

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079690.D
 Acq On : 26 Oct 2023 10:42
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 01:17:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	250550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	419045	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	389839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	177840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	199681	49.153	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.300%		
35) Dibromofluoromethane	8.171	113	160358	53.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.500%		
50) Toluene-d8	10.571	98	580725	53.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.600%		
62) 4-Bromofluorobenzene	12.853	95	201507	57.626	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	115.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	163107	45.430	ug/l	97
3) Chloromethane	2.365	50	190436	42.510	ug/l	98
4) Vinyl Chloride	2.518	62	218861	46.969	ug/l	97
5) Bromomethane	2.942	94	154097	55.243	ug/l	99
6) Chloroethane	3.112	64	143184	40.759	ug/l	98
7) Trichlorofluoromethane	3.495	101	265669	48.289	ug/l	97
8) Diethyl Ether	3.965	74	98814	50.380	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	155488	48.362	ug/l	100
10) Methyl Iodide	4.589	142	175252	62.817	ug/l	98
11) Tert butyl alcohol	5.524	59	124418	203.486	ug/l	99
12) 1,1-Dichloroethene	4.336	96	142712	48.209	ug/l	88
13) Acrolein	4.183	56	174739	287.013	ug/l	95
14) Allyl chloride	5.024	41	221267	46.318	ug/l #	91
15) Acrylonitrile	5.724	53	443631	250.265	ug/l	100
16) Acetone	4.430	43	439148	272.540	ug/l	94
17) Carbon Disulfide	4.712	76	380009	41.154	ug/l	99
18) Methyl Acetate	5.030	43	368575	46.735	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	502229	52.215	ug/l	92
20) Methylene Chloride	5.283	84	176482	50.016	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	157340	45.507	ug/l #	81
22) Diisopropyl ether	6.677	45	563762	52.628	ug/l #	91
23) Vinyl Acetate	6.606	43	1553633	257.841	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	327885	50.013	ug/l	96
25) 2-Butanone	7.489	43	608295	254.353	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	265802	53.052	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	191610	51.013	ug/l	86
28) Bromochloromethane	7.818	49	156966	50.321	ug/l #	74
29) Tetrahydrofuran	7.841	42	389488	251.816	ug/l #	76
30) Chloroform	7.971	83	335769	50.690	ug/l	97
31) Cyclohexane	8.265	56	257592	44.701	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	285122	51.148	ug/l	95
36) 1,1-Dichloropropene	8.377	75	246561	54.553	ug/l	94
37) Ethyl Acetate	7.565	43	243561	54.157	ug/l #	90
38) Carbon Tetrachloride	8.365	117	242315	53.554	ug/l	99
39) Methylcyclohexane	9.606	83	230365	53.051	ug/l #	85
40) Benzene	8.612	78	729857	54.375	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	132641	56.101	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	261325	53.580	ug/l	98
43) Isopropyl Acetate	8.694	43	400767	50.865	ug/l #	90
44) Trichloroethene	9.359	130	167773	53.105	ug/l	98
45) 1,2-Dichloropropane	9.624	63	195591	55.305	ug/l #	88
46) Dibromomethane	9.712	93	127750	55.774	ug/l	95
47) Bromodichloromethane	9.888	83	264260	56.087	ug/l	99
48) Methyl methacrylate	9.683	41	185701	55.001	ug/l #	80
49) 1,4-Dioxane	9.700	88	60946	979.995	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1260370	283.376	ug/l	88
52) Toluene	10.635	92	449475	56.888	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	275577	58.039	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	298293	57.389	ug/l #	92
55) 1,1,2-Trichloroethane	11.018	97	179230	56.503	ug/l	94
56) Ethyl methacrylate	10.877	69	264241	60.623	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	312543	57.062	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	528673	316.710	ug/l	89
59) 2-Hexanone	11.200	43	926308	288.615	ug/l	88
60) Dibromochloromethane	11.365	129	190365	59.714	ug/l	99
61) 1,2-Dibromoethane	11.471	107	176428	56.046	ug/l	98
64) Tetrachloroethene	11.106	164	139547	52.035	ug/l	93
65) Chlorobenzene	11.894	112	459349	52.910	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	177813	55.937	ug/l	97
67) Ethyl Benzene	11.965	91	854249	56.611	ug/l	95
68) m/p-Xylenes	12.077	106	649584	118.476	ug/l	95
69) o-Xylene	12.406	106	306097	56.768	ug/l	90
70) Styrene	12.412	104	525773	61.731	ug/l	98
71) Bromoform	12.582	173	129212	55.539	ug/l #	99
73) Isopropylbenzene	12.700	105	806459	48.744	ug/l	99
74) N-amyl acetate	12.500	43	327775	48.325	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	271645	50.889	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	242010m	47.197	ug/l	
77) Bromobenzene	12.982	156	184512	45.482	ug/l	93
78) n-propylbenzene	13.041	91	964736	51.538	ug/l	97
79) 2-Chlorotoluene	13.129	91	576325	48.114	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	682713	52.329	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	83695	47.360	ug/l	86
82) 4-Chlorotoluene	13.224	91	561149	49.231	ug/l	100
83) tert-Butylbenzene	13.441	119	541950	50.701	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	708520	56.906	ug/l	99
85) sec-Butylbenzene	13.618	105	764649	51.286	ug/l	100
86) p-Isopropyltoluene	13.735	119	617793	54.013	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	333918	51.896	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	324417	48.830	ug/l	99
89) n-Butylbenzene	14.059	91	520090	56.942	ug/l	98
90) Hexachloroethane	14.335	117	123289	53.161	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	323045	51.471	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43928	45.916	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	109151	56.152	ug/l	97
94) Hexachlorobutadiene	15.506	225	77570	51.237	ug/l	100
95) Naphthalene	15.647	128	284000	47.845	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	112872	48.658	ug/l	97

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Response via : Initial Calibration

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

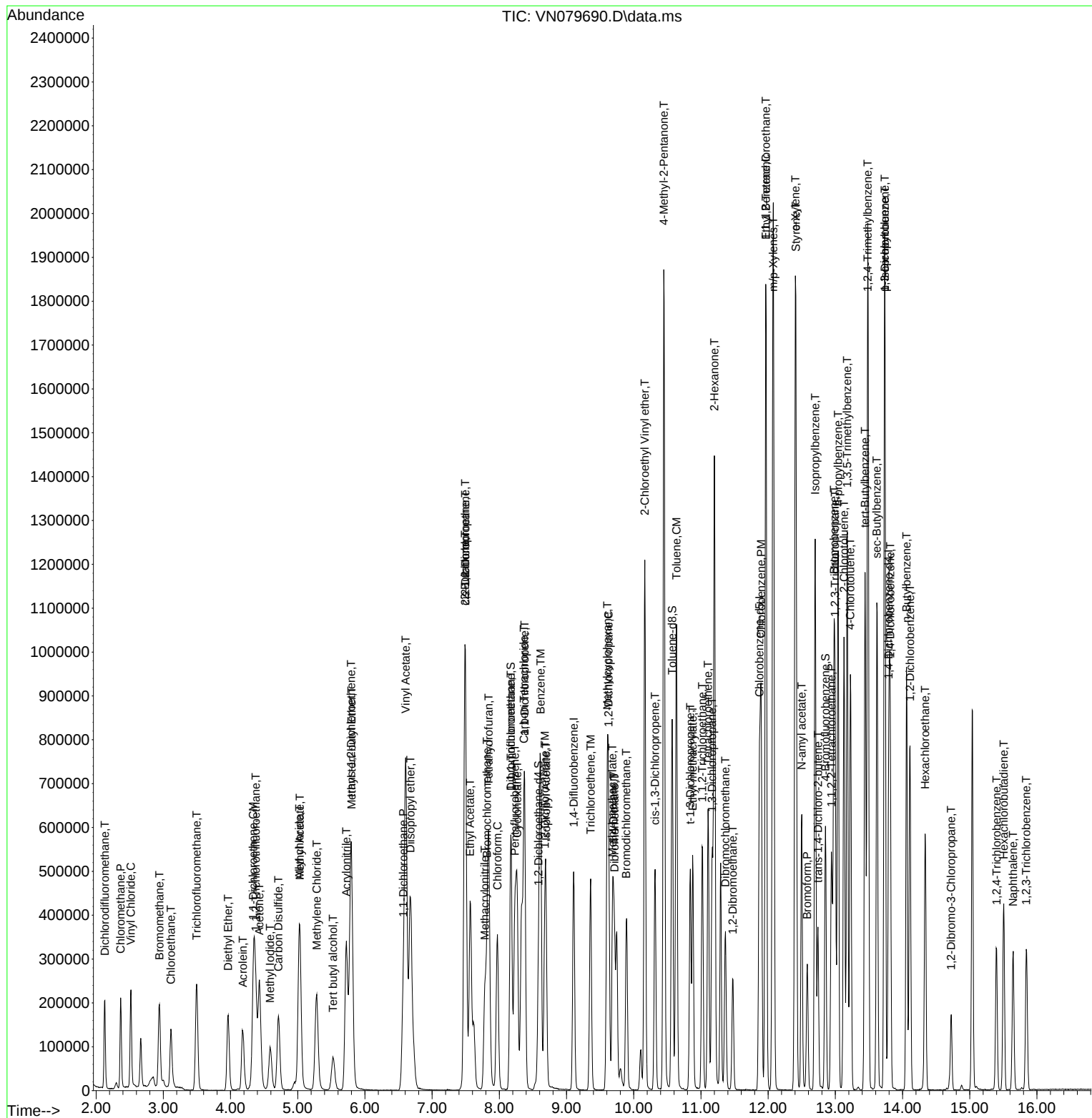
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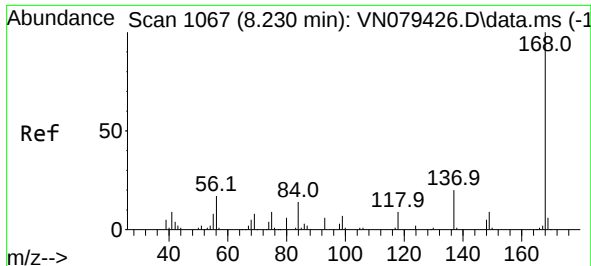
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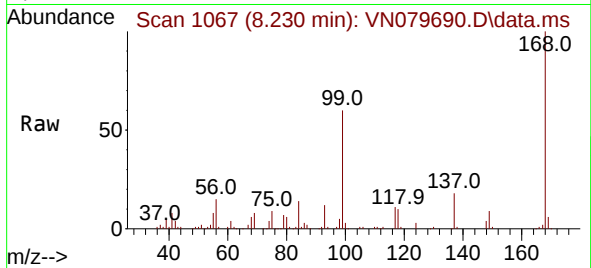
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079690.D
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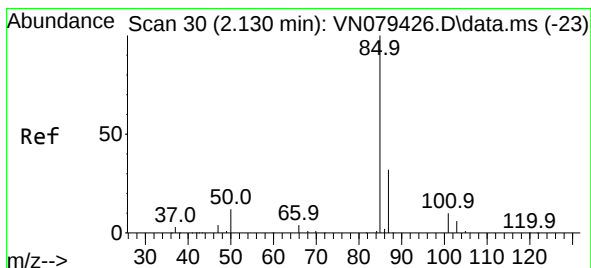
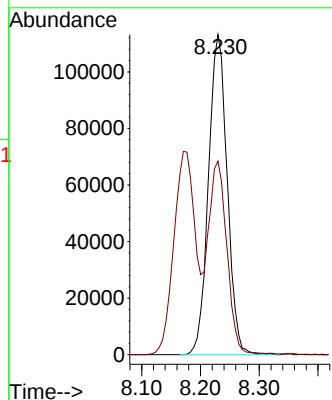
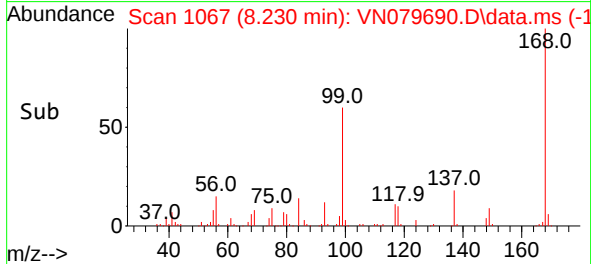
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VSTDCCC050



Tgt Ion:168 Resp: 250550
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6

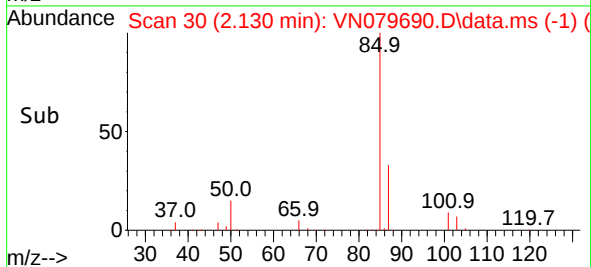
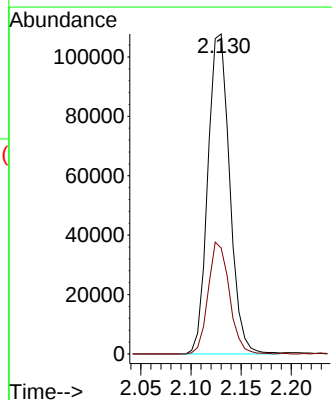
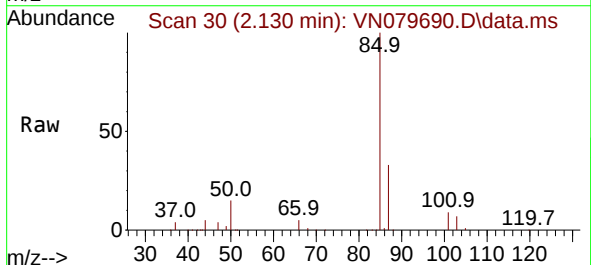
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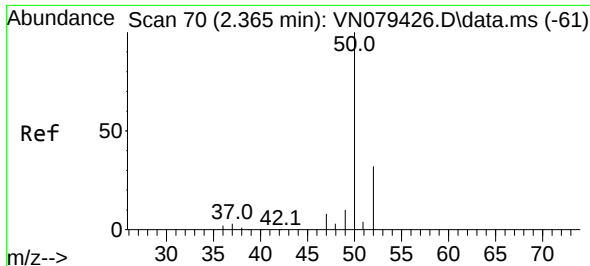
Reviewed By :John Carlone 10/27/2023
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#2
Dichlorodifluoromethane
Concen: 45.430 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

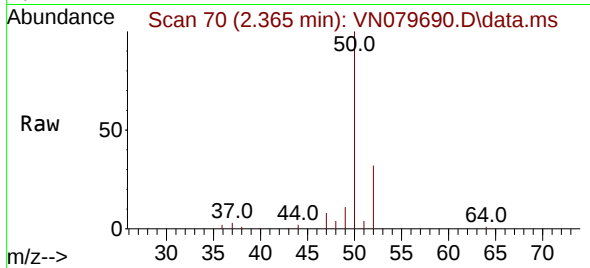
Tgt Ion: 85 Resp: 163107
Ion Ratio Lower Upper
85 100
87 33.1 15.8 47.4





#3
Chloromethane
Concen: 42.510 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

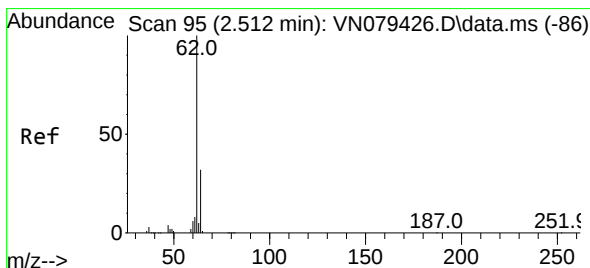
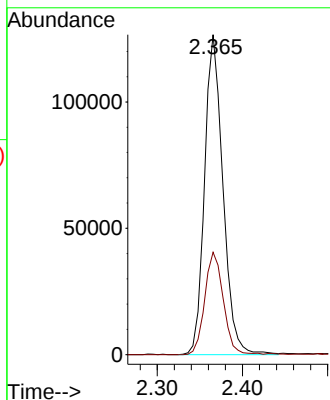
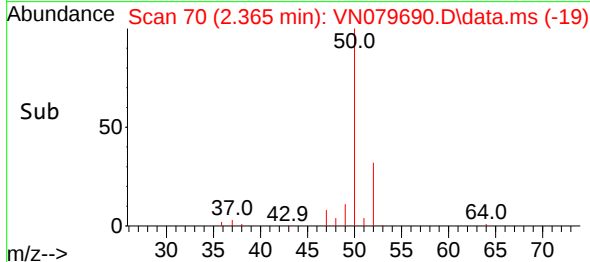
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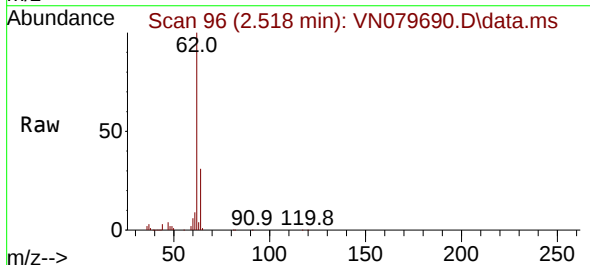
Tgt Ion: 50 Resp: 190430
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7

Manual Integrations
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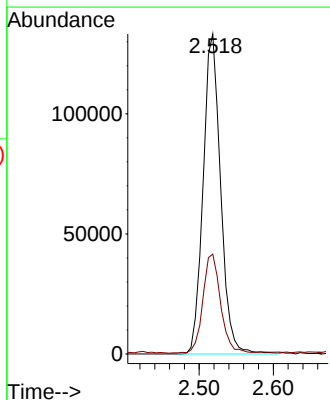
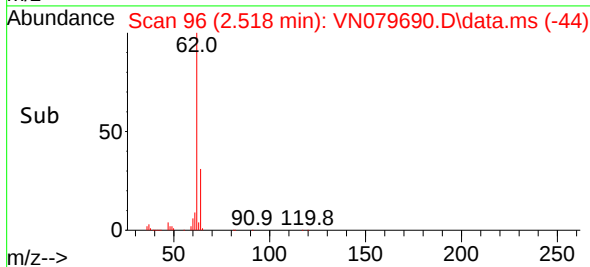
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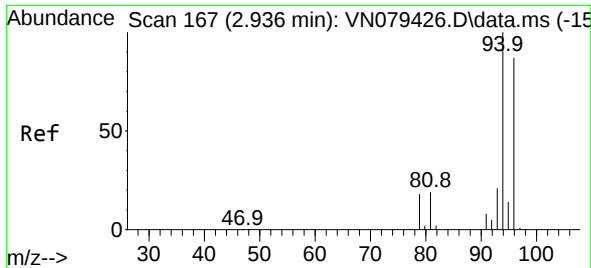


#4
Vinyl Chloride
Concen: 46.969 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



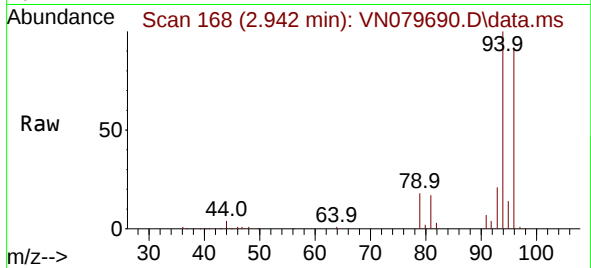
Tgt Ion: 62 Resp: 218861
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 55.243 ug/l
RT: 2.942 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

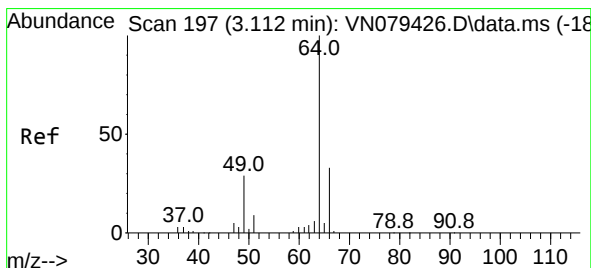
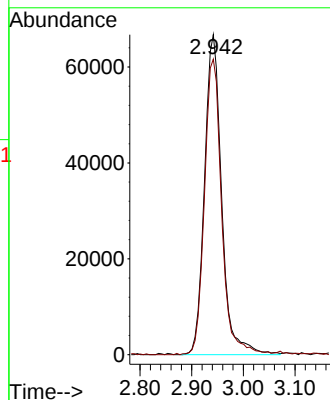
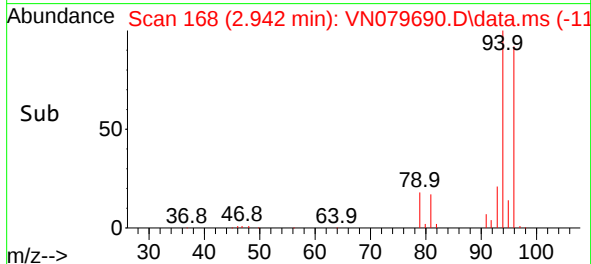
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Tgt Ion: 94 Resp: 15409
Ion Ratio Lower Upper
94 100
96 92.4 73.1 109.7

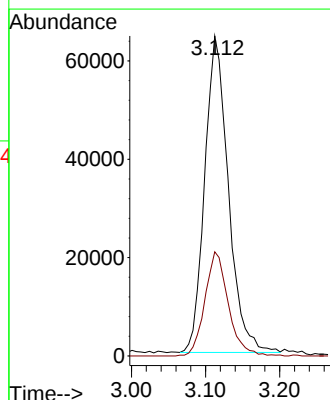
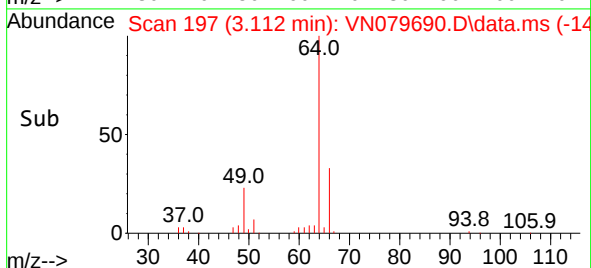
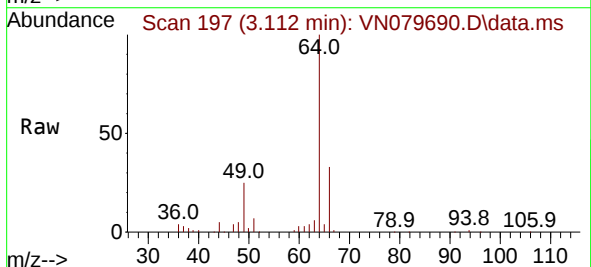
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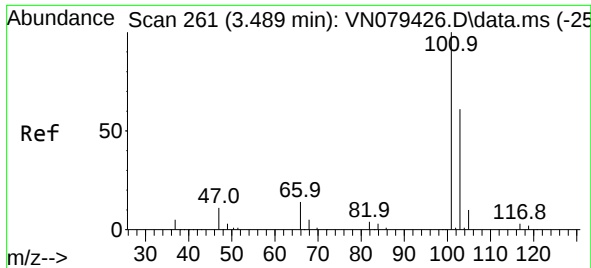
Reviewed By :John Carlone 10/27/2023
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#6
Chloroethane
Concen: 40.759 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

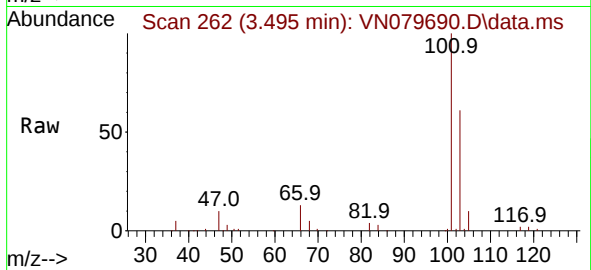
Tgt Ion: 64 Resp: 143184
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.289 ug/l
RT: 3.495 min Scan# 261
Delta R.T. 0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

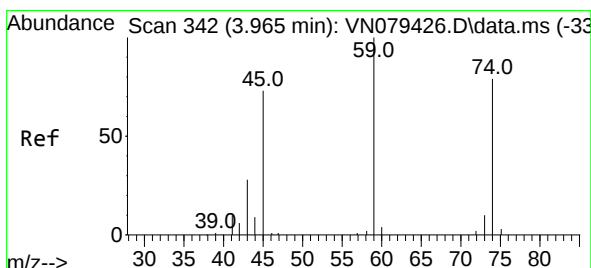
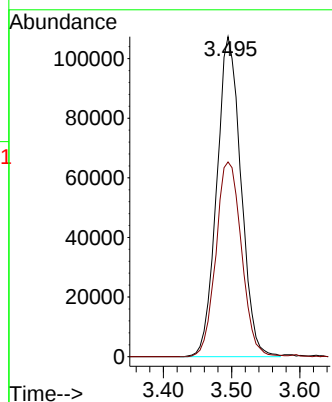
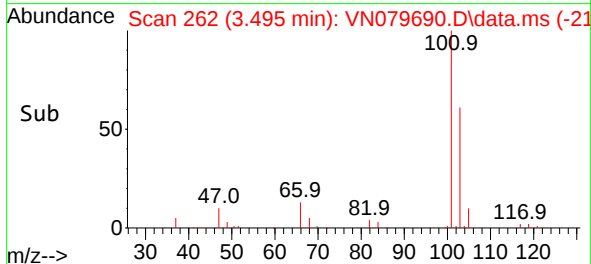
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Tgt Ion:101 Resp: 265669
Ion Ratio Lower Upper
101 100
103 60.8 50.7 76.1

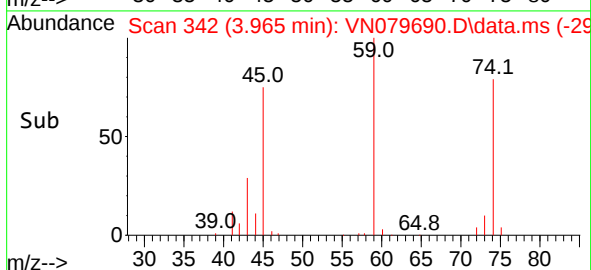
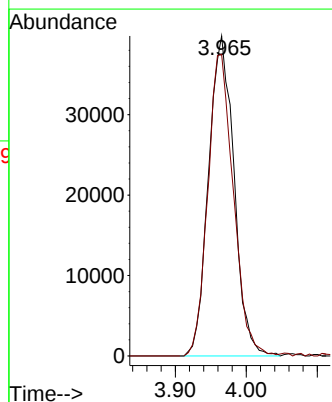
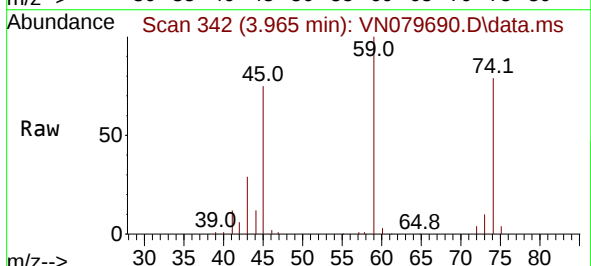
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#8
Diethyl Ether
Concen: 50.380 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion: 74 Resp: 98814
Ion Ratio Lower Upper
74 100
45 95.0 34.4 103.3





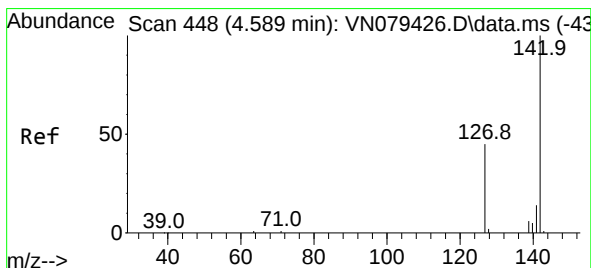
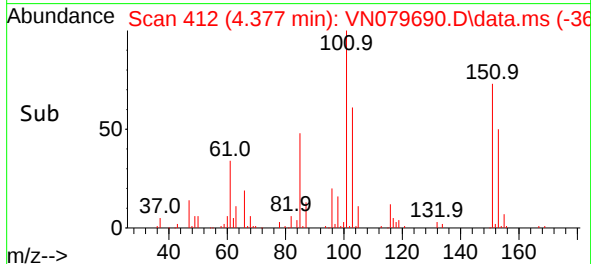
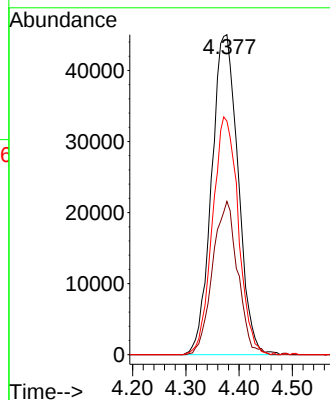
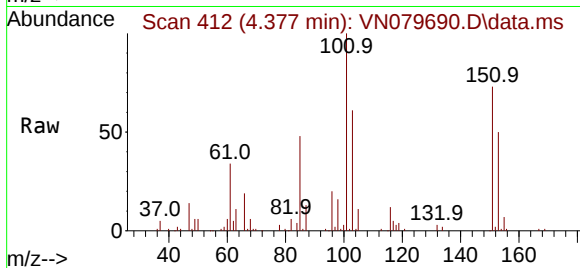
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.362 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 15548
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 72.3 57.6 86.4

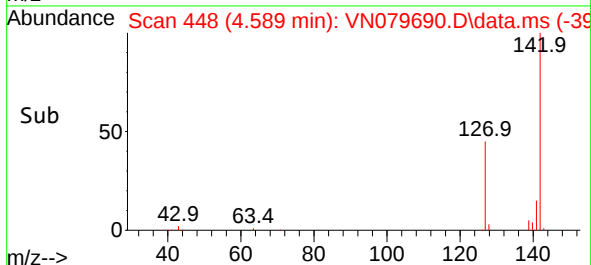
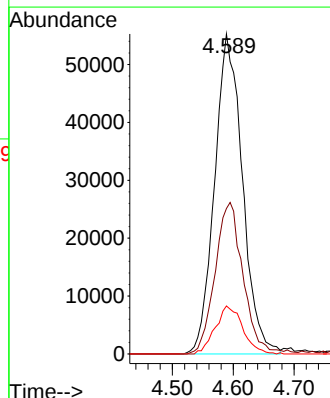
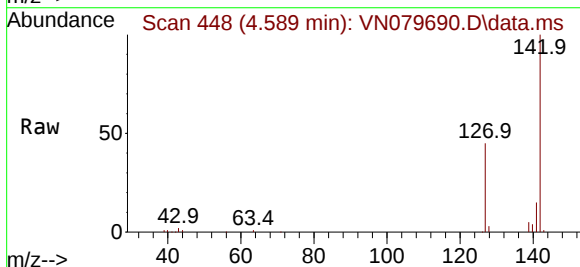
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#10
Methyl Iodide
Concen: 62.817 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

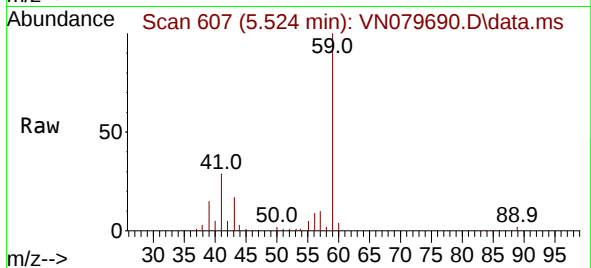
Tgt Ion:142 Resp: 175252
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 15.0 11.4 17.0





#11
Tert butyl alcohol
Concen: 203.486 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

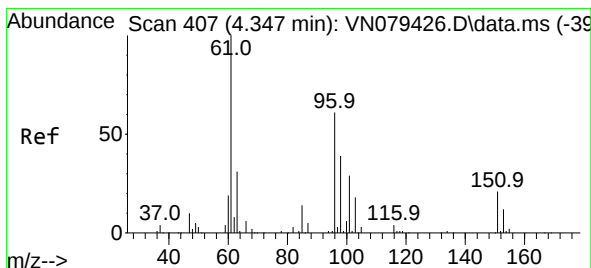
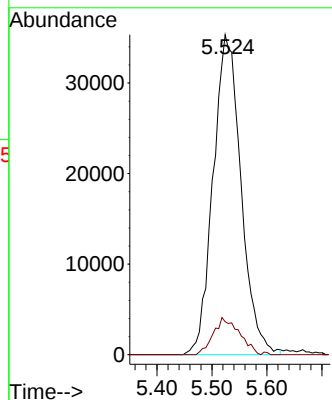
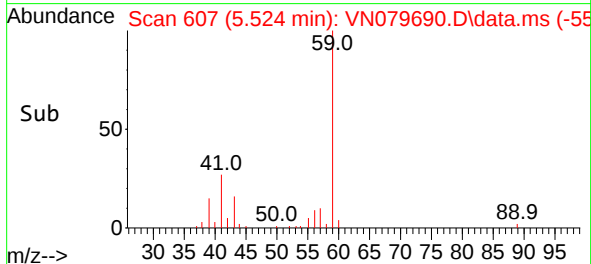
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



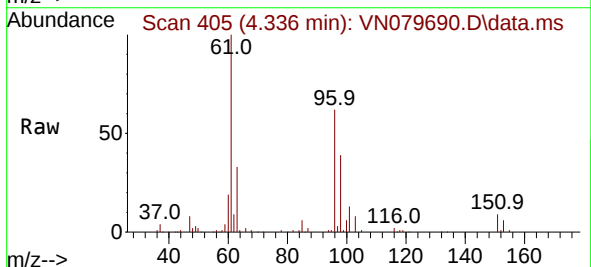
Tgt Ion: 59 Resp: 124418
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

Manual Integrations
APPROVED

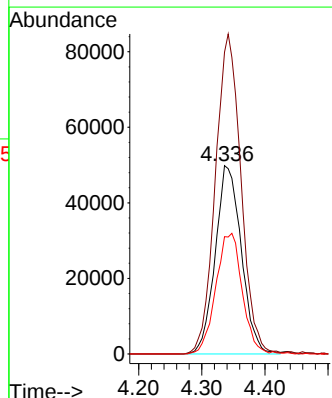
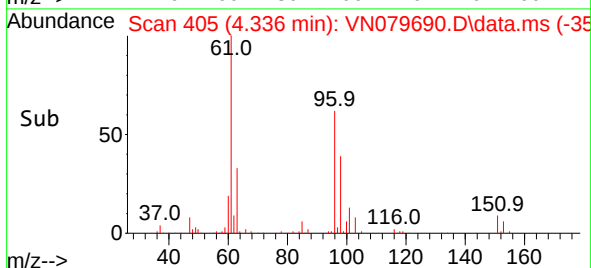
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

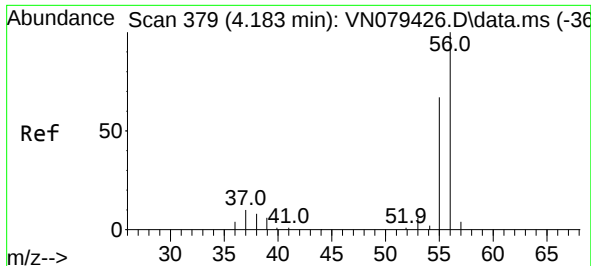


#12
1,1-Dichloroethene
Concen: 48.209 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



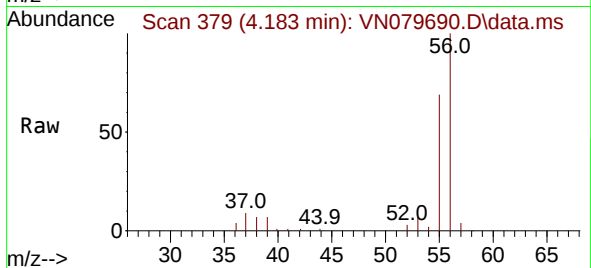
Tgt Ion: 96 Resp: 142712
Ion Ratio Lower Upper
96 100
61 160.3 112.7 169.1
98 62.3 51.2 76.8





#13
Acrolein
Concen: 287.013 ug/l
RT: 4.183 min Scan# 379
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

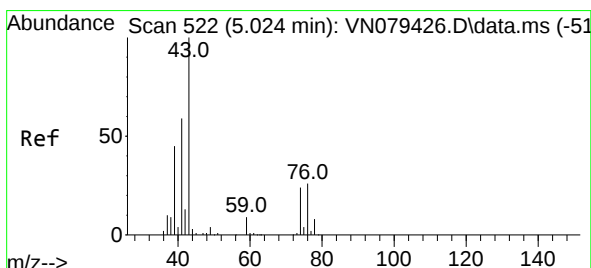
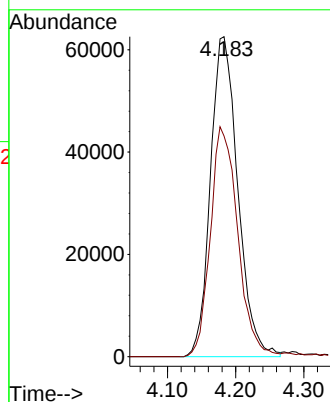
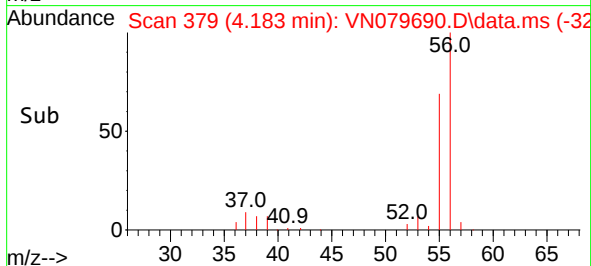
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 174739
Ion Ratio Lower Upper
56 100
55 71.8 54.5 81.7

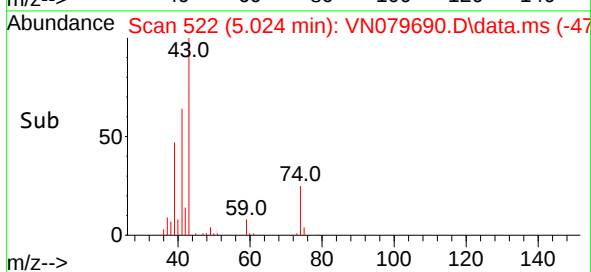
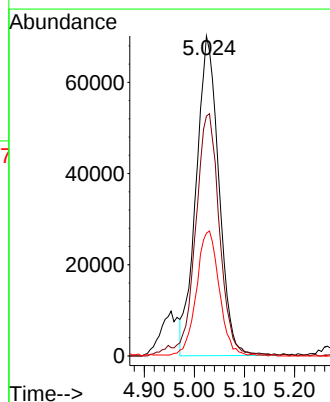
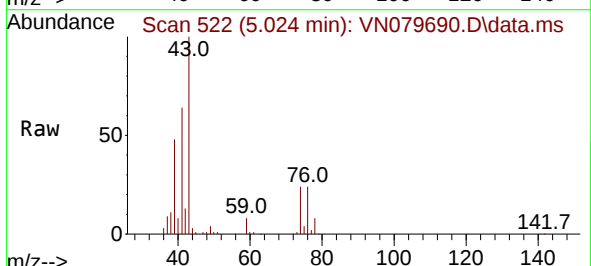
Manual Integrations
APPROVED

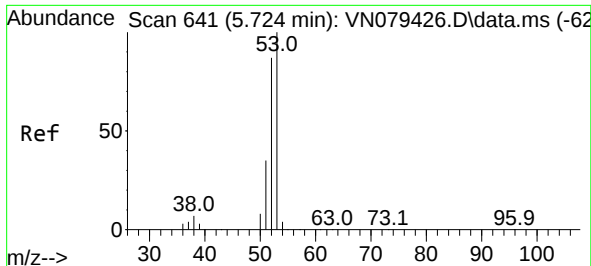
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#14
Allyl chloride
Concen: 46.318 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

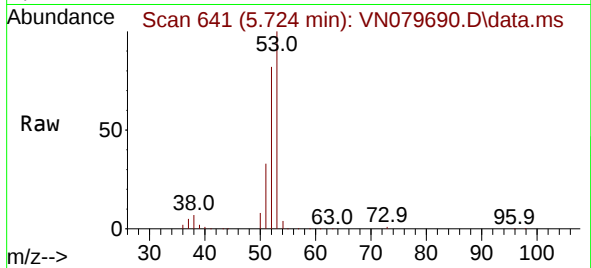
Tgt Ion: 41 Resp: 221267
Ion Ratio Lower Upper
41 100
39 78.1 58.8 88.2
76 38.6 39.1 58.7#





#15
Acrylonitrile
Concen: 250.265 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

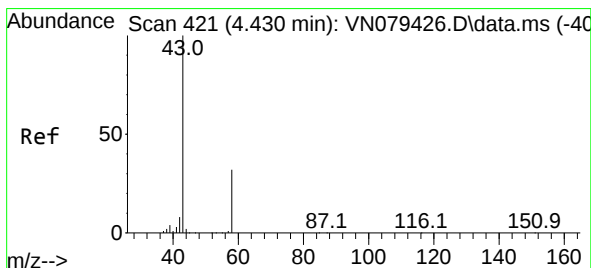
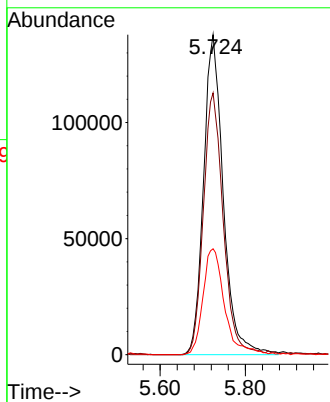
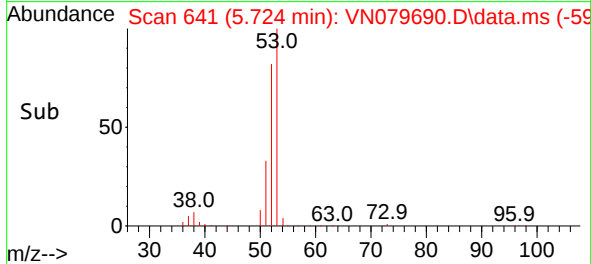
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



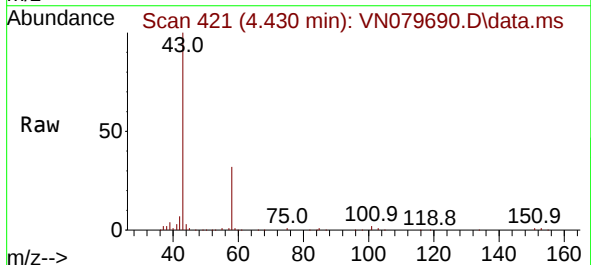
Tgt Ion: 53 Resp: 44363
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 36.2 28.9 43.3

Manual Integrations
APPROVED

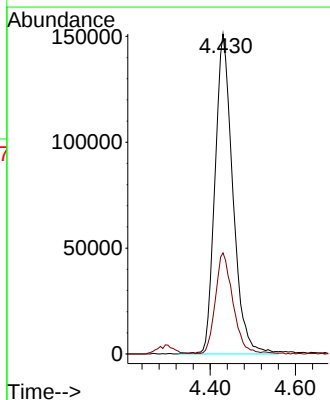
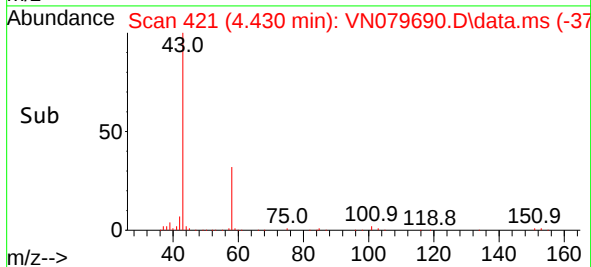
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

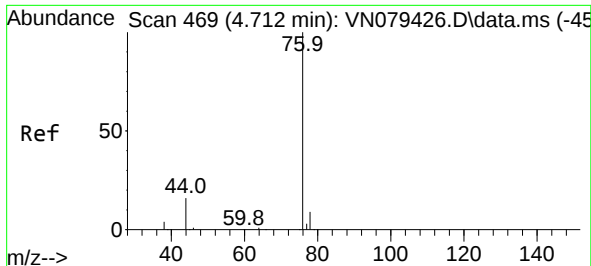


#16
Acetone
Concen: 272.540 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



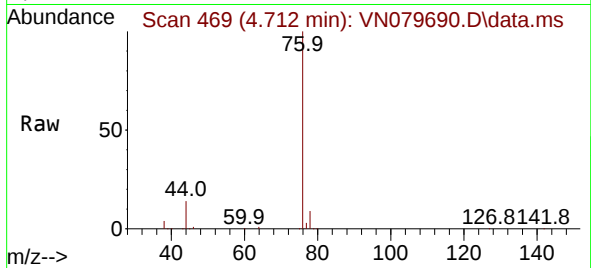
Tgt Ion: 43 Resp: 439148
Ion Ratio Lower Upper
43 100
58 31.3 28.0 42.0





#17
Carbon Disulfide
Concen: 41.154 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

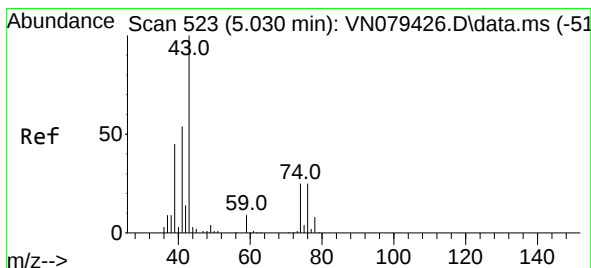
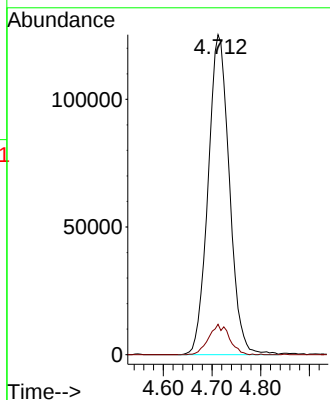
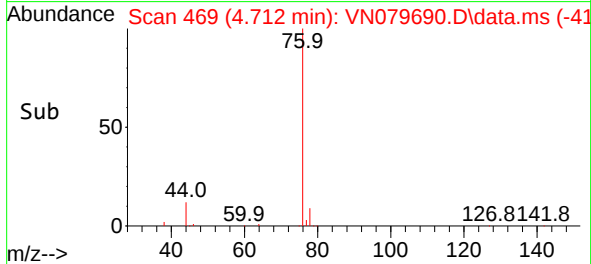
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 380009
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

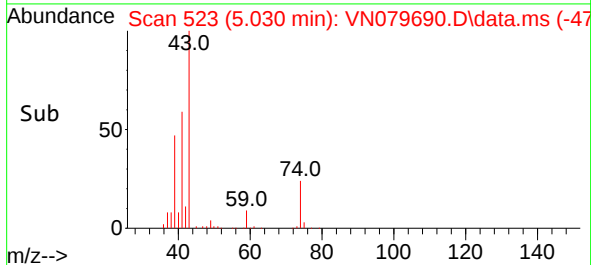
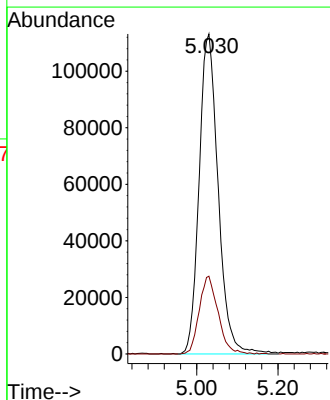
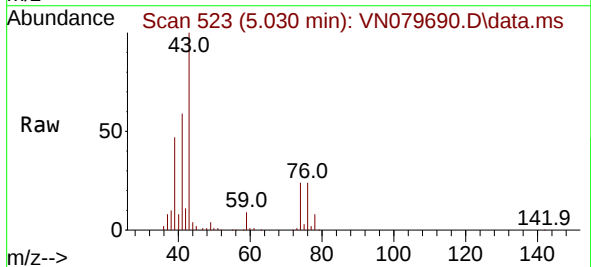
Manual Integrations
APPROVED

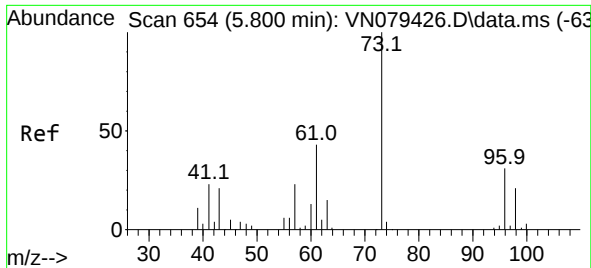
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#18
Methyl Acetate
Concen: 46.735 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion: 43 Resp: 368575
Ion Ratio Lower Upper
43 100
74 24.0 26.2 39.4#





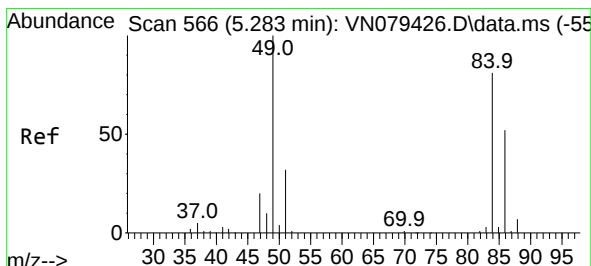
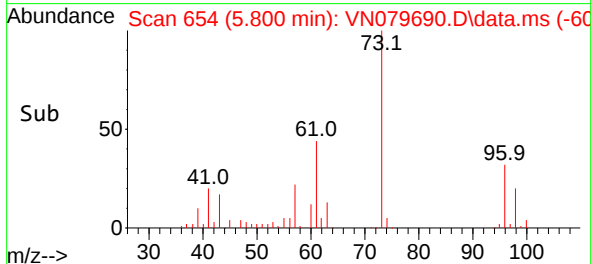
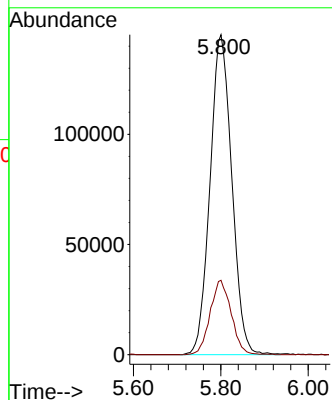
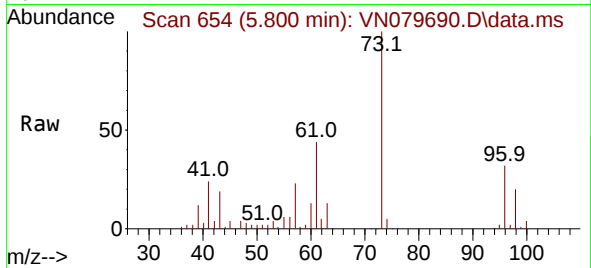
#19
Methyl tert-butyl Ether
Concen: 52.215 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 502229
Ion Ratio Lower Upper
73 100
57 23.3 15.6 23.4

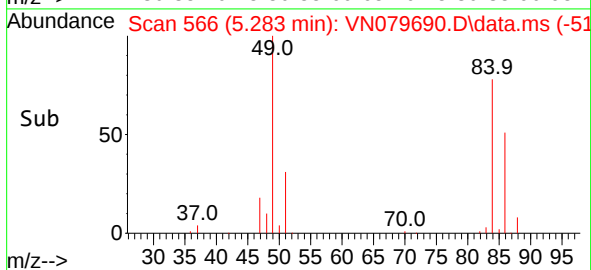
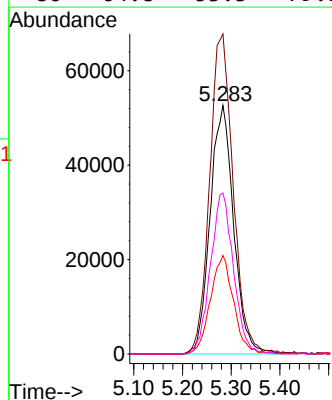
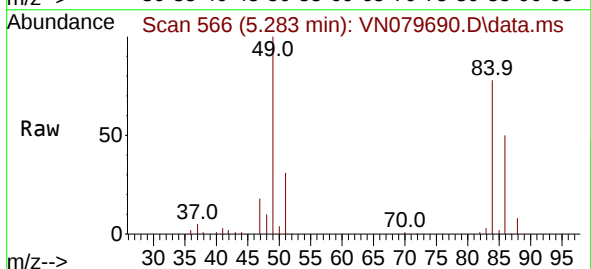
Manual Integrations
APPROVED

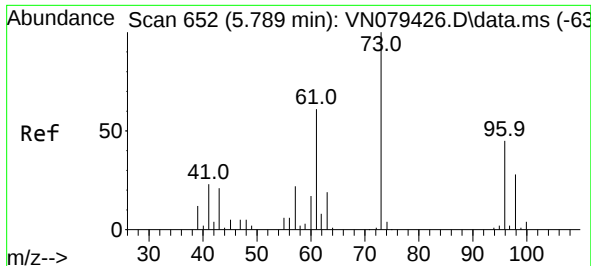
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#20
Methylene Chloride
Concen: 50.016 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion: 84 Resp: 176482
Ion Ratio Lower Upper
84 100
49 128.8 79.7 119.5#
51 39.6 25.2 37.8#
86 64.8 53.3 79.9





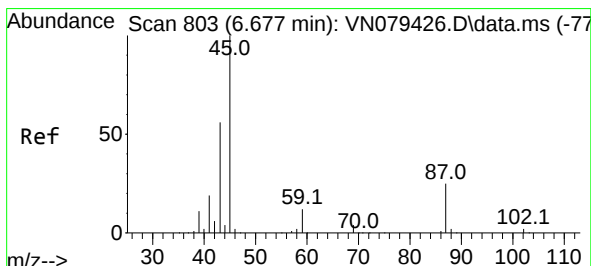
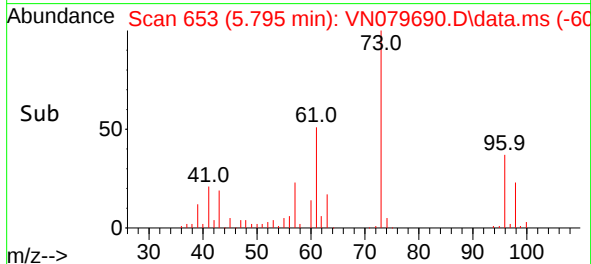
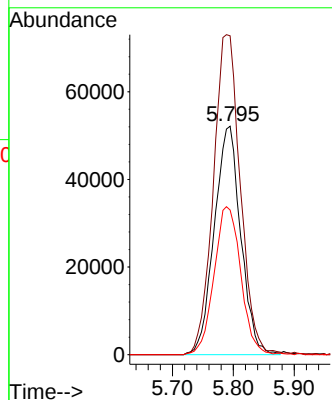
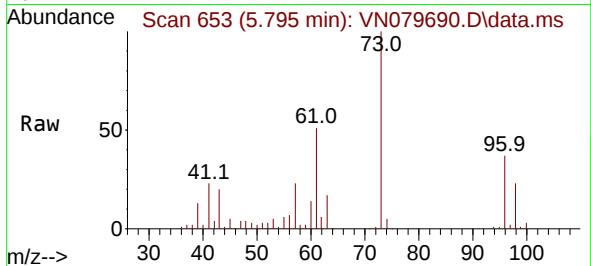
#21
trans-1,2-Dichloroethene
Concen: 45.507 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 157340
Ion Ratio Lower Upper
96 100
61 139.5 90.1 135.1
98 63.3 46.4 69.6

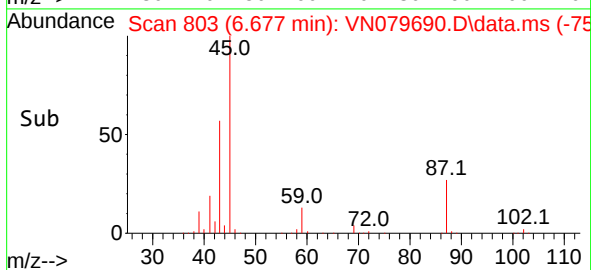
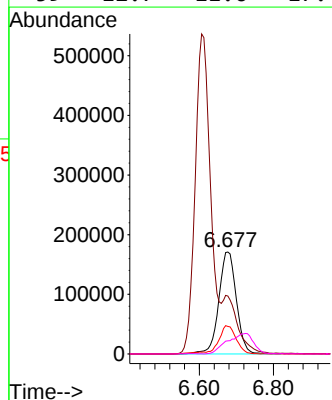
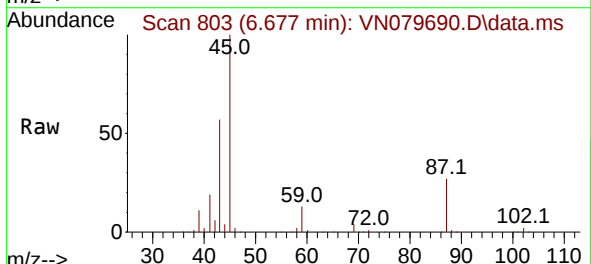
Manual Integrations
APPROVED

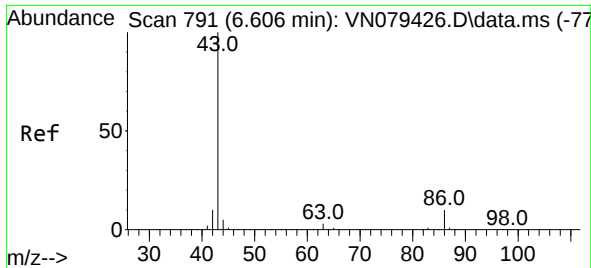
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#22
Diisopropyl ether
Concen: 52.628 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion: 45 Resp: 563762
Ion Ratio Lower Upper
45 100
43 56.1 45.5 68.3
87 26.9 31.8 47.8
59 12.7 11.6 17.4





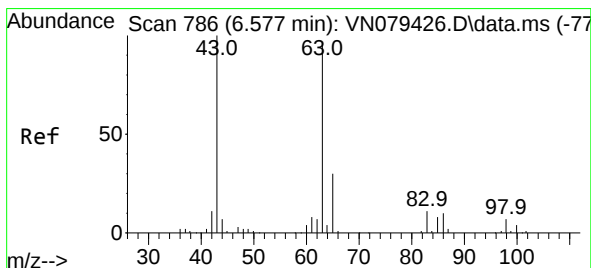
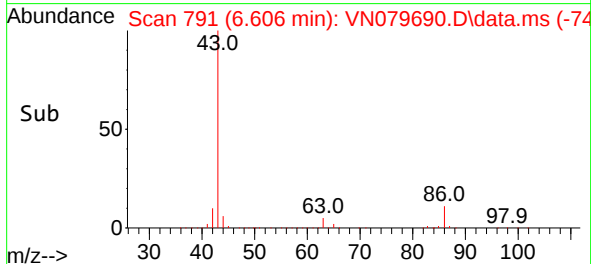
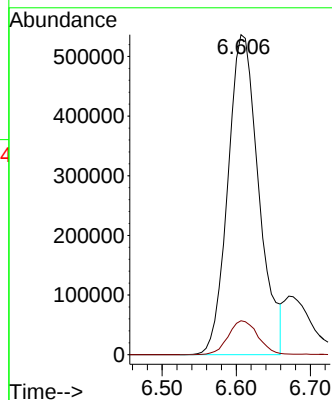
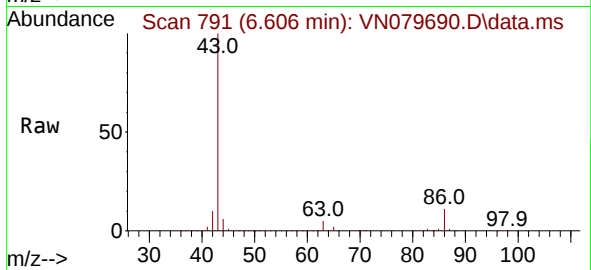
#23
 Vinyl Acetate
 Concen: 257.841 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN079690.D
 Acq: 26 Oct 2023 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 155363
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6

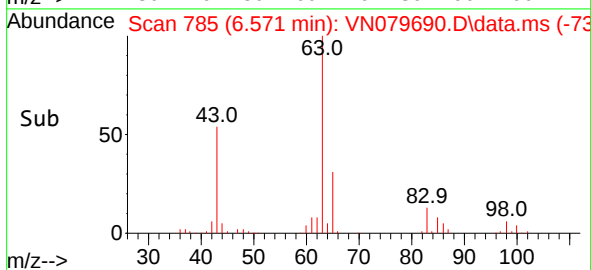
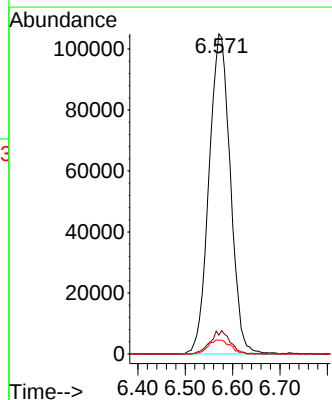
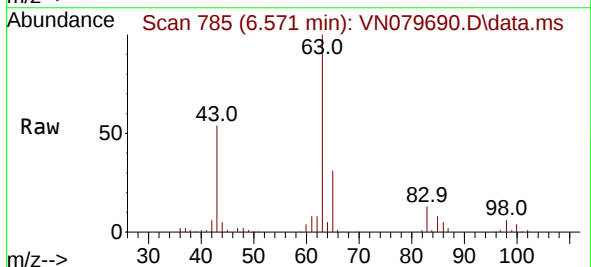
Manual Integrations
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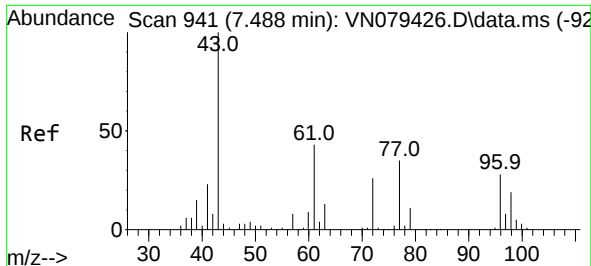
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#24
 1,1-Dichloroethane
 Concen: 50.013 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079690.D
 Acq: 26 Oct 2023 10:42

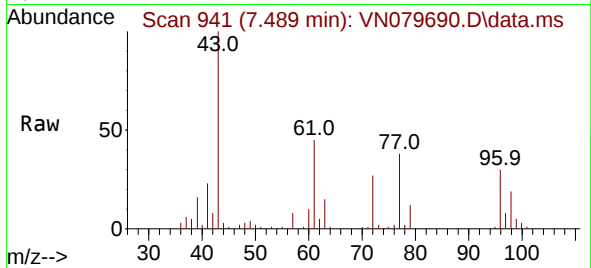
Tgt Ion: 63 Resp: 327885
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.9 11.7
 100 4.3 2.5 7.4





#25
2-Butanone
Concen: 254.353 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.001 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

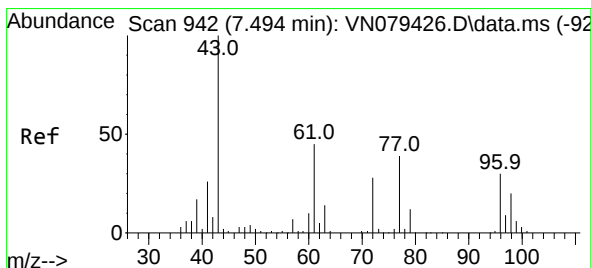
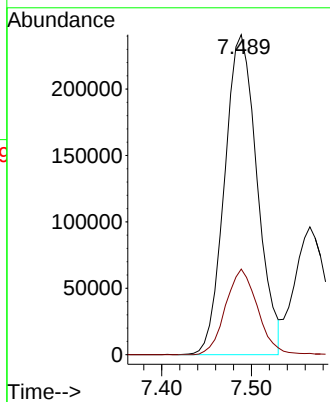
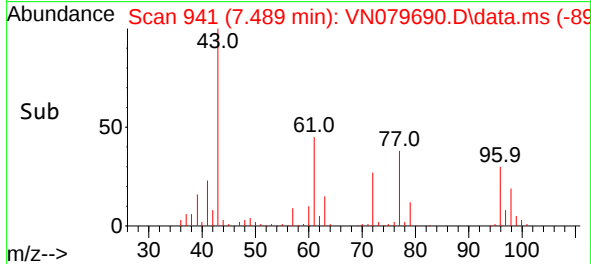
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



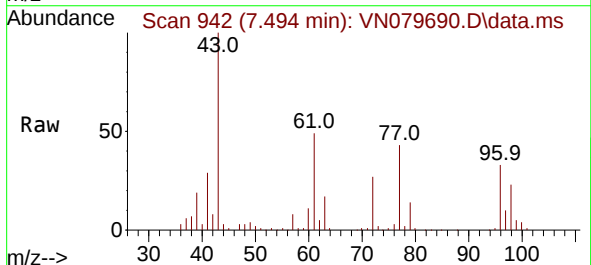
Tgt Ion: 43 Resp: 60829
Ion Ratio Lower Upper
43 100
72 26.7 30.2 45.2

Manual Integrations
APPROVED

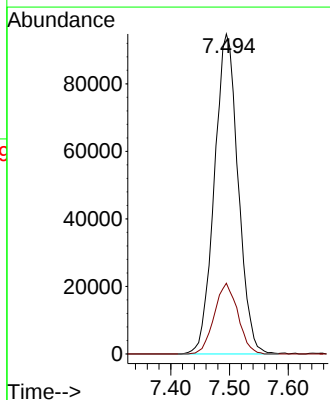
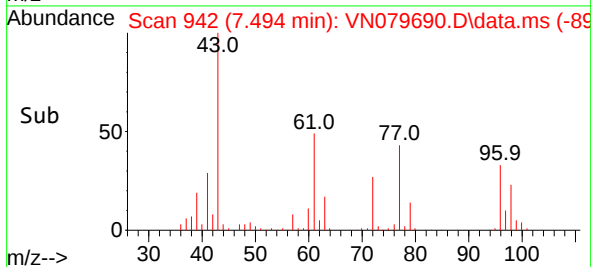
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

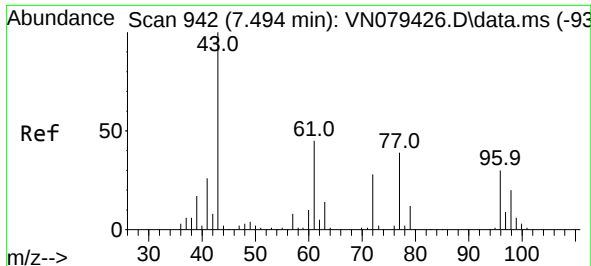


#26
2,2-Dichloropropane
Concen: 53.052 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



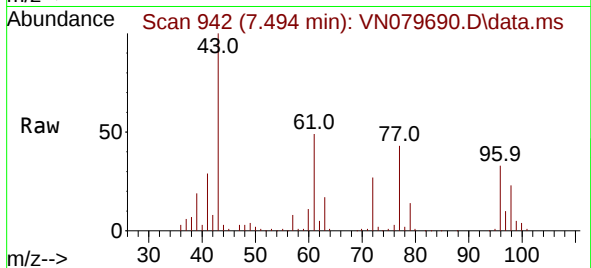
Tgt Ion: 77 Resp: 265802
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.013 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN079690.D
 Acq: 26 Oct 2023 10:42

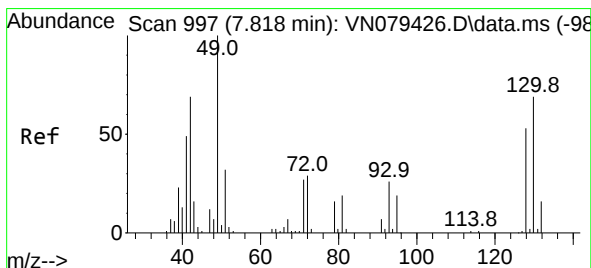
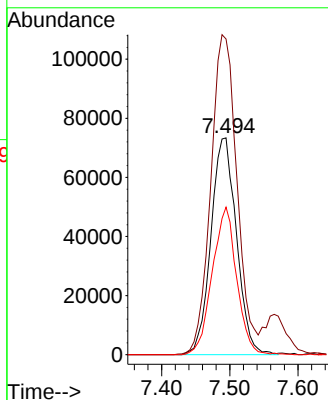
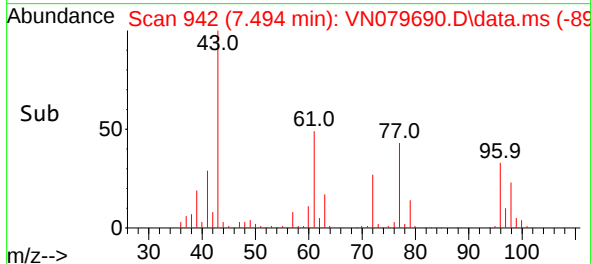
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 191610
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 255.2
 98 64.9 0.0 128.8

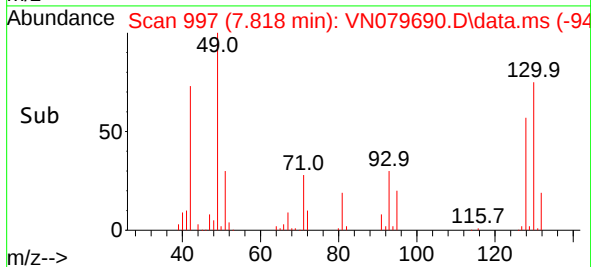
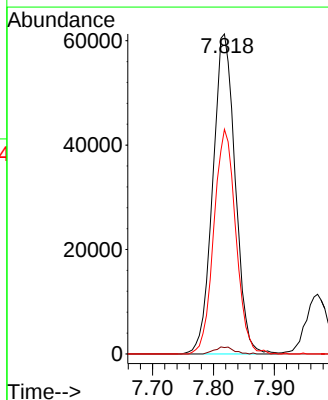
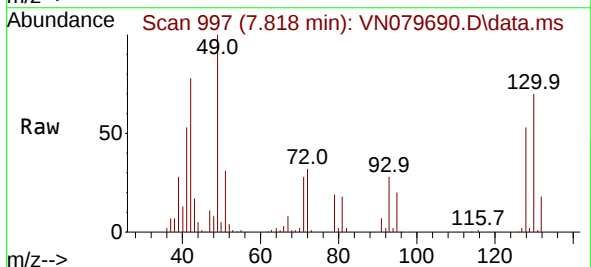
Manual Integrations
 APPROVED

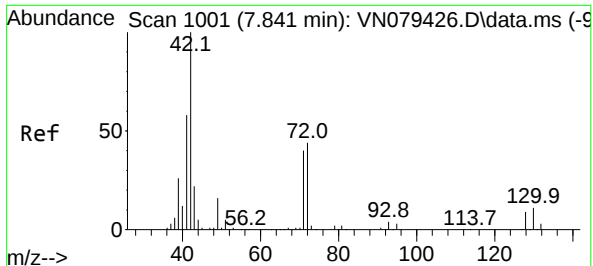
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#28
 Bromochloromethane
 Concen: 50.321 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN079690.D
 Acq: 26 Oct 2023 10:42

Tgt Ion: 49 Resp: 156966
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.8
 130 68.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 251.816 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 38948

Ion Ratio Lower Upper

42 100

72 43.8 49.8 74.6

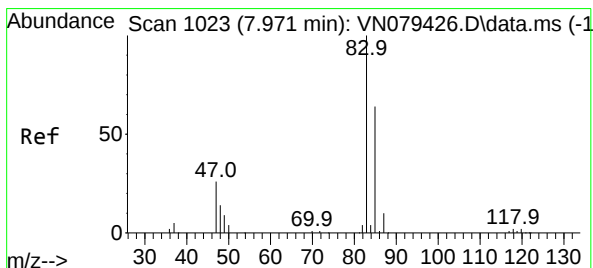
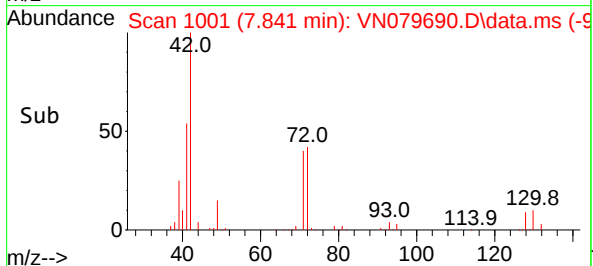
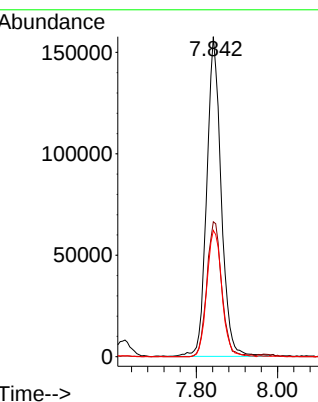
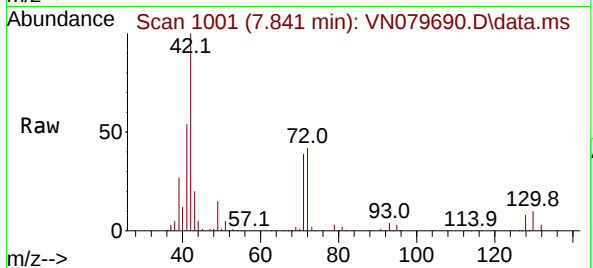
71 41.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#30

Chloroform

Concen: 50.690 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN079690.D

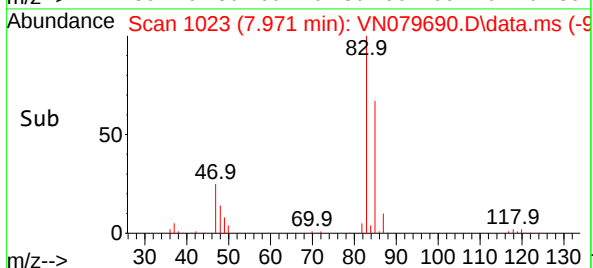
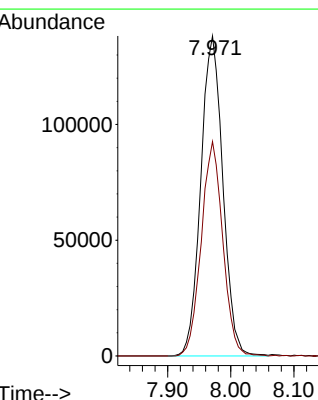
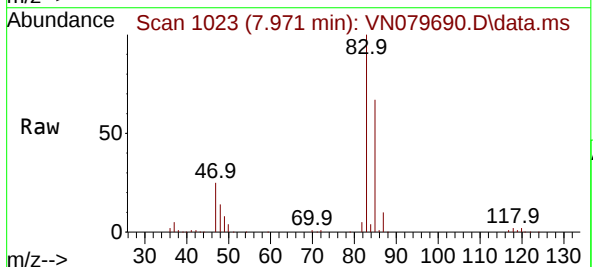
Acq: 26 Oct 2023 10:42

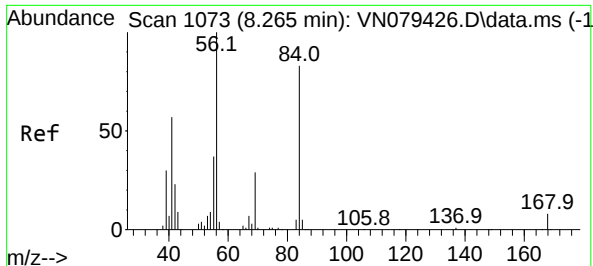
Tgt Ion: 83 Resp: 335769

Ion Ratio Lower Upper

83 100

85 67.0 55.4 83.0





#31

Cyclohexane

Concen: 44.701 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 257592

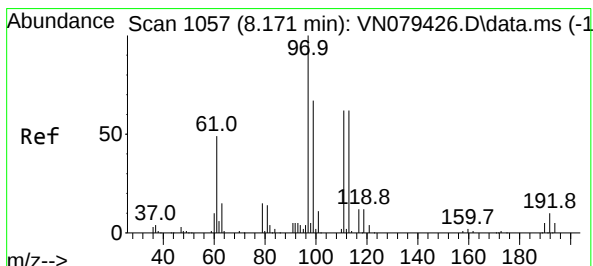
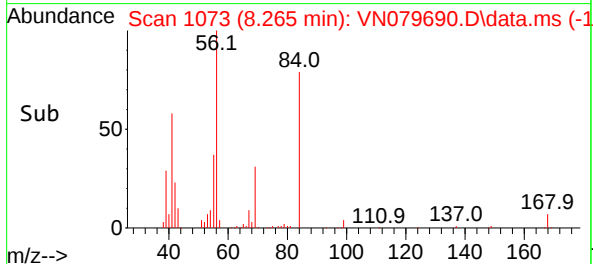
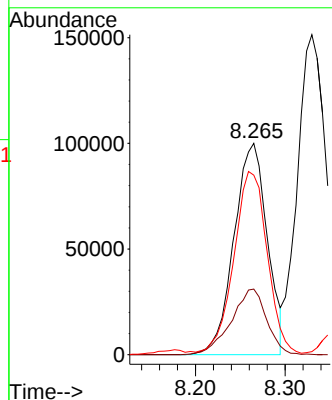
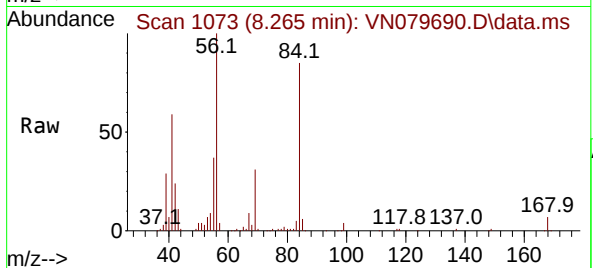
Ion	Ratio	Lower	Upper
56	100		
69	31.0	26.8	40.2
84	82.8	81.8	122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#32

1,1,1-Trichloroethane

Concen: 51.148 ug/l

RT: 8.171 min Scan# 1057

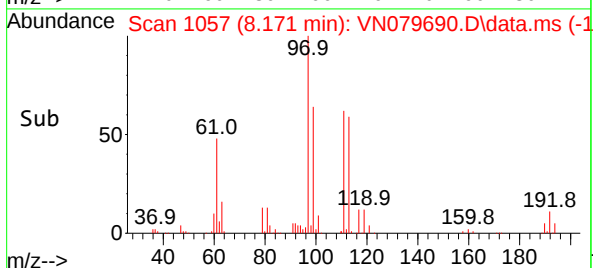
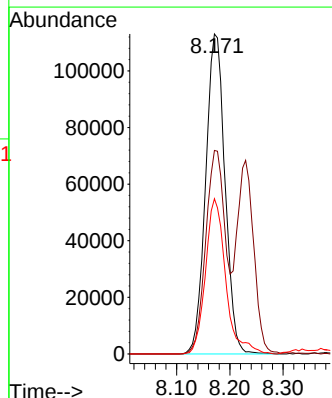
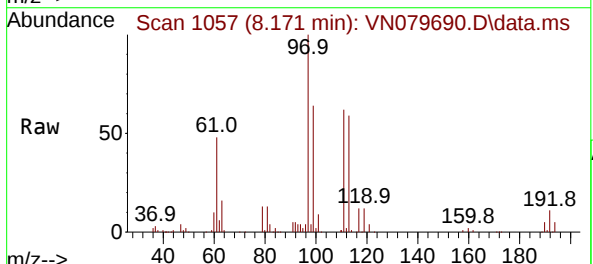
Delta R.T. 0.000 min

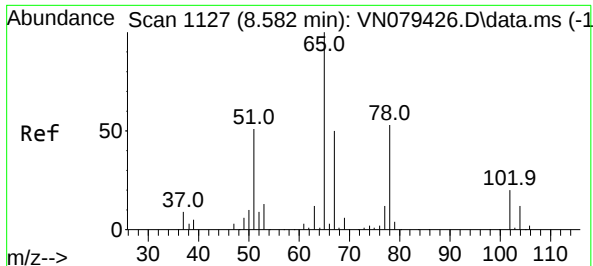
Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Tgt Ion: 97 Resp: 285122

Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.3	75.5
61	50.6	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 49.153 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 19968

Ion Ratio Lower Upper

65 100

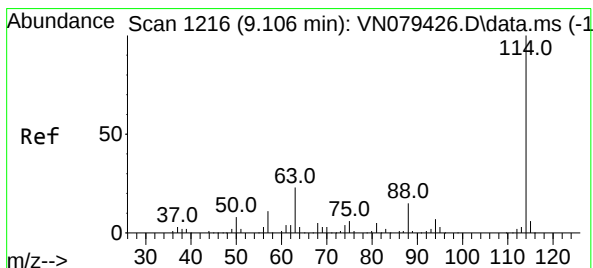
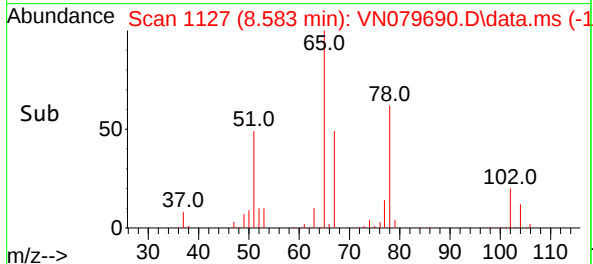
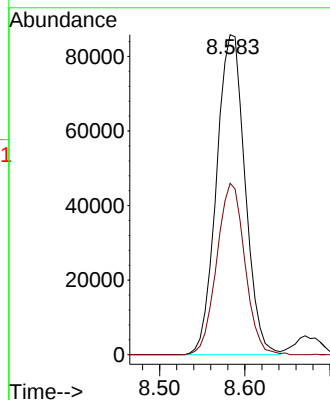
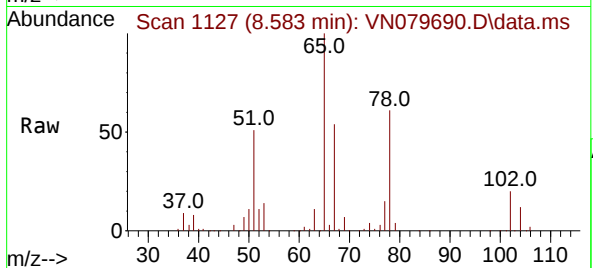
67 52.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

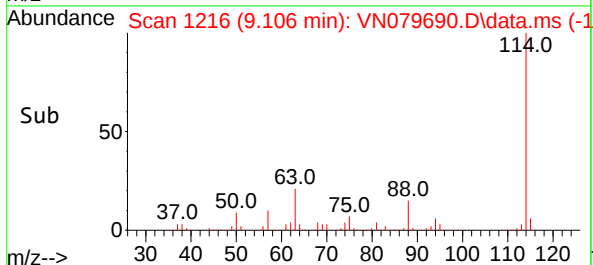
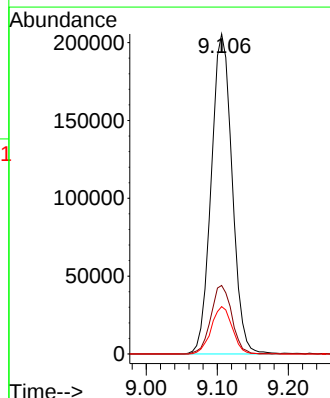
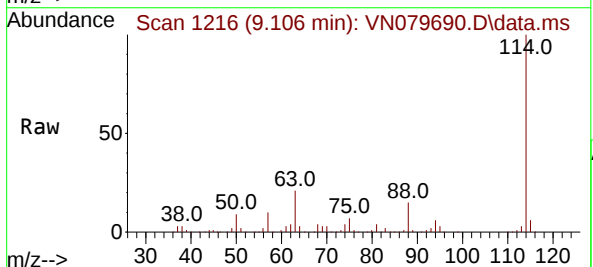
Tgt Ion:114 Resp: 419045

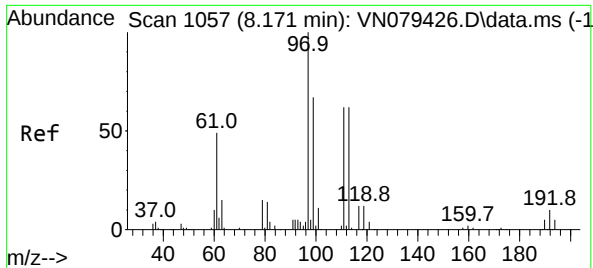
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.250 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079690.D

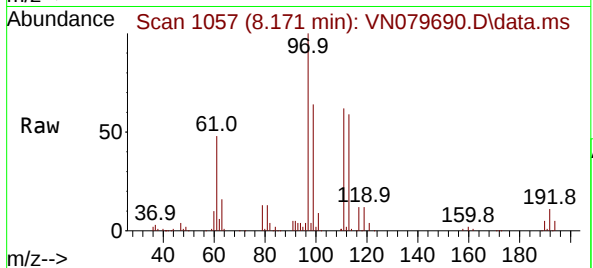
Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:113 Resp: 160358

Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

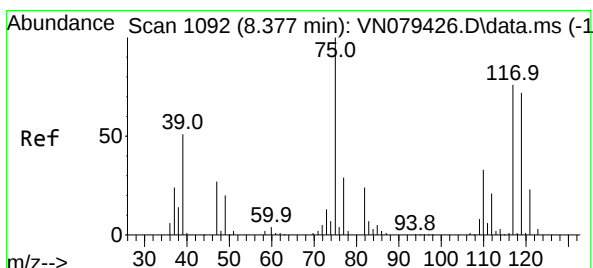
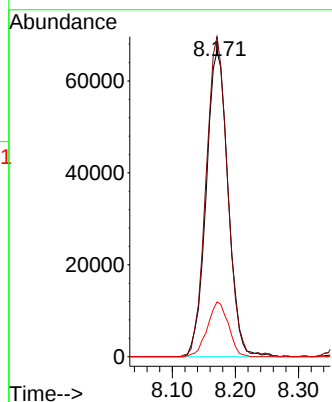
192 17.2 12.7 19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#36

1,1-Dichloropropene

Concen: 54.553 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

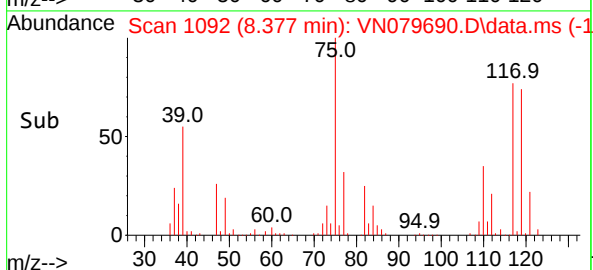
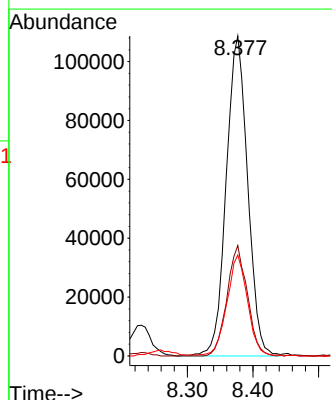
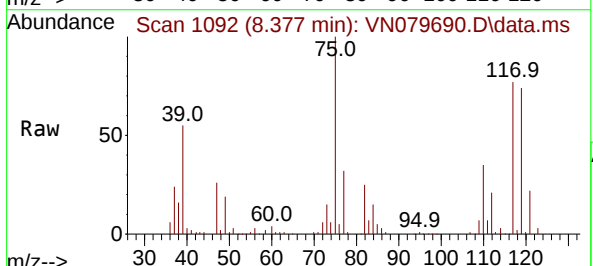
Tgt Ion: 75 Resp: 246561

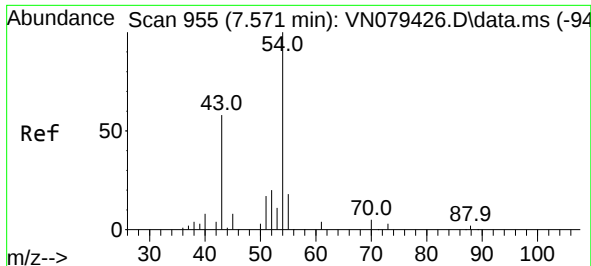
Ion Ratio Lower Upper

75 100

110 32.8 19.1 57.3

77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 54.157 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 24356

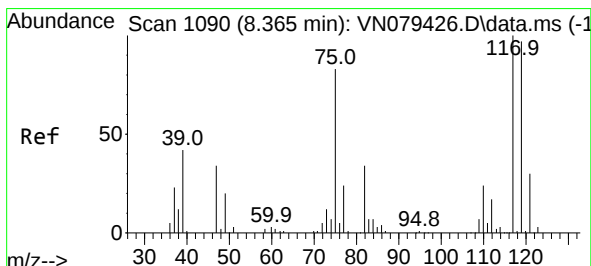
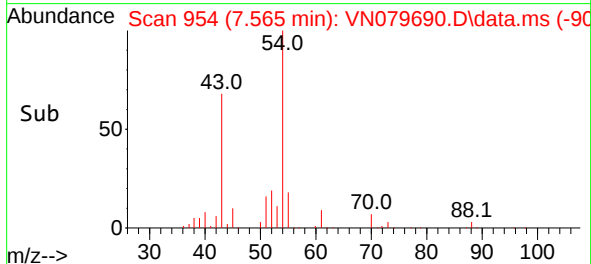
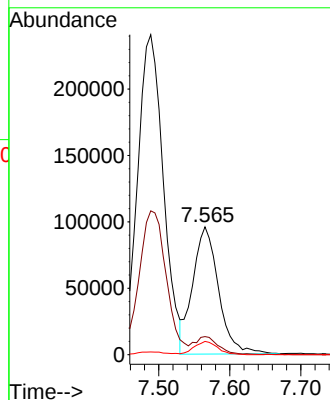
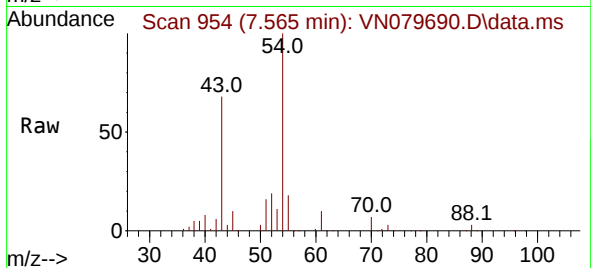
Ion	Ratio	Lower	Upper
43	100		
61	12.9	13.2	19.8
70	9.3	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#38

Carbon Tetrachloride

Concen: 53.554 ug/l

RT: 8.365 min Scan# 1090

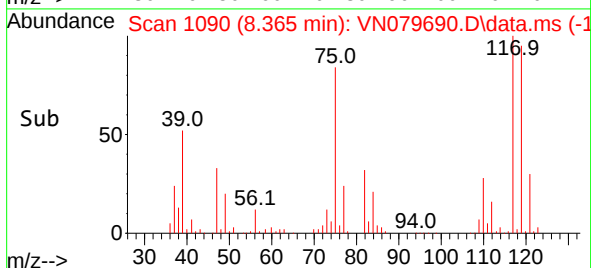
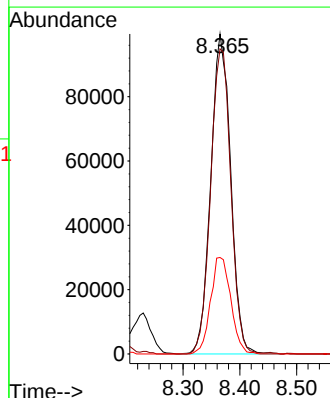
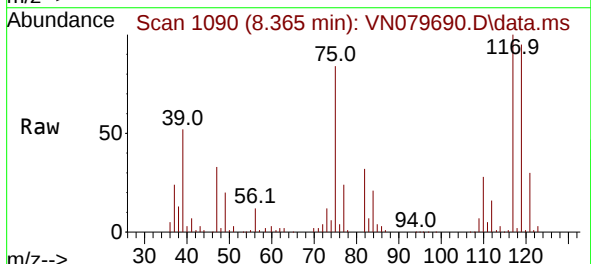
Delta R.T. 0.000 min

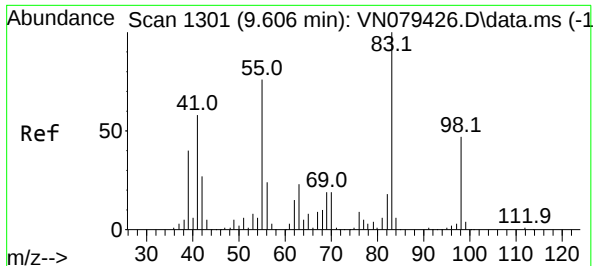
Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Tgt Ion:117 Resp: 242315

Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.3	115.9
121	30.2	23.3	34.9





#39

Methylcyclohexane

Concen: 53.051 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 23036

Ion Ratio Lower Upper

83 100

55 80.5 49.1 73.7

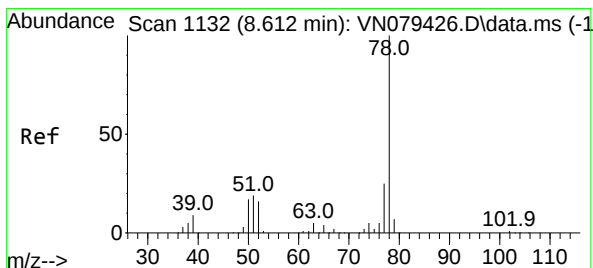
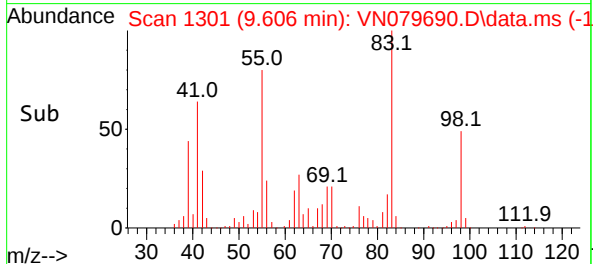
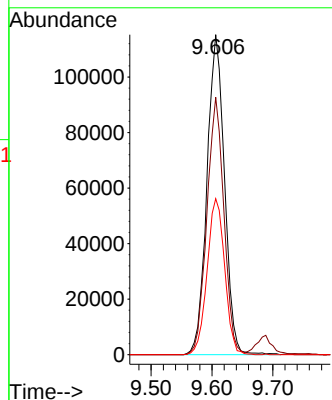
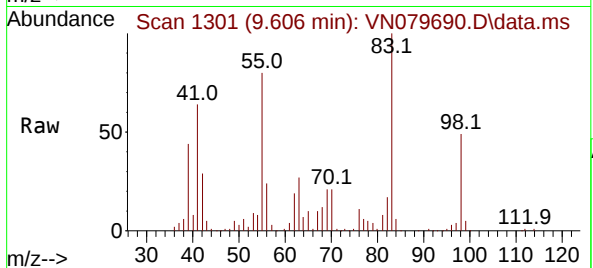
98 48.7 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#40

Benzene

Concen: 54.375 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079690.D

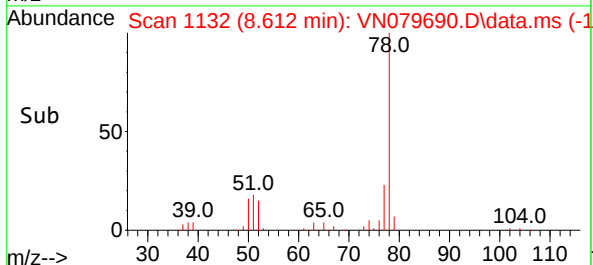
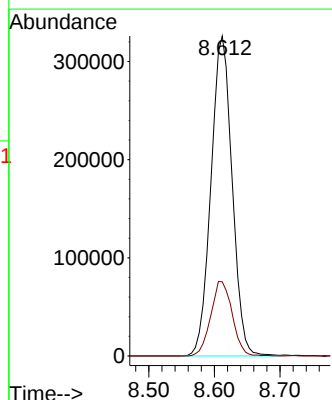
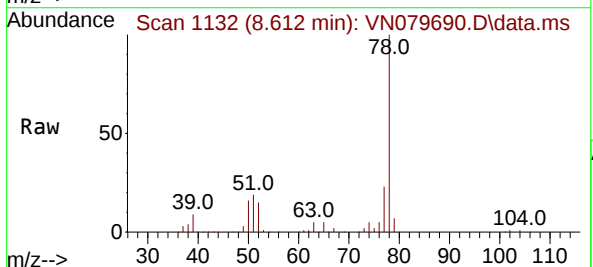
Acq: 26 Oct 2023 10:42

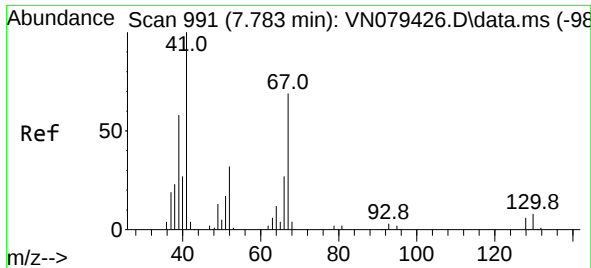
Tgt Ion: 78 Resp: 729857

Ion Ratio Lower Upper

78 100

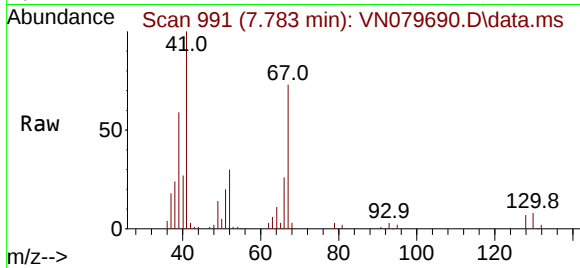
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 56.101 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

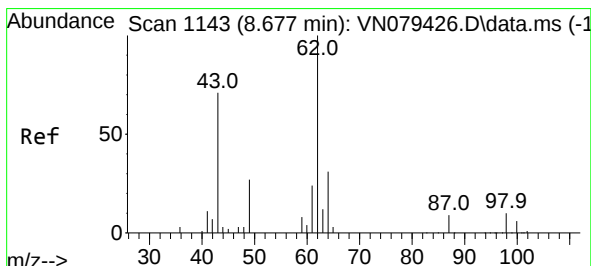
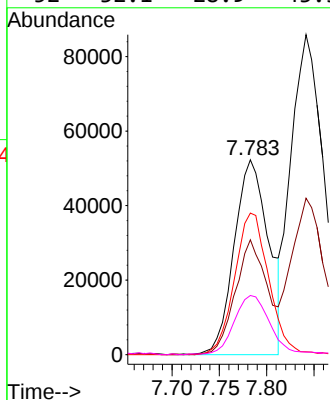
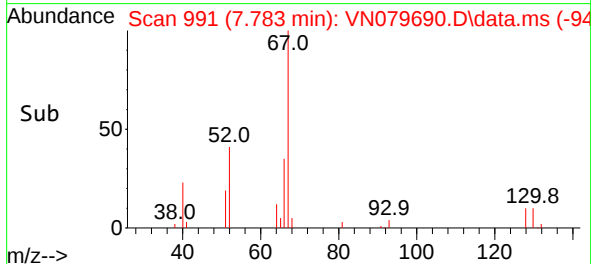
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



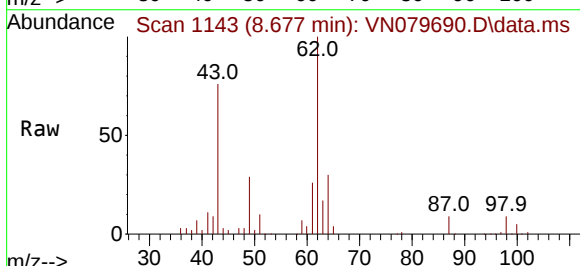
Tgt Ion: 41 Resp: 13264
Ion Ratio Lower Upper
41 100
39 55.3 42.6 64.0
67 72.2 77.5 116.3
52 32.1 28.9 43.3

Manual Integrations
APPROVED

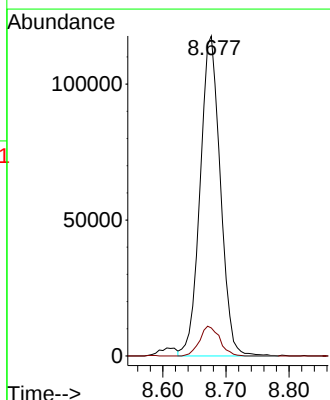
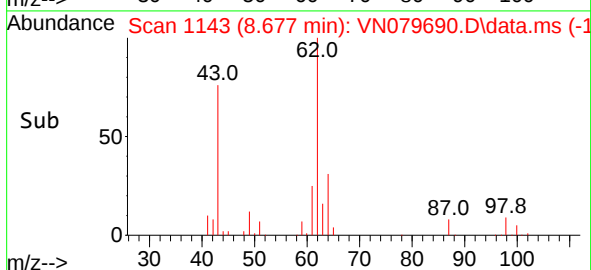
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

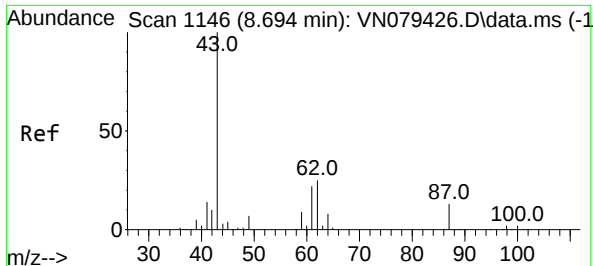


#42
1,2-Dichloroethane
Concen: 53.580 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



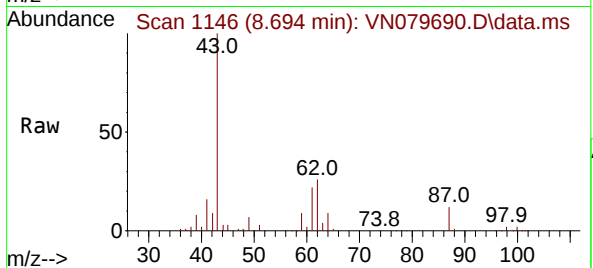
Tgt Ion: 62 Resp: 261325
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 50.865 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

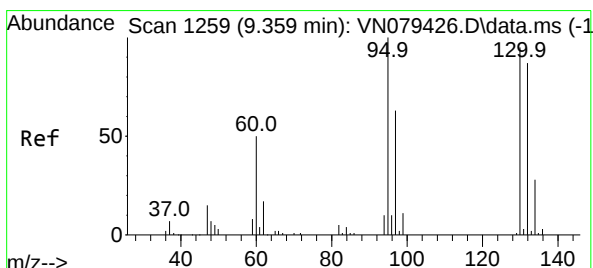
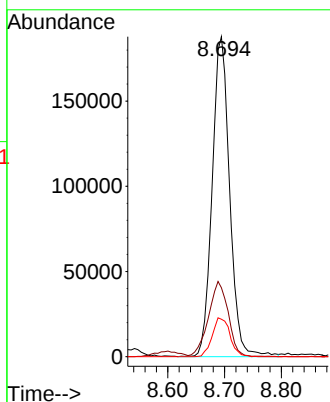
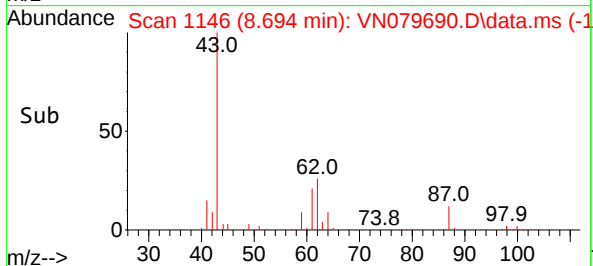
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 40076
Ion Ratio Lower Upper
43 100
61 26.3 24.7 37.1
87 12.4 14.6 21.8

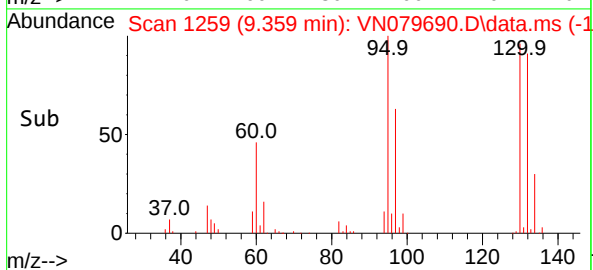
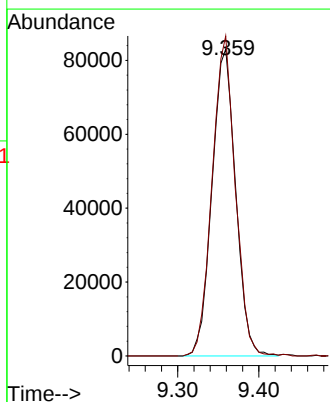
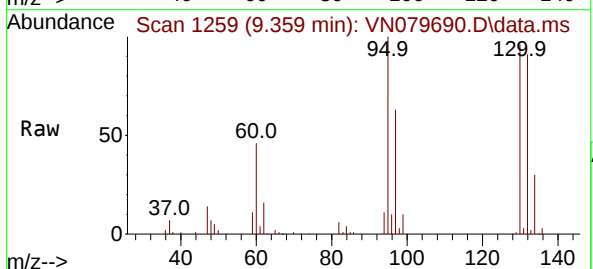
Manual Integrations
APPROVED

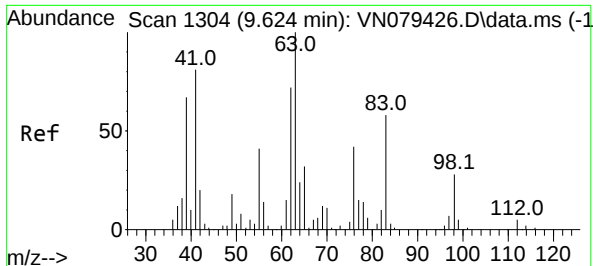
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#44
Trichloroethene
Concen: 53.105 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion:130 Resp: 167773
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 55.305 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 19559

Ion Ratio Lower Upper

63 100

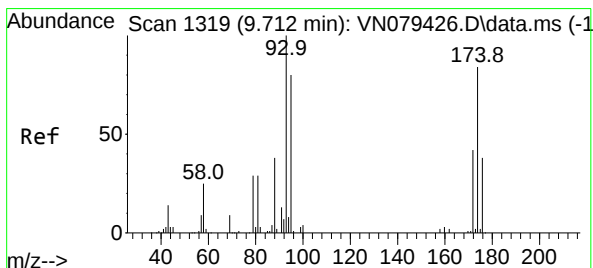
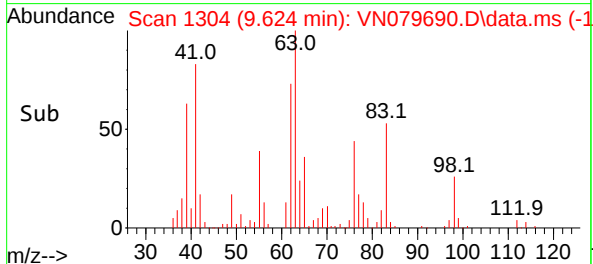
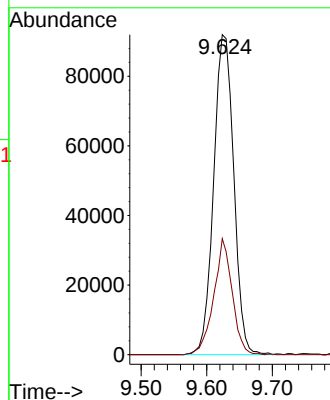
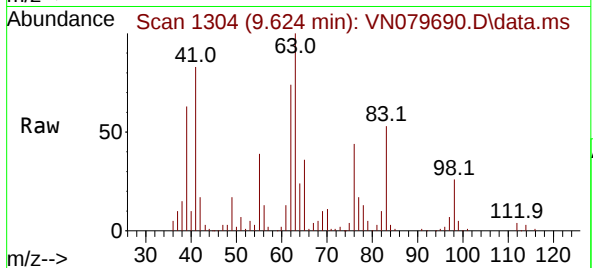
65 36.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#46

Dibromomethane

Concen: 55.774 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

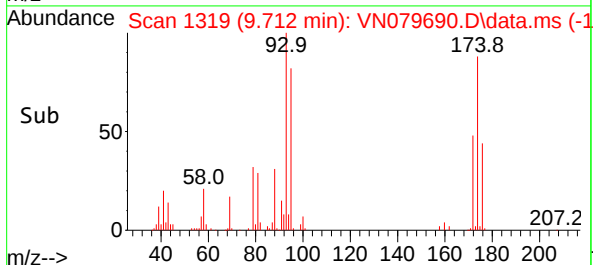
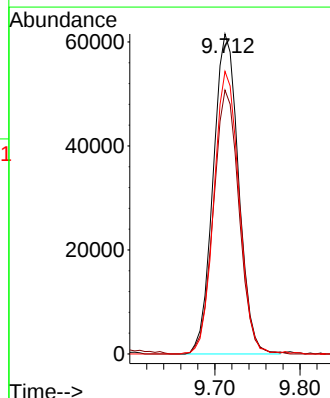
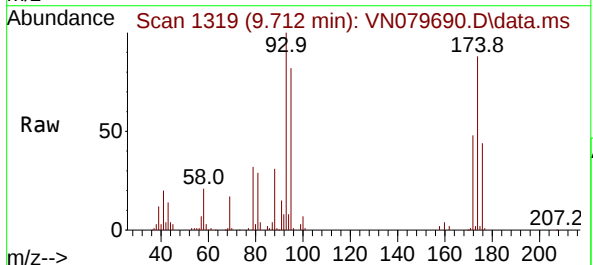
Tgt Ion: 93 Resp: 127750

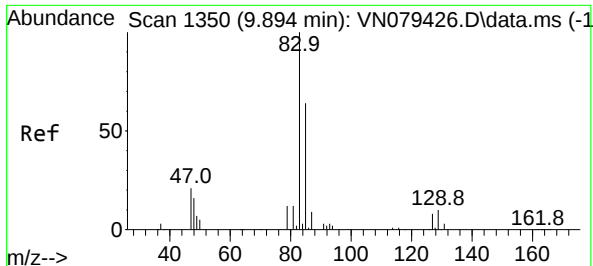
Ion Ratio Lower Upper

93 100

95 83.0 63.8 95.8

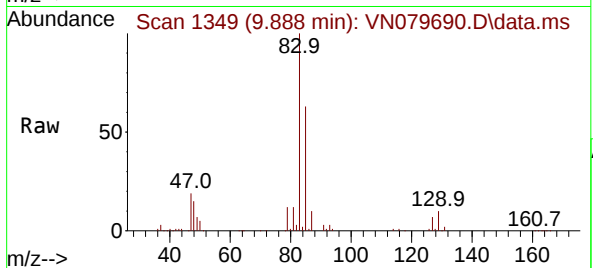
174 87.5 65.6 98.4





#47
Bromodichloromethane
Concen: 56.087 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

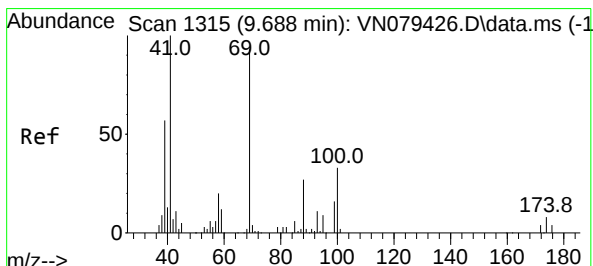
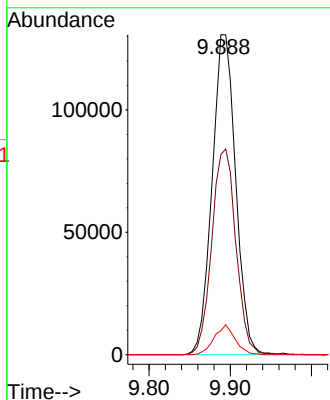
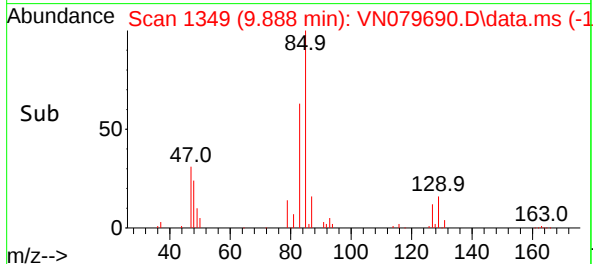
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 264260
Ion Ratio Lower Upper
83 100
85 62.6 49.6 74.4
127 7.5 7.0 10.6

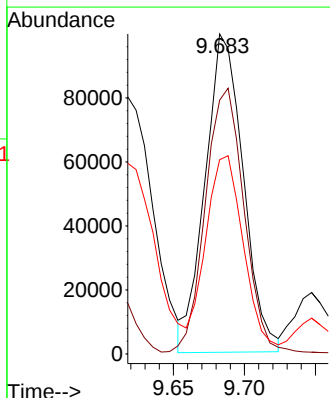
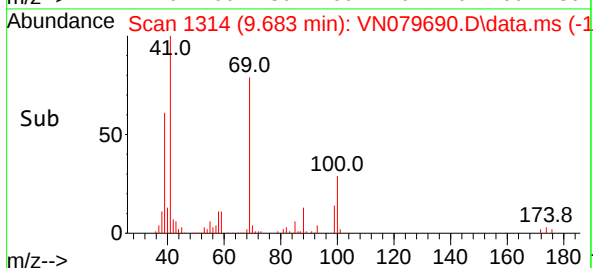
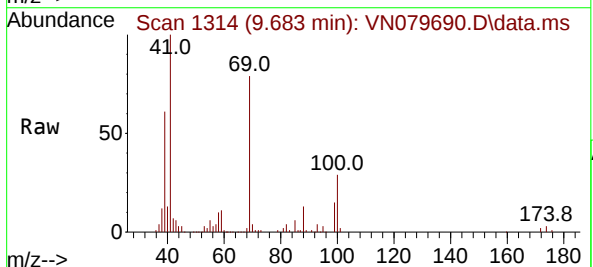
Manual Integrations
APPROVED

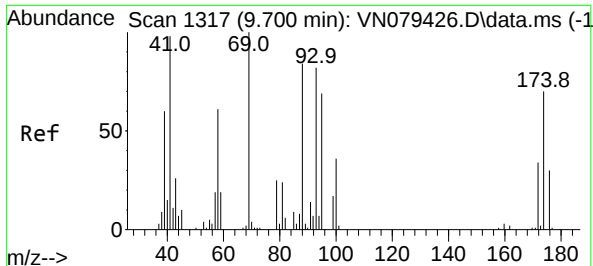
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#48
Methyl methacrylate
Concen: 55.001 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

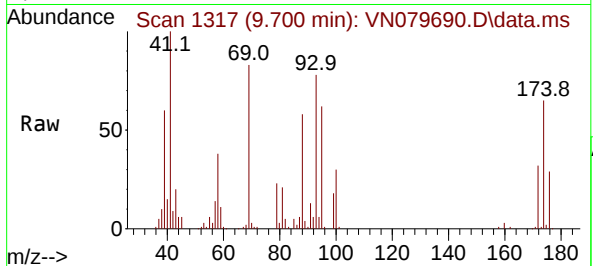
Tgt Ion: 41 Resp: 185701
Ion Ratio Lower Upper
41 100
69 84.4 90.4 135.6#
39 61.8 54.6 81.8





#49
1,4-Dioxane
Concen: 979.995 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

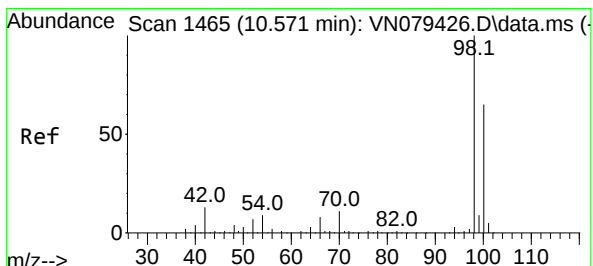
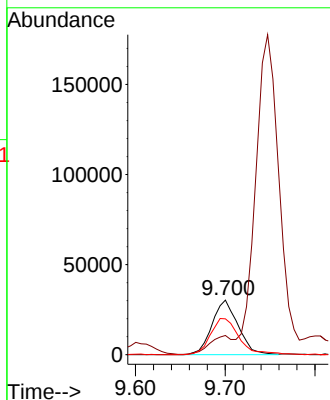
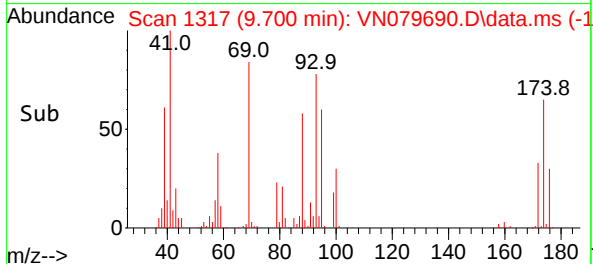
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 60940
Ion Ratio Lower Upper
88 100
43 28.3 17.0 25.6
58 73.2 47.0 70.4

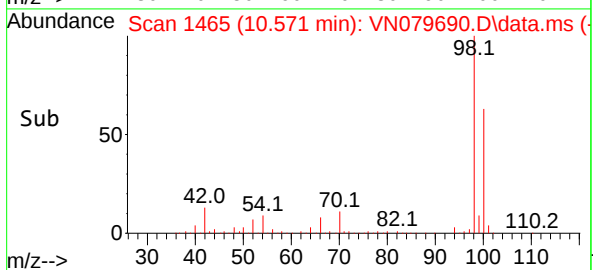
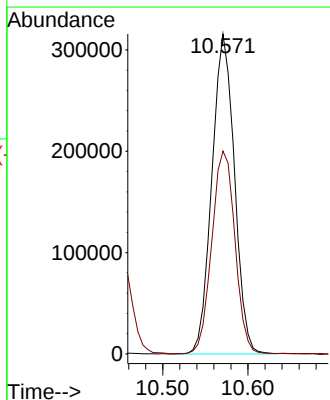
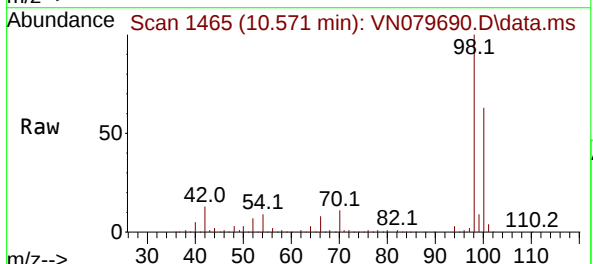
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#50
Toluene-d8
Concen: 53.296 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

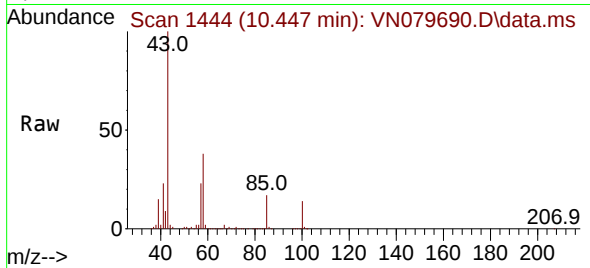
Tgt Ion: 98 Resp: 580725
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 283.376 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

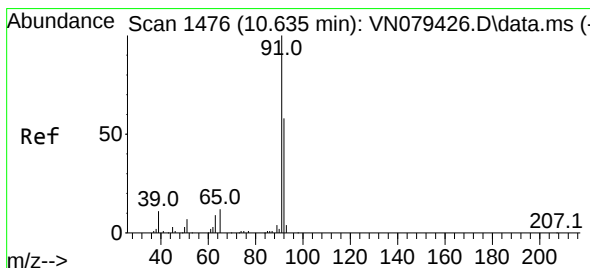
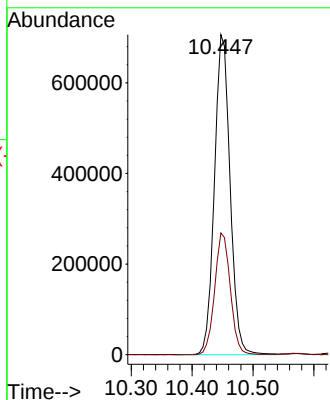
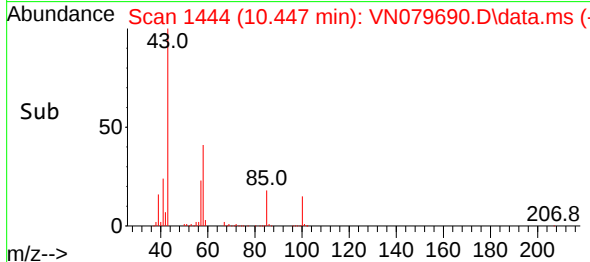
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



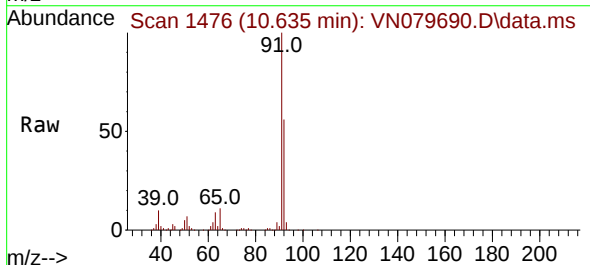
Tgt Ion: 43 Resp: 1260370
Ion Ratio Lower Upper
43 100
58 38.0 36.6 54.8

Manual Integrations
APPROVED

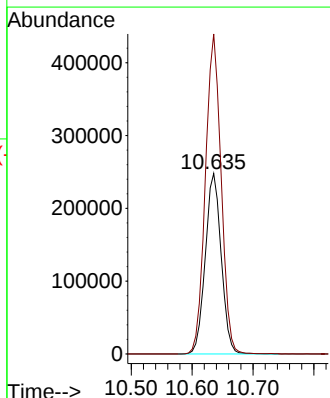
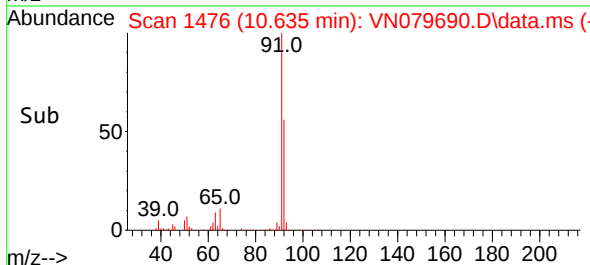
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

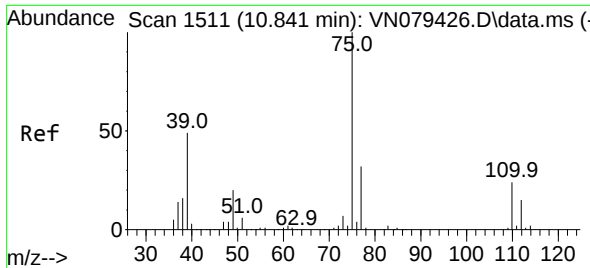


#52
Toluene
Concen: 56.888 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



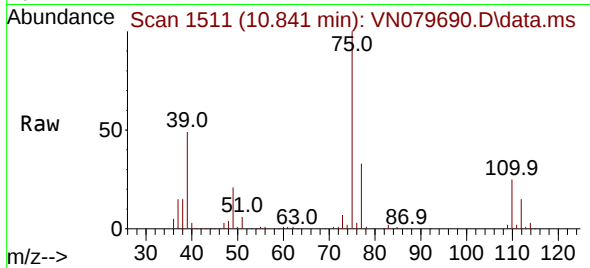
Tgt Ion: 92 Resp: 449475
Ion Ratio Lower Upper
92 100
91 175.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 58.039 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

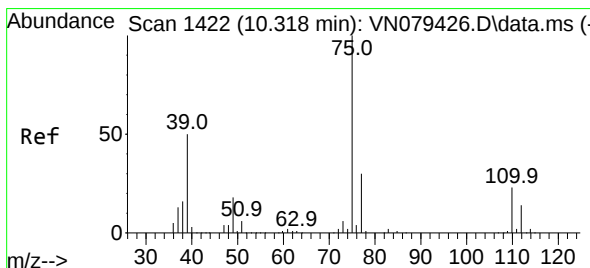
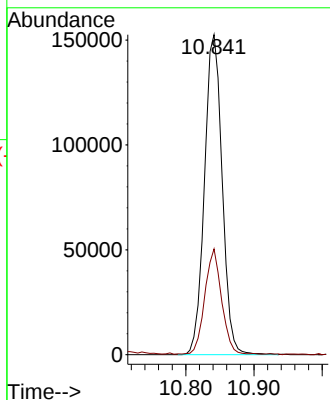
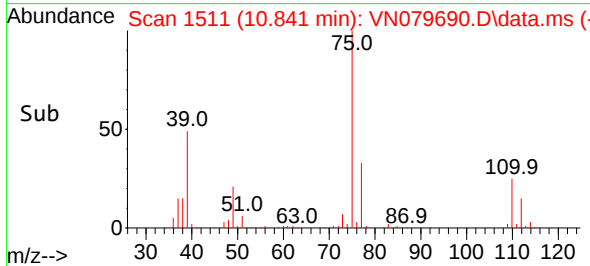
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



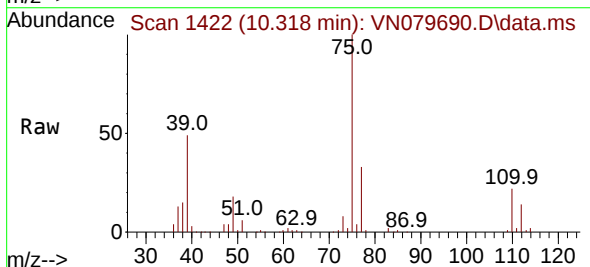
Tgt Ion: 75 Resp: 27557
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0

Manual Integrations
APPROVED

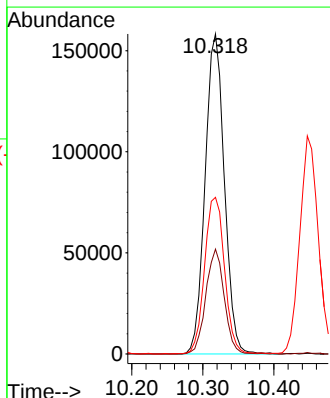
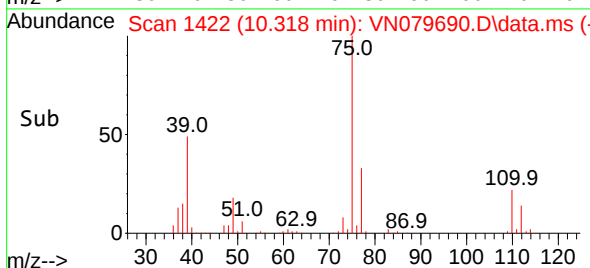
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

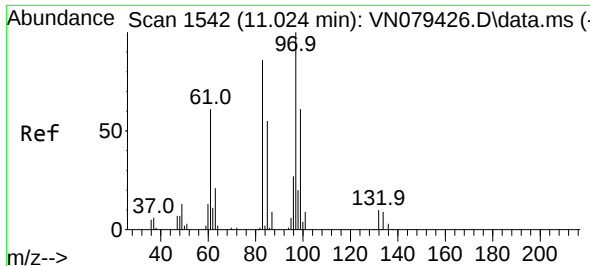


#54
cis-1,3-Dichloropropene
Concen: 57.389 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



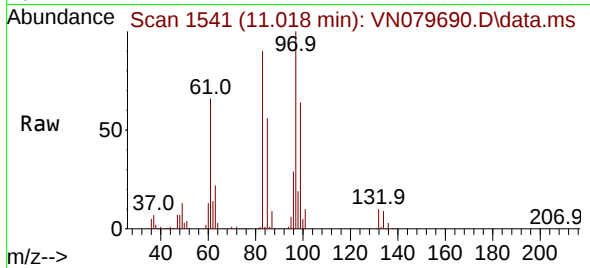
Tgt Ion: 75 Resp: 298293
Ion Ratio Lower Upper
75 100
77 32.8 26.1 39.1
39 48.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 56.503 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

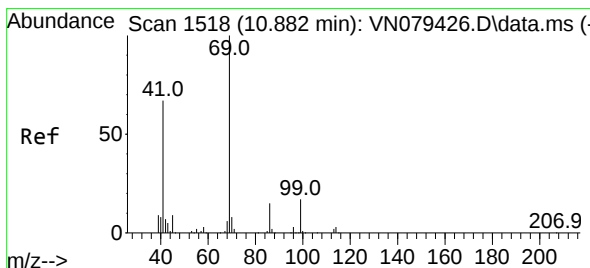
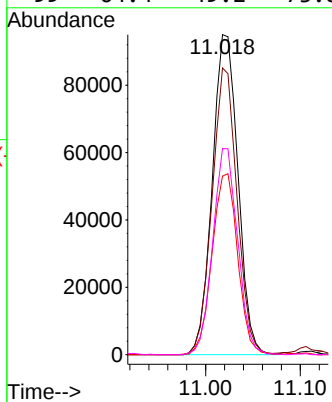
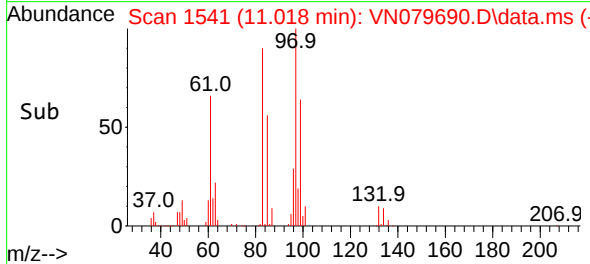
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



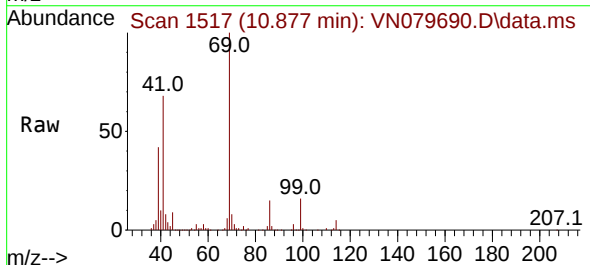
Tgt Ion:	97	Resp:	179230
Ion	Ratio	Lower	Upper
97	100		
83	89.6	65.1	97.7
85	55.8	43.4	65.2
99	64.4	49.2	73.8

Manual Integrations
APPROVED

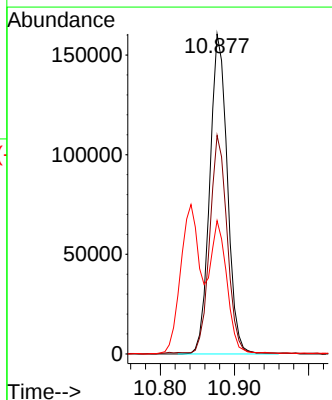
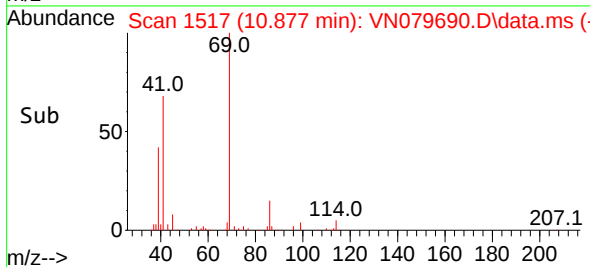
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#56
Ethyl methacrylate
Concen: 60.623 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



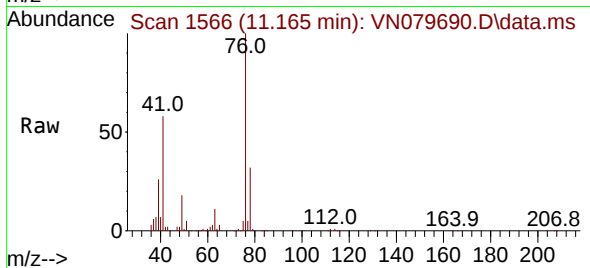
Tgt Ion:	69	Resp:	264241
Ion	Ratio	Lower	Upper
69	100		
41	67.3	39.6	59.4#
39	39.8	28.6	43.0





#57
1,3-Dichloropropane
Concen: 57.062 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

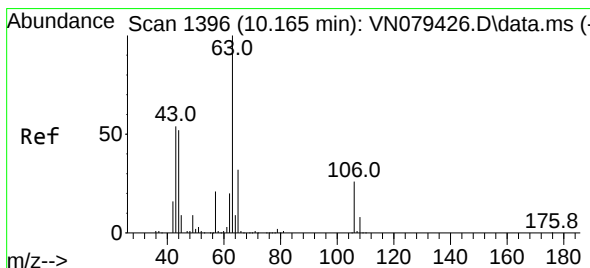
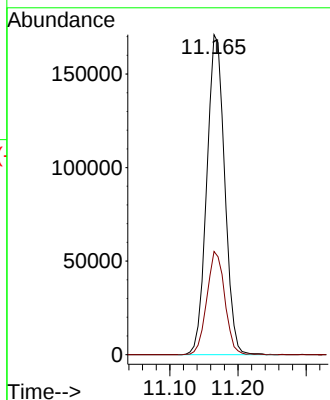
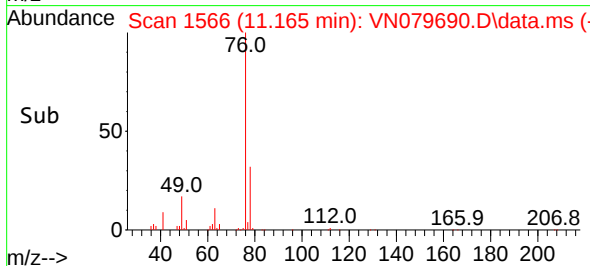
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 31254
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

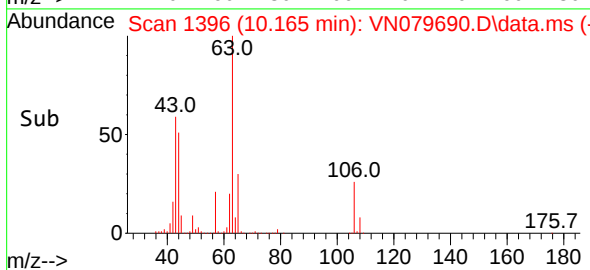
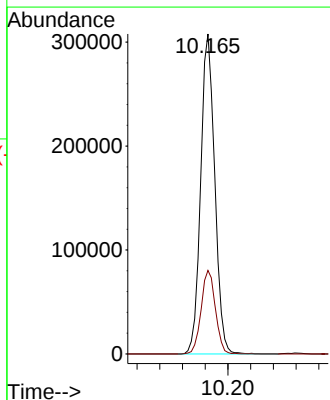
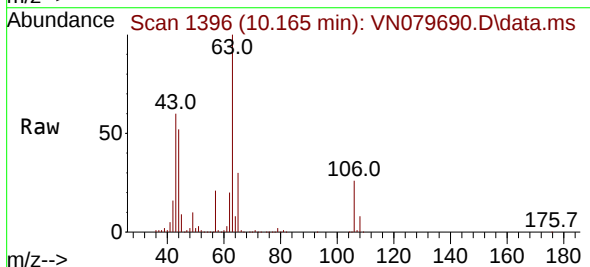
Manual Integrations
APPROVED

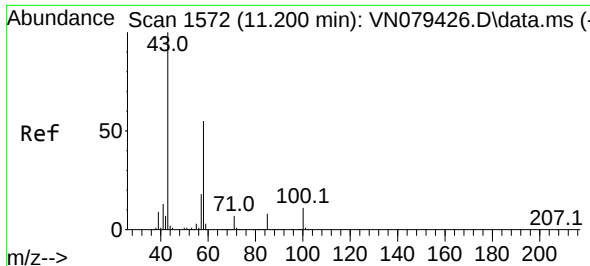
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#58
2-Chloroethyl Vinyl ether
Concen: 316.710 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

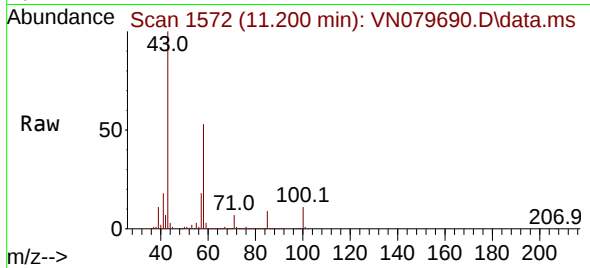
Tgt Ion: 63 Resp: 528673
Ion Ratio Lower Upper
63 100
106 26.4 26.2 39.4





#59
2-Hexanone
Concen: 288.615 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

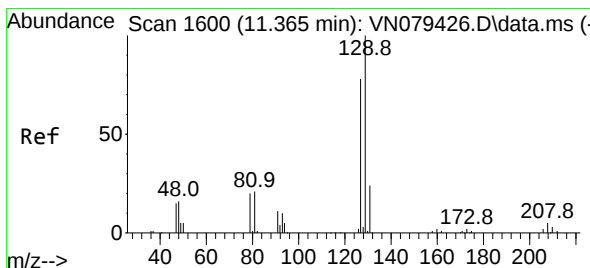
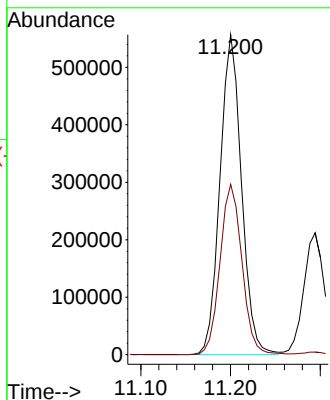
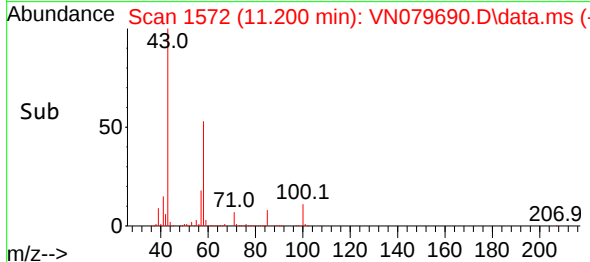
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 926308
Ion Ratio Lower Upper
43 100
58 54.3 31.7 95.1

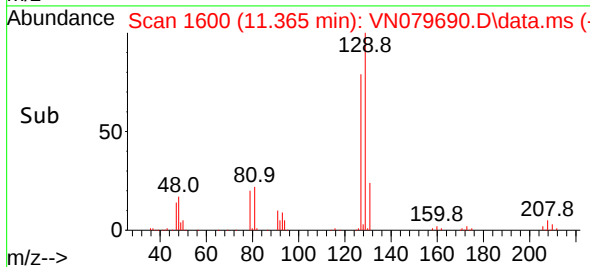
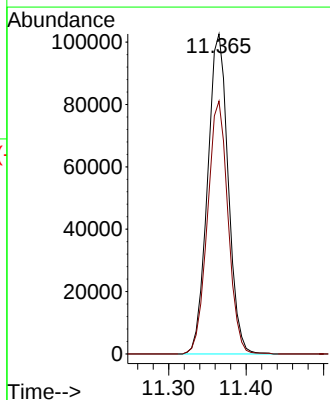
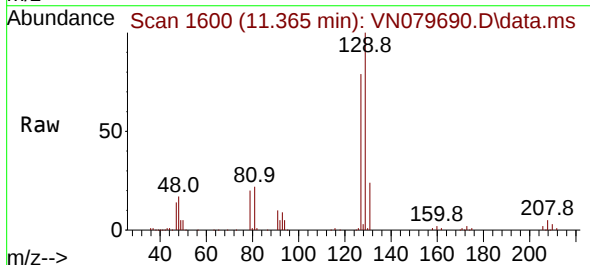
Manual Integrations
APPROVED

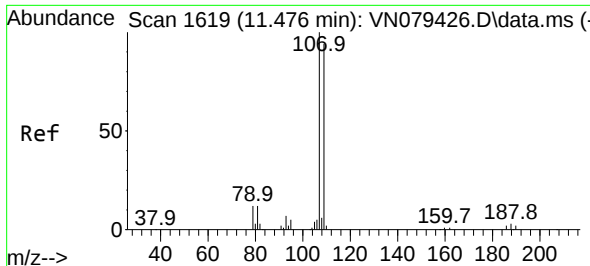
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#60
Dibromochloromethane
Concen: 59.714 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

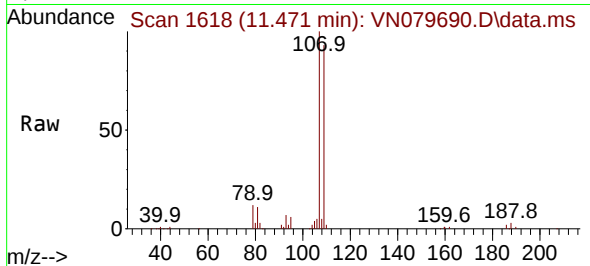
Tgt Ion:129 Resp: 190365
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 56.046 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

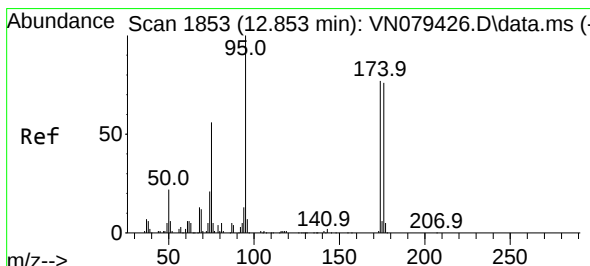
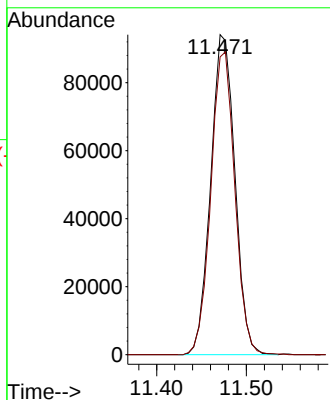
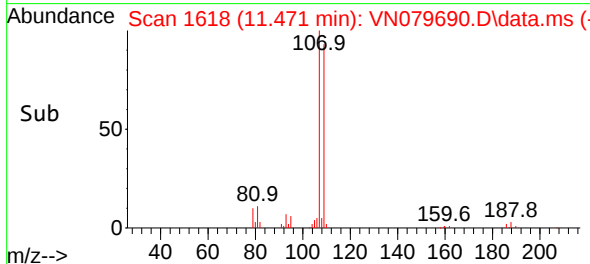
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 176428
Ion Ratio Lower Upper
107 100
109 93.8 76.6 114.8

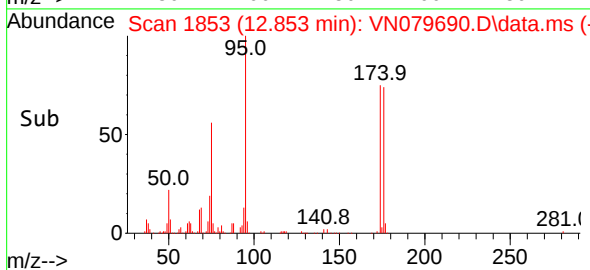
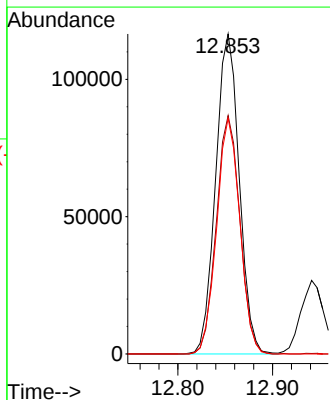
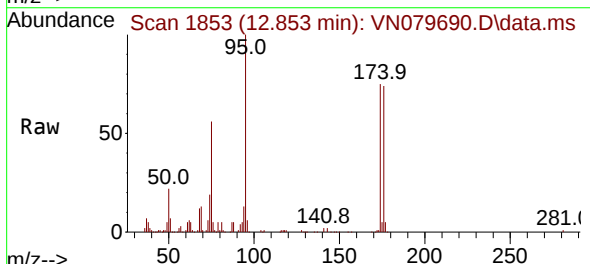
Manual Integrations
APPROVED

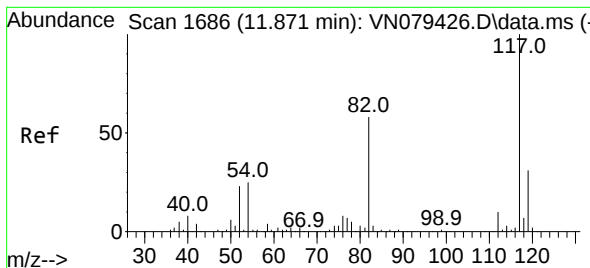
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#62
4-Bromofluorobenzene
Concen: 57.626 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

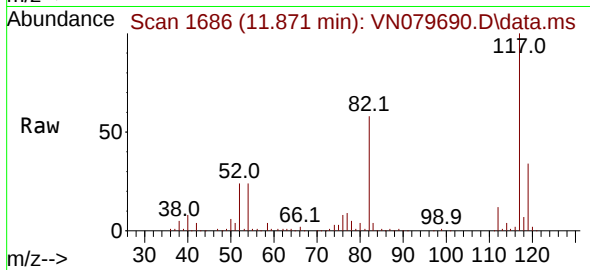
Tgt Ion: 95 Resp: 201507
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 72.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

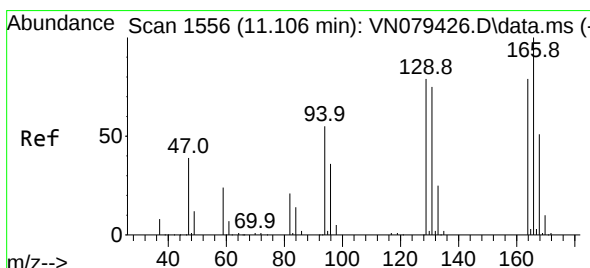
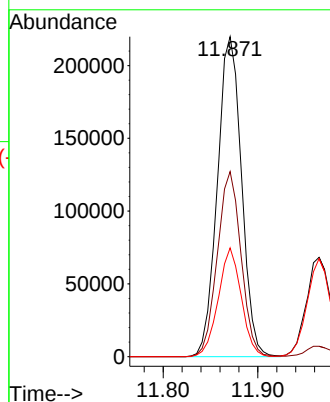
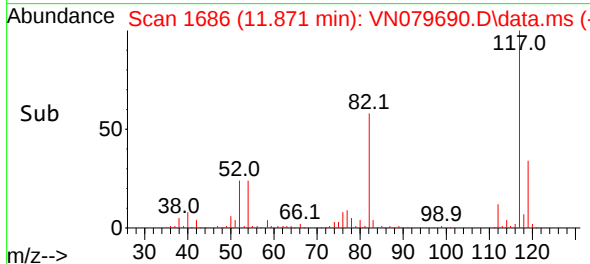
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 389839
Ion Ratio Lower Upper
117 100
82 57.9 44.0 66.0
119 34.0 25.6 38.4

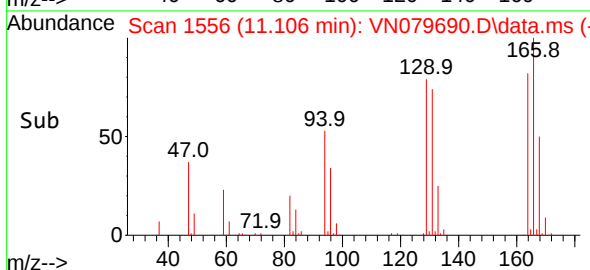
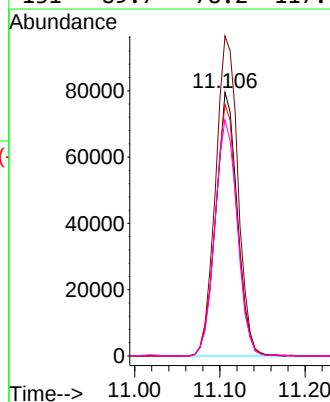
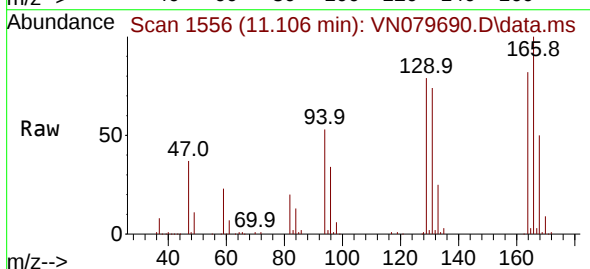
Manual Integrations
APPROVED

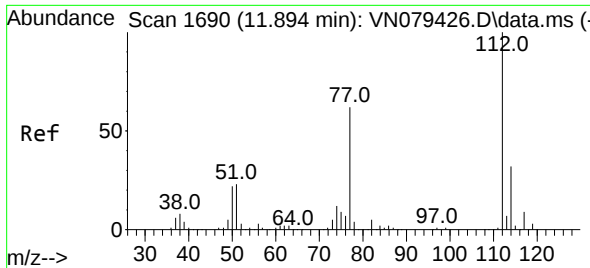
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#64
Tetrachloroethene
Concen: 52.035 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

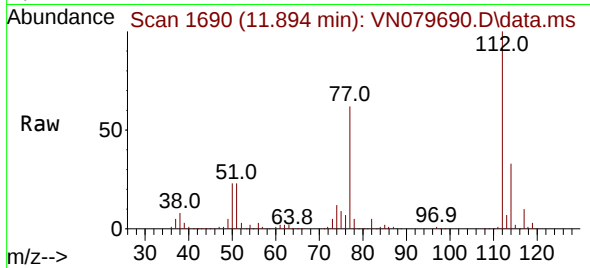
Tgt Ion:164 Resp: 139547
Ion Ratio Lower Upper
164 100
166 121.4 101.4 152.0
129 95.4 82.4 123.6
131 89.7 78.2 117.4





#65
Chlorobenzene
Concen: 52.910 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

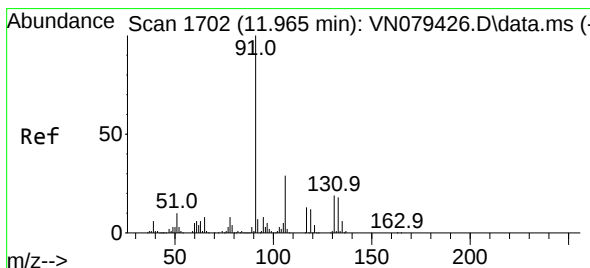
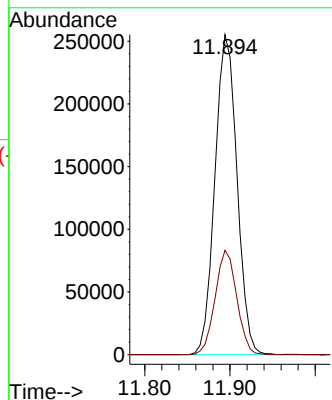
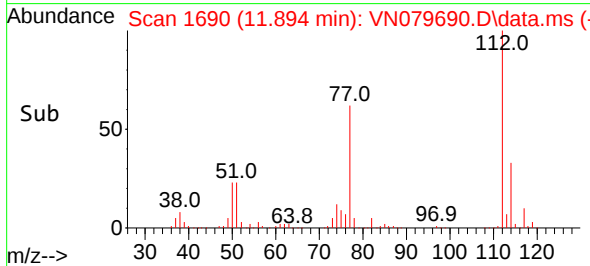
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



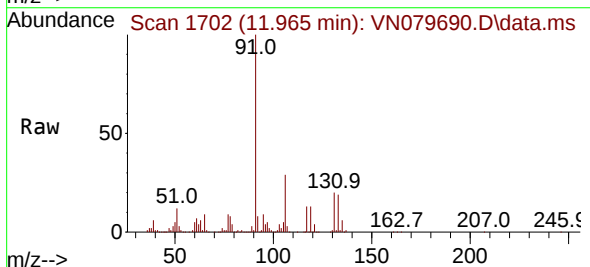
Tgt Ion:112 Resp: 459349
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

Manual Integrations
APPROVED

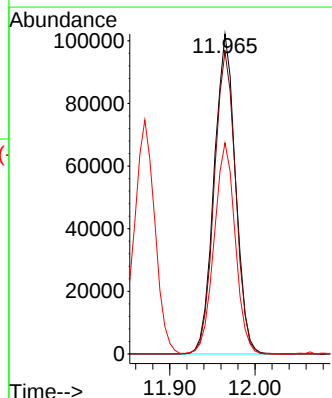
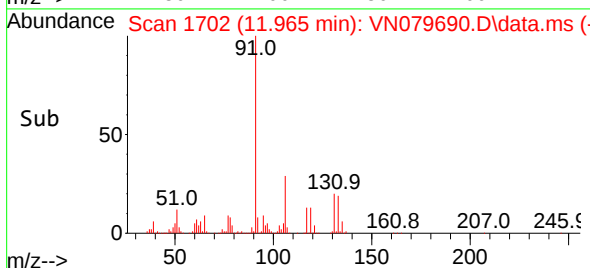
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.937 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



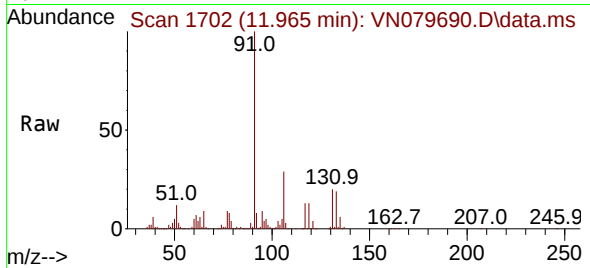
Tgt Ion:131 Resp: 177813
Ion Ratio Lower Upper
131 100
133 94.7 46.4 139.1
119 65.2 34.1 102.2





#67
Ethyl Benzene
Concen: 56.611 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

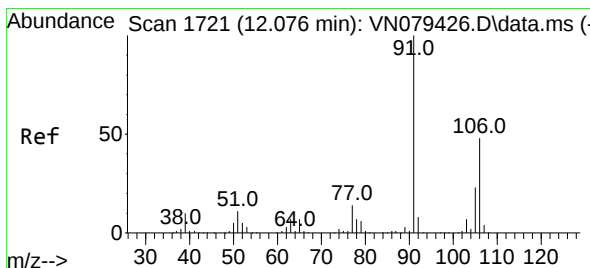
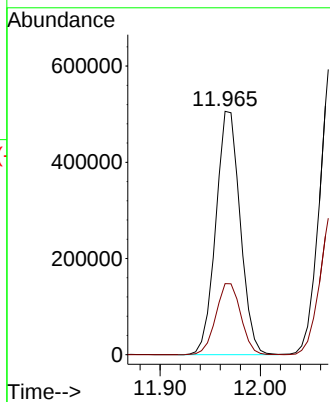
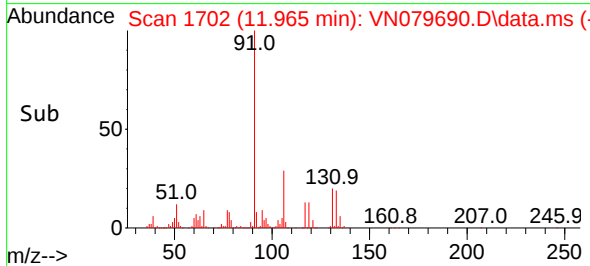
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



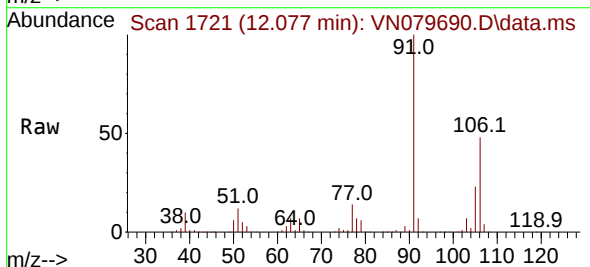
Tgt Ion: 91 Resp: 854249
Ion Ratio Lower Upper
91 100
106 29.2 25.6 38.4

Manual Integrations
APPROVED

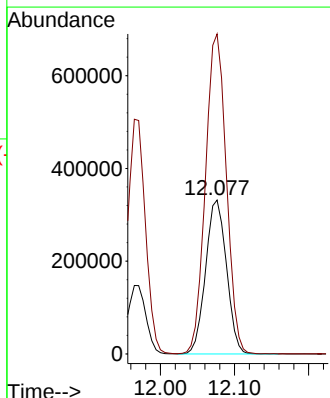
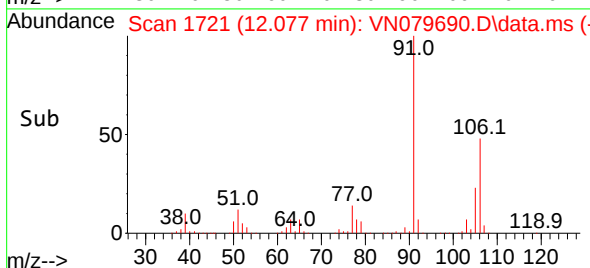
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

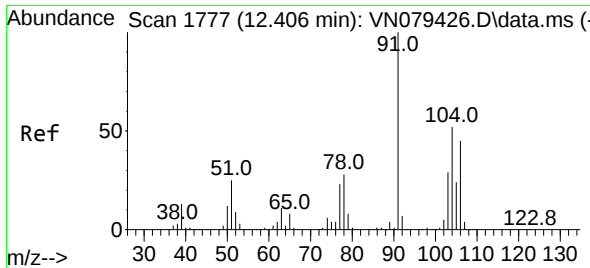


#68
m/p-Xylenes
Concen: 118.476 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



Tgt Ion:106 Resp: 649584
Ion Ratio Lower Upper
106 100
91 207.6 159.6 239.4





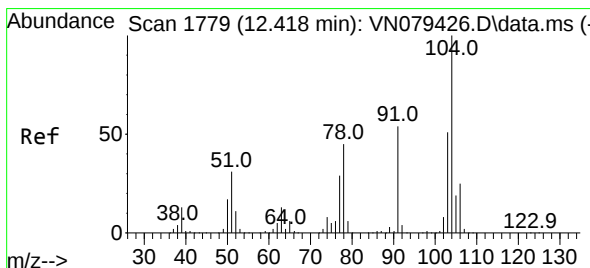
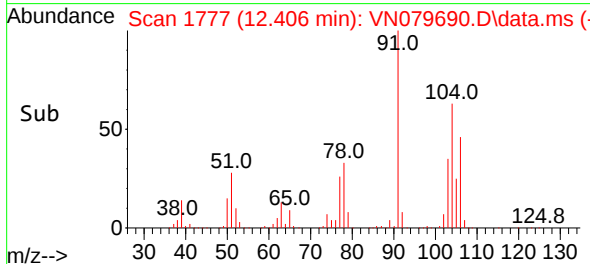
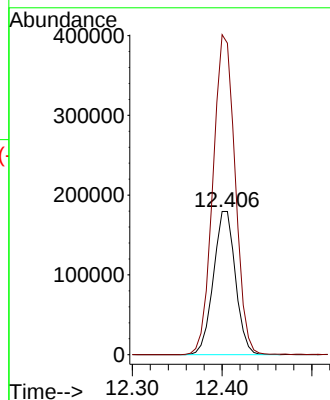
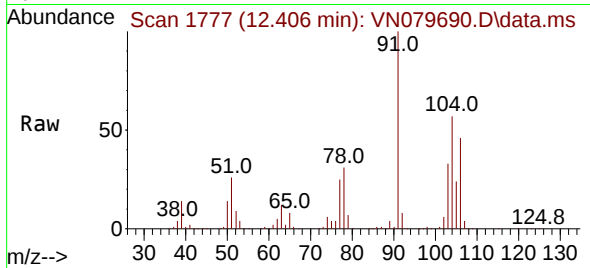
#69
o-Xylene
Concen: 56.768 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 306097
Ion Ratio Lower Upper
106 100
91 225.3 105.2 315.5

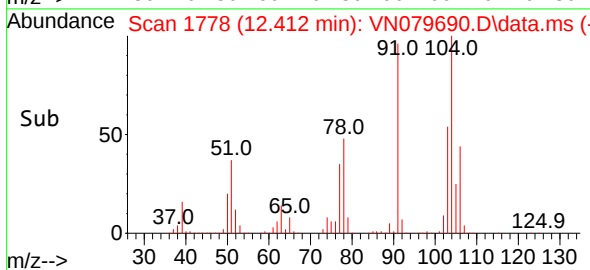
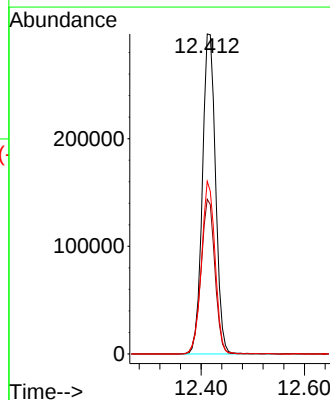
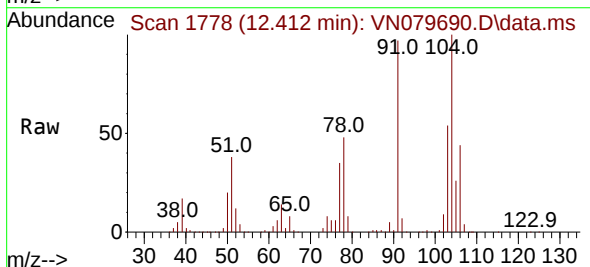
Manual Integrations
APPROVED

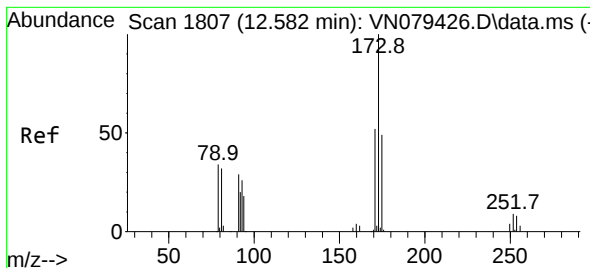
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#70
Styrene
Concen: 61.731 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion:104 Resp: 525773
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 55.5 43.2 64.8





#71

Bromoform

Concen: 55.539 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 12921

Ion Ratio Lower Upper

173 100

175 48.2 24.3 73.0

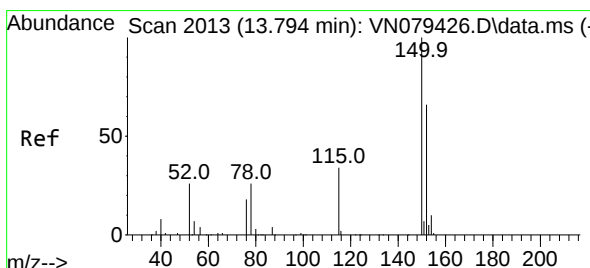
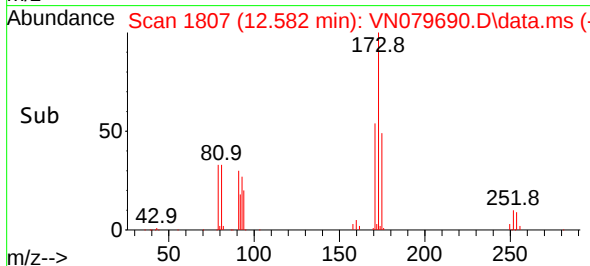
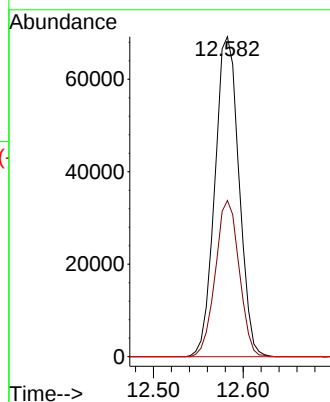
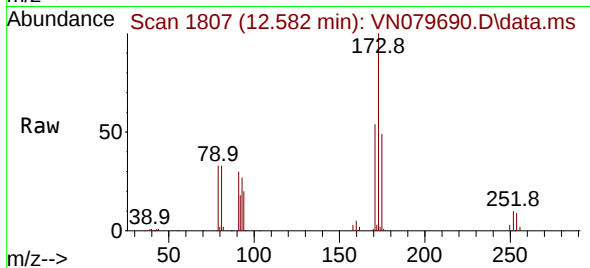
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

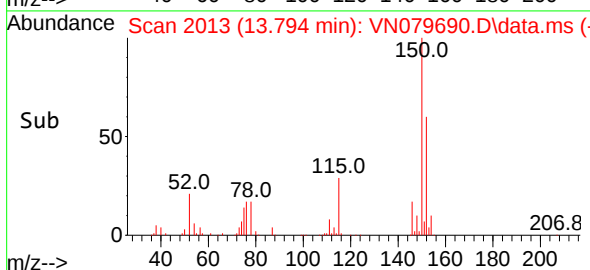
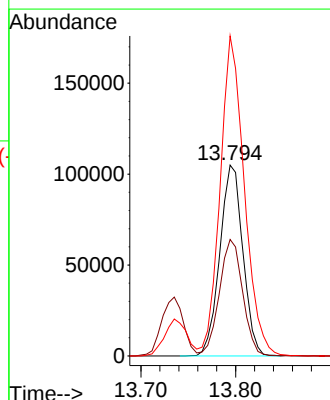
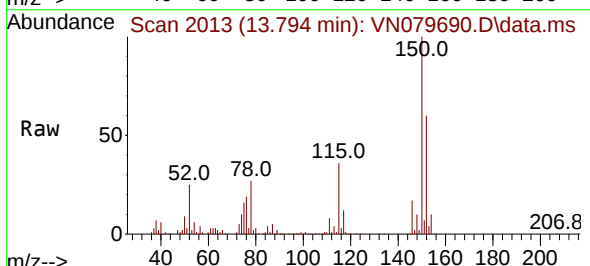
Tgt Ion:152 Resp: 177840

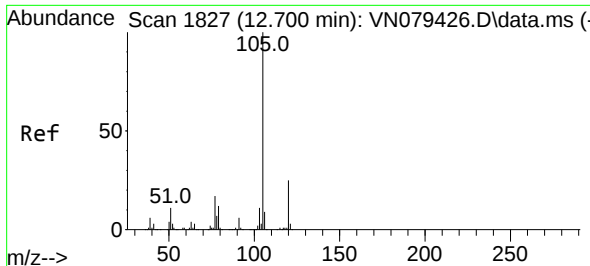
Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

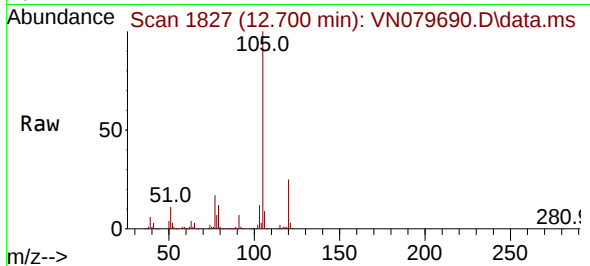
150 176.1 0.0 355.8





#73
Isopropylbenzene
Concen: 48.744 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

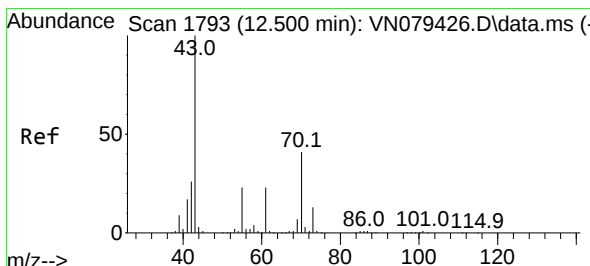
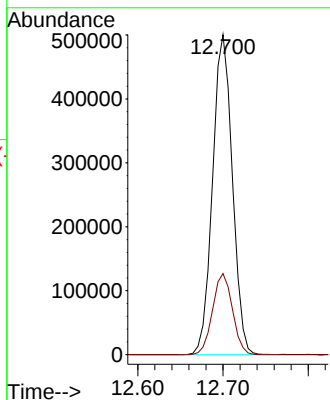
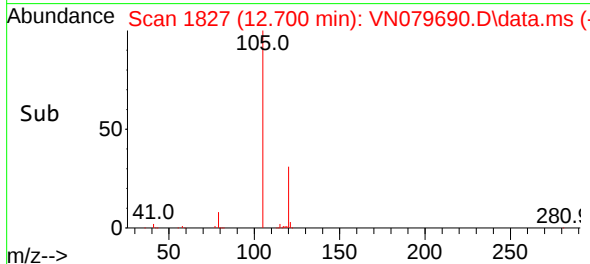
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



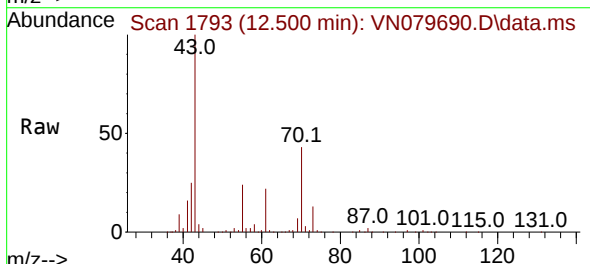
Tgt Ion:105 Resp: 806459
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1

Manual Integrations
APPROVED

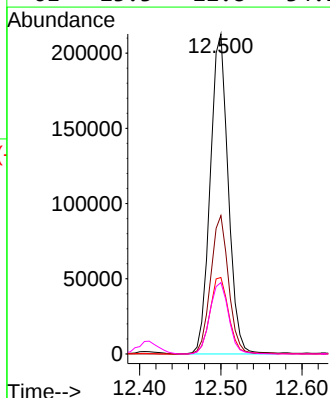
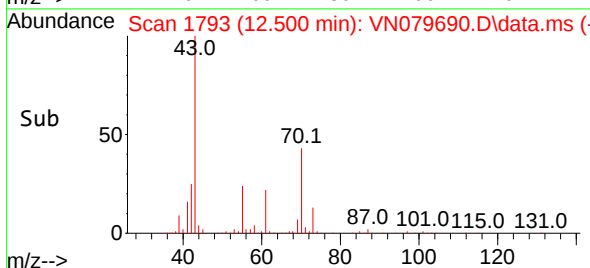
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

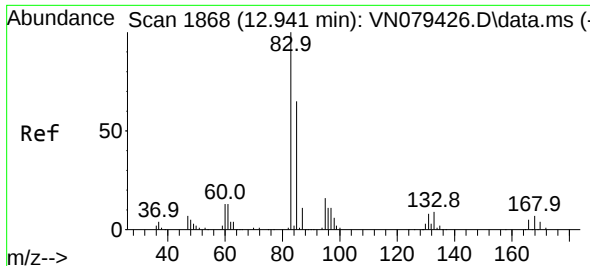


#74
N-ethyl acetate
Concen: 48.325 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



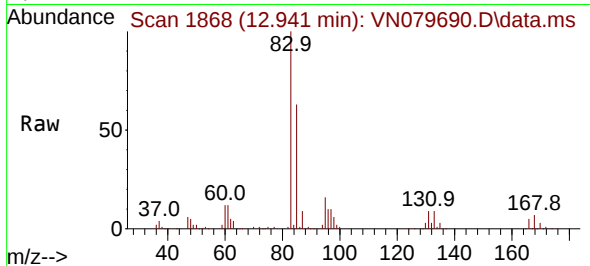
Tgt Ion: 43 Resp: 327775
Ion Ratio Lower Upper
43 100
70 42.9 43.4 65.2#
55 25.1 21.4 32.0
61 23.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.889 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

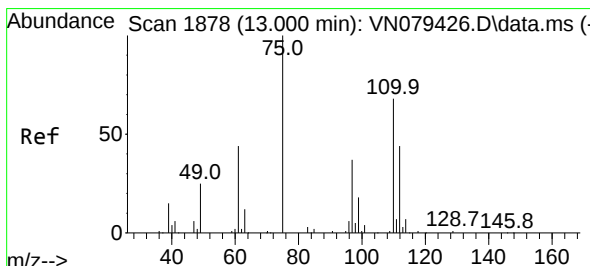
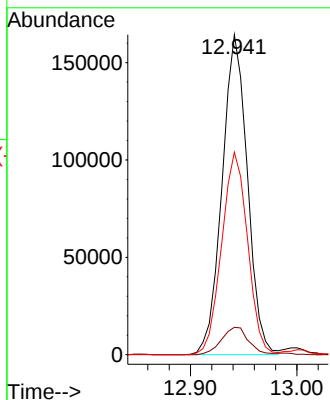
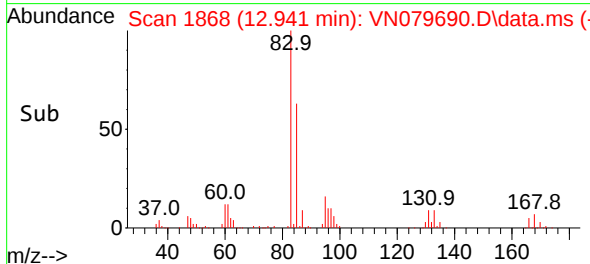
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27164
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 64.6 31.9 95.7

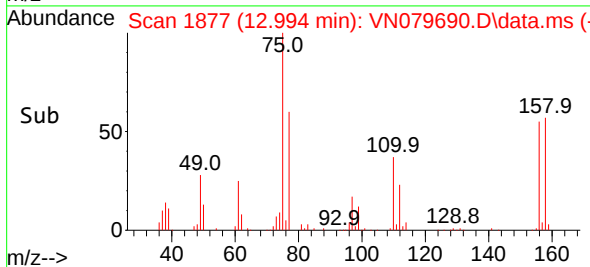
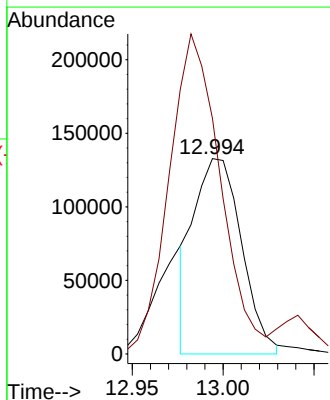
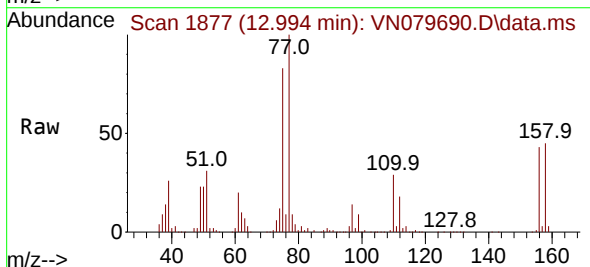
Manual Integrations
APPROVED

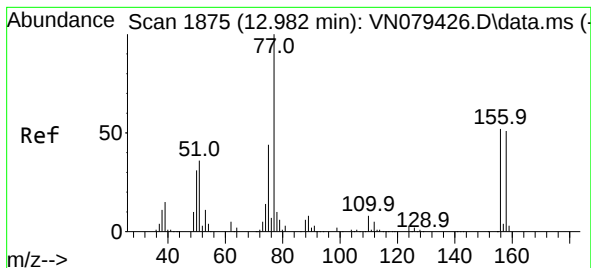
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#76
1,2,3-Trichloropropane
Concen: 47.197 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Tgt Ion: 75 Resp: 242010
Ion Ratio Lower Upper
75 100
77 176.7 84.5 253.5





#77

Bromobenzene

Concen: 45.482 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

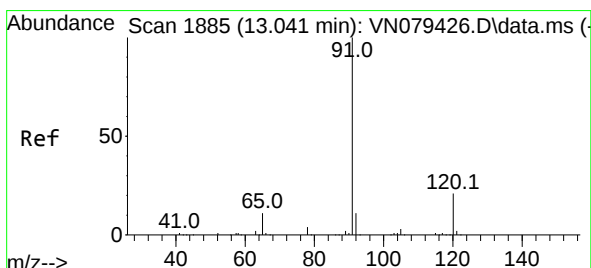
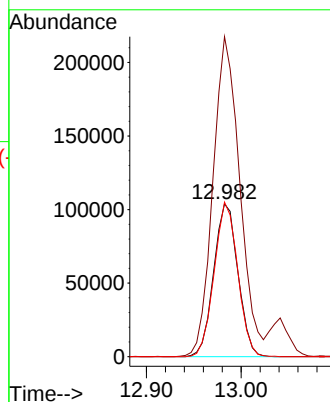
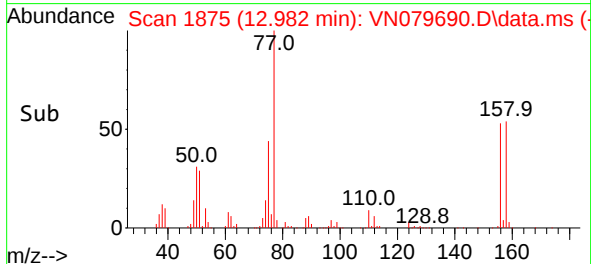
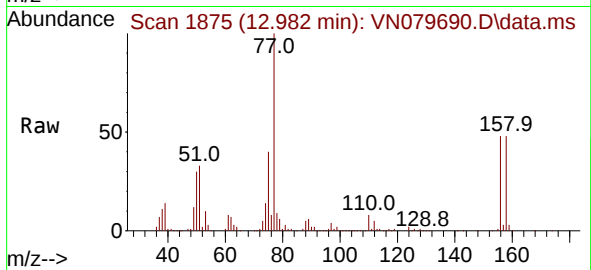
Tgt Ion:156 Resp: 184512
 Ion Ratio Lower Upper
 156 100
 77 231.7 107.7 323.3
 158 98.2 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#78

n-propylbenzene

Concen: 51.538 ug/l

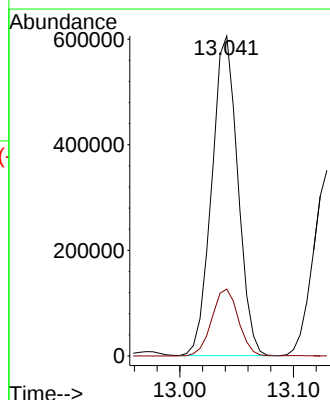
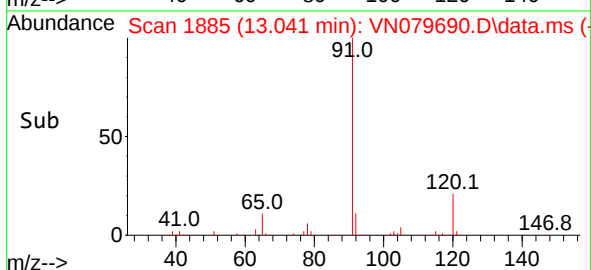
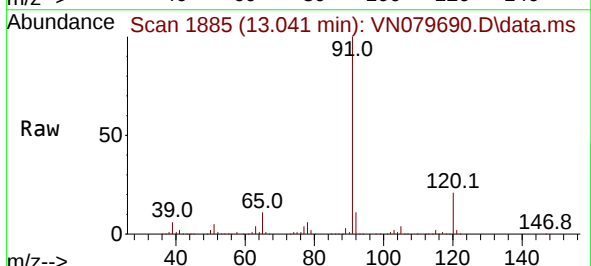
RT: 13.041 min Scan# 1885

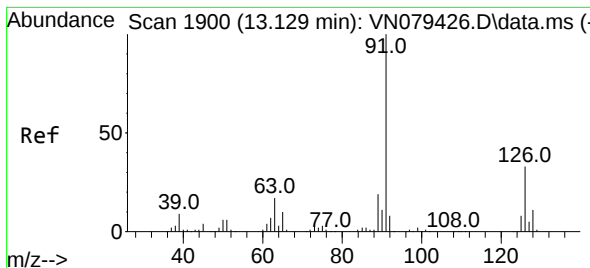
Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Tgt Ion: 91 Resp: 964736
 Ion Ratio Lower Upper
 91 100
 120 21.3 11.5 34.4





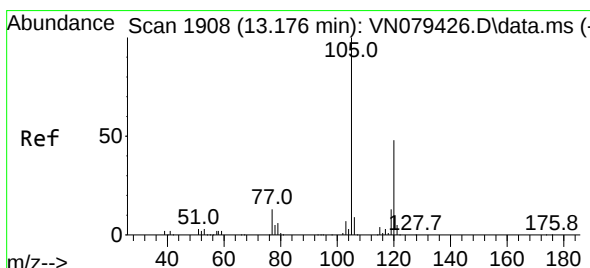
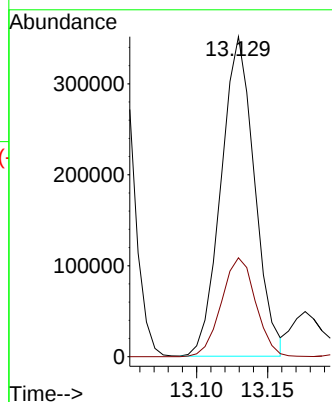
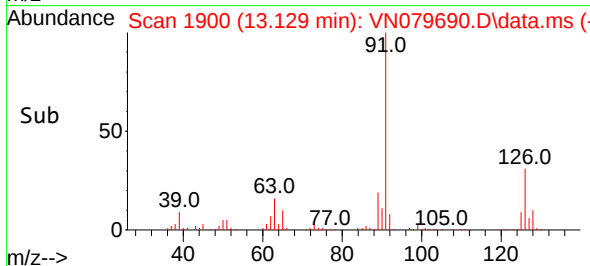
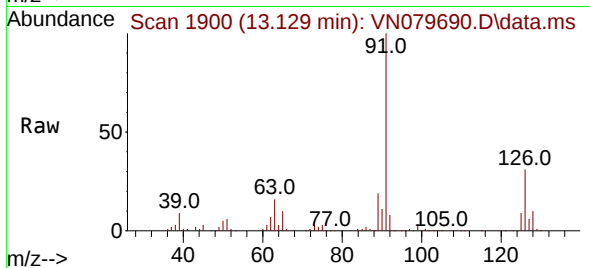
#79
2-Chlorotoluene
Concen: 48.114 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 576329
Ion Ratio Lower Upper
91 100
126 31.7 16.3 48.8

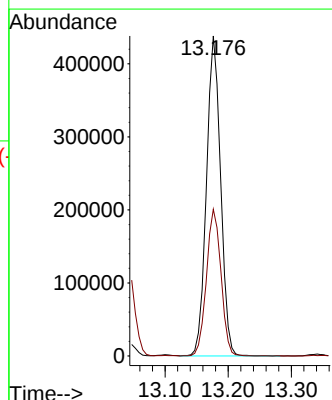
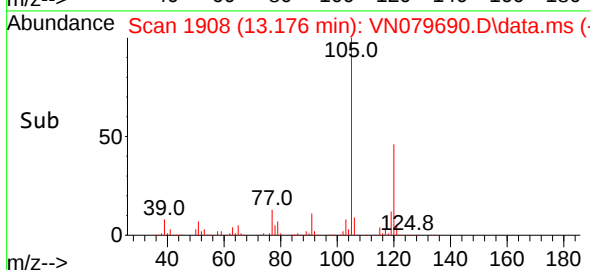
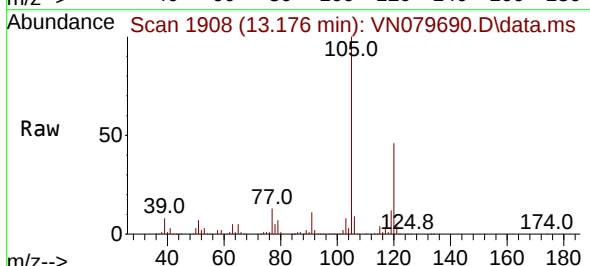
Manual Integrations
APPROVED

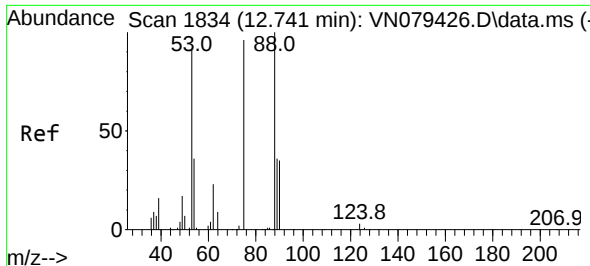
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.329 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

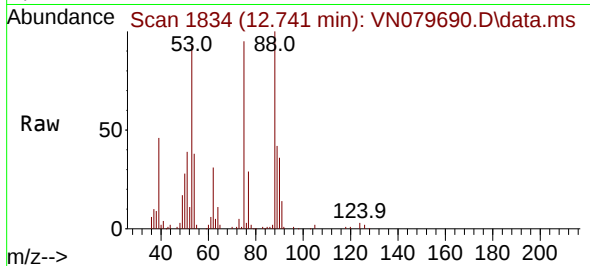
Tgt Ion:105 Resp: 682713
Ion Ratio Lower Upper
105 100
120 47.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 47.360 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

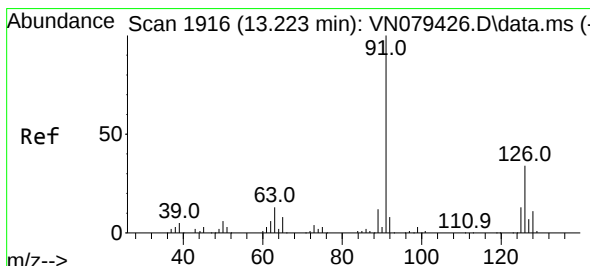
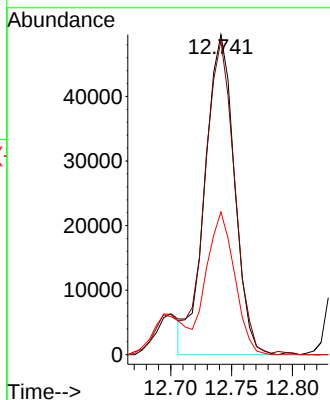
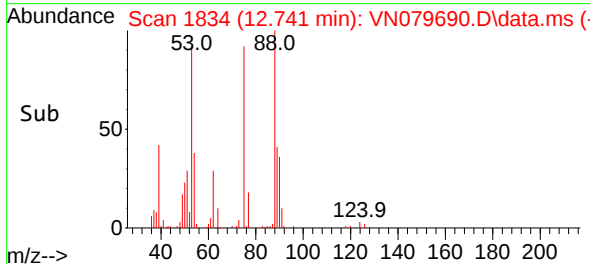
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



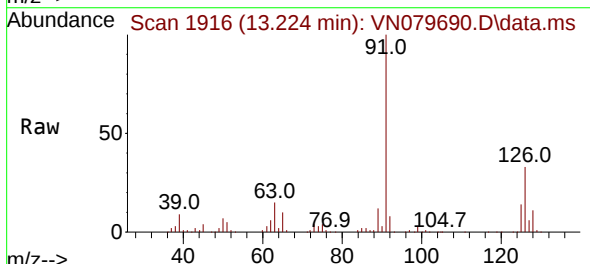
Tgt Ion: 75 Resp: 8369
Ion Ratio Lower Upper
75 100
53 99.9 67.4 101.2
89 42.1 38.8 58.2

Manual Integrations
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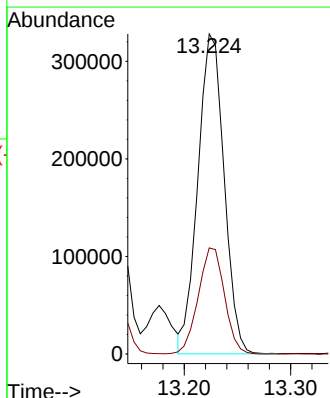
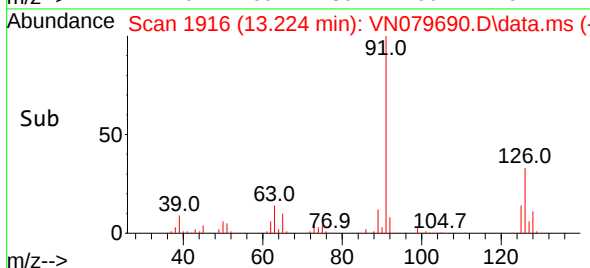
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

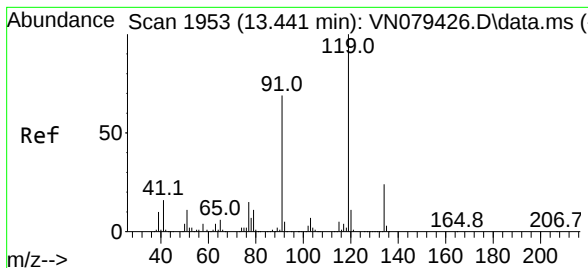


#82
4-Chlorotoluene
Concen: 49.231 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



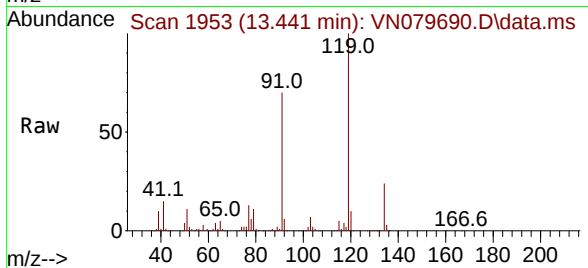
Tgt Ion: 91 Resp: 561149
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83
tert-Butylbenzene
Concen: 50.701 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

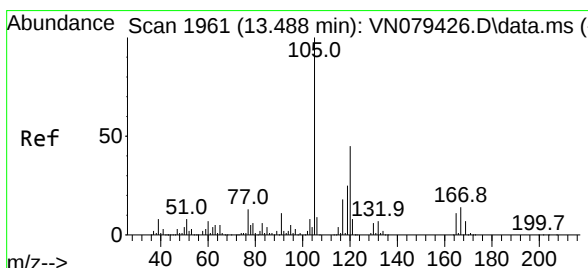
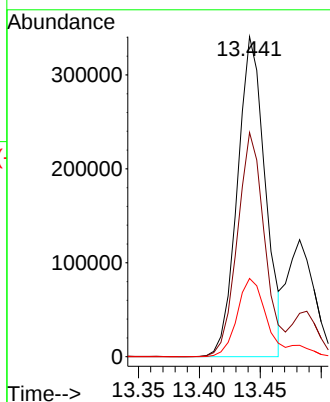
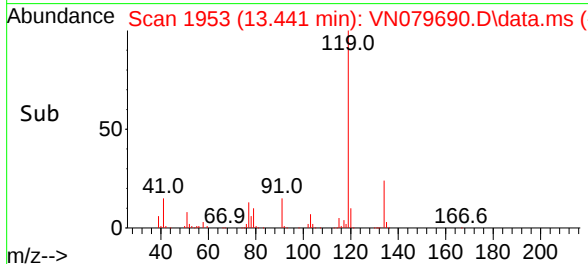
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



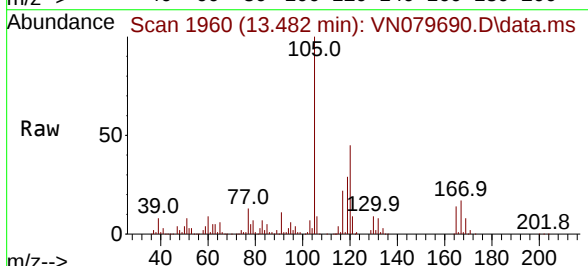
Tgt Ion:119 Resp: 541950
Ion Ratio Lower Upper
119 100
91 69.2 33.9 101.7
134 27.9 13.2 39.6

Manual Integrations
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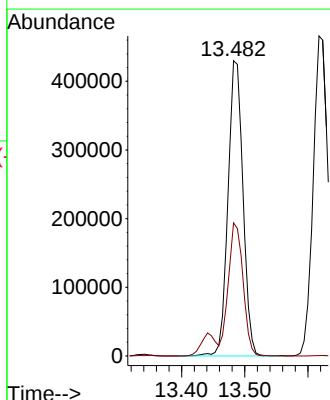
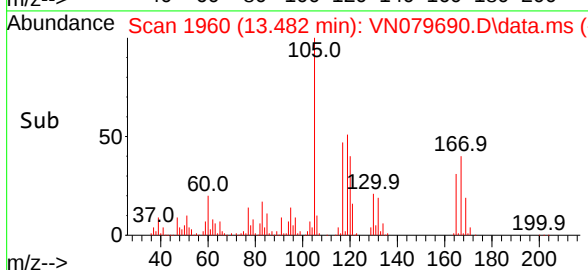
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.906 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



Tgt Ion:105 Resp: 708520
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





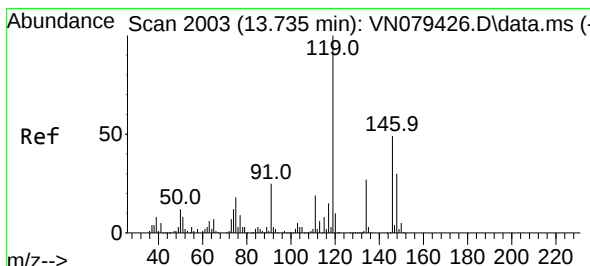
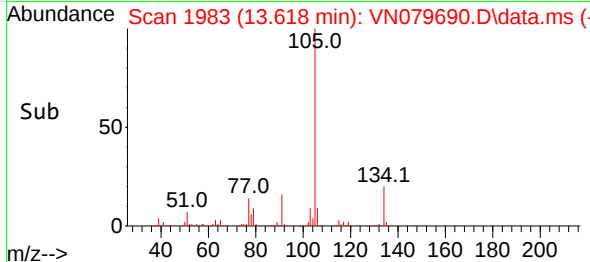
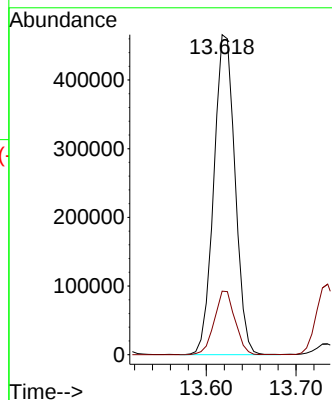
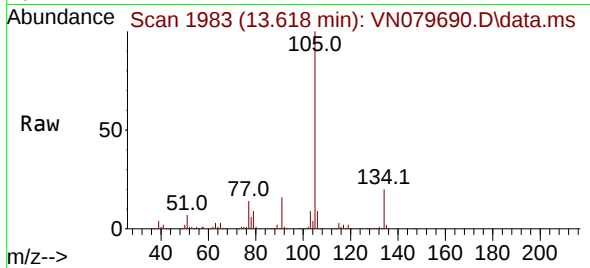
#85
 sec-Butylbenzene
 Concen: 51.286 ug/l
 RT: 13.618 min Scan# 1984
 Delta R.T. -0.006 min
 Lab File: VN079690.D
 Acq: 26 Oct 2023 10:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 764649
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

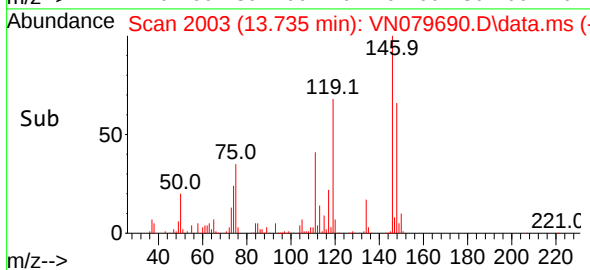
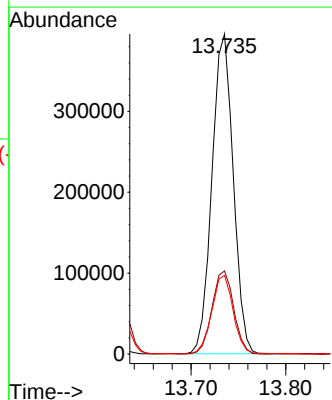
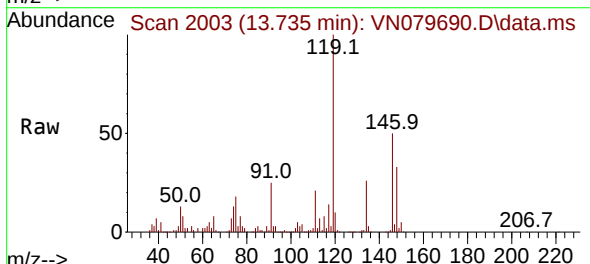
Manual Integrations
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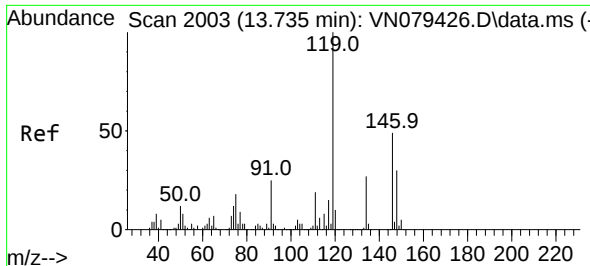
Reviewed By :John Carlone 10/27/2023
 Supervised By :Mahesh Dadoda 10/27/2023



#86
 p-Isopropyltoluene
 Concen: 54.013 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079690.D
 Acq: 26 Oct 2023 10:42

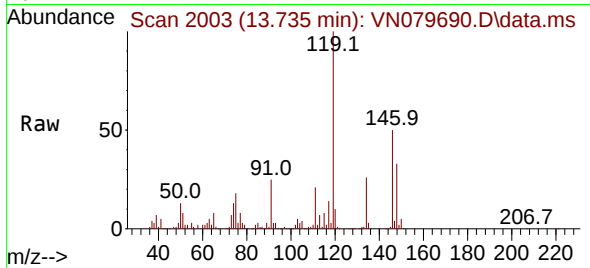
Tgt Ion:119 Resp: 617793
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.6 37.8
 91 24.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 51.896 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

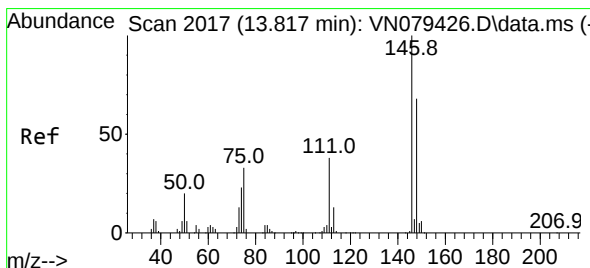
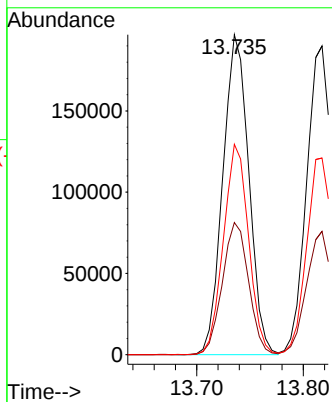
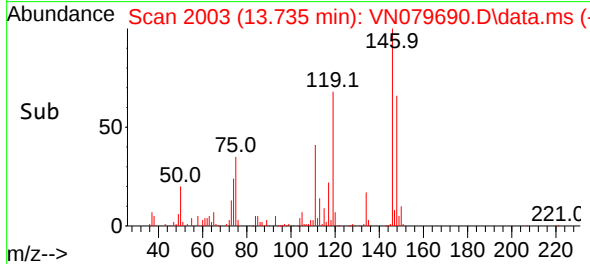
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



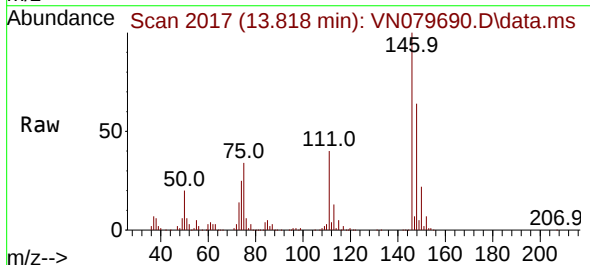
Tgt Ion:146 Resp: 333918
Ion Ratio Lower Upper
146 100
111 41.7 22.1 66.3
148 63.8 32.0 96.0

Manual Integrations
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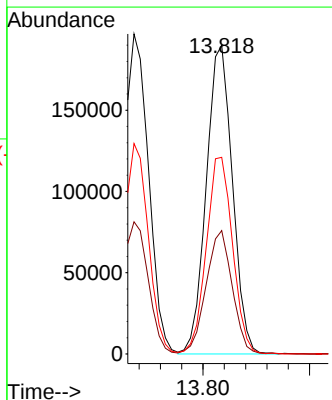
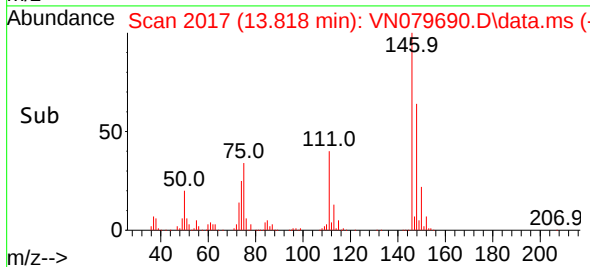
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

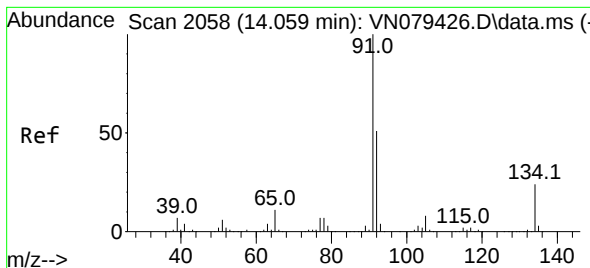


#88
1,4-Dichlorobenzene
Concen: 48.830 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



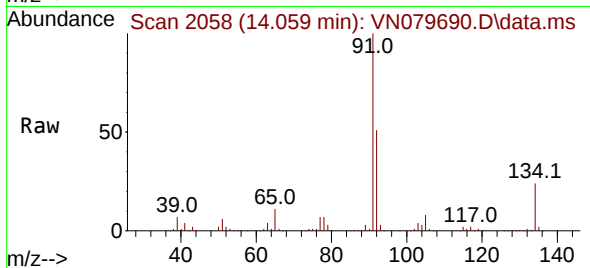
Tgt Ion:146 Resp: 324417
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 64.1 31.6 94.8





#89
n-Butylbenzene
Concen: 56.942 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

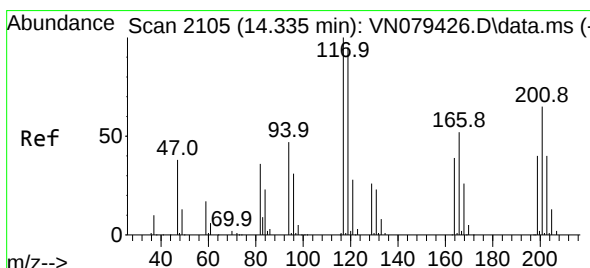
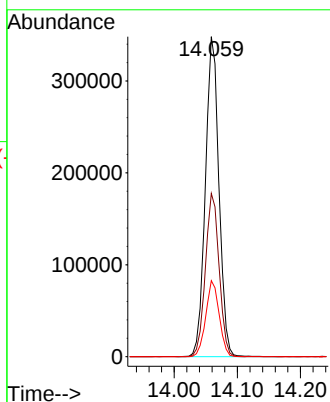
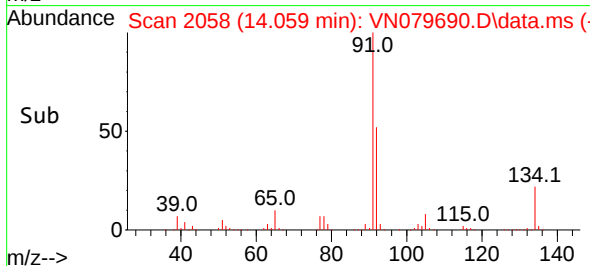
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 520090
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 23.5 12.6 37.6

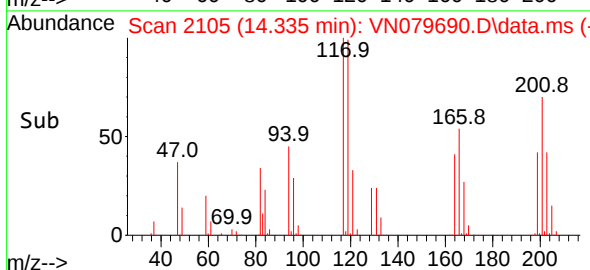
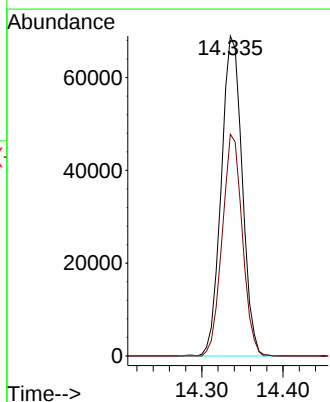
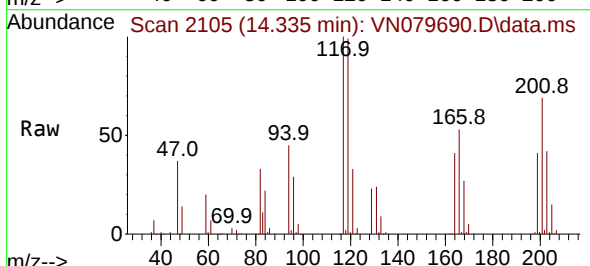
Manual Integrations
APPROVED

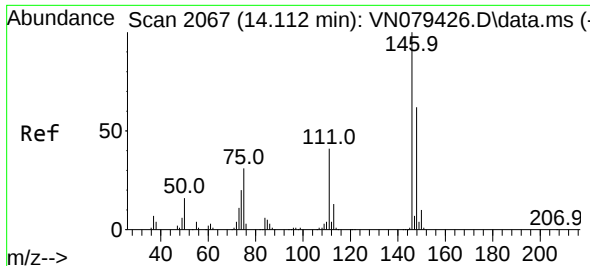
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#90
Hexachloroethane
Concen: 53.161 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

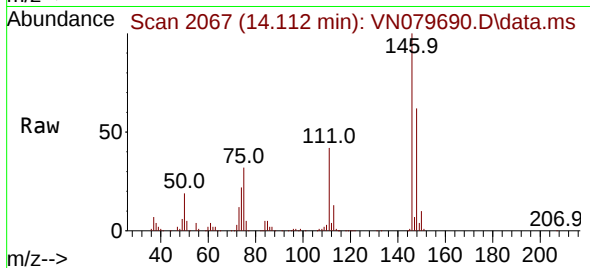
Tgt Ion:117 Resp: 123289
Ion Ratio Lower Upper
117 100
201 66.8 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 51.471 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

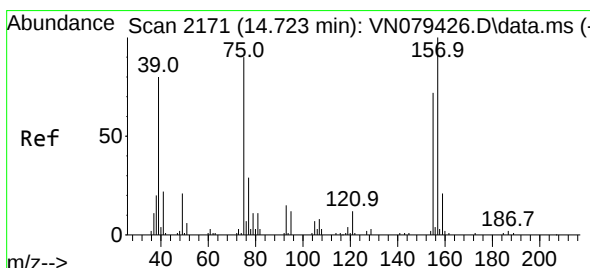
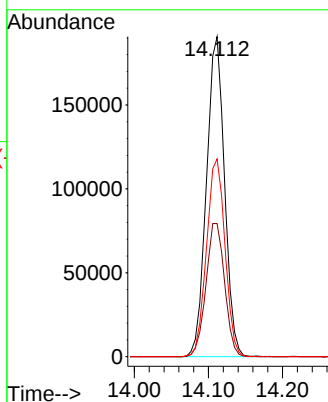
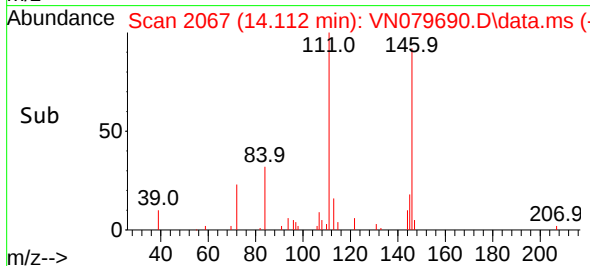
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



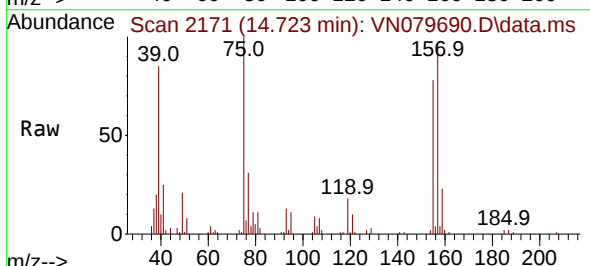
Tgt Ion:146 Resp: 32304
Ion Ratio Lower Upper
146 100
111 43.0 22.0 66.0
148 63.3 31.8 95.3

Manual Integrations
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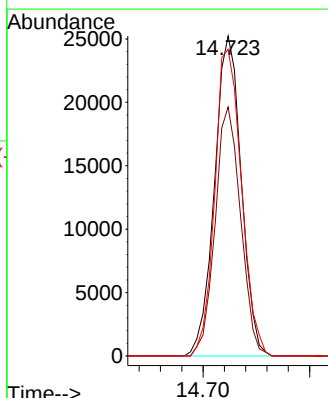
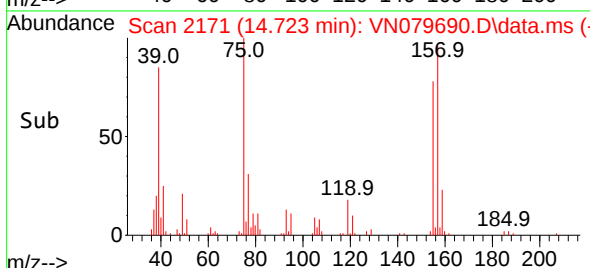
Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023

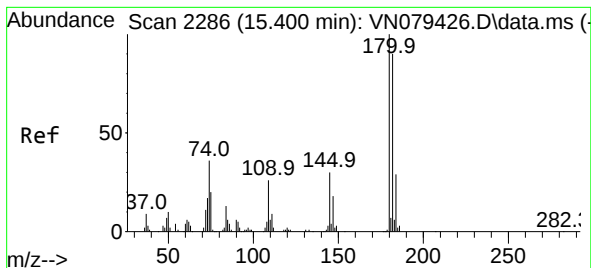


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.916 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



Tgt Ion: 75 Resp: 43928
Ion Ratio Lower Upper
75 100
155 74.2 39.1 117.2
157 95.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 56.152 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

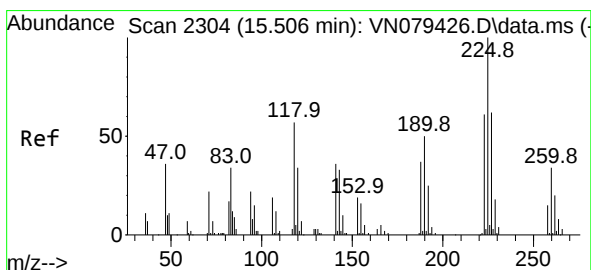
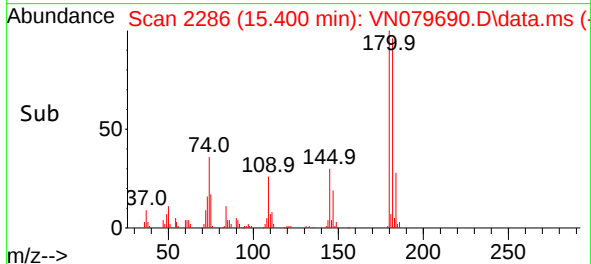
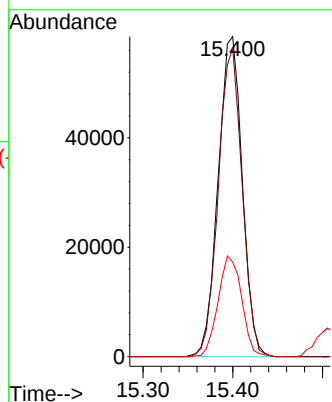
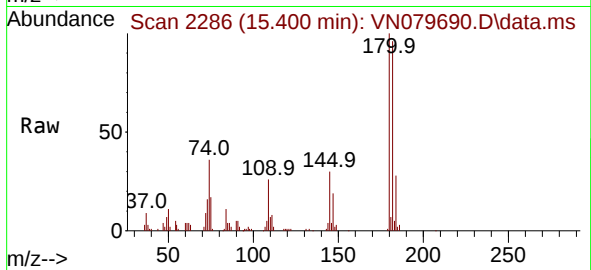
Tgt Ion:	180	Resp:	10915
Ion Ratio	Lower	Upper	
180	100		
182	95.0	46.1	138.2
145	30.8	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/27/2023

Supervised By :Mahesh Dadoda 10/27/2023



#94

Hexachlorobutadiene

Concen: 51.237 ug/l

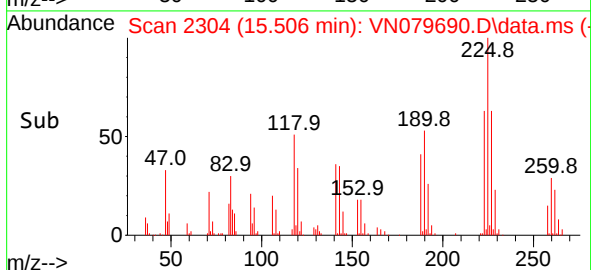
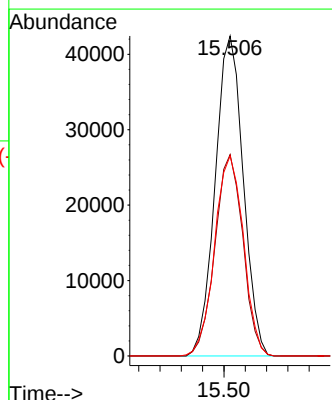
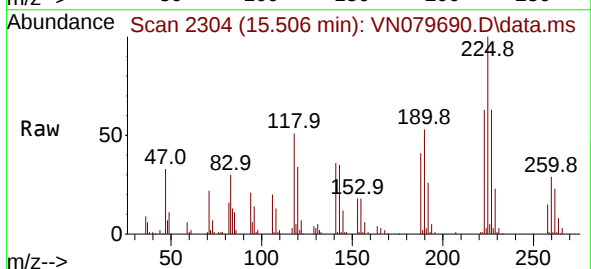
RT: 15.506 min Scan# 2304

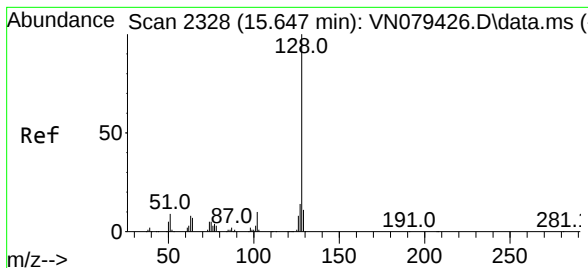
Delta R.T. 0.000 min

Lab File: VN079690.D

Acq: 26 Oct 2023 10:42

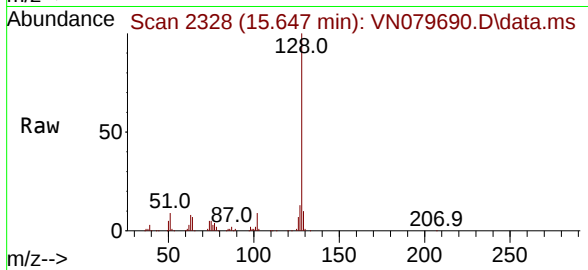
Tgt Ion:	225	Resp:	77570
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	64.2	31.9	95.9





#95
Naphthalene
Concen: 47.845 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42

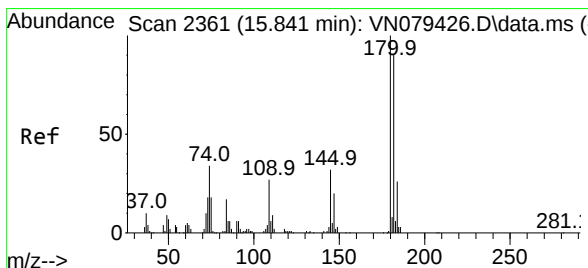
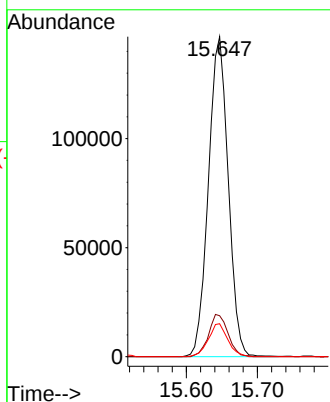
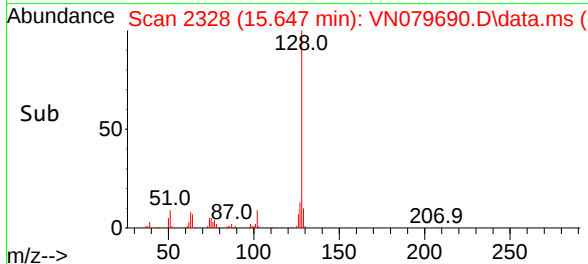
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



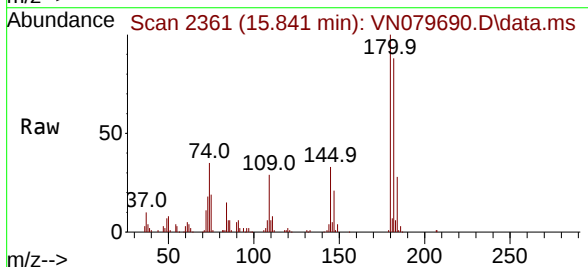
Tgt Ion:128 Resp: 284000
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/27/2023
Supervised By :Mahesh Dadoda 10/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.658 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079690.D
Acq: 26 Oct 2023 10:42



Tgt Ion:180 Resp: 112872
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 33.9 17.5 52.6

