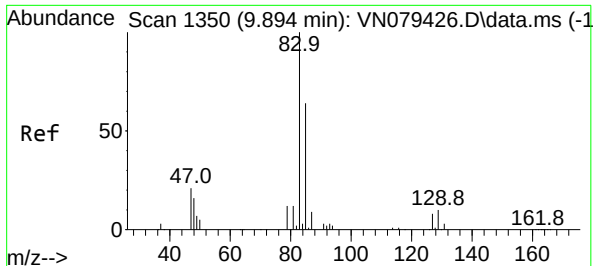
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

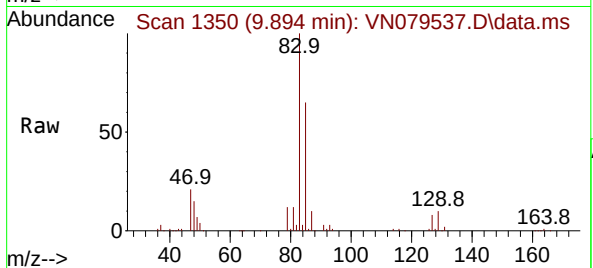
174 87.0 65.6 98.4





#47
Bromodichloromethane
Concen: 46.934 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

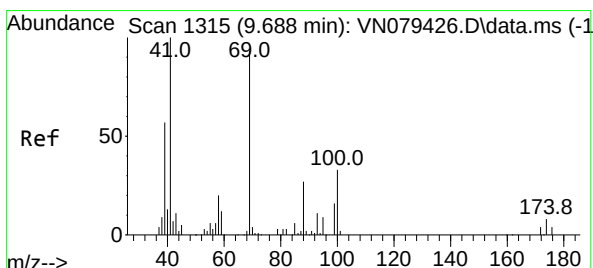
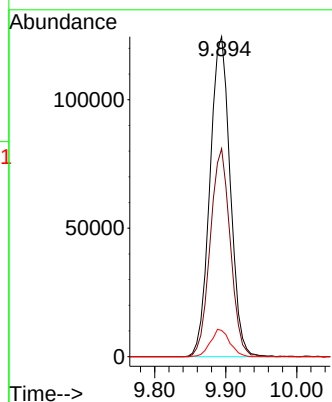
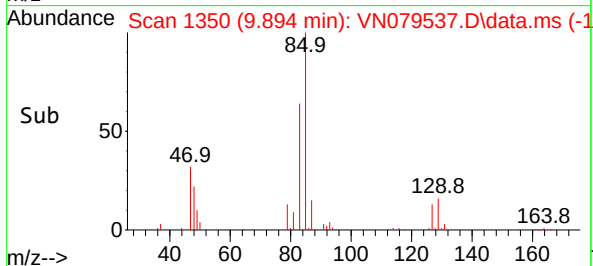
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



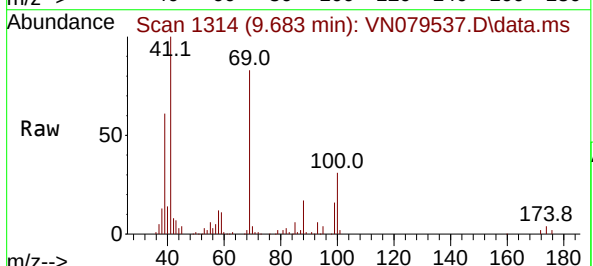
Tgt Ion: 83 Resp: 246611
Ion Ratio Lower Upper
83 100
85 65.0 49.6 74.4
127 8.2 7.0 10.6

Manual Integrations
APPROVED

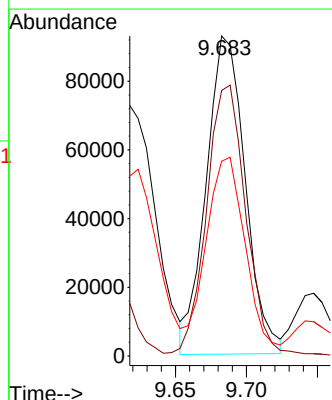
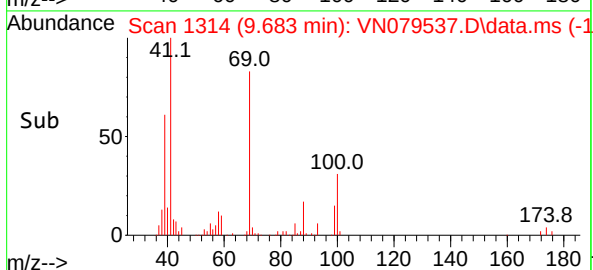
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

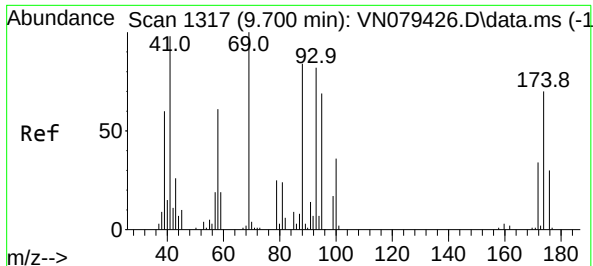


#48
Methyl methacrylate
Concen: 46.973 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion: 41 Resp: 176868
Ion Ratio Lower Upper
41 100
69 85.9 90.4 135.6
39 64.0 54.6 81.8





#49

1,4-Dioxane

Concen: 968.726 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 67180

Ion Ratio Lower Upper

88 100

43 32.6 17.0 25.6

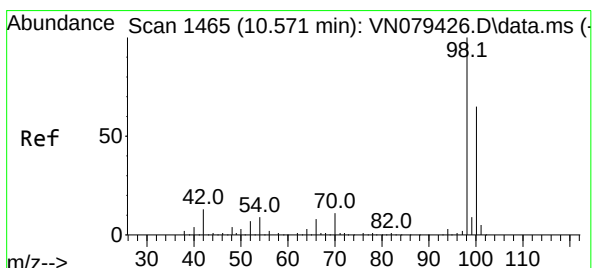
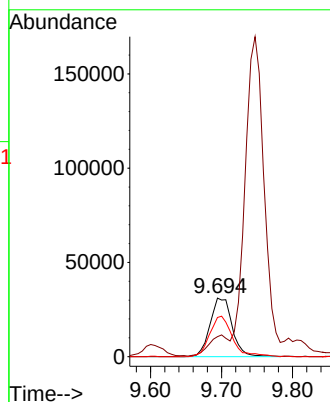
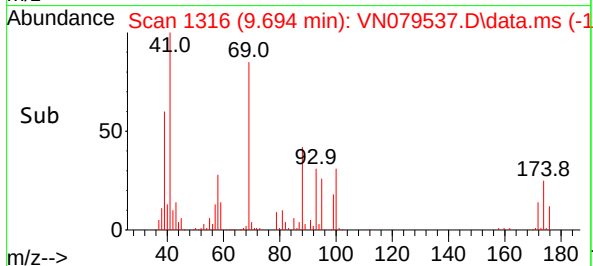
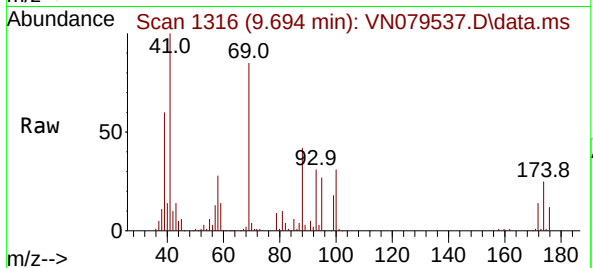
58 71.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#50

Toluene-d8

Concen: 56.893 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079537.D

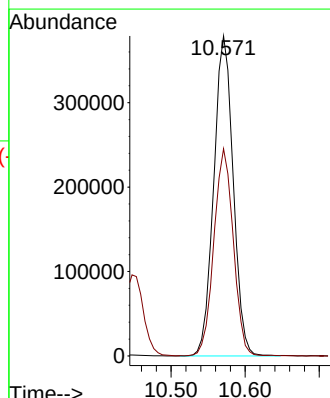
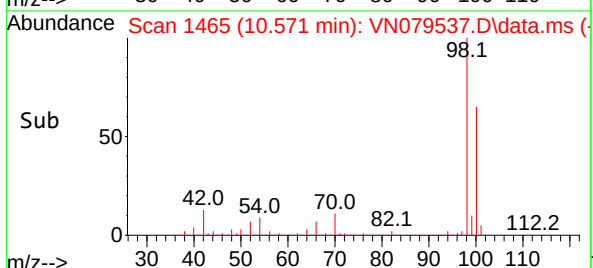
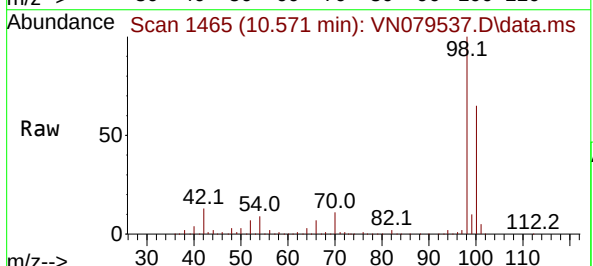
Acq: 12 Oct 2023 11:39

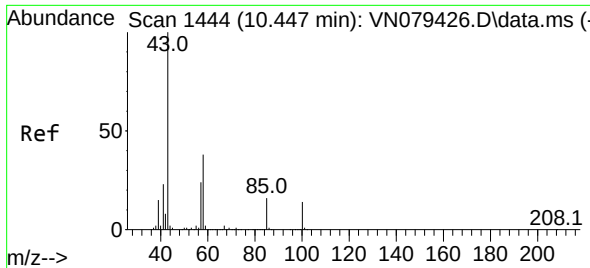
Tgt Ion: 98 Resp: 691335

Ion Ratio Lower Upper

98 100

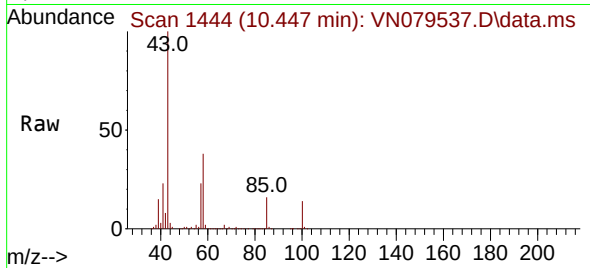
100 64.3 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 244.407 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

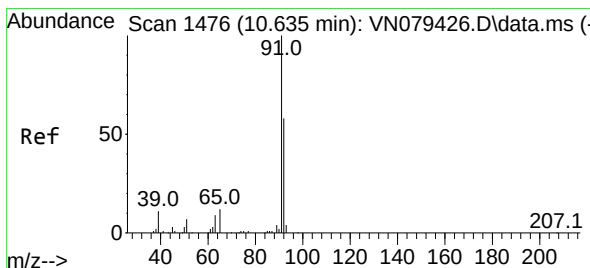
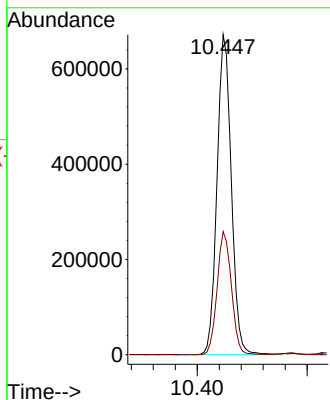
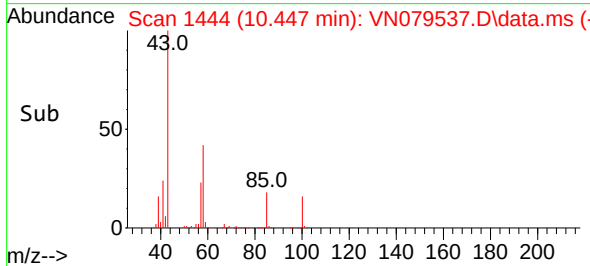
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



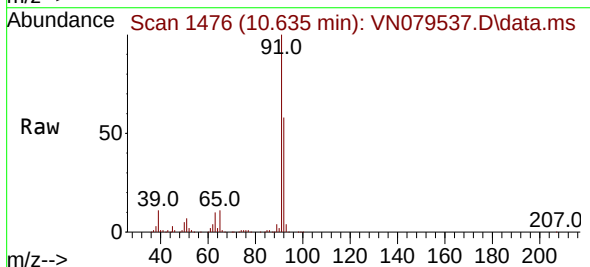
Tgt Ion: 43 Resp: 1212290
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

Manual Integrations
APPROVED

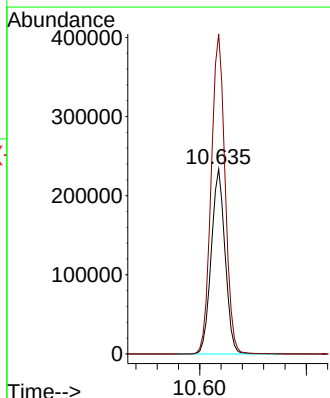
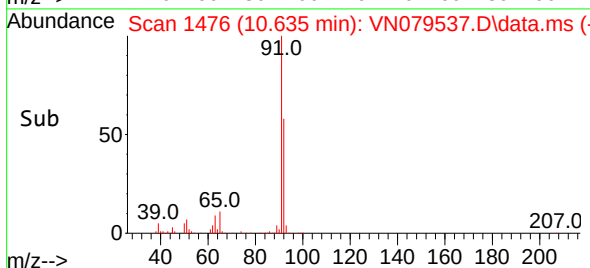
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

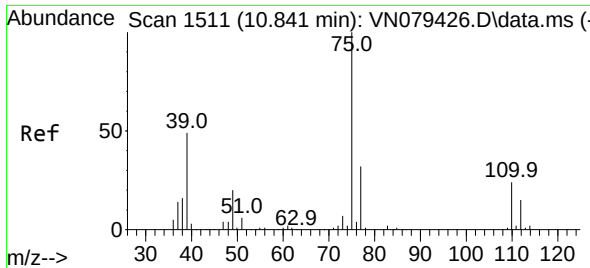


#52
Toluene
Concen: 47.759 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



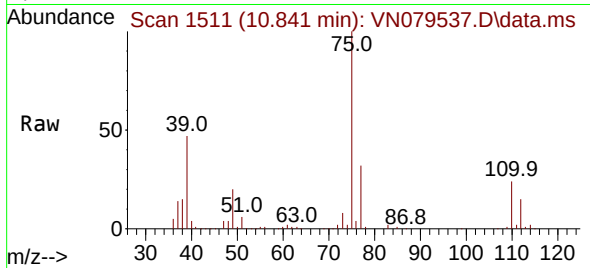
Tgt Ion: 92 Resp: 420820
Ion Ratio Lower Upper
92 100
91 174.0 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 48.019 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

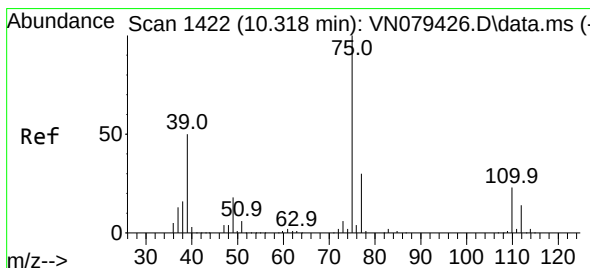
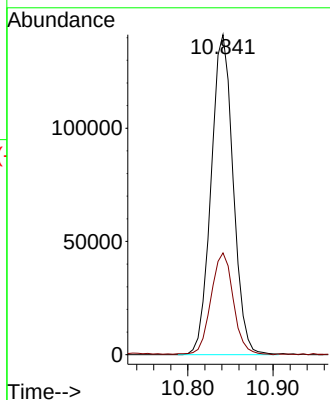
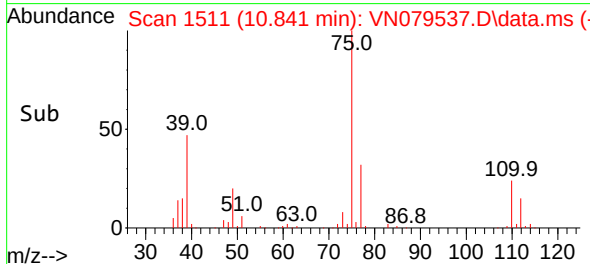
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



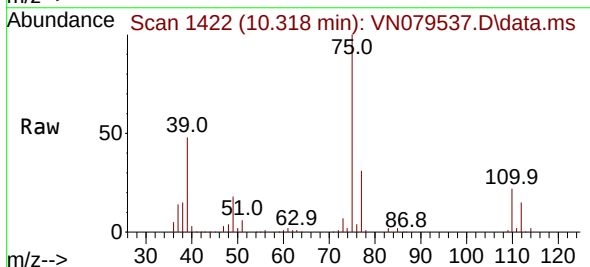
Tgt Ion: 75 Resp: 254269
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

Manual Integrations
 APPROVED

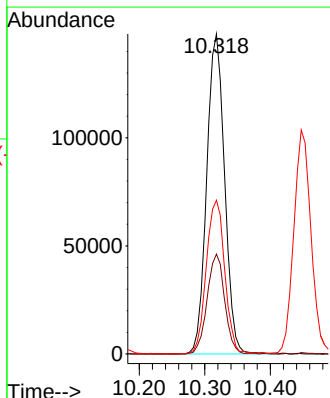
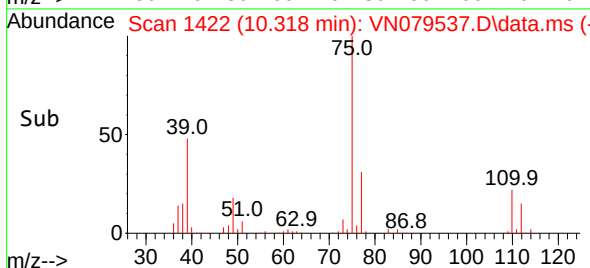
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023

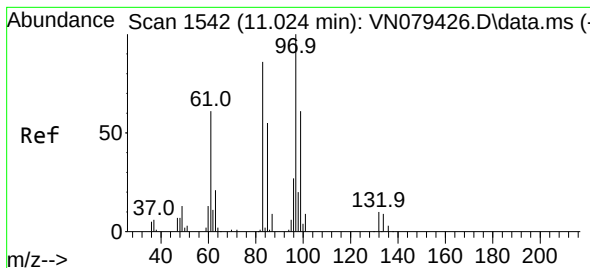


#54
 cis-1,3-Dichloropropene
 Concen: 48.375 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39



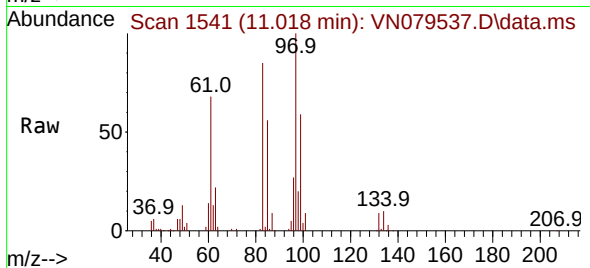
Tgt Ion: 75 Resp: 280411
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 48.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 47.111 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

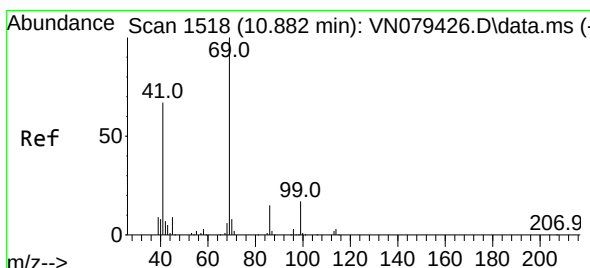
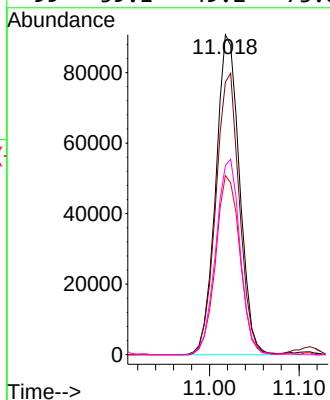
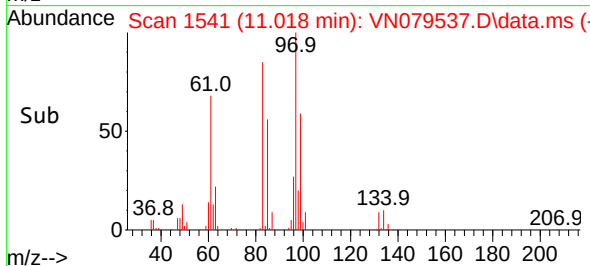
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



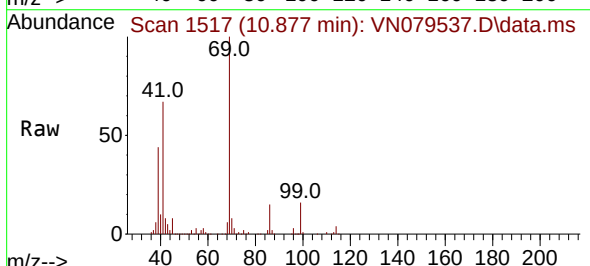
Tgt Ion: 97 Resp: 166650
Ion Ratio Lower Upper
97 100
83 85.2 65.1 97.7
85 56.0 43.4 65.2
99 59.1 49.2 73.8

Manual Integrations
APPROVED

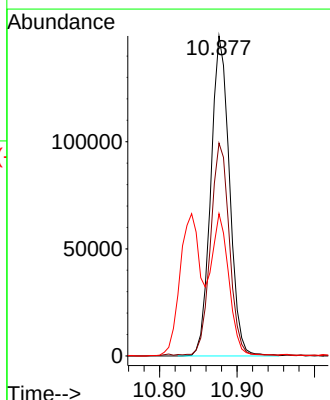
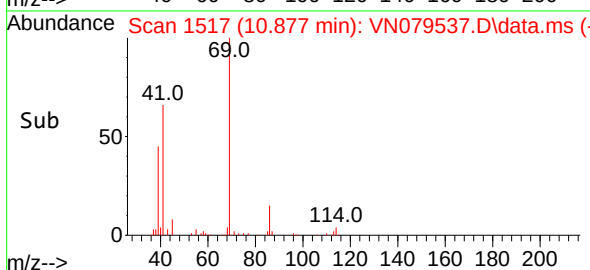
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

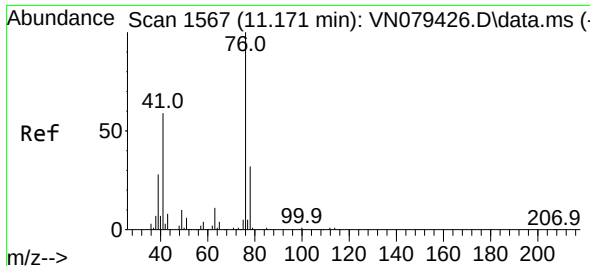


#56
Ethyl methacrylate
Concen: 51.341 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion: 69 Resp: 249564
Ion Ratio Lower Upper
69 100
41 67.5 39.6 59.4#
39 41.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 48.155 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.006 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 294144

Ion Ratio Lower Upper

76 100

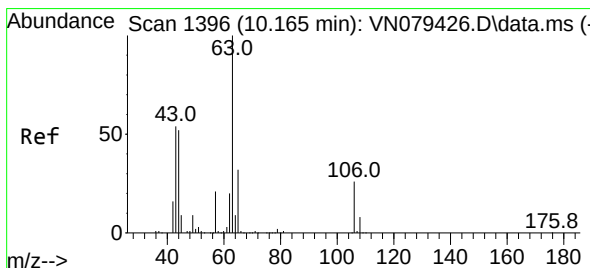
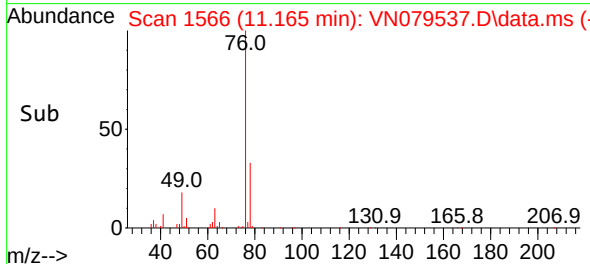
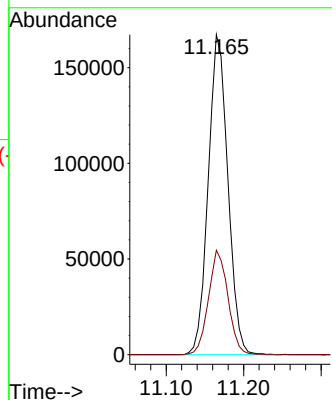
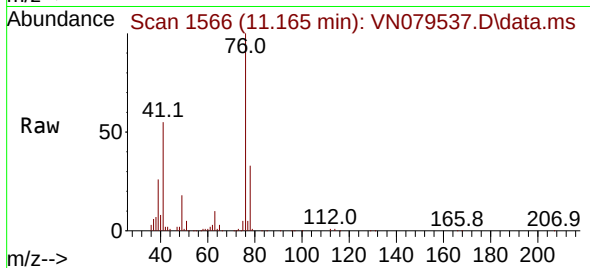
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 266.996 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079537.D

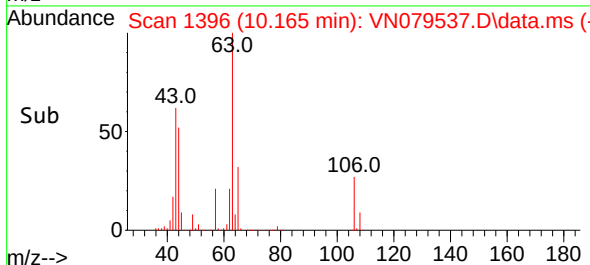
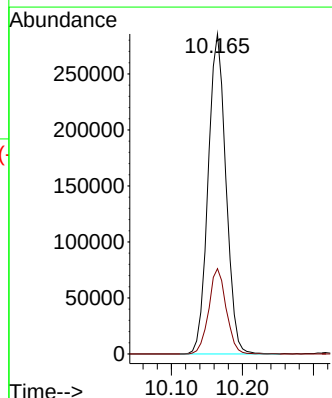
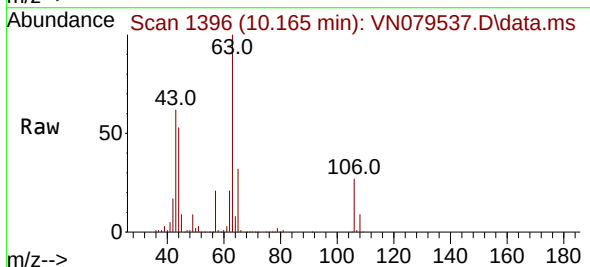
Acq: 12 Oct 2023 11:39

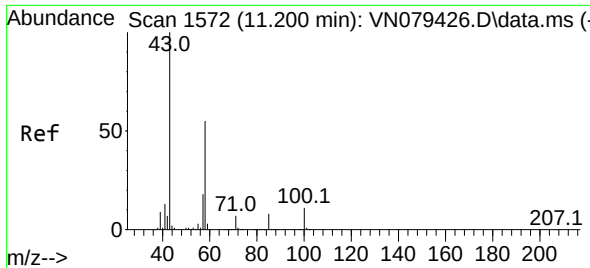
Tgt Ion: 63 Resp: 497035

Ion Ratio Lower Upper

63 100

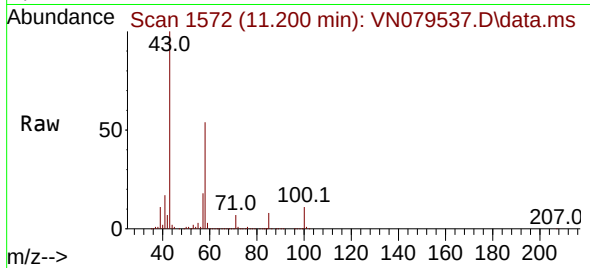
106 26.2 26.2 39.4#





#59
2-Hexanone
Concen: 246.349 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

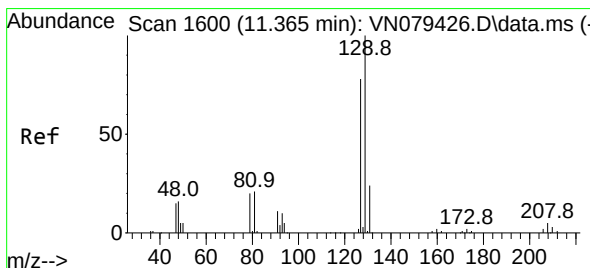
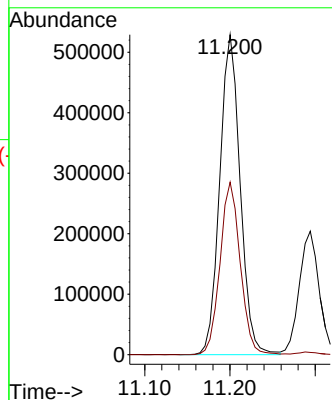
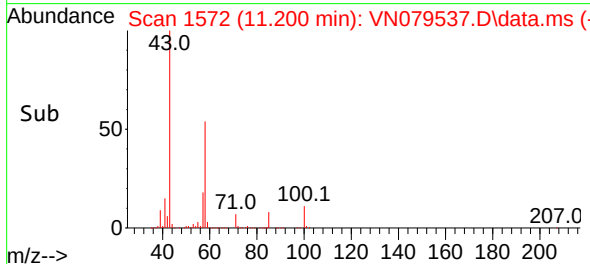
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



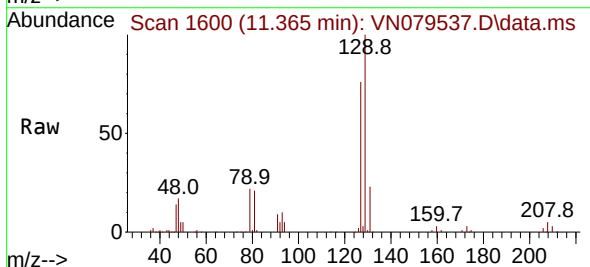
Tgt Ion: 43 Resp: 88174
Ion Ratio Lower Upper
43 100
58 53.4 31.7 95.1

Manual Integrations
APPROVED

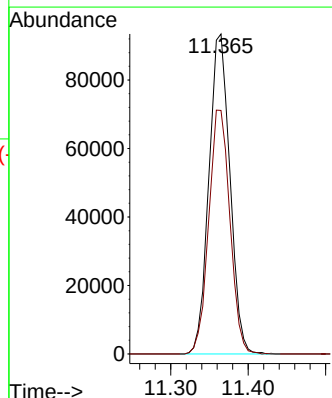
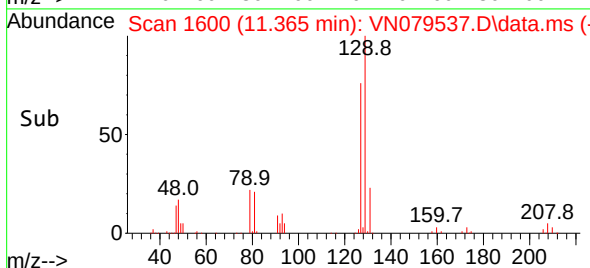
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

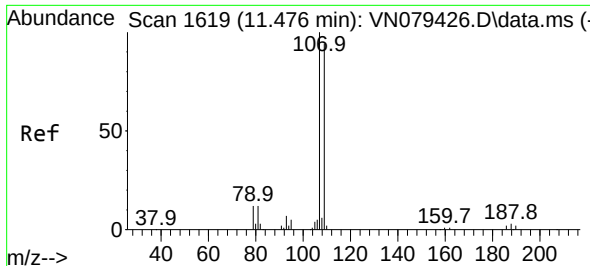


#60
Dibromochloromethane
Concen: 49.550 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



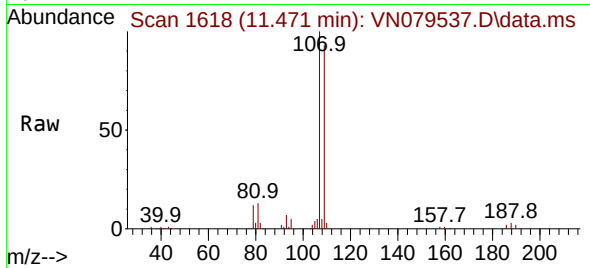
Tgt Ion:129 Resp: 176163
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 46.408 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

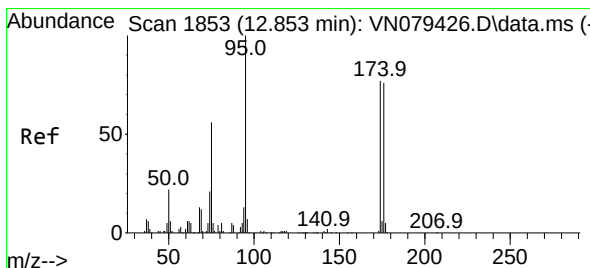
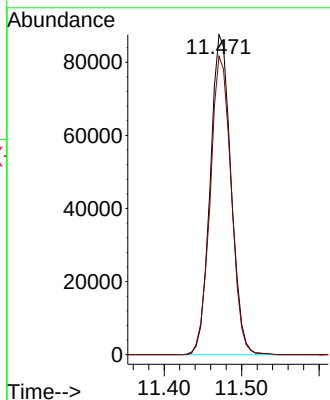
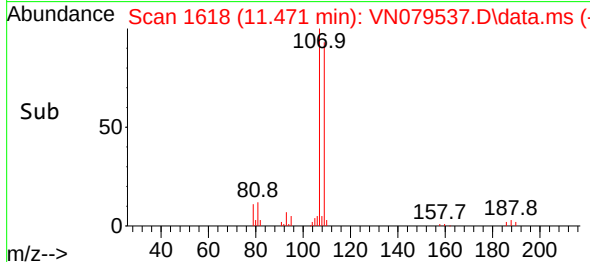
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 162918
Ion Ratio Lower Upper
107 100
109 94.1 76.6 114.8

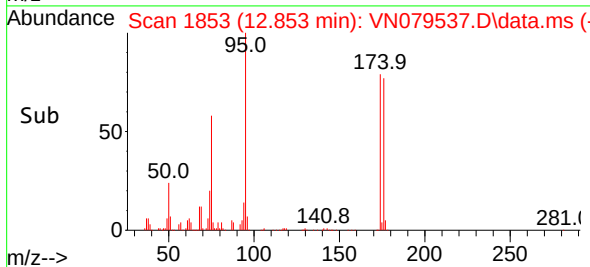
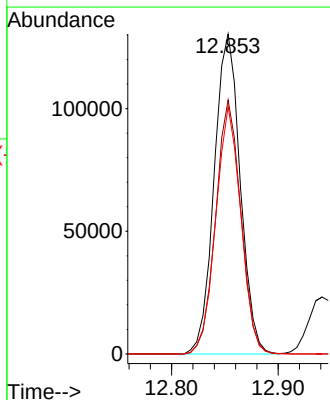
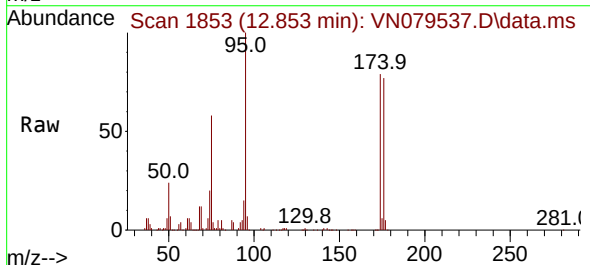
Manual Integrations
APPROVED

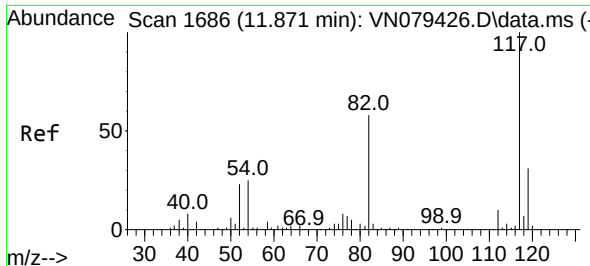
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#62
4-Bromofluorobenzene
Concen: 56.665 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

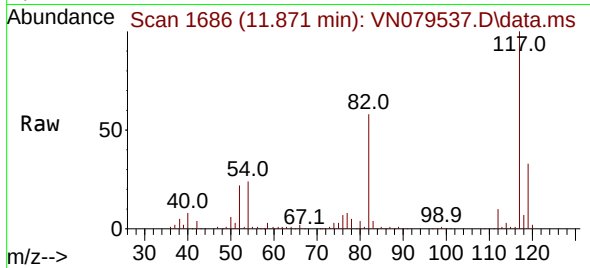
Tgt Ion: 95 Resp: 220976
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

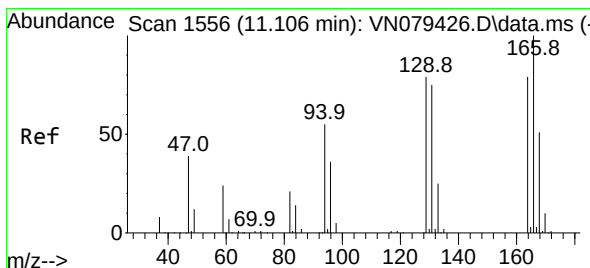
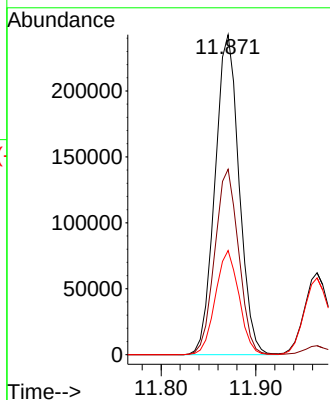
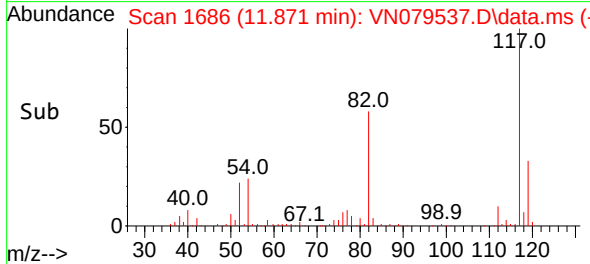
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



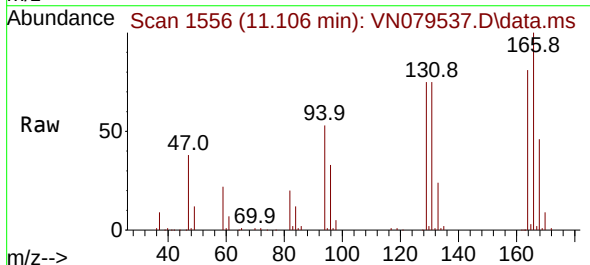
Tgt Ion:117 Resp: 429720
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 32.6 25.6 38.4

Manual Integrations
APPROVED

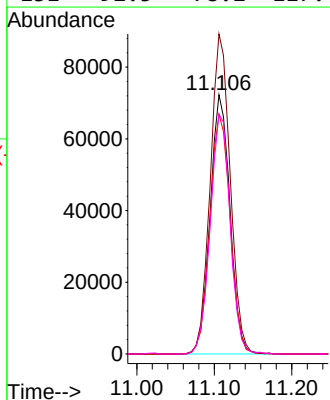
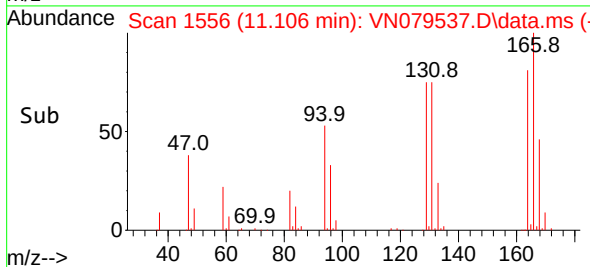
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

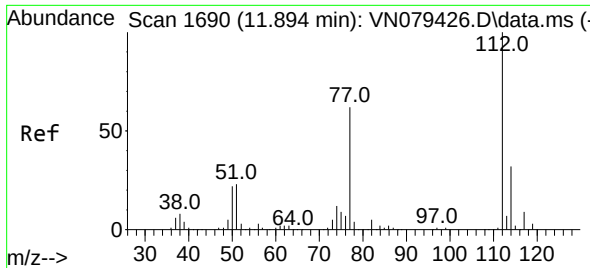


#64
Tetrachloroethene
Concen: 43.569 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion:164 Resp: 128799
Ion Ratio Lower Upper
164 100
166 123.4 101.4 152.0
129 92.5 82.4 123.6
131 92.5 78.2 117.4





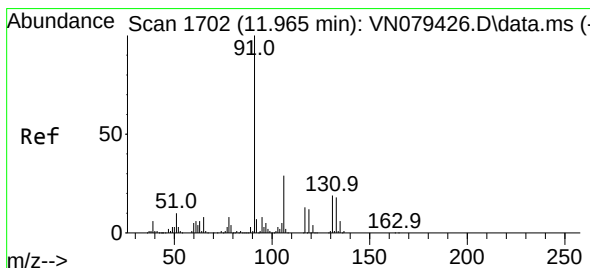
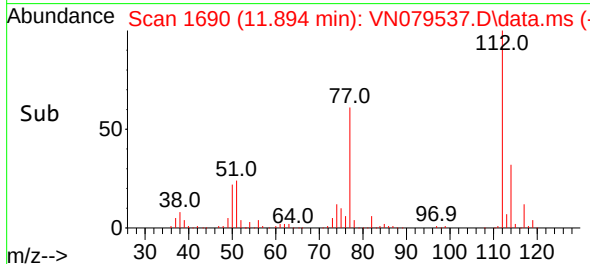
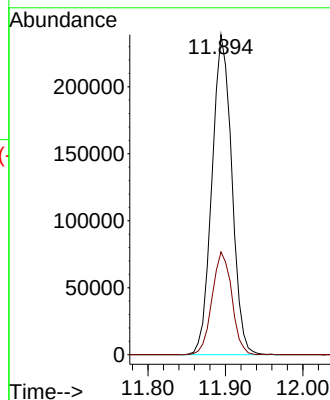
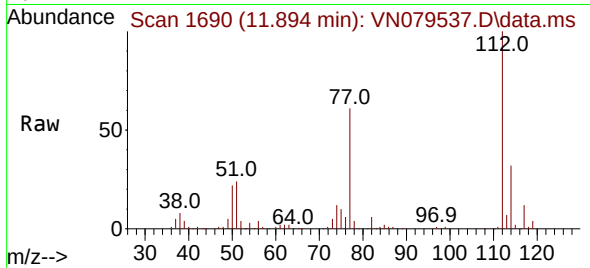
#65
Chlorobenzene
Concen: 44.355 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 424478
Ion Ratio Lower Upper
112 100
114 32.1 25.0 37.4

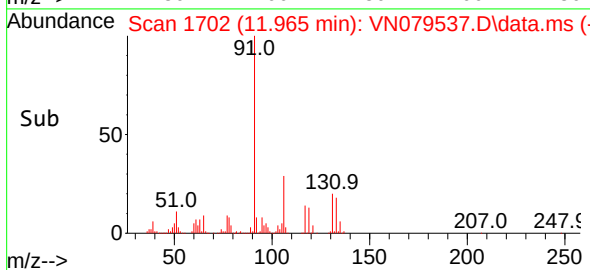
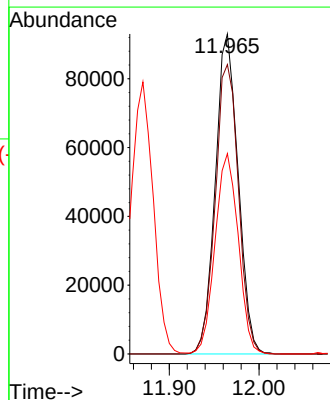
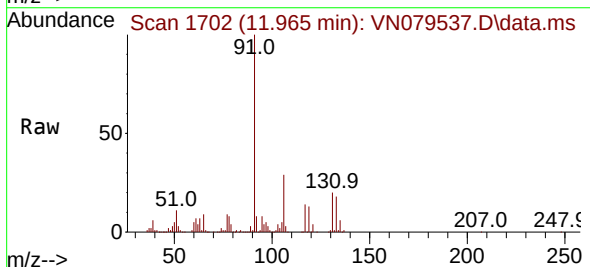
Manual Integrations
APPROVED

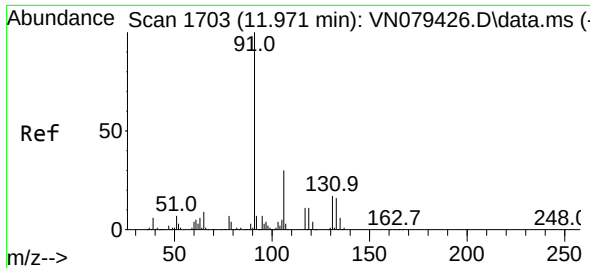
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 46.877 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

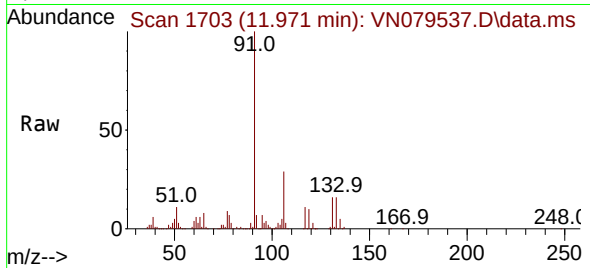
Tgt Ion:131 Resp: 164259
Ion Ratio Lower Upper
131 100
133 92.1 46.4 139.1
119 63.7 34.1 102.2





#67
Ethyl Benzene
Concen: 47.585 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

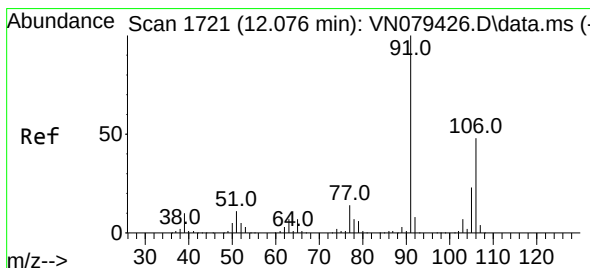
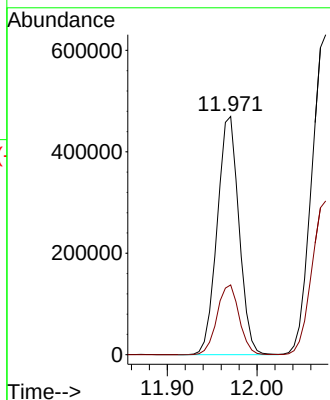
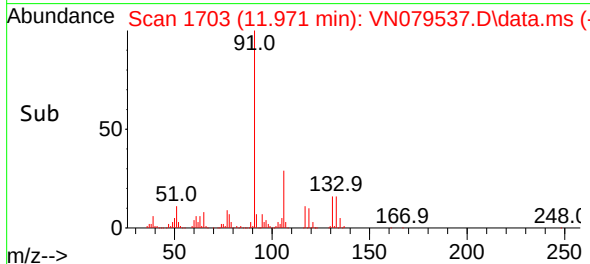
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



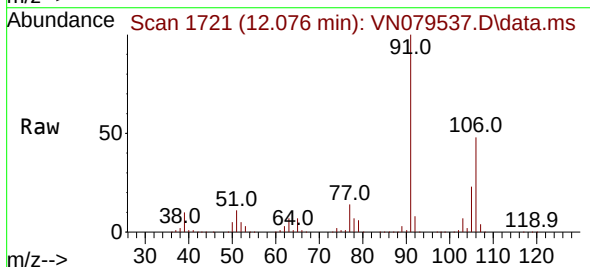
Tgt Ion: 91 Resp: 79152
Ion Ratio Lower Upper
91 100
106 29.3 25.6 38.4

Manual Integrations
APPROVED

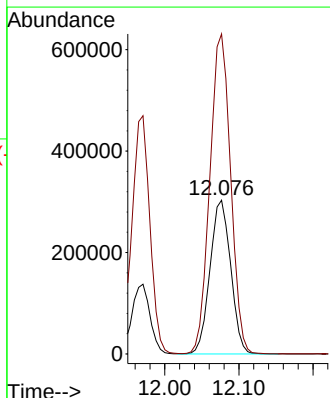
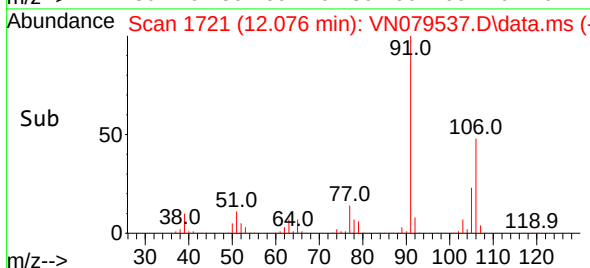
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

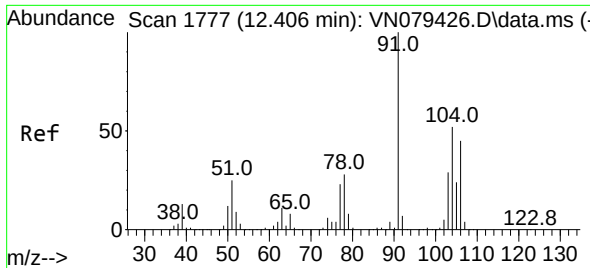


#68
m/p-Xylenes
Concen: 97.224 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion:106 Resp: 587605
Ion Ratio Lower Upper
106 100
91 209.2 159.6 239.4





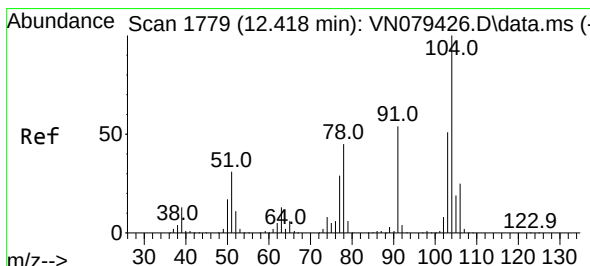
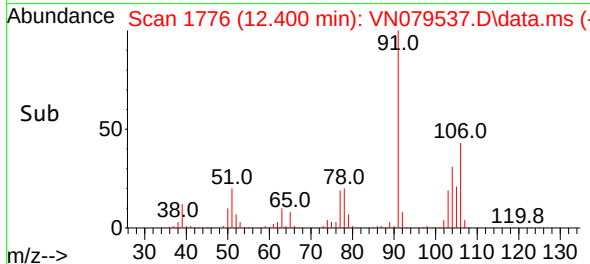
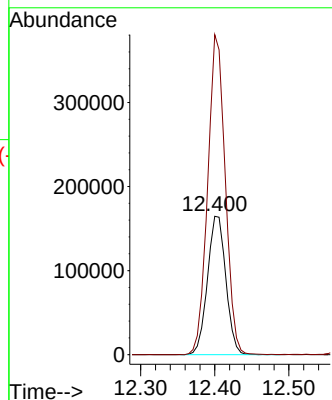
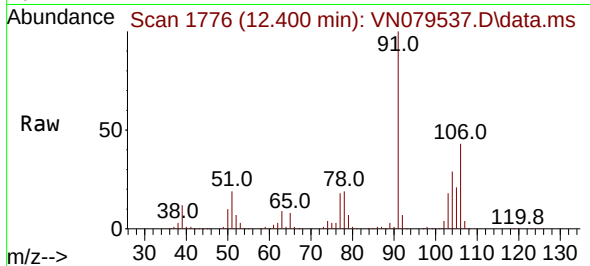
#69
o-Xylene
Concen: 47.720 ug/l
RT: 12.400 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 28363
Ion Ratio Lower Upper
106 100
91 221.1 105.2 315.5

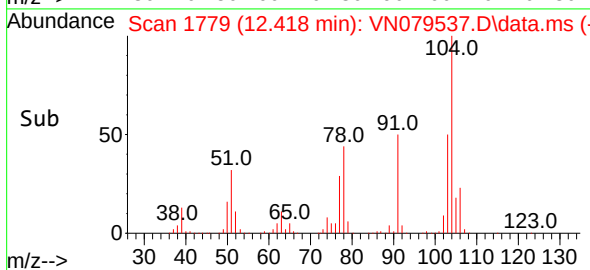
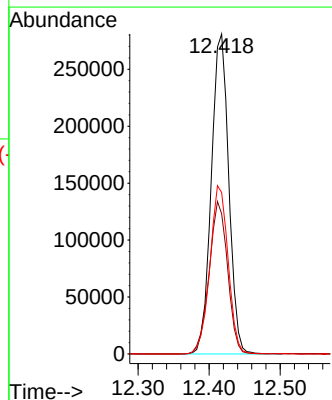
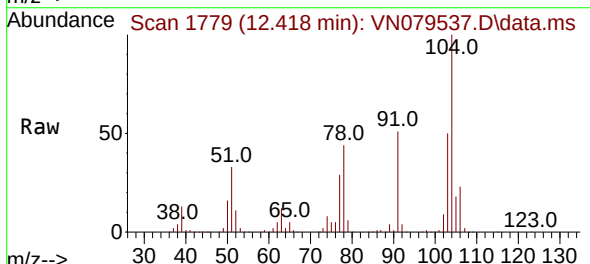
Manual Integrations
APPROVED

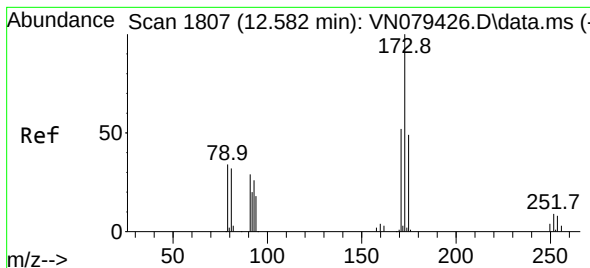
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#70
Styrene
Concen: 51.040 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Tgt Ion:104 Resp: 479188
Ion Ratio Lower Upper
104 100
78 50.3 39.5 59.3
103 55.0 43.2 64.8





#71

Bromoform

Concen: 45.750 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 117328

Ion Ratio Lower Upper

173 100

175 47.8 24.3 73.0

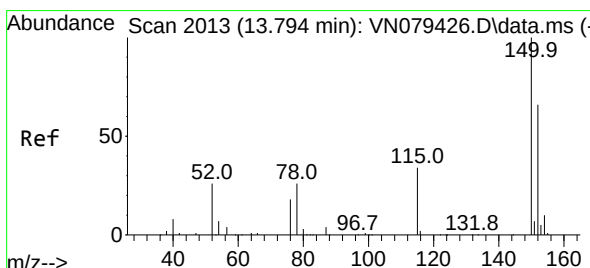
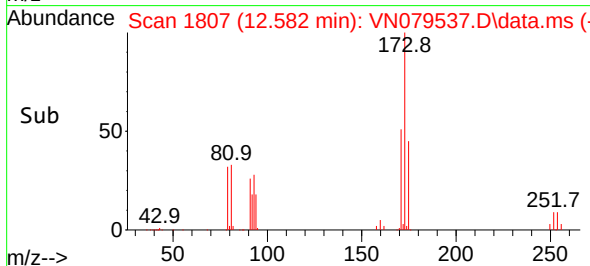
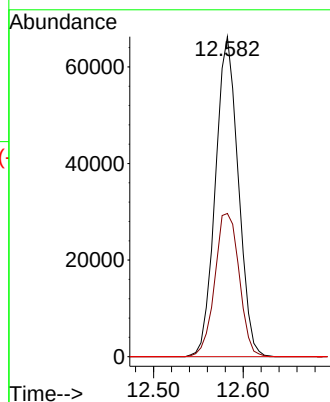
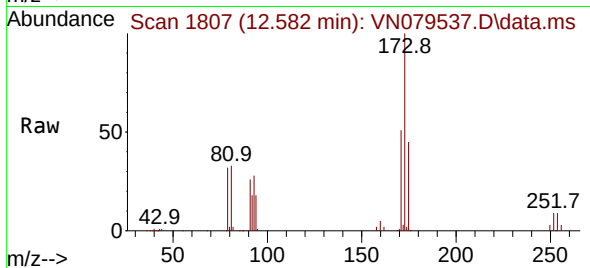
254 0.0 0.0 0.0

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: VN079537.D

Acq: 12 Oct 2023 11:39

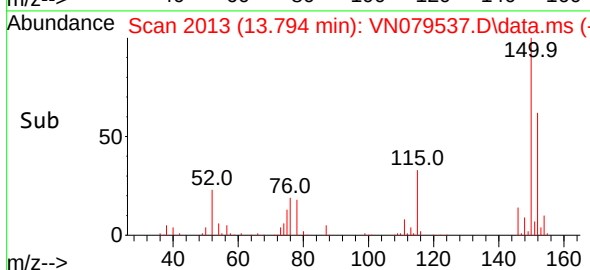
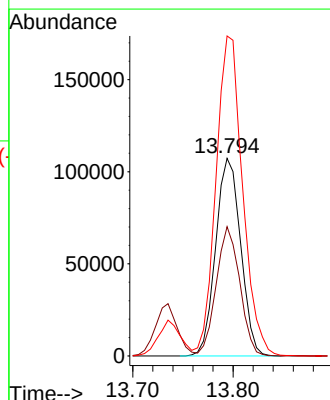
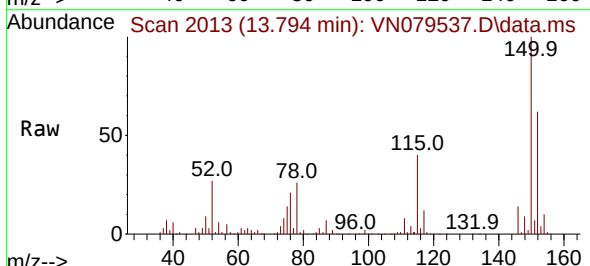
Tgt Ion:152 Resp: 185133

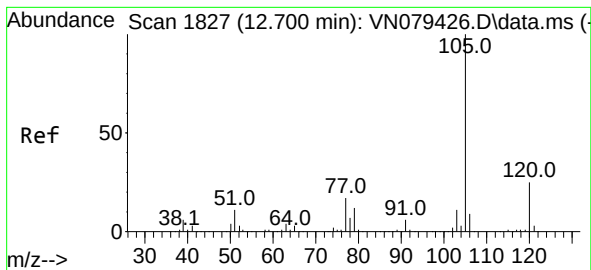
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 172.9 0.0 355.8





#73

Isopropylbenzene

Concen: 42.014 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 723618

Ion Ratio Lower Upper

105 100

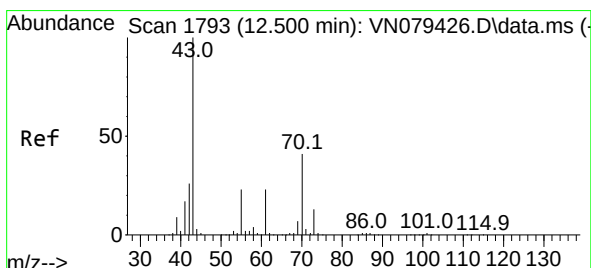
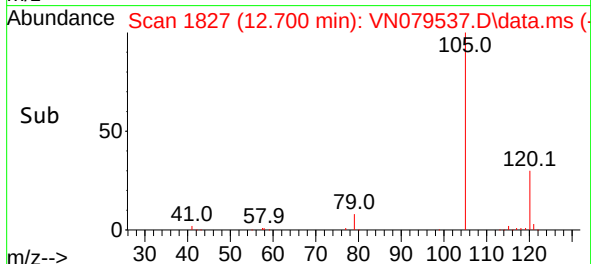
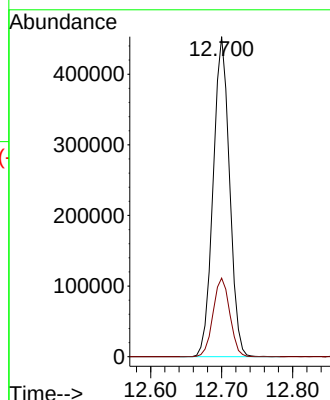
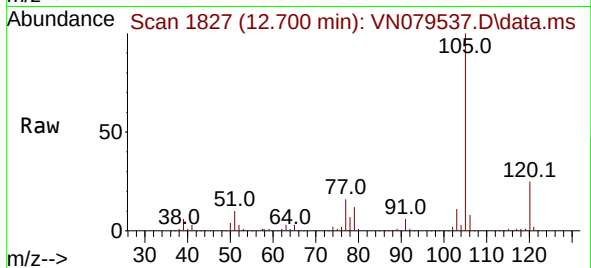
120 25.0 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#74

N-ethyl acetate

Concen: 44.286 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Tgt Ion: 43 Resp: 312703

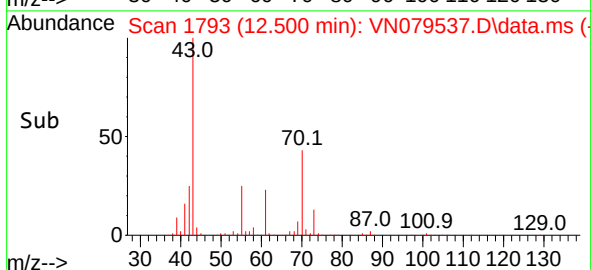
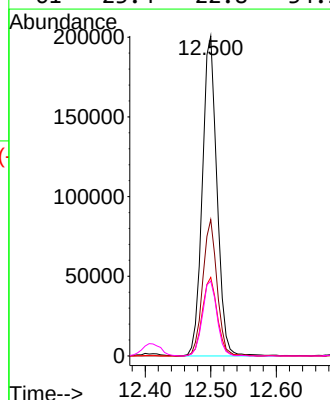
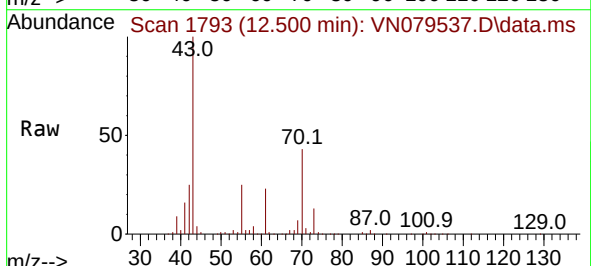
Ion Ratio Lower Upper

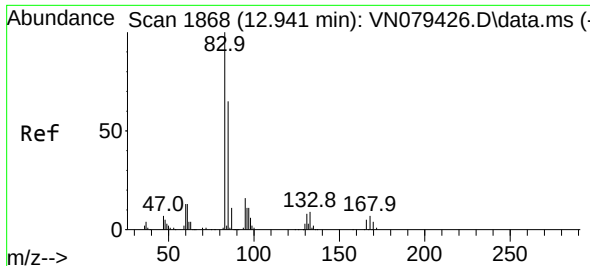
43 100

70 41.5 43.4 65.2

55 25.2 21.4 32.0

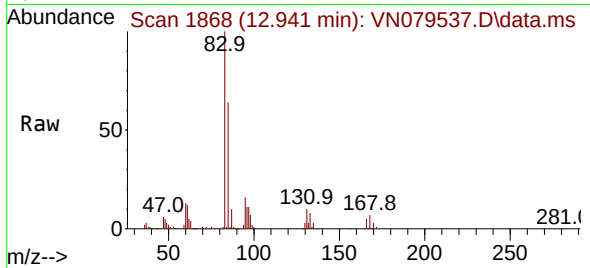
61 23.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.344 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

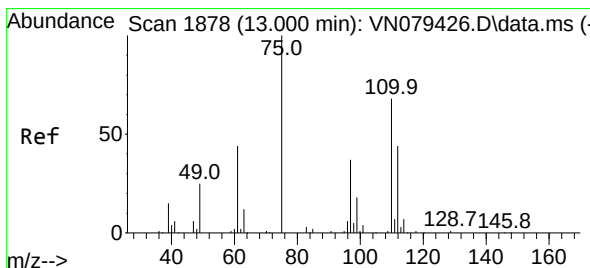
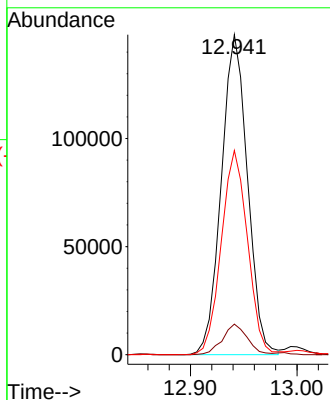
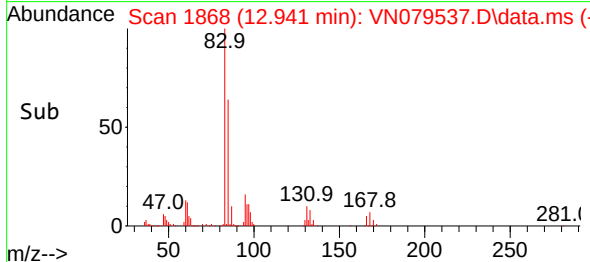
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 252704
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 63.9 31.9 95.7

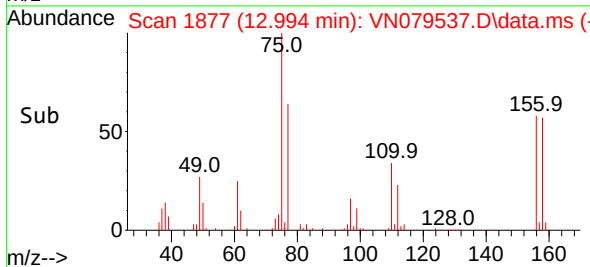
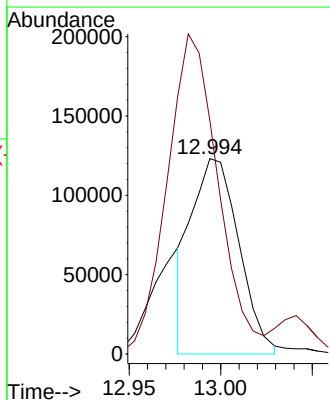
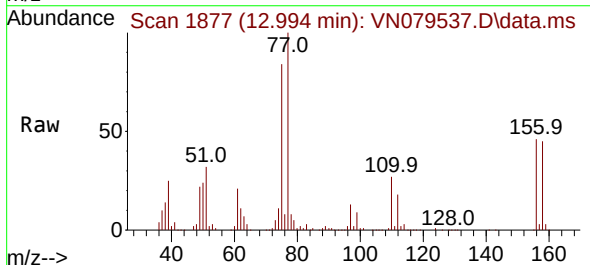
Manual Integrations
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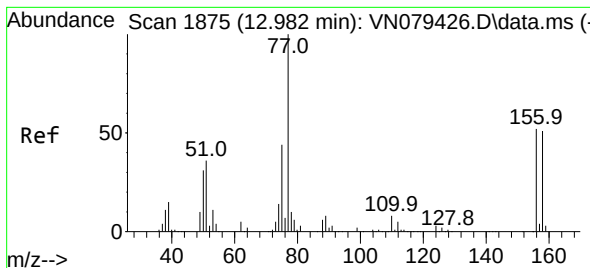
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#76
1,2,3-Trichloropropane
Concen: 41.441 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Tgt Ion: 75 Resp: 221205
Ion Ratio Lower Upper
75 100
77 176.6 84.5 253.5





#77

Bromobenzene

Concen: 40.406 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 170640

Ion Ratio Lower Upper

156 100

77 228.9 107.7 323.3

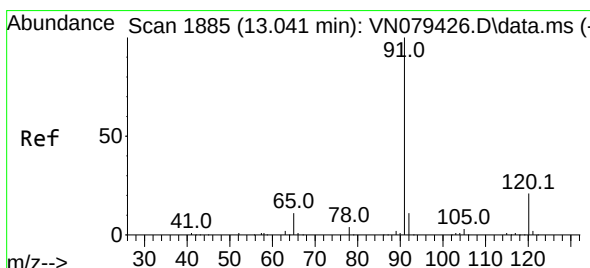
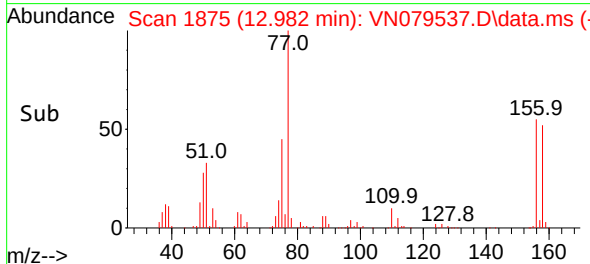
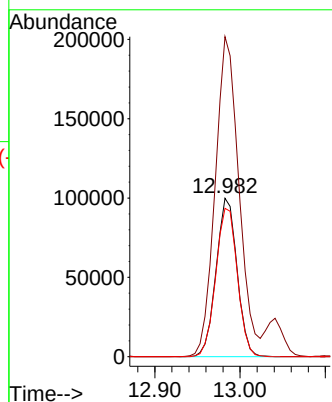
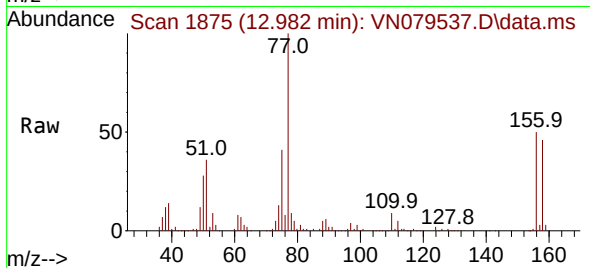
158 96.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#78

n-propylbenzene

Concen: 43.908 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN079537.D

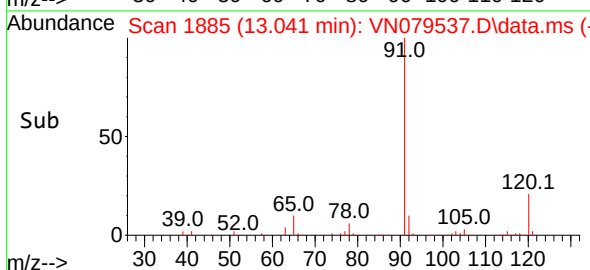
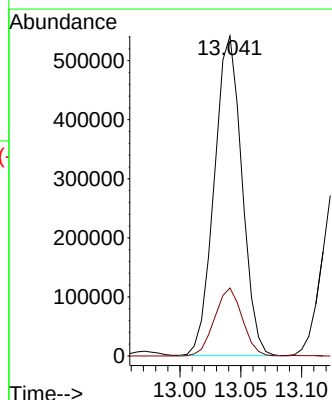
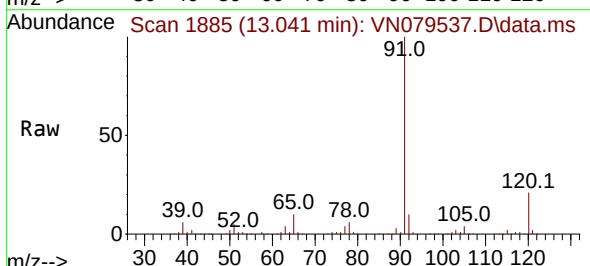
Acq: 12 Oct 2023 11:39

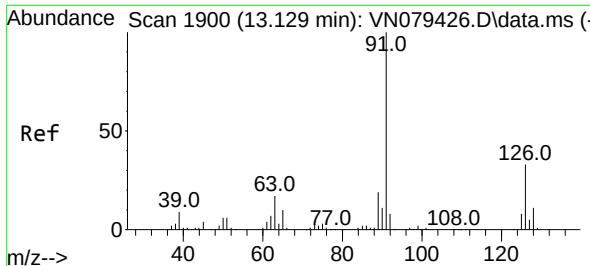
Tgt Ion: 91 Resp: 855620

Ion Ratio Lower Upper

91 100

120 21.3 11.5 34.4





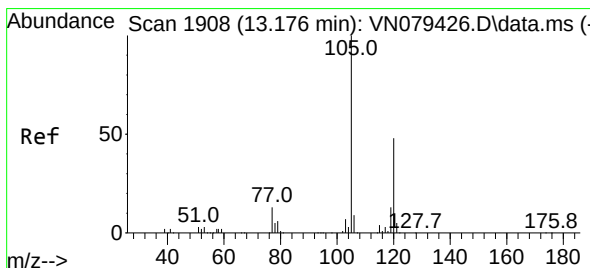
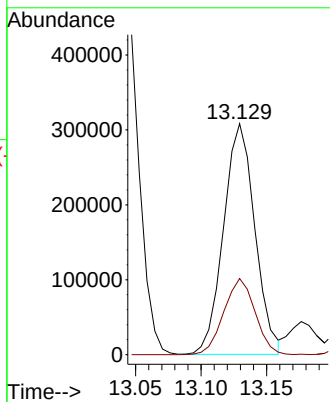
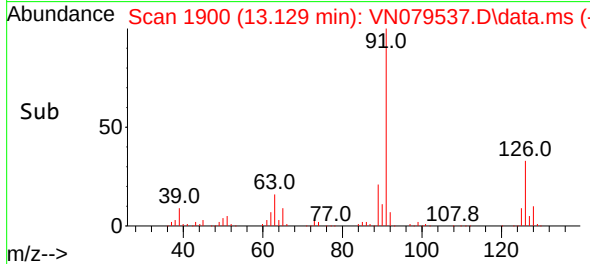
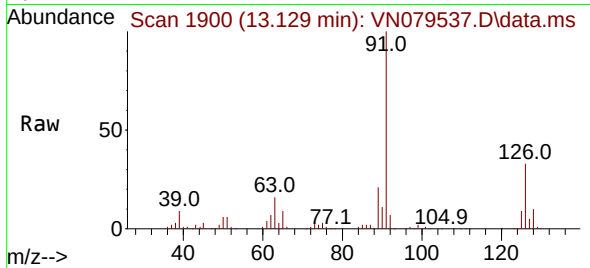
#79
2-Chlorotoluene
Concen: 41.174 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 51342
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.8

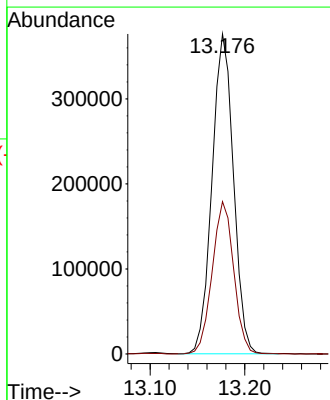
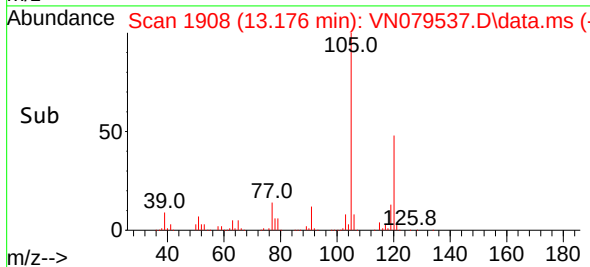
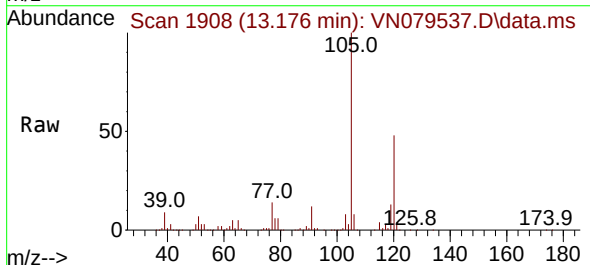
Manual Integrations
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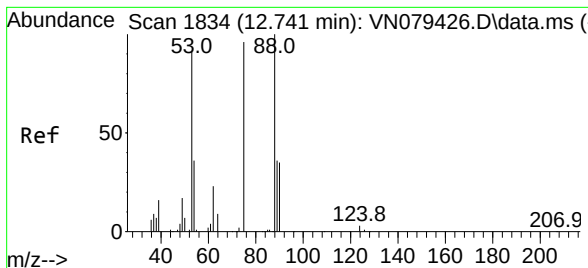
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.600 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

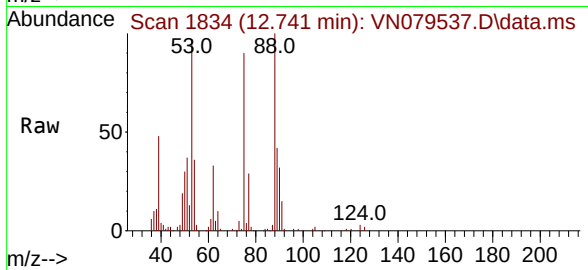
Tgt Ion:105 Resp: 592154
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 38.435 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

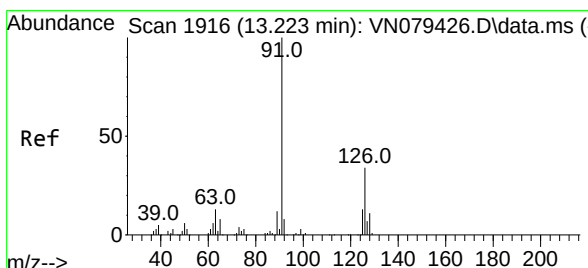
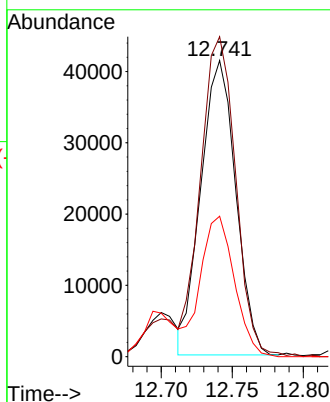
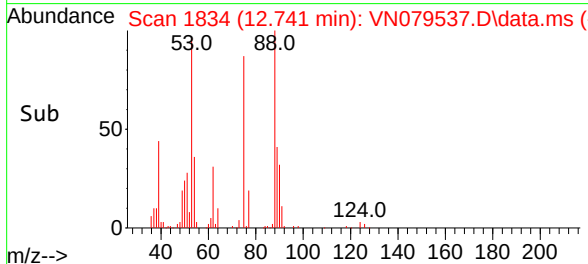
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 70708
Ion Ratio Lower Upper
75 100
53 122.6 67.4 101.2
89 47.1 38.8 58.2

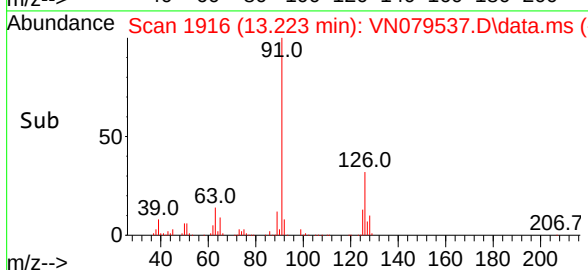
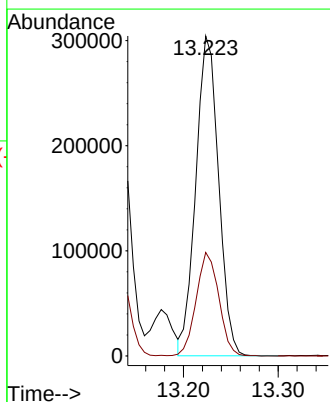
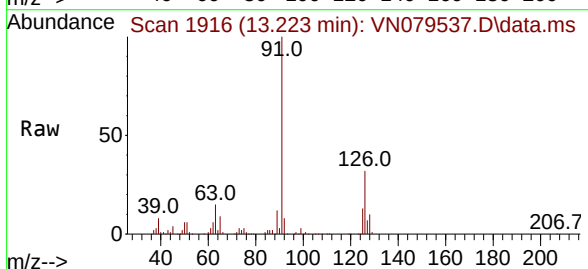
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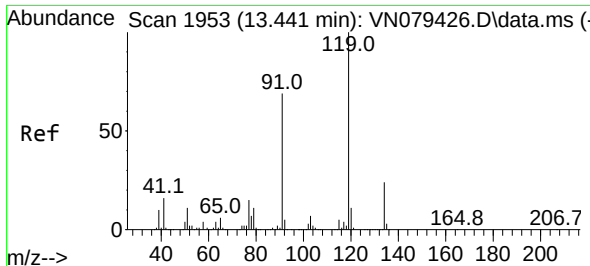
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023



#82
4-Chlorotoluene
Concen: 42.799 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

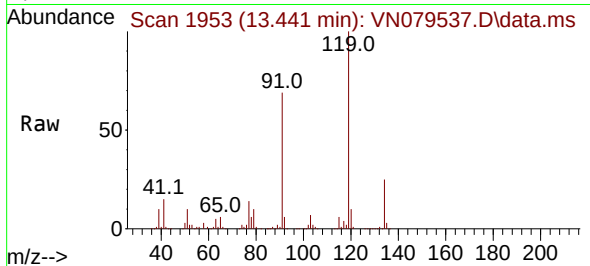
Tgt Ion: 91 Resp: 507843
Ion Ratio Lower Upper
91 100
126 32.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 42.213 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

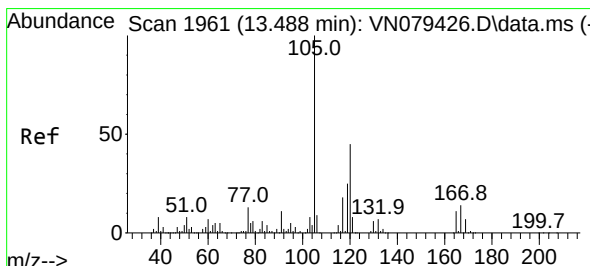
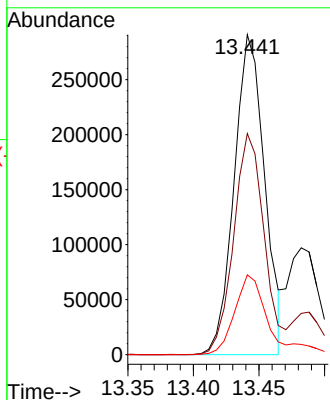
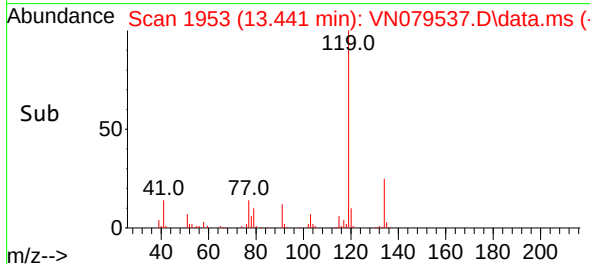
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



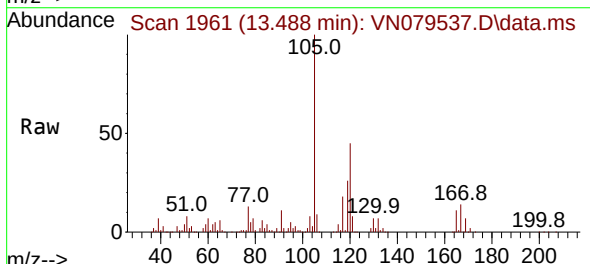
Tgt Ion:119 Resp: 469720
Ion Ratio Lower Upper
119 100
91 69.8 33.9 101.7
134 27.6 13.2 39.6

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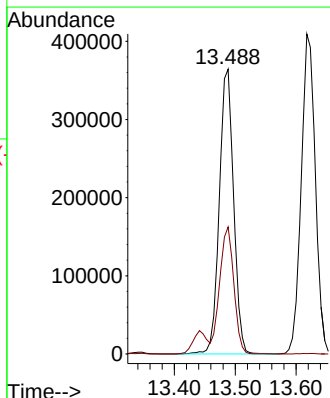
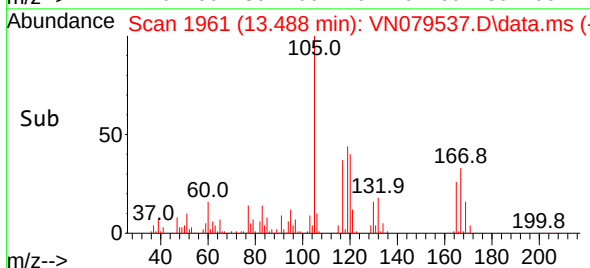
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

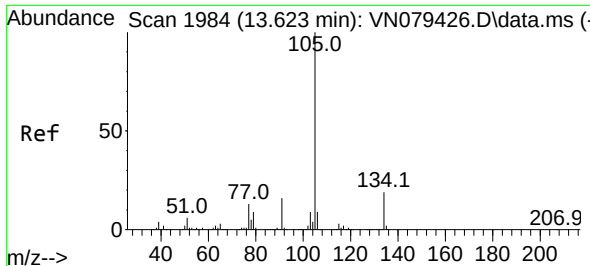


#84
1,2,4-Trimethylbenzene
Concen: 45.832 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion:105 Resp: 594042
Ion Ratio Lower Upper
105 100
120 44.0 22.0 66.0





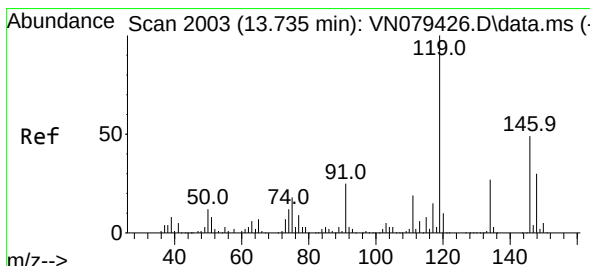
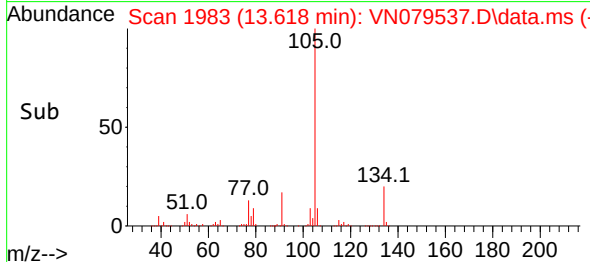
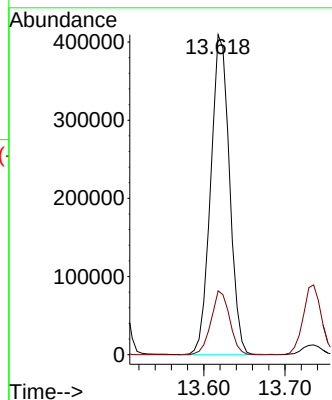
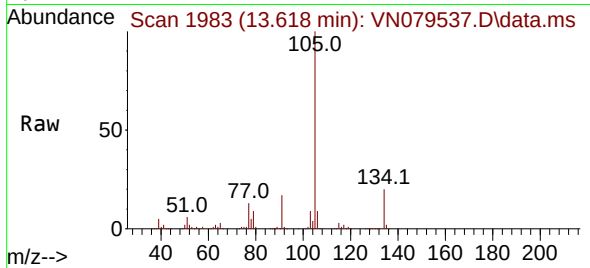
#85
 sec-Butylbenzene
 Concen: 42.379 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 657760
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3

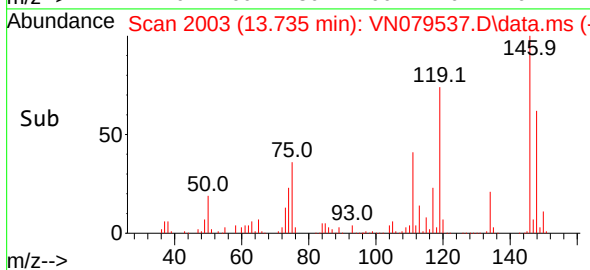
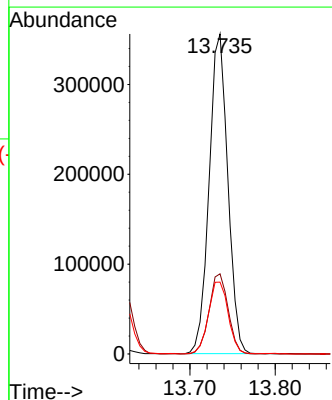
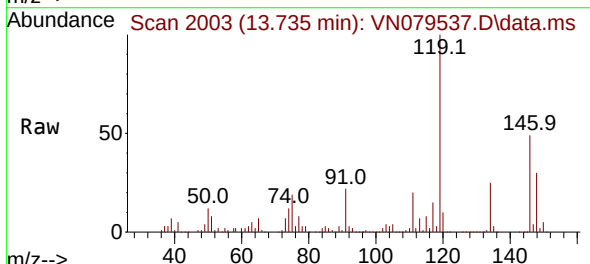
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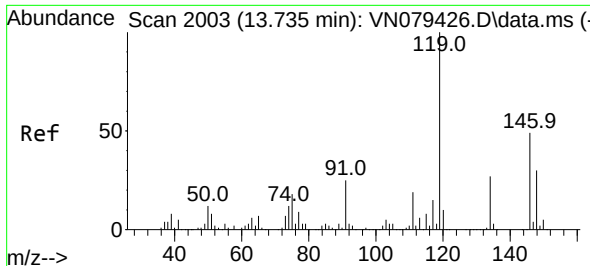
Reviewed By :John Carlone 10/13/2023
 Supervised By :Mahesh Dadoda 10/13/2023



#86
 p-Isopropyltoluene
 Concen: 45.475 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079537.D
 Acq: 12 Oct 2023 11:39

Tgt Ion:119 Resp: 541459
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 23.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.274 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

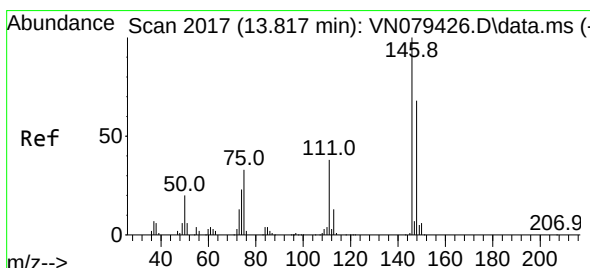
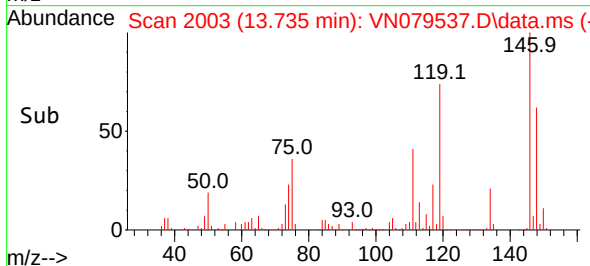
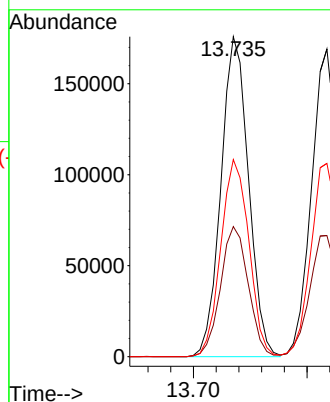
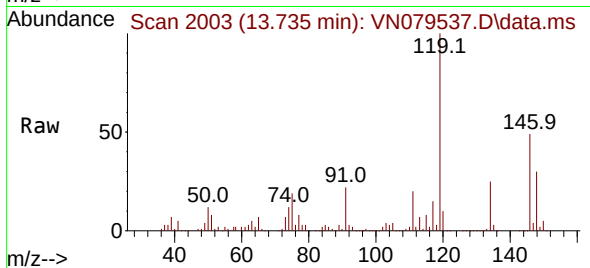
Tgt Ion:146 Resp: 296558
 Ion Ratio Lower Upper
 146 100
 111 41.0 22.1 66.3
 148 62.8 32.0 96.0

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#88

1,4-Dichlorobenzene

Concen: 40.493 ug/l

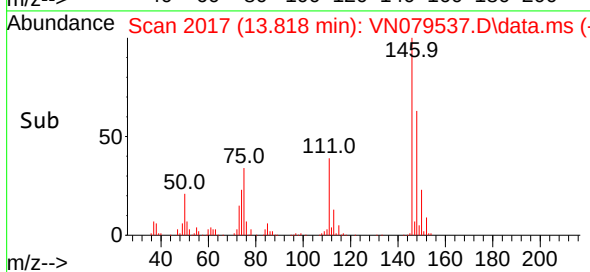
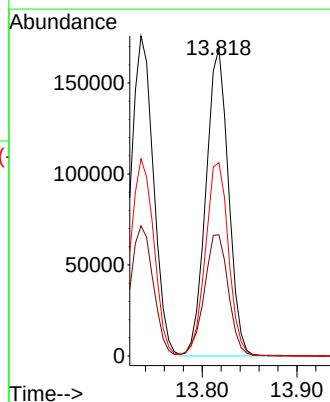
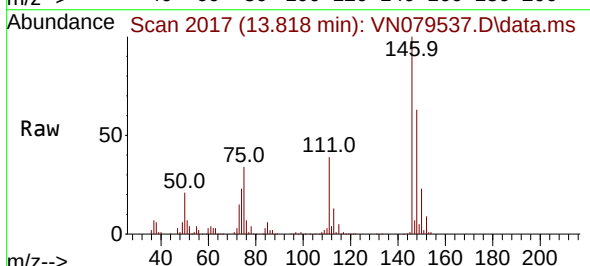
RT: 13.818 min Scan# 2017

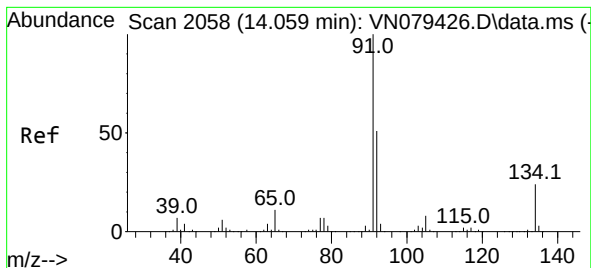
Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Tgt Ion:146 Resp: 280064
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.6 61.8
 148 64.6 31.6 94.8





#89

n-Butylbenzene

Concen: 44.990 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

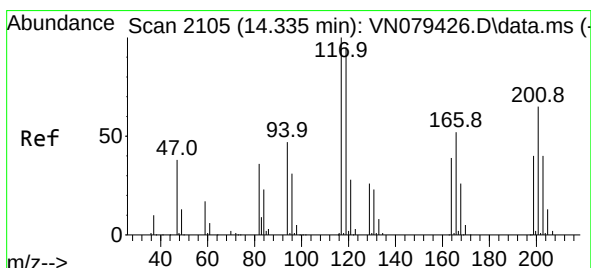
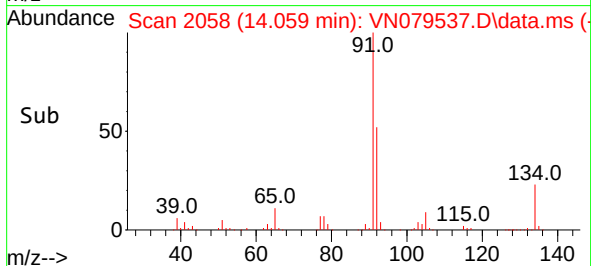
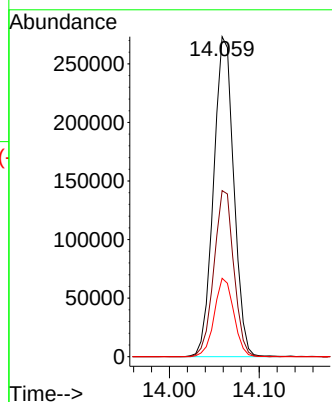
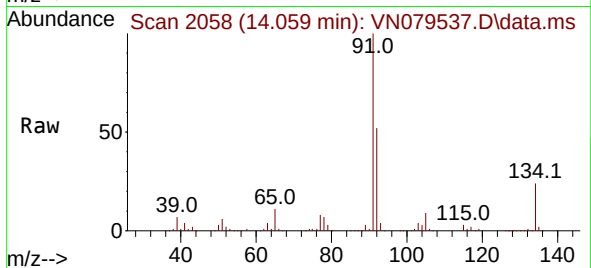
Tgt Ion: 91 Resp: 427779
 Ion Ratio Lower Upper
 91 100
 92 51.0 26.4 79.0
 134 23.6 12.6 37.6

Manual Integrations

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Reviewed By :John Carlone 10/13/2023

Supervised By :Mahesh Dadoda 10/13/2023



#90

Hexachloroethane

Concen: 43.841 ug/l

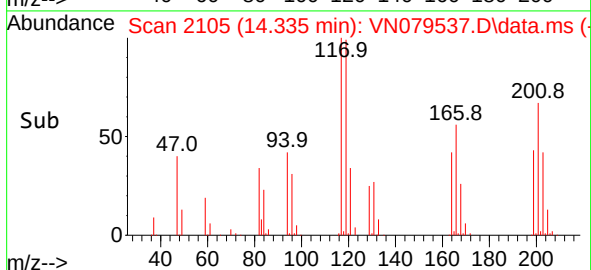
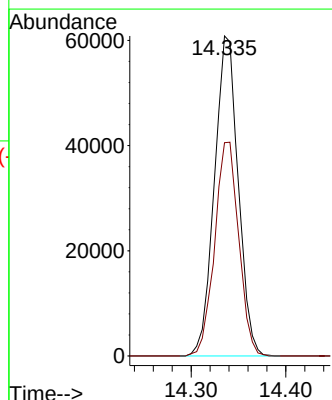
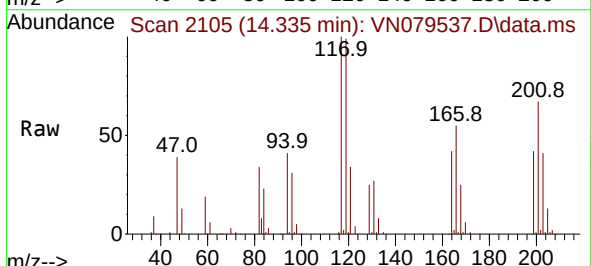
RT: 14.335 min Scan# 2105

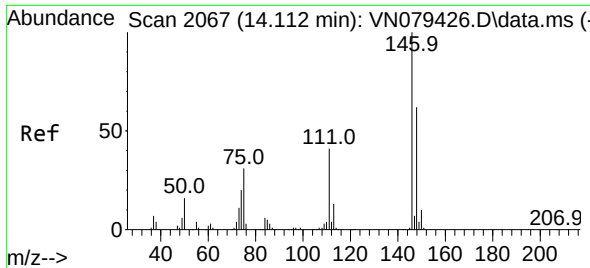
Delta R.T. 0.000 min

Lab File: VN079537.D

Acq: 12 Oct 2023 11:39

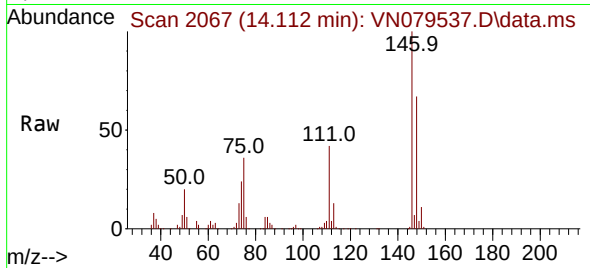
Tgt Ion:117 Resp: 106288
 Ion Ratio Lower Upper
 117 100
 201 67.5 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 43.805 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

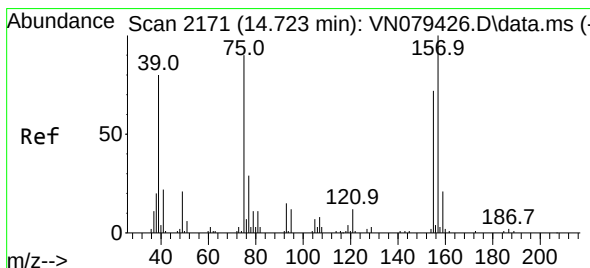
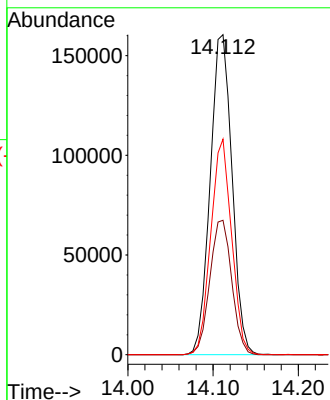
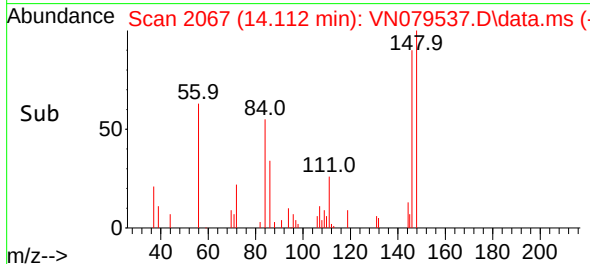
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



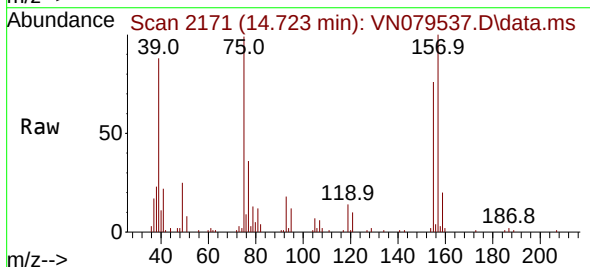
Tgt Ion:146 Resp: 286208
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 64.3 31.8 95.3

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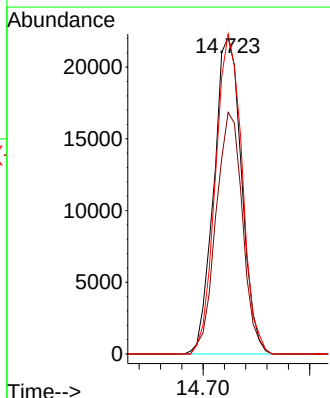
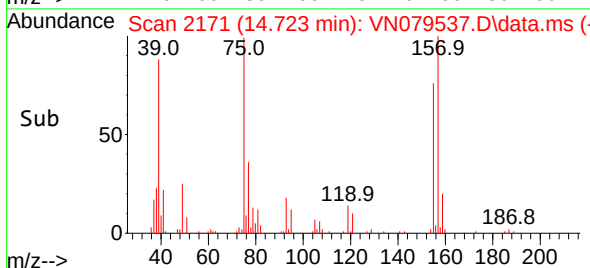
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

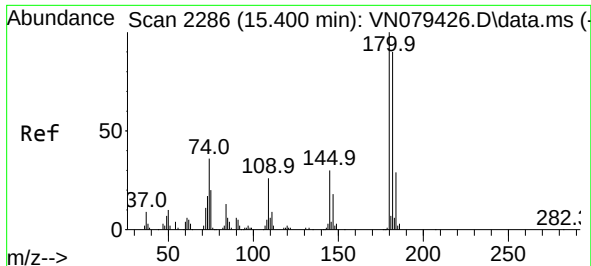


#92
1,2-Dibromo-3-Chloropropane
Concen: 39.826 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



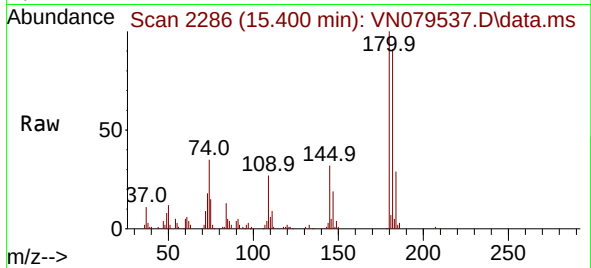
Tgt Ion: 75 Resp: 39664
Ion Ratio Lower Upper
75 100
155 73.6 39.1 117.2
157 97.1 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 44.617 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

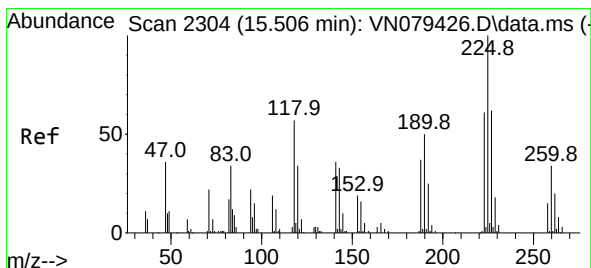
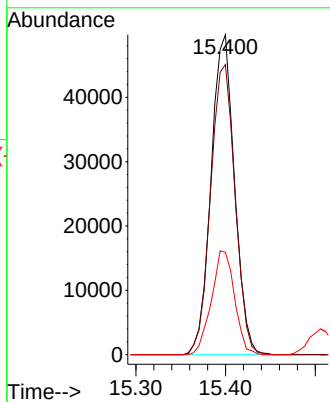
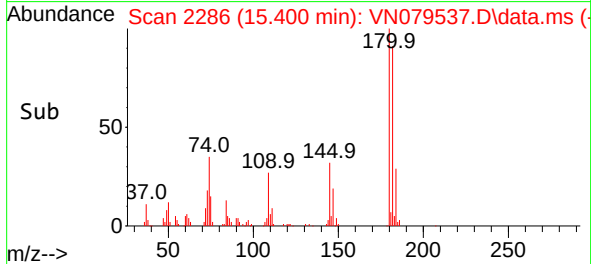
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



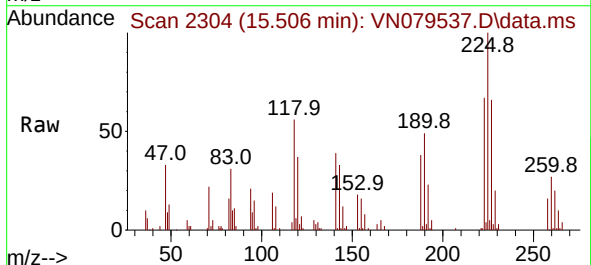
Tgt Ion:180 Resp: 90280
Ion Ratio Lower Upper
180 100
182 94.0 46.1 138.2
145 32.0 16.6 49.8

Manual Integrations
APPROVED

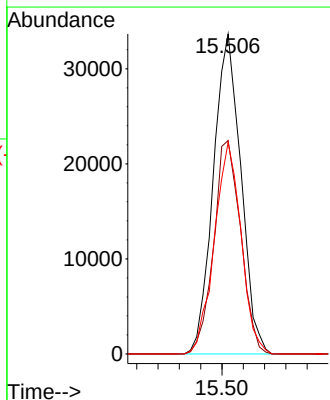
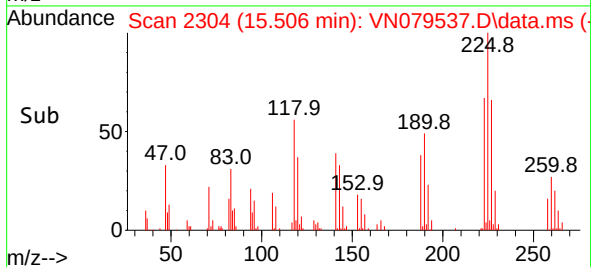
Reviewed By :John Carlone 10/13/2023
Supervised By :Mahesh Dadoda 10/13/2023

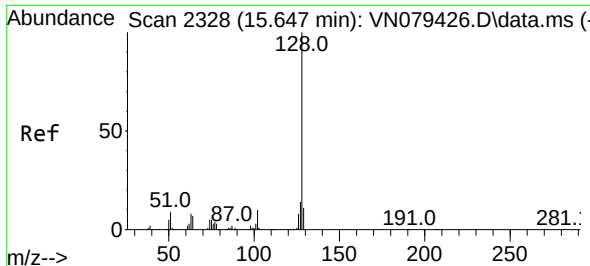


#94
Hexachlorobutadiene
Concen: 38.317 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



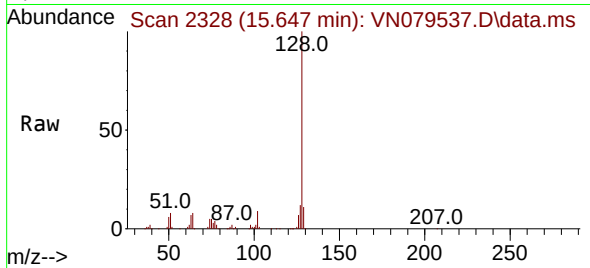
Tgt Ion:225 Resp: 60389
Ion Ratio Lower Upper
225 100
223 65.3 31.3 93.8
227 64.1 31.9 95.9





#95
Naphthalene
Concen: 40.339 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39

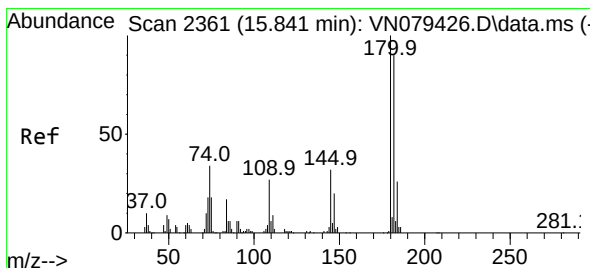
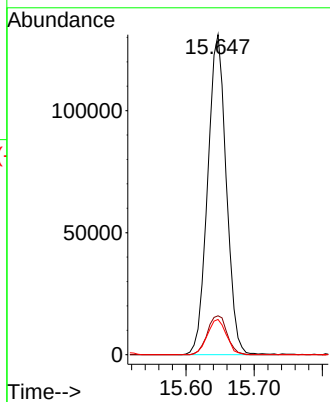
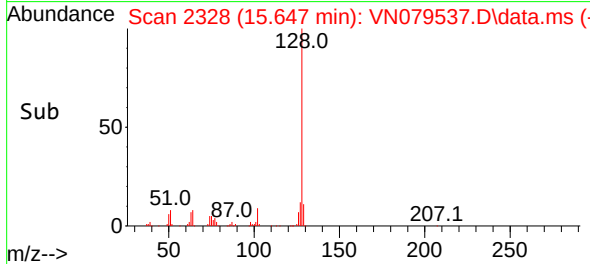
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



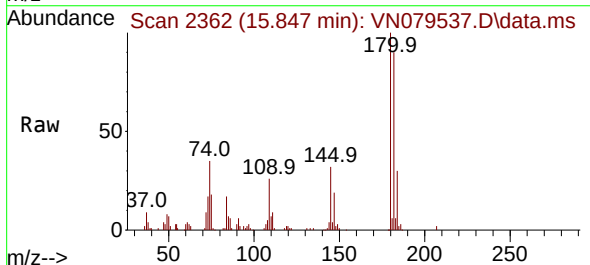
Tgt Ion:128 Resp: 249264
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 39.747 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079537.D
Acq: 12 Oct 2023 11:39



Tgt Ion:180 Resp: 95981
Ion Ratio Lower Upper
180 100
182 93.8 46.2 138.6
145 32.9 17.5 52.6

