

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091223\
 Data File : VW032040.D
 Acq On : 12 Sep 2023 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 13 06:55:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	240827	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	232655	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	125515	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	75190	49.888	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.780%
7) Chloroethane-d5	1.529	69	61446	46.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.020%
11) 1,1-Dichloroethene-d2	2.056	65	31930	45.243	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.480%
21) 2-Butanone-d5	3.786	46	123937	104.553	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.550%
24) Chloroform-d	4.249	84	145346	44.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
26) 1,2-Dichloroethane-d4	4.944	65	90397	41.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.700%
32) Benzene-d6	4.960	84	289180	45.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.100%
36) 1,2-Dichloropropane-d6	5.989	67	96362	47.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	7.246	98	262924	44.948	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.900%
43) trans-1,3-Dichloroprop...	7.554	79	45603	43.059	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
47) 2-Hexanone-d5	8.027	63	79658	127.192	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	127.190%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	127716	48.368	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.740%
66) 1,2-Dichlorobenzene-d4	11.564	152	99973	43.693	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	66766	45.540	ug/L	98
3) Chloromethane	1.214	50	81321	54.396	ug/L	99
5) Vinyl chloride	1.281	62	81768	51.215	ug/L	98
6) Bromomethane	1.484	94	45735	48.652	ug/L	99
8) Chloroethane	1.545	64	54521	51.384	ug/L	98
9) Trichlorofluoromethane	1.712	101	109748	47.156	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	70718	50.325	ug/L	97
12) 1,1-Dichloroethene	2.069	96	60983	48.316	ug/L	89
13) Acetone	2.111	43	115396	109.373	ug/L	99
14) Carbon disulfide	2.240	76	141656	49.255	ug/L	99
15) Methyl Acetate	2.371	43	108760	57.799	ug/L	98
16) Methylene chloride	2.445	84	83819	51.678	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	68328	49.378	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	286698	49.023	ug/L	98
19) 1,1-Dichloroethane	3.111	63	164181	52.943	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	87592	50.454	ug/L	98
22) 2-Butanone	3.867	43	156886	112.375	ug/L	95
23) Bromochloromethane	4.146	128	42417	50.360	ug/L	93
25) Chloroform	4.275	83	160440	49.760	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091223\
 Data File : VW032040.D
 Acq On : 12 Sep 2023 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

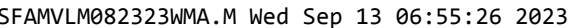
Instrument :
 MSVOA_V
 ClientSampleId :

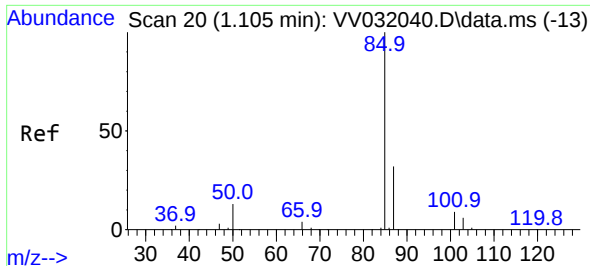
Quant Time: Sep 13 06:55:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 09 05:33:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	122553	48.246	ug/L	97
29) Cyclohexane	4.584	56	123993	51.186	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	130398	48.051	ug/L	99
31) Carbon tetrachloride	4.735	117	106997	46.433	ug/L	99
33) Benzene	5.011	78	328196	52.501	ug/L	100
34) Trichloroethene	5.834	95	90392	47.280	ug/L	100
35) Methylcyclohexane	6.053	83	125188	49.230	ug/L	97
37) 1,2-Dichloropropane	6.095	63	101396	57.225	ug/L	99
38) Bromodichloromethane	6.436	83	125325	49.830	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	155656	50.528	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	317591	112.928	ug/L	97
42) Toluene	7.317	91	349141	50.773	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	143669	48.539	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	92466	51.654	ug/L	99
46) Tetrachloroethene	7.908	164	58903	49.067	ug/L	98
48) 2-Hexanone	8.079	43	240126	111.806	ug/L	98
49) Dibromochloromethane	8.178	129	89914	48.879	ug/L	100
50) 1,2-Dibromoethane	8.284	107	93218	49.718	ug/L	100
51) Chlorobenzene	8.815	112	234094	51.233	ug/L	99
52) Ethylbenzene	8.950	91	407583	50.038	ug/L	98
53) m,p-Xylene	9.075	106	147013	48.609	ug/L	98
54) o-Xylene	9.480	106	149610	49.737	ug/L	98
55) Styrene	9.500	104	263224	49.501	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.181	83	144827	57.151	ug/L	99
59) Bromoform	9.667	173	61936	47.586	ug/L	100
60) Isopropylbenzene	9.870	105	410092	48.781	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	122860	51.810	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	334742	47.329	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	338811	47.620	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	188211	49.955	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	191216	49.912	ug/L	100
67) 1,2-Dichlorobenzene	11.583	146	188148	50.396	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	31929	44.826	ug/L	96
69) 1,3,5-Trichlorobenzene	12.586	180	134732	49.054	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	128317	48.671	ug/L	99
71) Naphthalene	13.442	128	411068	48.802	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	126990	50.267	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Sep 13 06:55:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 09 05:33:49 2023
Response via : Initial Calibration

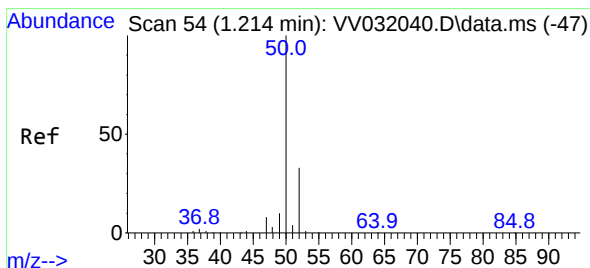
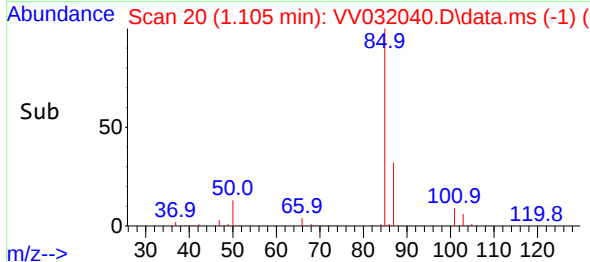
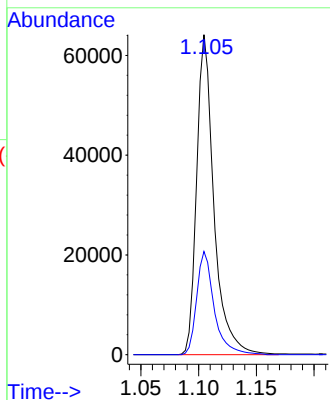
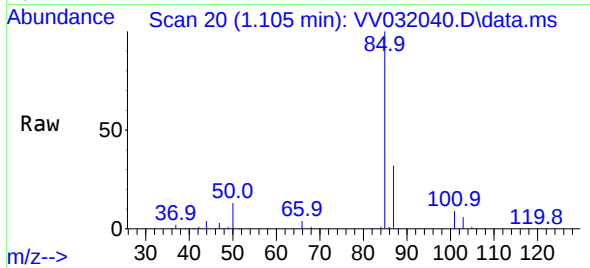




#2
Dichlorodifluoromethane
Concen: 45.540 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

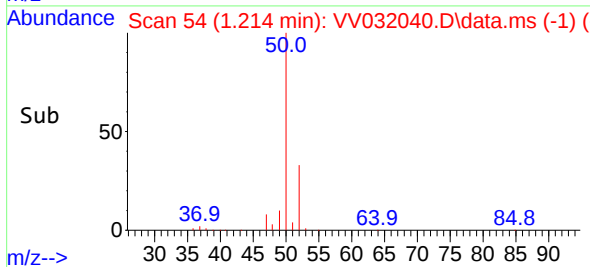
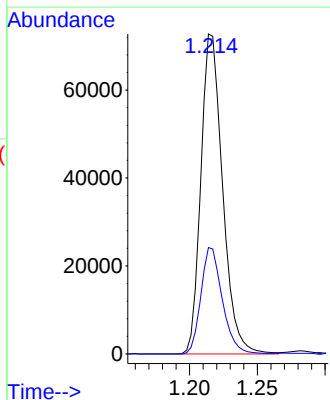
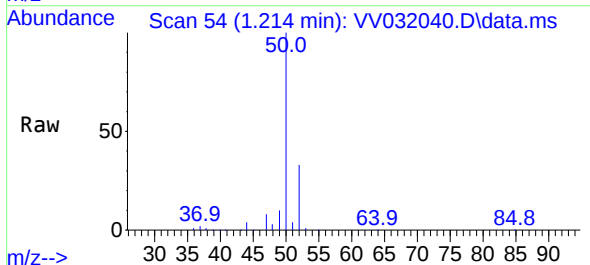
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 85 Resp: 66766
Ion Ratio Lower Upper
85 100
87 32.6 26.8 40.2

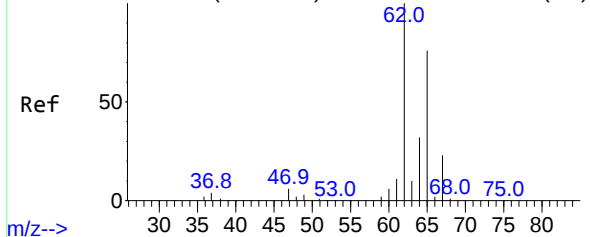


#3
Chloromethane
Concen: 54.396 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 50 Resp: 81321
Ion Ratio Lower Upper
50 100
52 33.2 23.0 42.6



Abundance Scan 75 (1.281 min): VV032040.D\data.ms (-68)



#5

Vinyl chloride

Concen: 51.215 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

ClientSampleId :

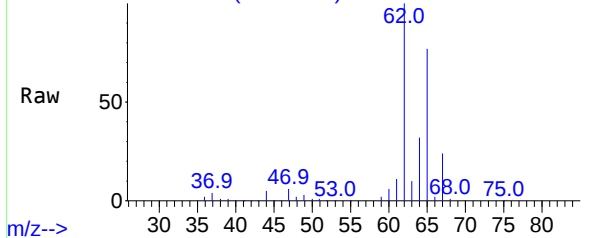
Tgt Ion: 62 Resp: 81768

Ion Ratio Lower Upper

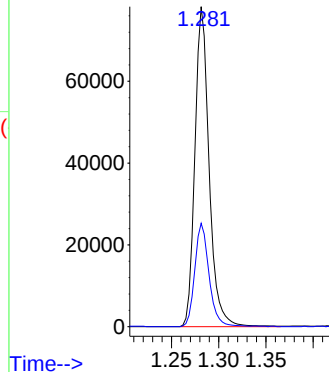
62 100

64 32.3 23.6 43.8

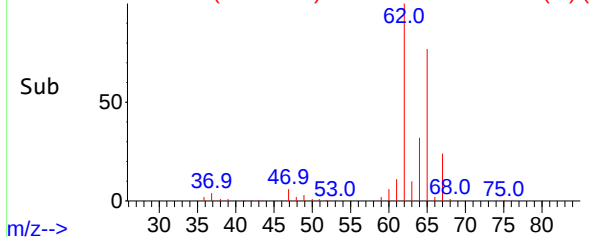
Abundance Scan 75 (1.281 min): VV032040.D\data.ms



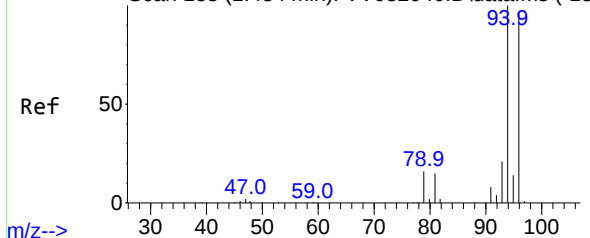
Abundance



Abundance Scan 75 (1.281 min): VV032040.D\data.ms (-1)



Abundance Scan 138 (1.484 min): VV032040.D\data.ms (-13)



#6

Bromomethane

Concen: 48.652 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

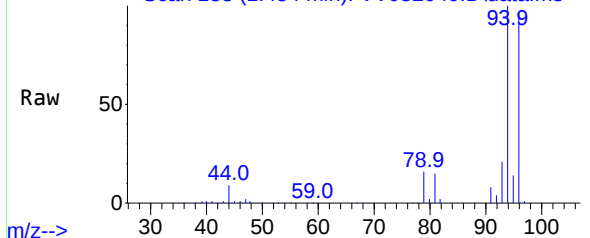
Tgt Ion: 94 Resp: 45735

Ion Ratio Lower Upper

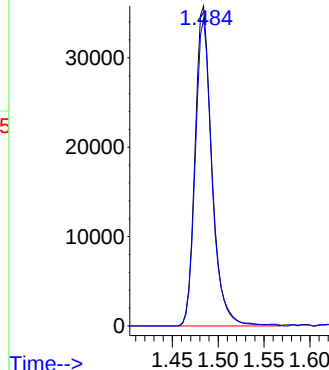
94 100

96 96.1 66.4 123.4

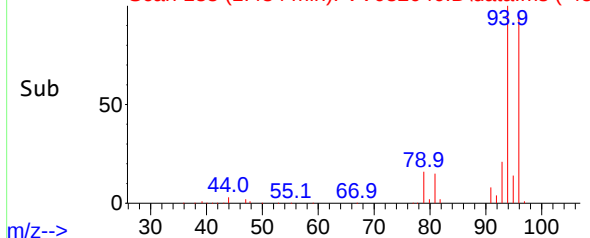
Abundance Scan 138 (1.484 min): VV032040.D\data.ms

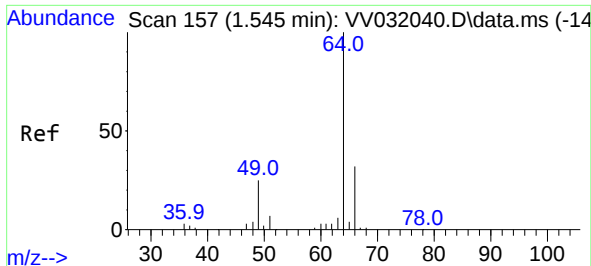


Abundance



Abundance Scan 138 (1.484 min): VV032040.D\data.ms (-45)

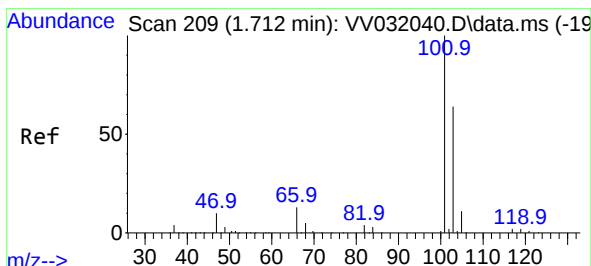
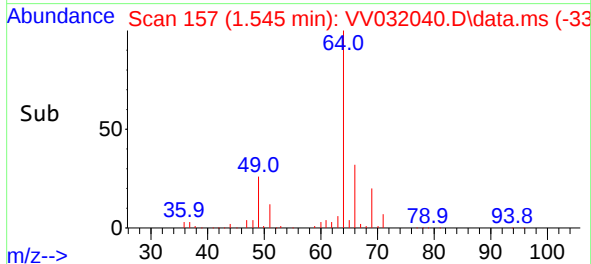
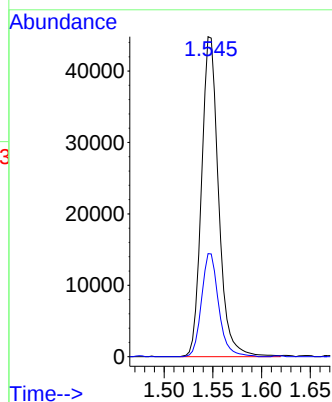
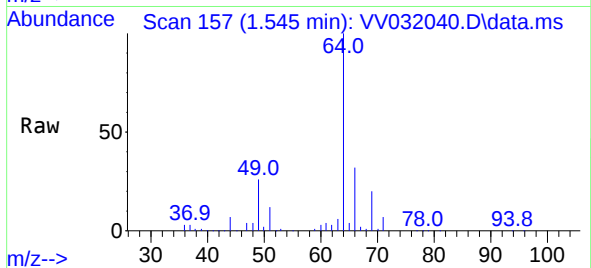




#8
Chloroethane
Concen: 51.384 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

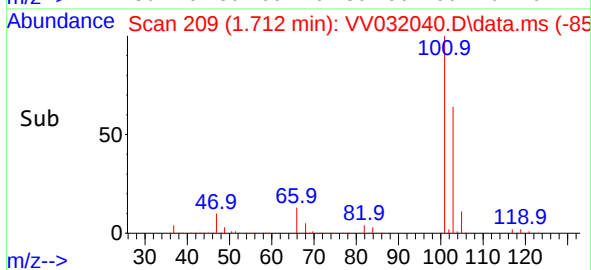
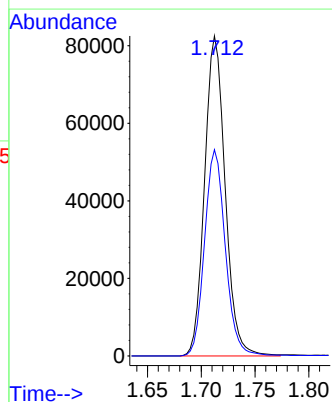
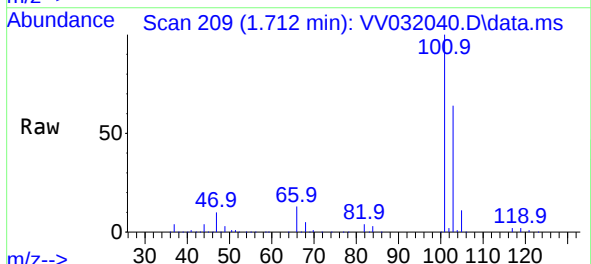
Instrument :
MSVOA_V
ClientSampleId :

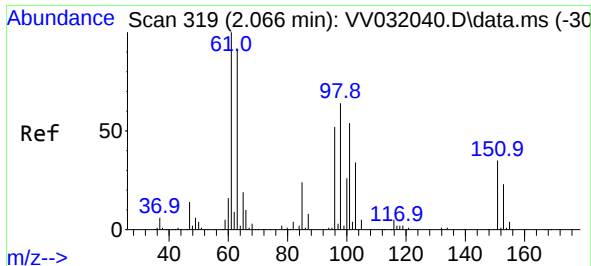
Tgt Ion: 64 Resp: 54521
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#9
Trichlorofluoromethane
Concen: 47.156 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion:101 Resp: 109748
Ion Ratio Lower Upper
101 100
103 65.1 51.9 77.9

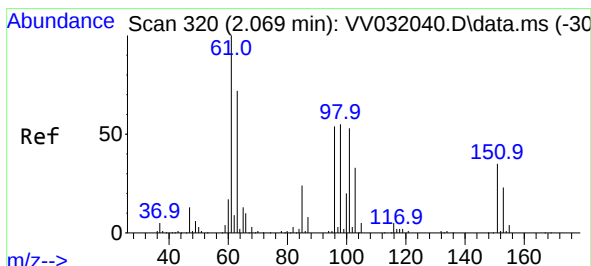
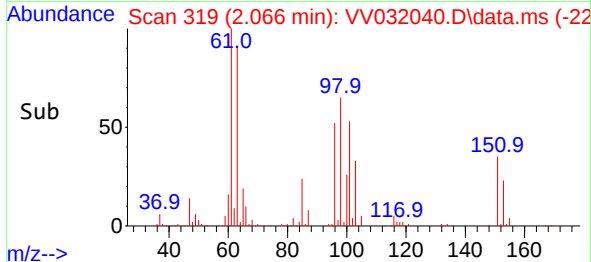
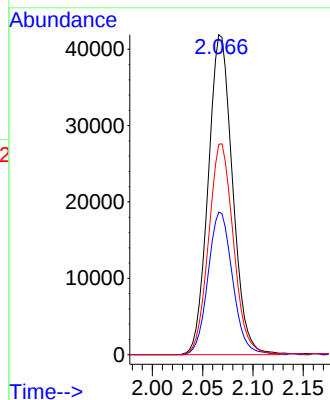
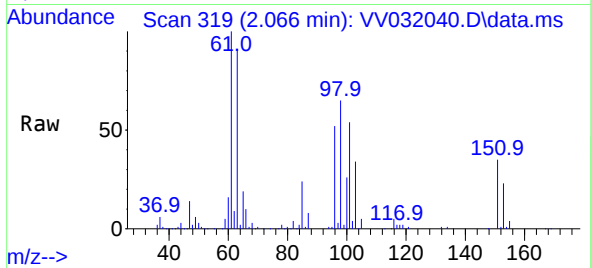




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.325 ug/L
RT: 2.066 min Scan# 319
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

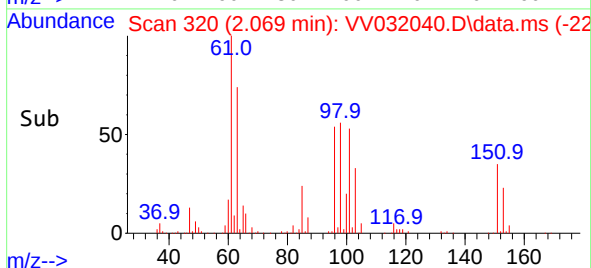
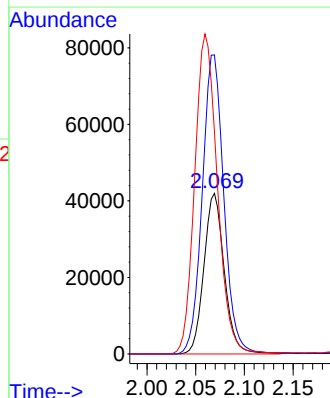
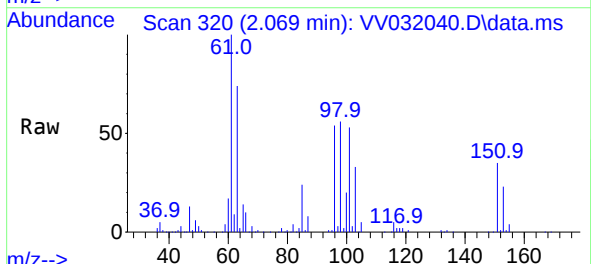
Instrument :
MSVOA_V
ClientSampleId :

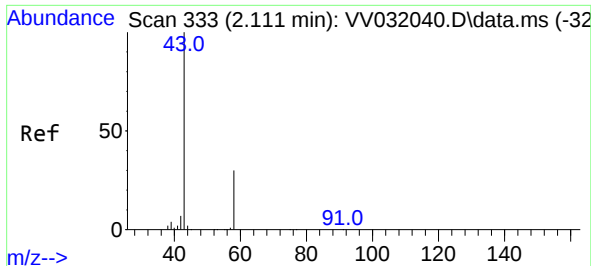
Tgt Ion:101 Resp: 70718
Ion Ratio Lower Upper
101 100
85 44.9 35.8 53.8
151 67.1 56.5 84.7



#12
1,1-Dichloroethene
Concen: 48.316 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 96 Resp: 60983
Ion Ratio Lower Upper
96 100
61 186.1 133.8 248.6
63 138.3 115.2 214.0





#13

Acetone

Concen: 109.373 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

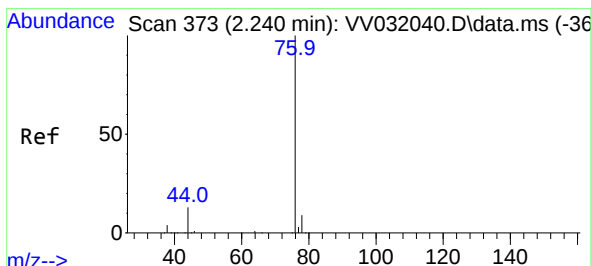
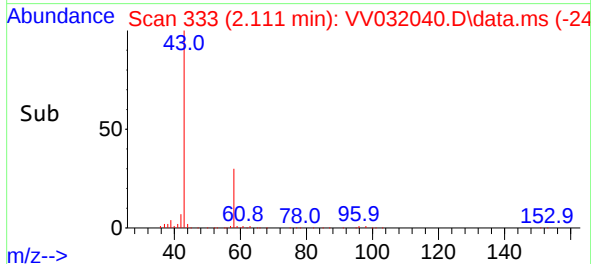
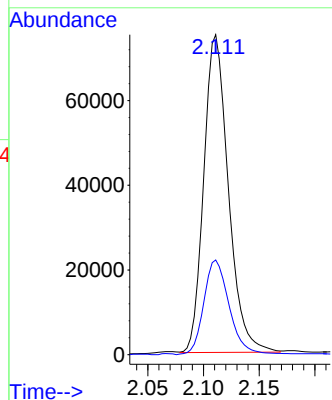
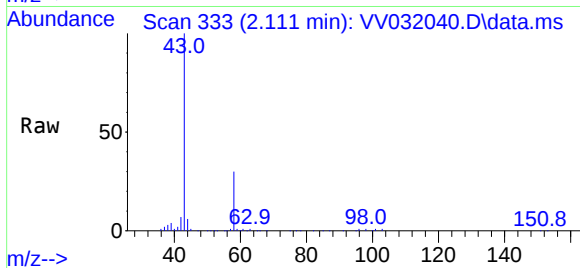
ClientSampleId :

Tgt Ion: 43 Resp: 115396

Ion Ratio Lower Upper

43 100

58 31.1 0.0 61.0



#14

Carbon disulfide

Concen: 49.255 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.000 min

Lab File: VV032040.D

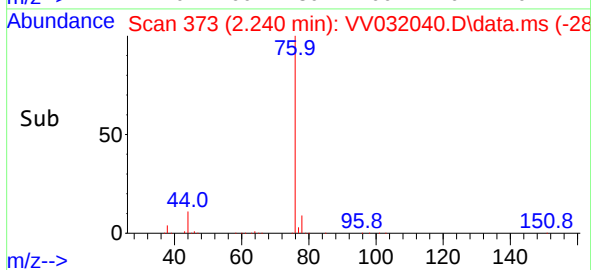
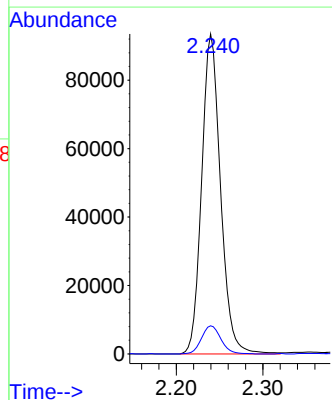
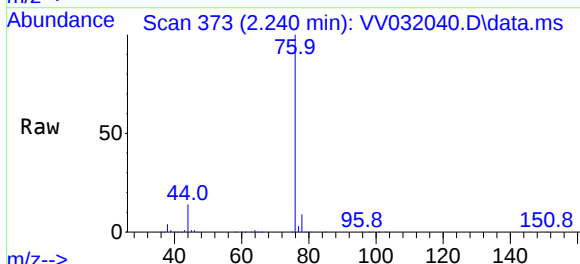
Acq: 12 Sep 2023 11:21

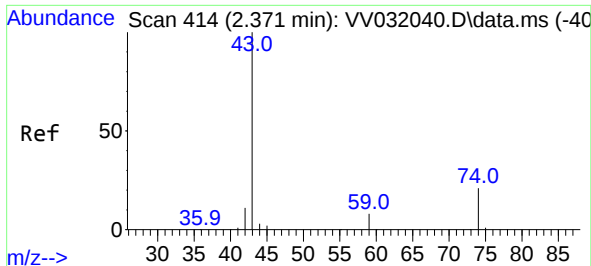
Tgt Ion: 76 Resp: 141656

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0

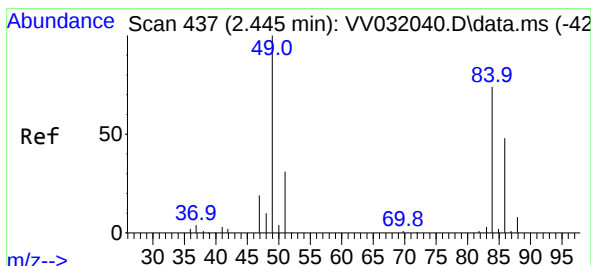
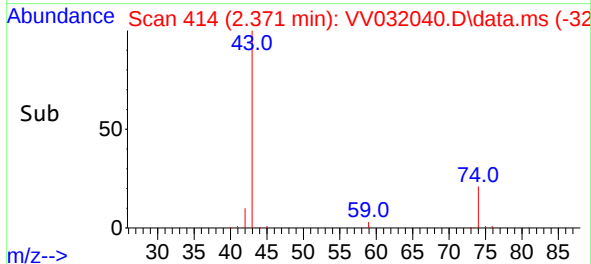
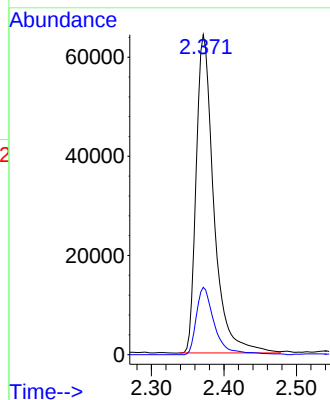
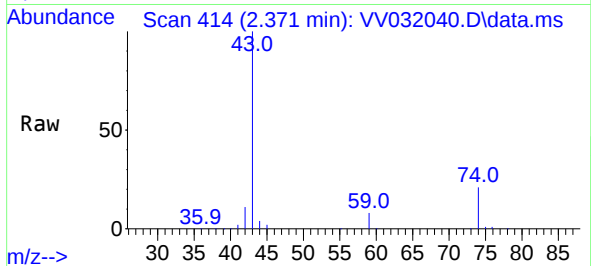




#15
Methyl Acetate
Concen: 57.799 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

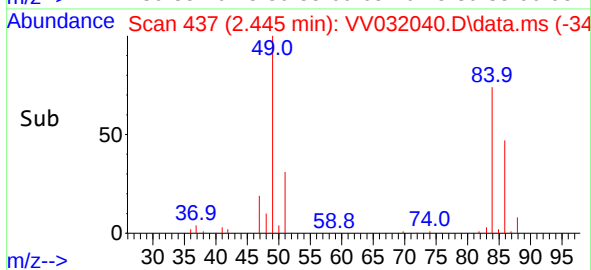
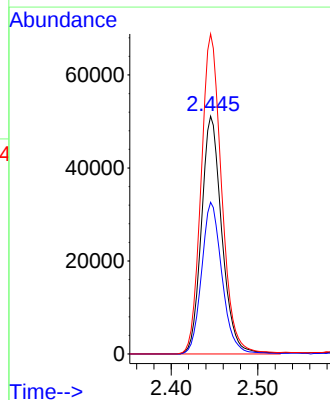
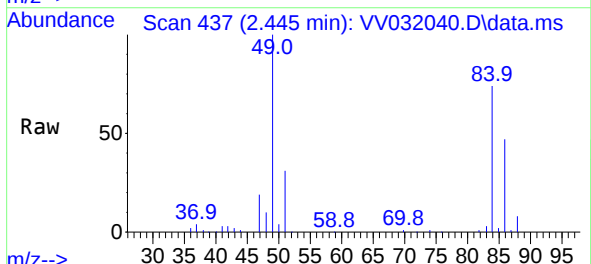
Instrument :
MSVOA_V
ClientSampleId :

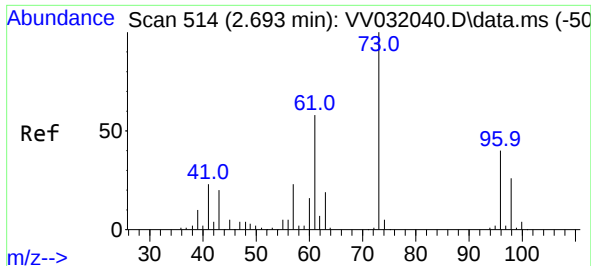
Tgt Ion: 43 Resp: 108760
Ion Ratio Lower Upper
43 100
74 21.2 17.9 26.9



#16
Methylene chloride
Concen: 51.678 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

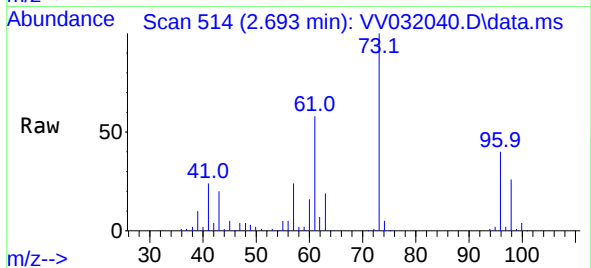
Tgt Ion: 84 Resp: 83819
Ion Ratio Lower Upper
84 100
86 63.8 44.6 82.8
49 134.6 91.6 170.2



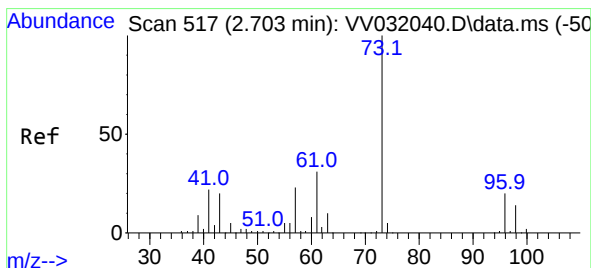
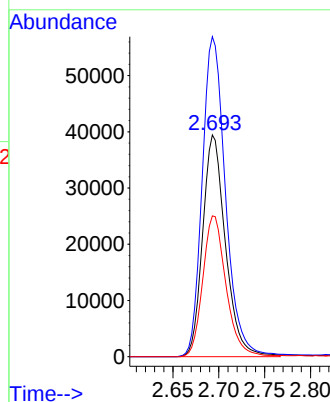
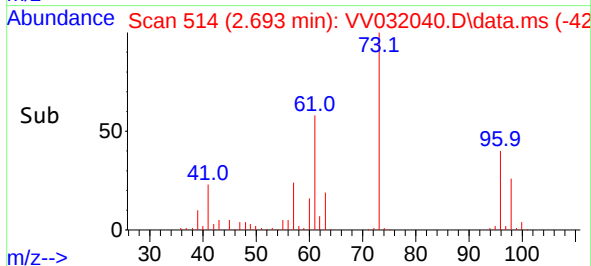


#17
trans-1,2-Dichloroethene
Concen: 49.378 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

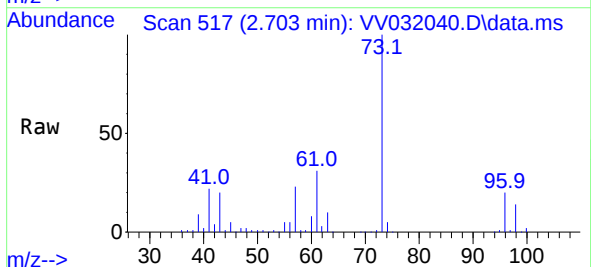
Instrument :
MSVOA_V
ClientSampleId :



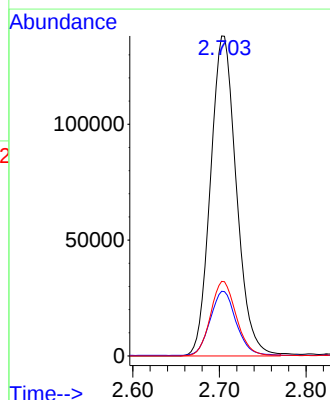
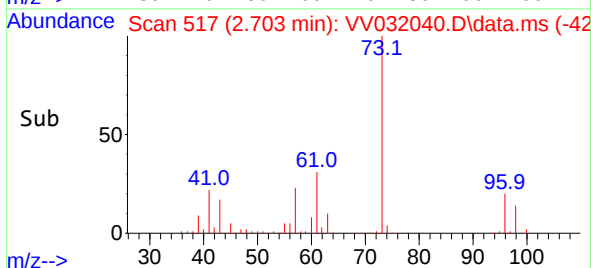
Tgt Ion: 96 Resp: 68328
Ion Ratio Lower Upper
96 100
61 144.3 107.3 199.3
98 63.5 46.3 85.9

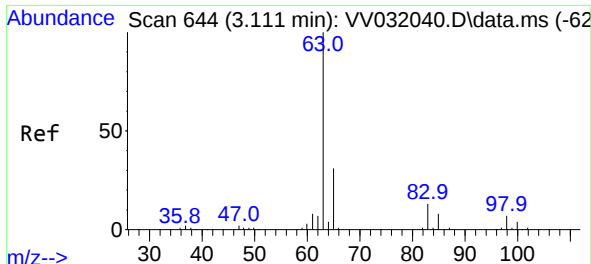


#18
Methyl tert-butyl Ether
Concen: 49.023 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21



Tgt Ion: 73 Resp: 286698
Ion Ratio Lower Upper
73 100
43 20.1 16.6 25.0
57 23.2 17.6 26.4

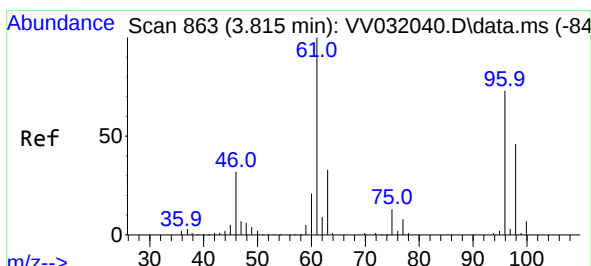
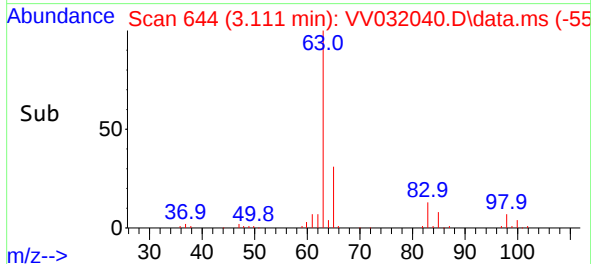
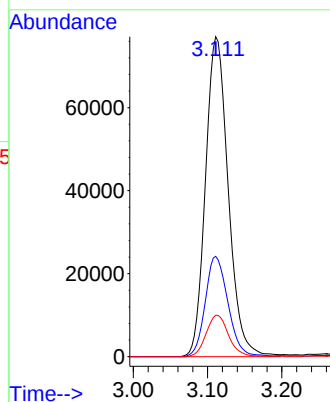
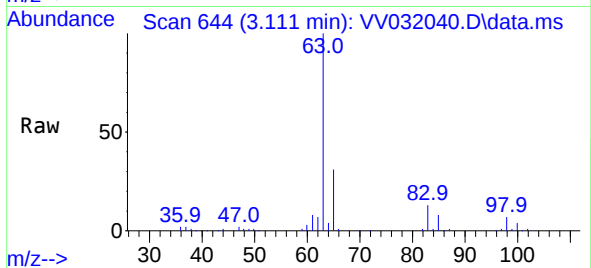




#19
1,1-Dichloroethane
Concen: 52.943 ug/L
RT: 3.111 min Scan# 644
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

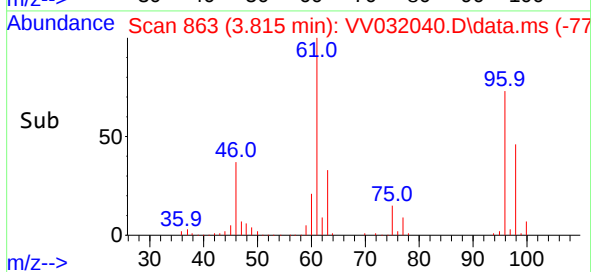
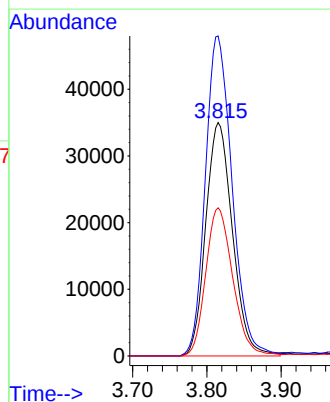
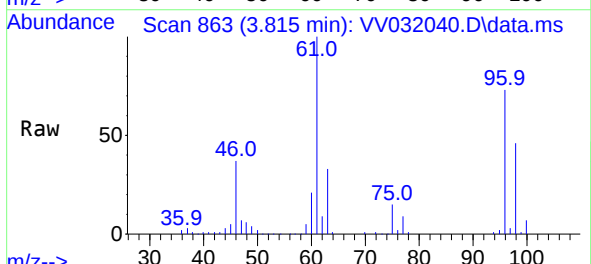
Instrument :
MSVOA_V
ClientSampleId :

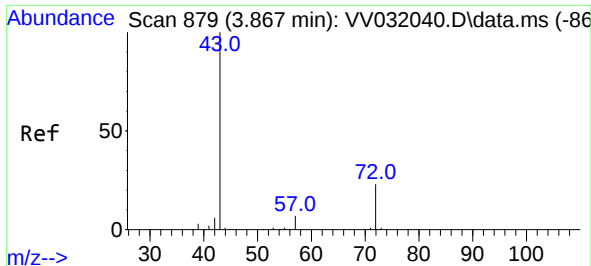
Tgt Ion: 63 Resp: 164181
Ion Ratio Lower Upper
63 100
65 31.3 22.4 41.6
83 13.0 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 50.454 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 96 Resp: 87592
Ion Ratio Lower Upper
96 100
61 137.1 97.3 180.7
98 63.4 45.3 84.1

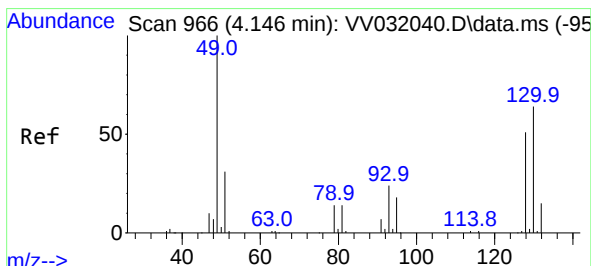
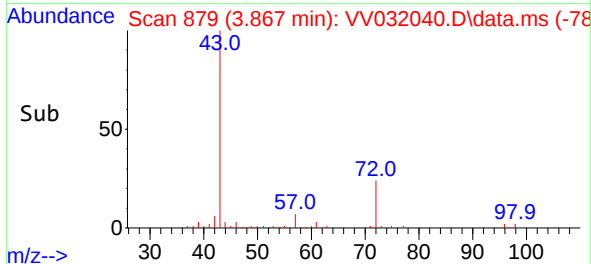
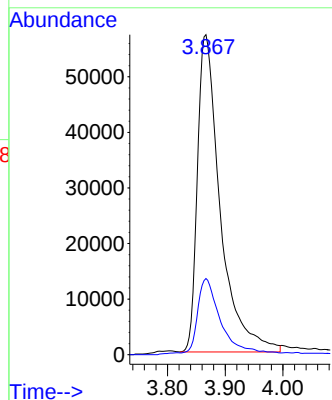
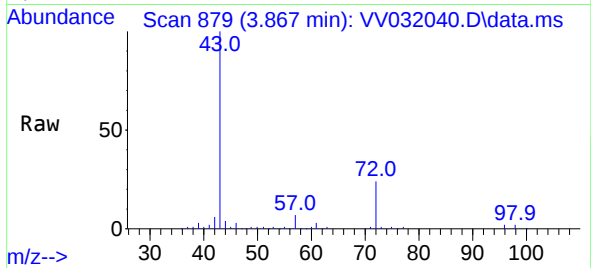




#22
2-Butanone
Concen: 112.375 ug/L
RT: 3.867 min Scan# 879
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

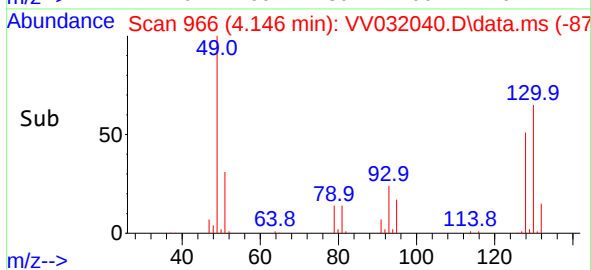
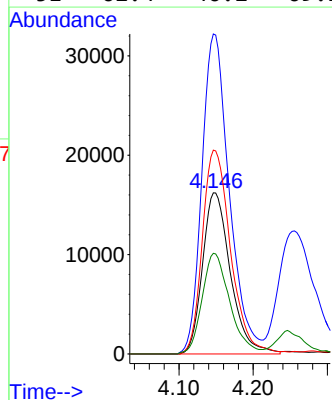
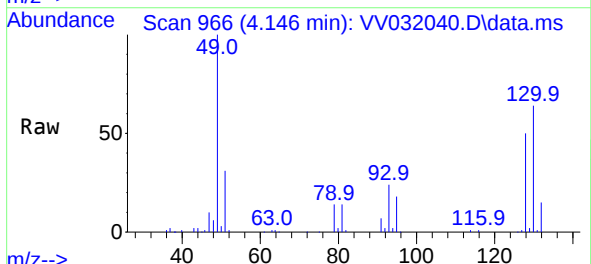
Instrument :
MSVOA_V
ClientSampleId :

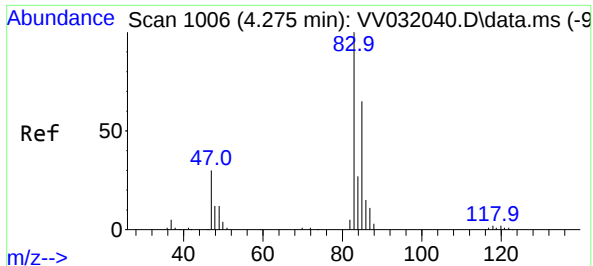
Tgt Ion: 43 Resp: 156886
Ion Ratio Lower Upper
43 100
72 22.8 12.6 37.8



#23
Bromochloromethane
Concen: 50.360 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion:128 Resp: 42417
Ion Ratio Lower Upper
128 100
49 198.5 127.8 237.4
130 126.5 90.1 167.3
51 62.4 46.2 69.2

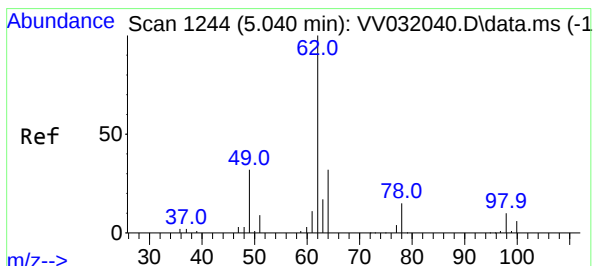
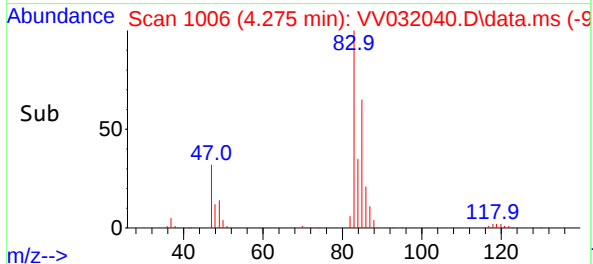
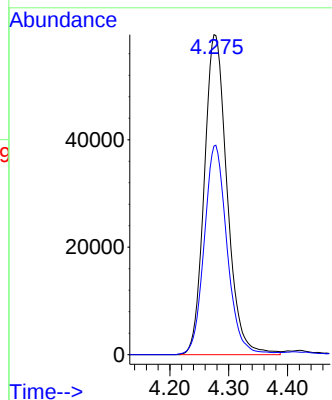
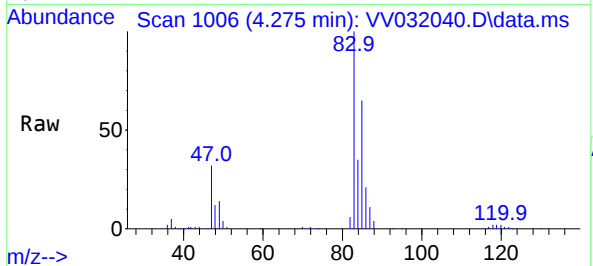




#25
Chloroform
Concen: 49.760 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

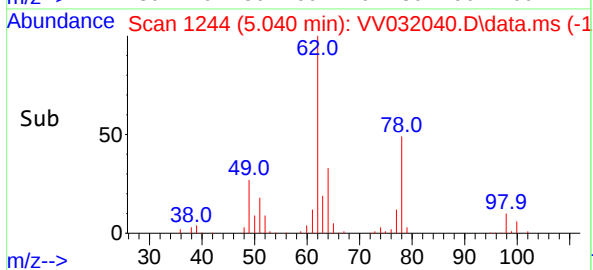
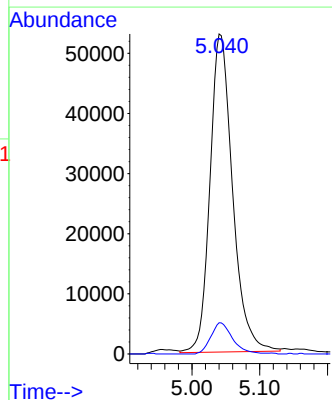
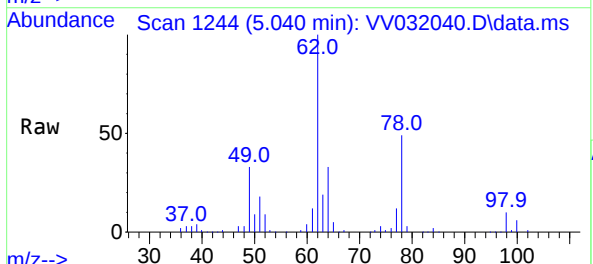
Instrument :
MSVOA_V
ClientSampleId :

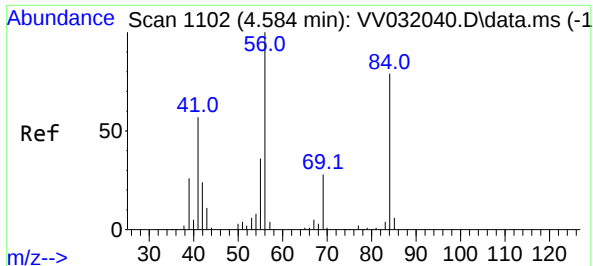
Tgt Ion: 83 Resp: 160440
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.3



#27
1,2-Dichloroethane
Concen: 48.246 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 62 Resp: 122553
Ion Ratio Lower Upper
62 100
98 9.7 7.0 10.4





#29

Cyclohexane

Concen: 51.186 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

ClientSampleId :

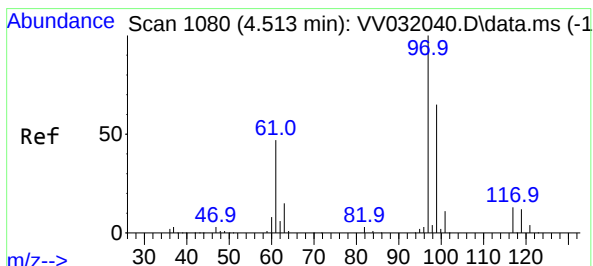
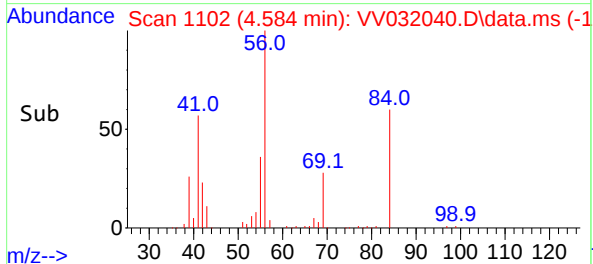
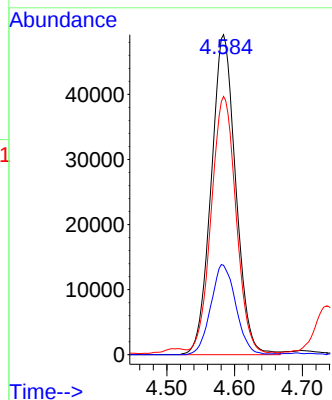
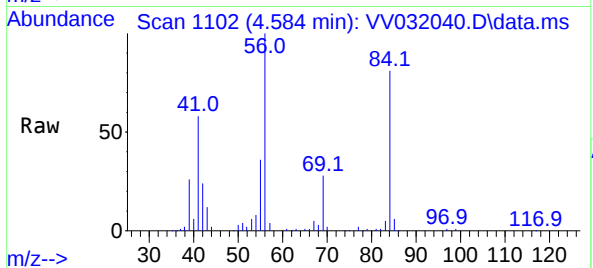
Tgt Ion: 56 Resp: 123993

Ion Ratio Lower Upper

56 100

69 28.6 24.2 36.4

84 81.0 67.5 101.3



#30

1,1,1-Trichloroethane

Concen: 48.051 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

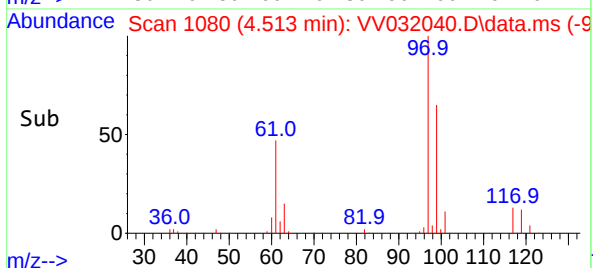
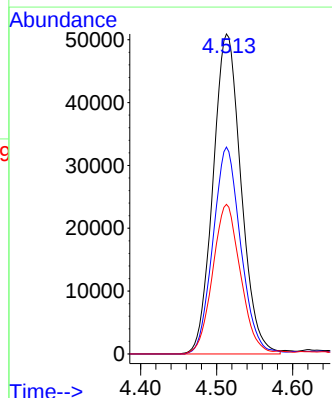
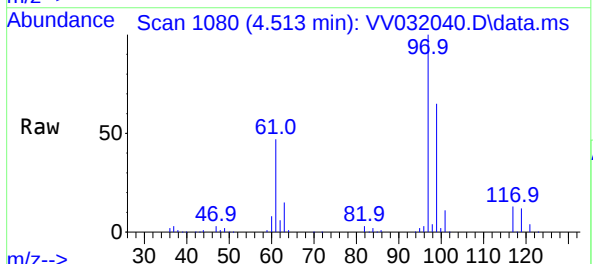
Tgt Ion: 97 Resp: 130398

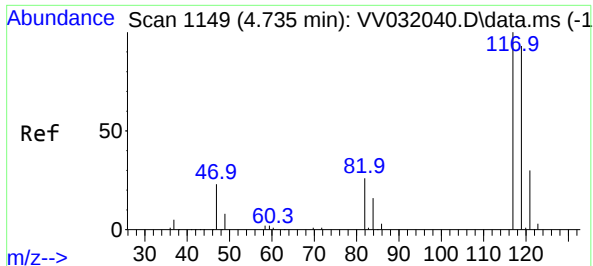
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 46.5 36.5 54.7

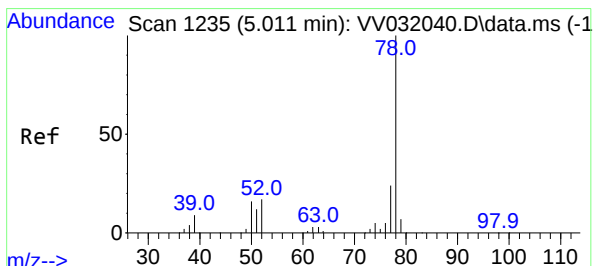
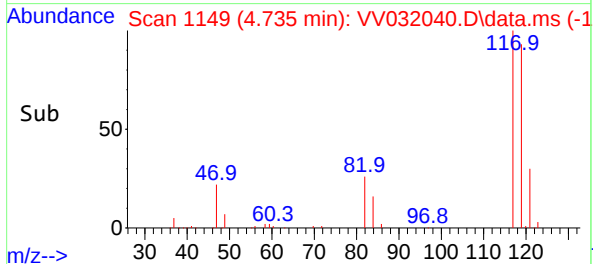
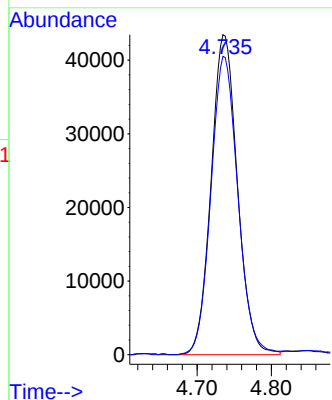
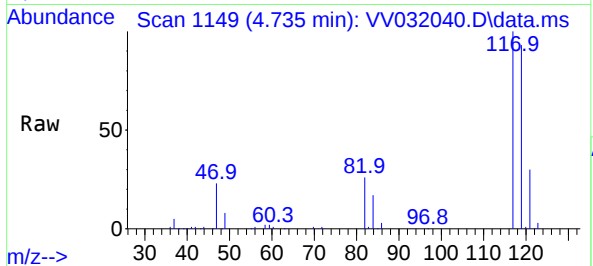




#31
Carbon tetrachloride
Concen: 46.433 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

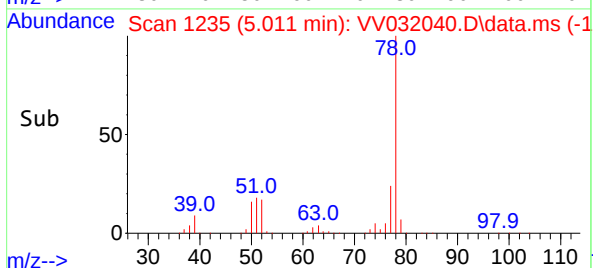
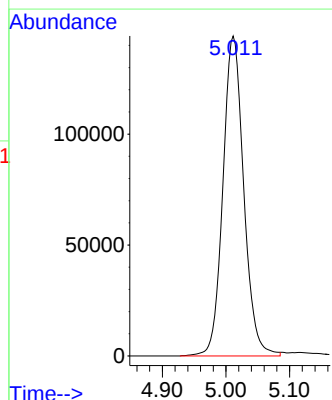
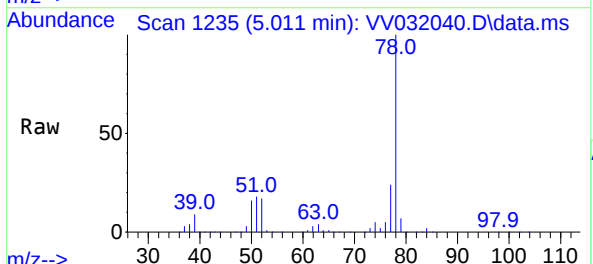
Instrument :
MSVOA_V
ClientSampleId :

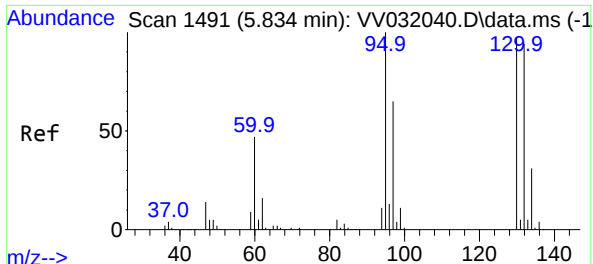
Tgt Ion:117 Resp: 106997
Ion Ratio Lower Upper
117 100
119 95.1 75.4 113.2



#33
Benzene
Concen: 52.501 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 78 Resp: 328196

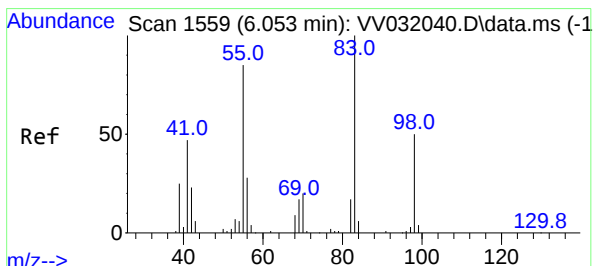
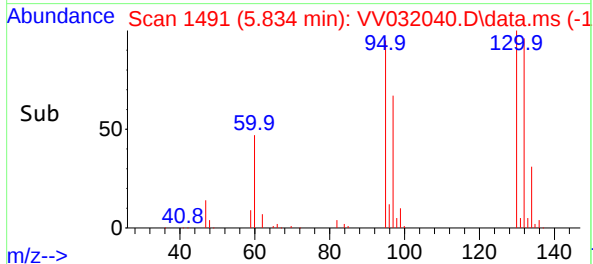
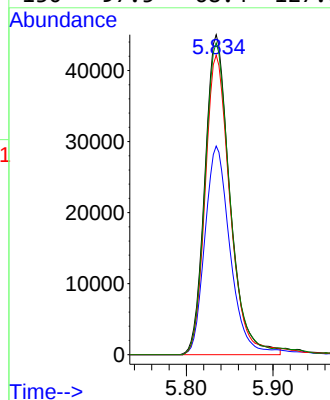
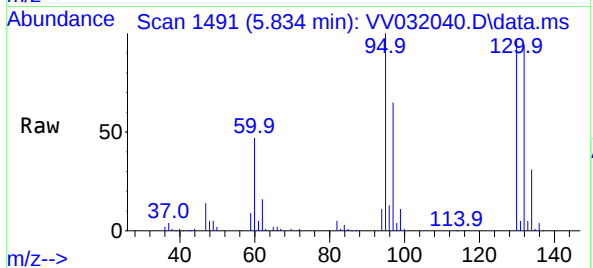




#34
Trichloroethene
Concen: 47.280 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

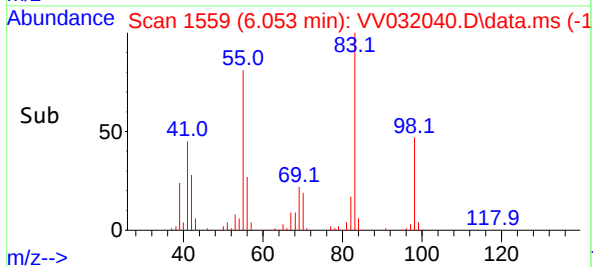
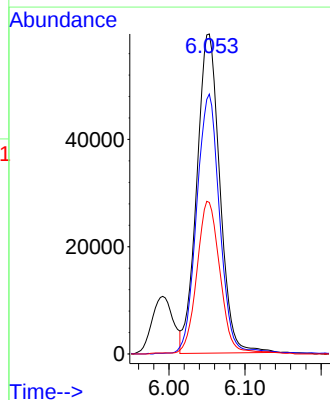
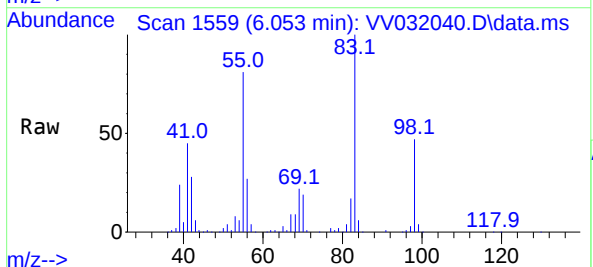
Instrument :
MSVOA_V
ClientSampleId :

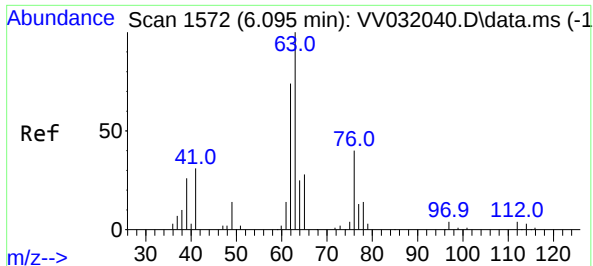
Tgt Ion: 95 Resp: 90392
Ion Ratio Lower Upper
95 100
97 65.2 45.4 84.2
132 93.6 65.4 121.4
130 97.5 68.4 127.0



#35
Methylcyclohexane
Concen: 49.230 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 83 Resp: 125188
Ion Ratio Lower Upper
83 100
55 80.6 62.2 93.2
98 47.1 36.7 55.1

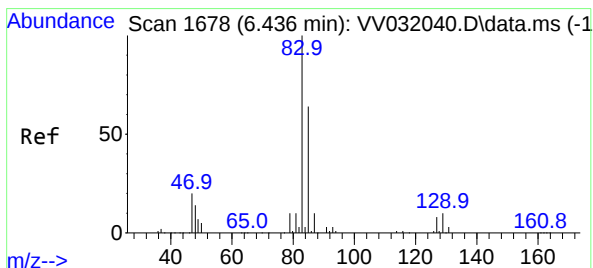
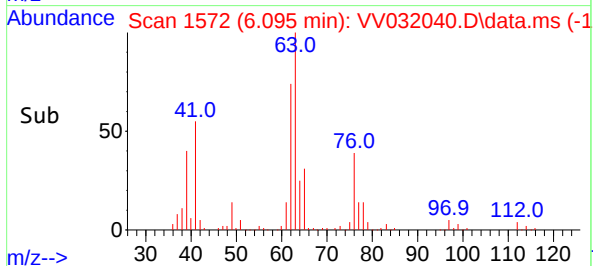
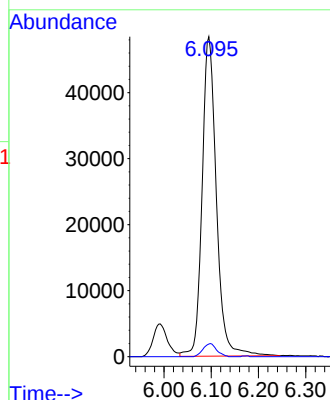
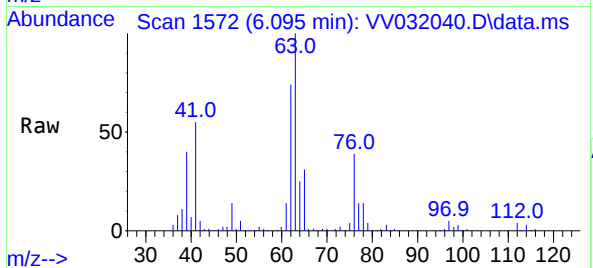




#37
1,2-Dichloropropane
Concen: 57.225 ug/L
RT: 6.095 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

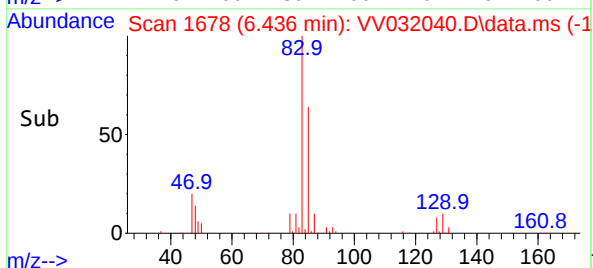
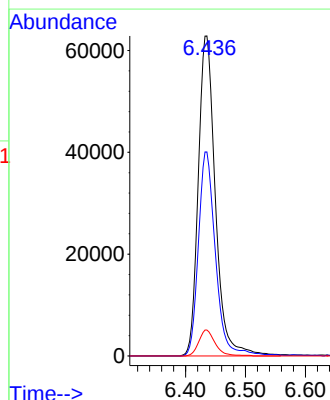
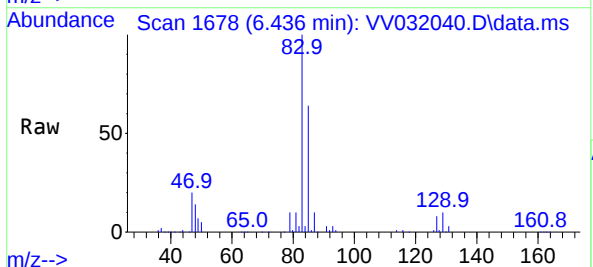
Instrument :
MSVOA_V
ClientSampleId :

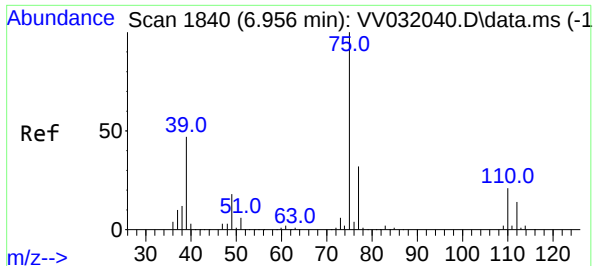
Tgt Ion: 63 Resp: 101396
Ion Ratio Lower Upper
63 100
112 3.9 3.5 5.3



#38
Bromodichloromethane
Concen: 49.830 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 83 Resp: 125325
Ion Ratio Lower Upper
83 100
85 63.7 45.2 84.0
127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 50.528 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

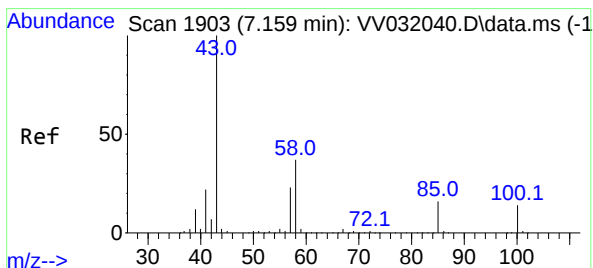
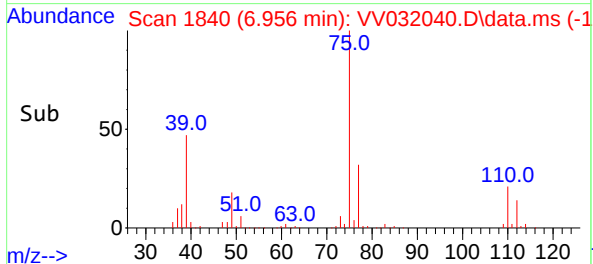
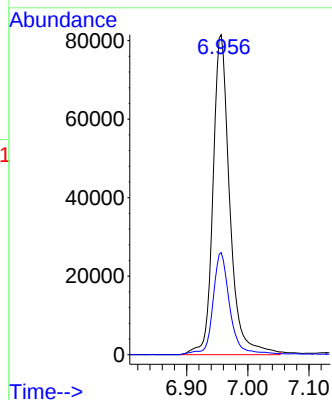
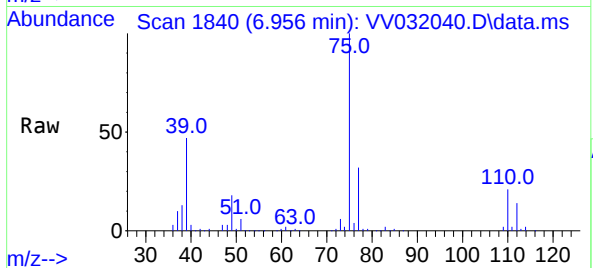
ClientSampleId :

Tgt Ion: 75 Resp: 155656

Ion Ratio Lower Upper

75 100

77 31.9 21.4 39.8



#40

4-Methyl-2-pentanone

Concen: 112.928 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

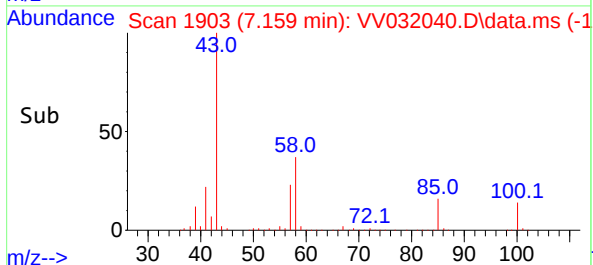
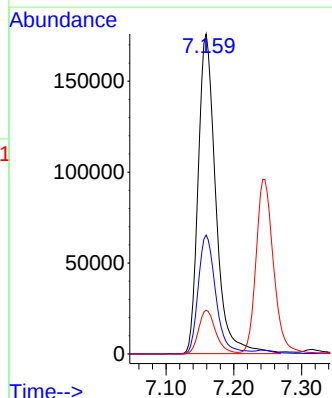
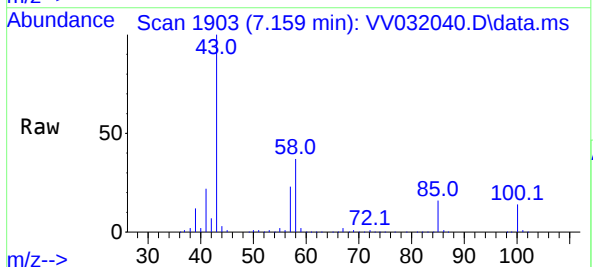
Tgt Ion: 43 Resp: 317591

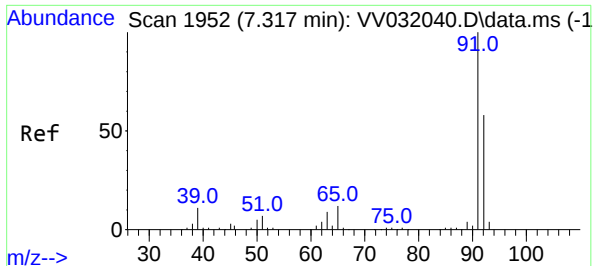
Ion Ratio Lower Upper

43 100

58 37.3 31.1 46.7

100 13.3 11.9 17.9





#42

Toluene

Concen: 50.773 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

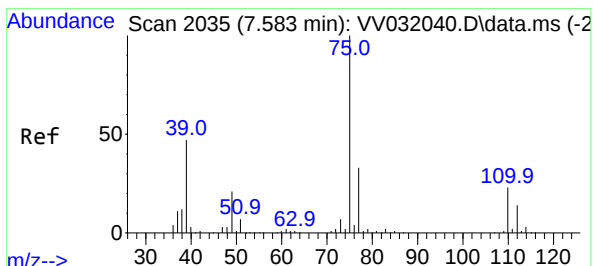
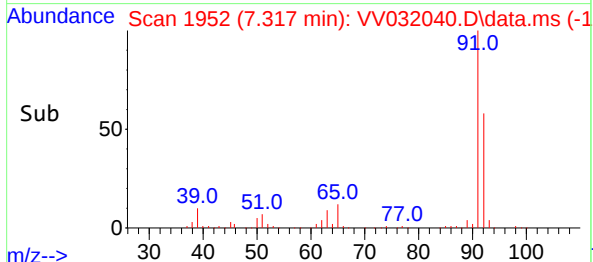
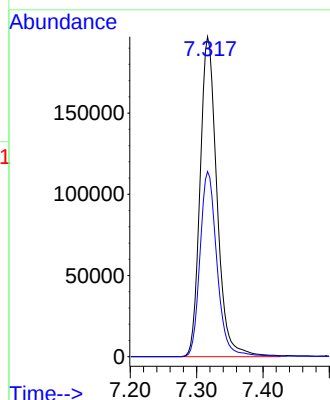
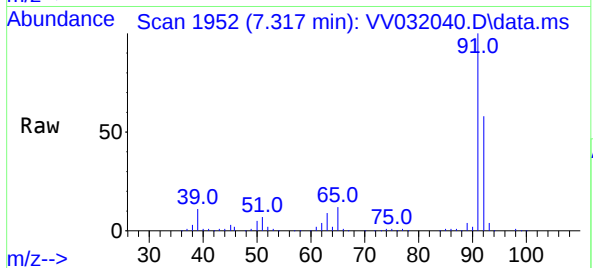
ClientSampleId :

Tgt Ion: 91 Resp: 349141

Ion Ratio Lower Upper

91 100

92 57.8 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 48.539 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. -0.000 min

Lab File: VV032040.D

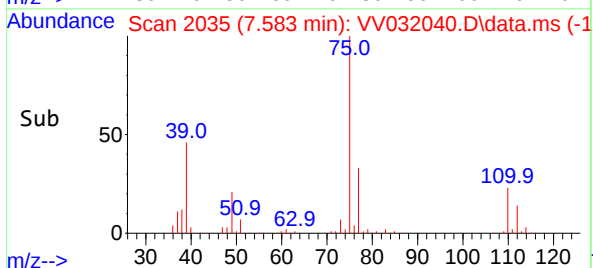
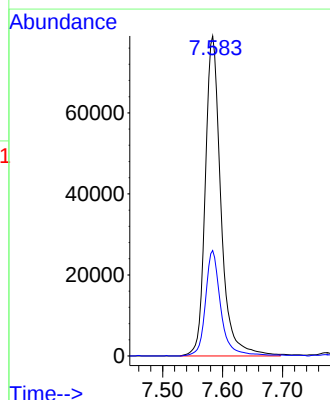
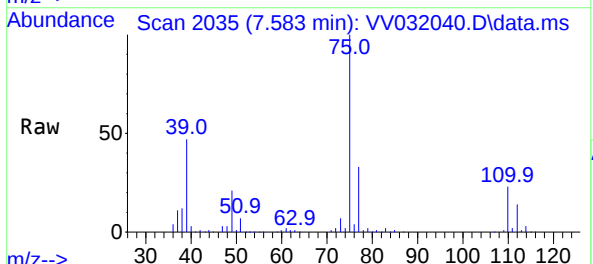
Acq: 12 Sep 2023 11:21

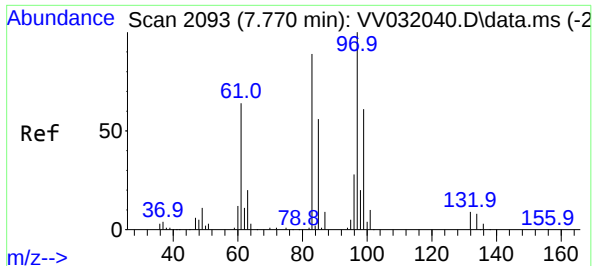
Tgt Ion: 75 Resp: 143669

Ion Ratio Lower Upper

75 100

77 32.9 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 51.654 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 92466

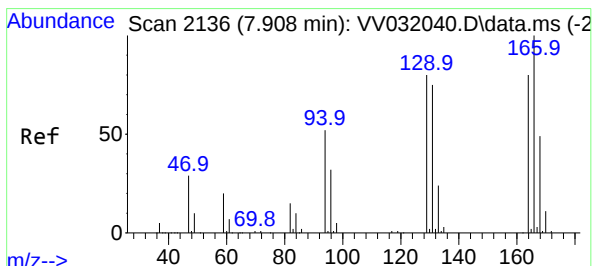
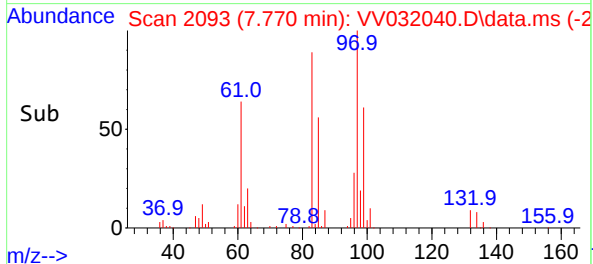
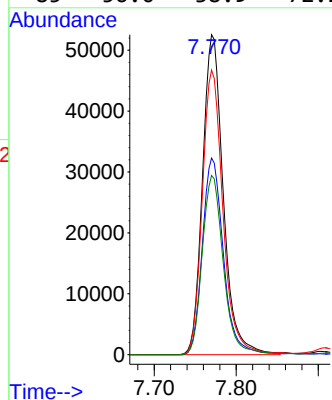
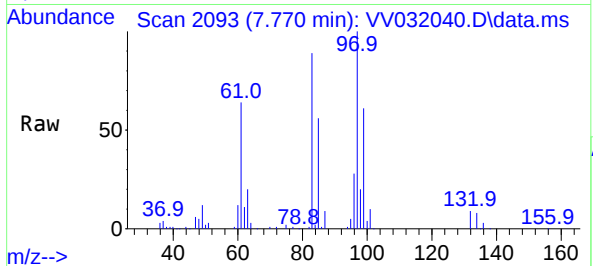
Ion Ratio Lower Upper

97 100

99 61.4 43.0 79.8

83 89.0 61.2 113.6

85 56.0 38.9 72.2



#46

Tetrachloroethene

Concen: 49.067 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Tgt Ion:164 Resp: 58903

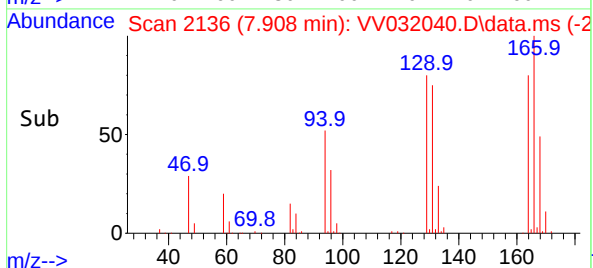
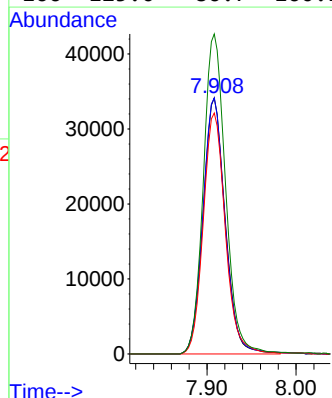
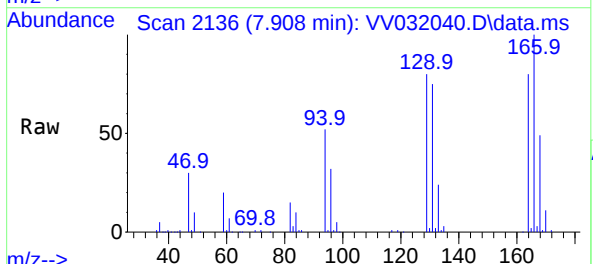
Ion Ratio Lower Upper

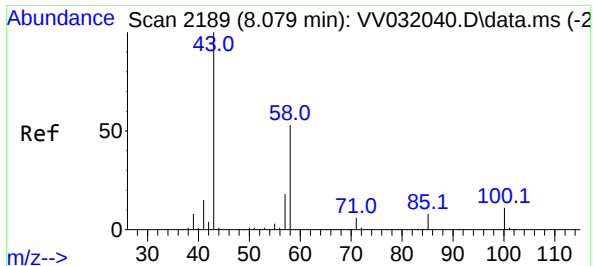
164 100

129 100.0 68.3 126.9

131 94.1 64.9 120.5

166 125.0 86.7 160.9





#48

2-Hexanone

Concen: 111.806 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 240126

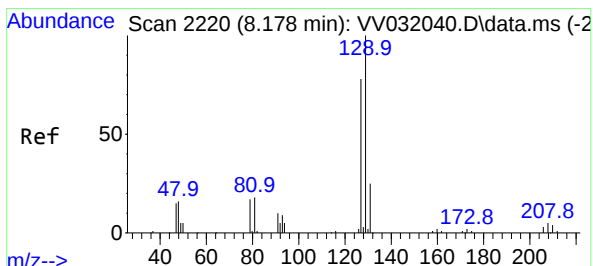
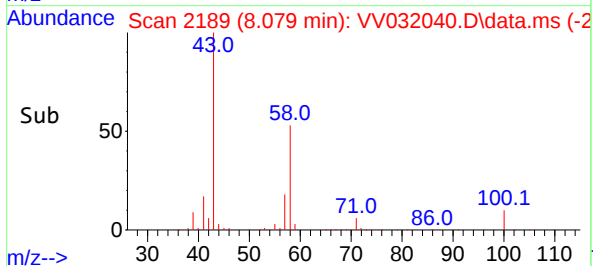
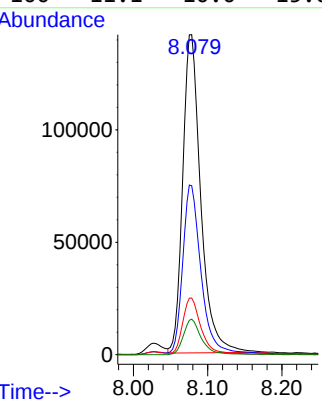
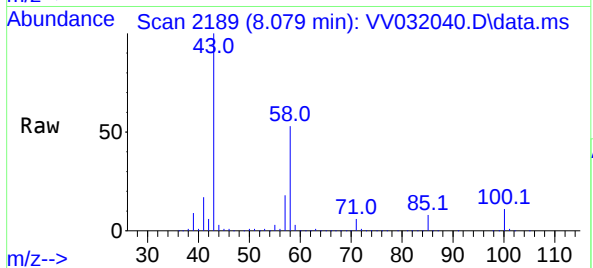
Ion Ratio Lower Upper

43 100

58 54.1 44.0 66.0

57 17.8 15.9 23.9

100 11.1 10.0 15.0



#49

Dibromochloromethane

Concen: 48.879 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. -0.000 min

Lab File: VV032040.D

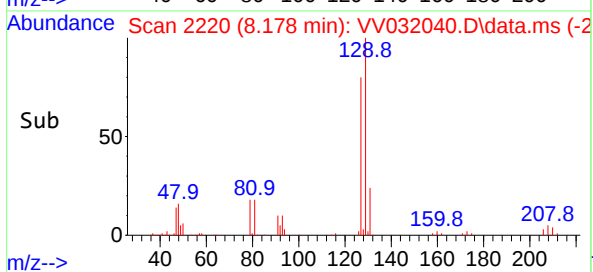
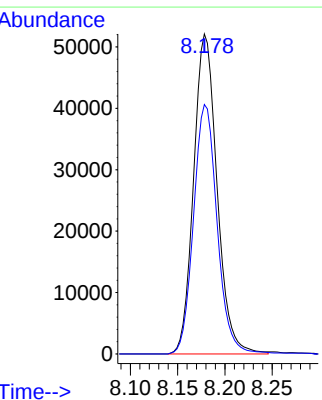
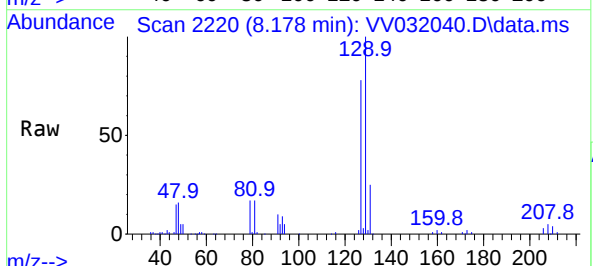
Acq: 12 Sep 2023 11:21

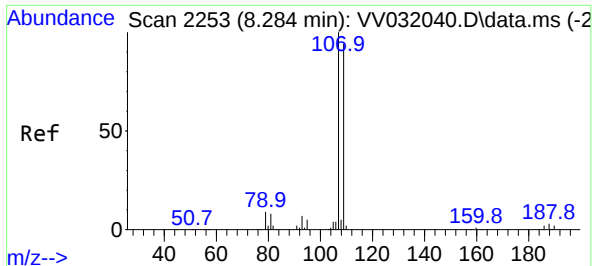
Tgt Ion: 129 Resp: 89914

Ion Ratio Lower Upper

129 100

127 78.0 54.7 101.7

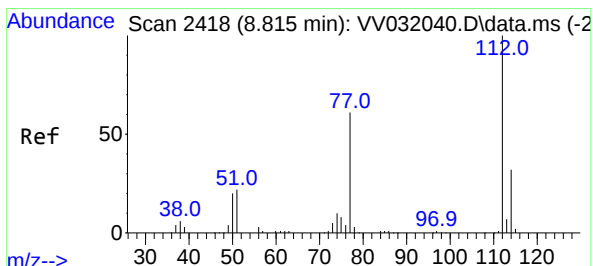
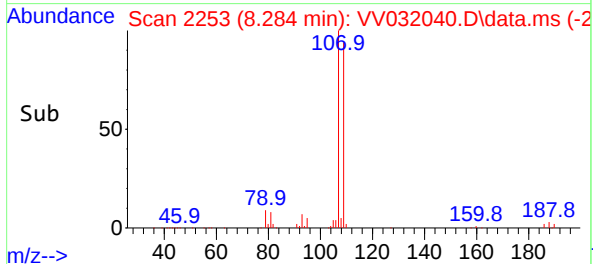
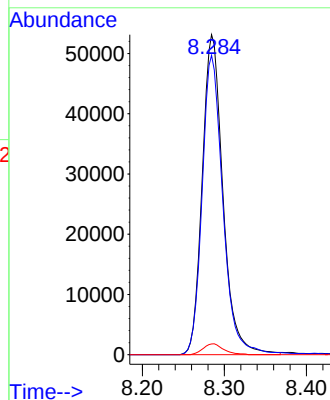
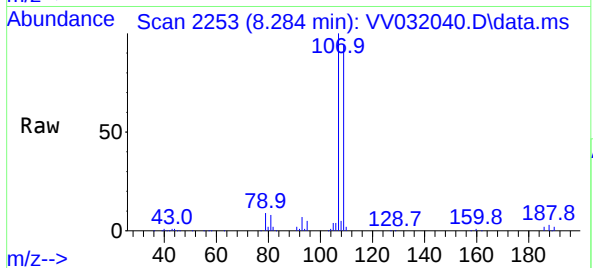




#50
1,2-Dibromoethane
Concen: 49.718 ug/L
RT: 8.284 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

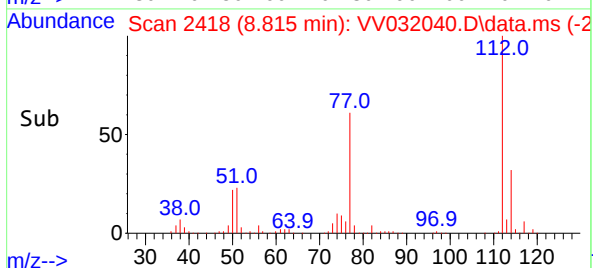
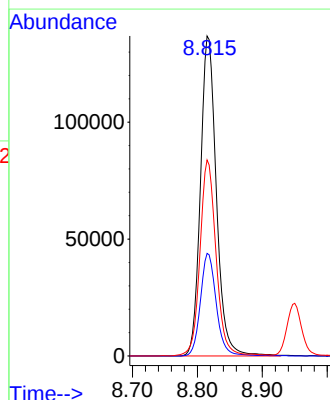
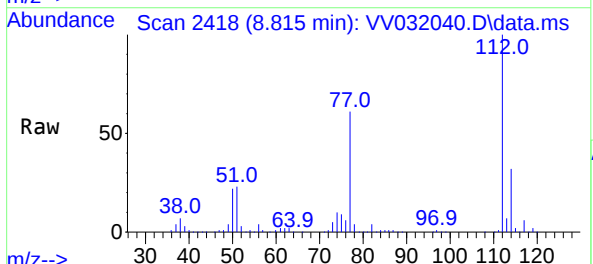
Instrument :
MSVOA_V
ClientSampleId :

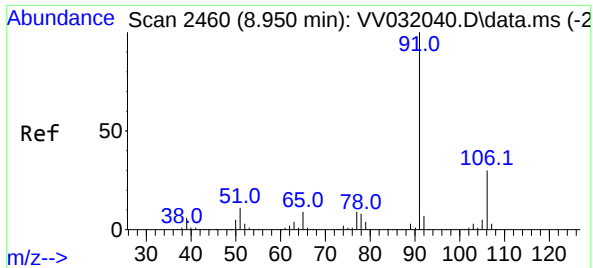
Tgt Ion:107 Resp: 93218
Ion Ratio Lower Upper
107 100
109 93.5 65.4 121.4
188 3.4 2.8 4.2



#51
Chlorobenzene
Concen: 51.233 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion:112 Resp: 234094
Ion Ratio Lower Upper
112 100
114 32.0 22.0 40.8
77 61.2 49.4 74.0

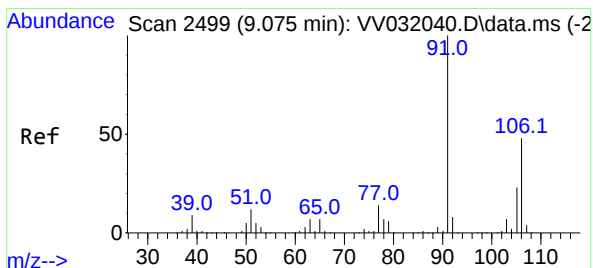
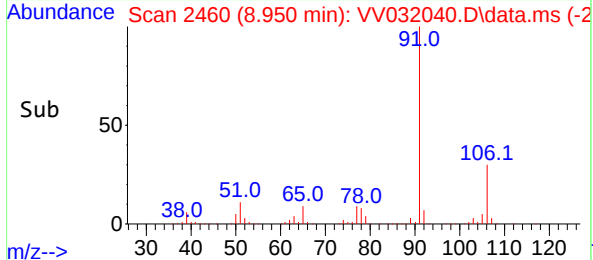
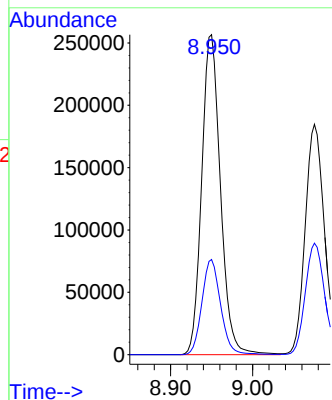
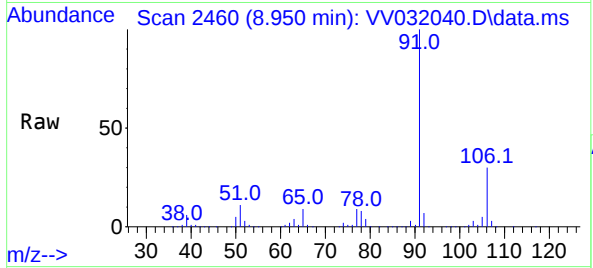




#52
Ethylbenzene
Concen: 50.038 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

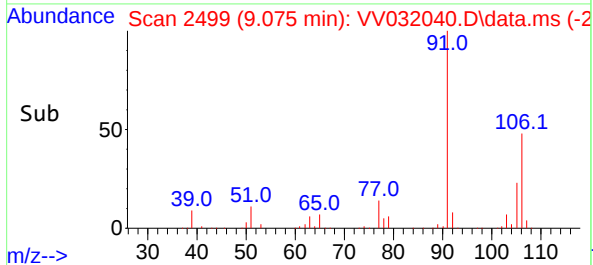
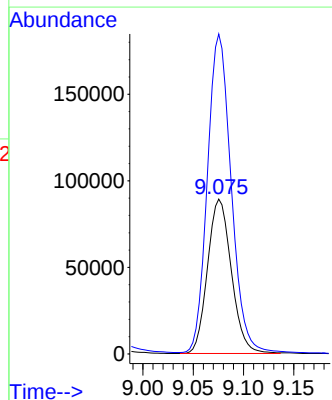
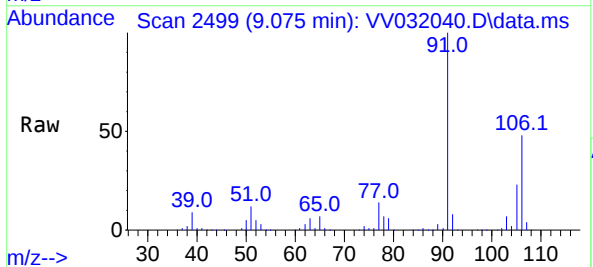
Instrument :
MSVOA_V
ClientSampleId :

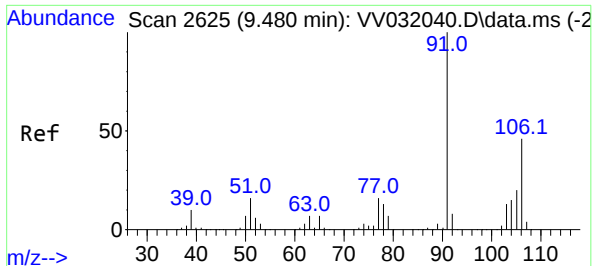
Tgt Ion: 91 Resp: 407583
Ion Ratio Lower Upper
91 100
106 29.8 21.5 39.9



#53
m,p-Xylene
Concen: 48.609 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion: 106 Resp: 147013
Ion Ratio Lower Upper
106 100
91 206.7 147.0 273.0

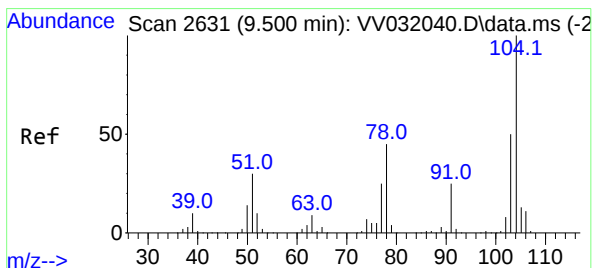
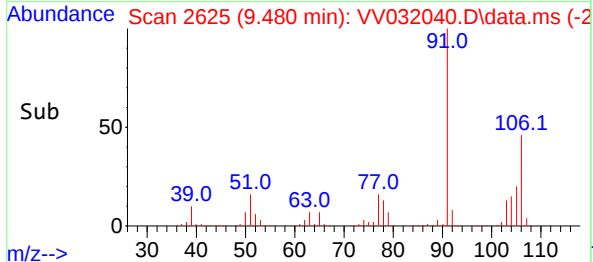
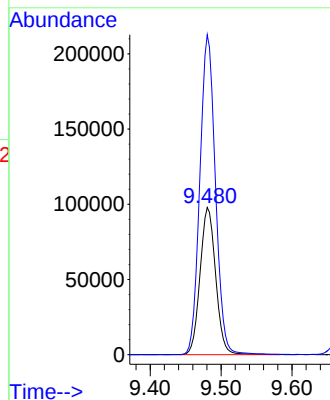
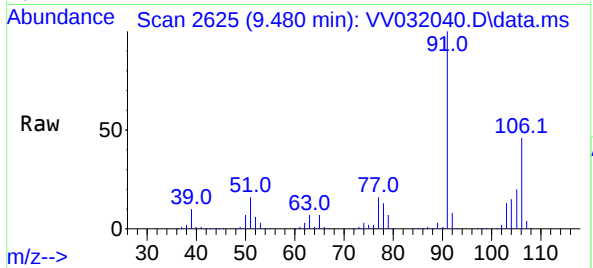




#54
o-Xylene
Concen: 49.737 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

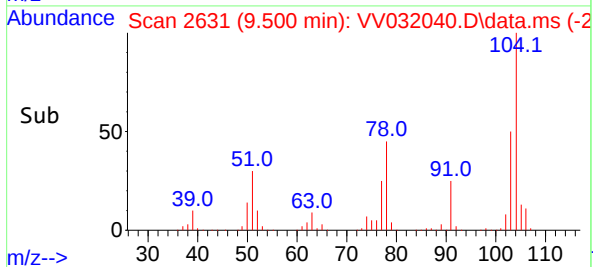
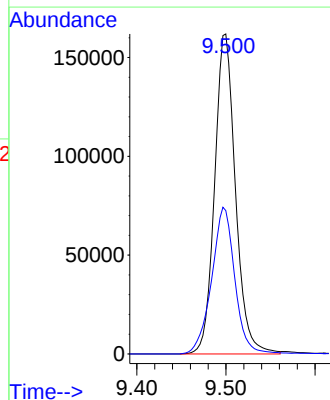
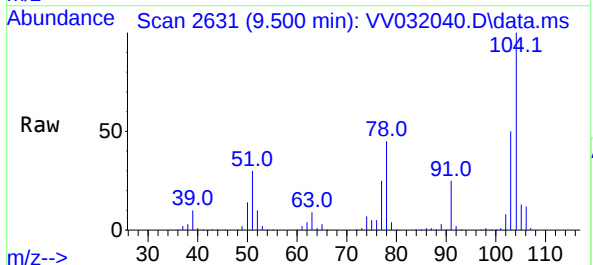
Instrument :
MSVOA_V
ClientSampleId :

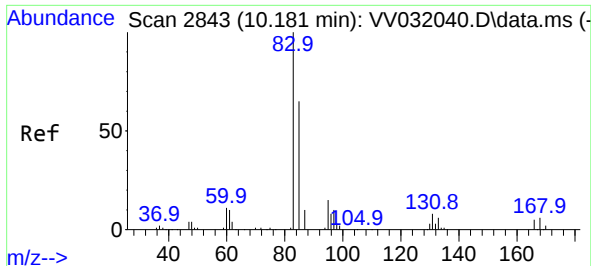
Tgt Ion:106 Resp: 149610
Ion Ratio Lower Upper
106 100
91 217.5 154.3 286.5



#55
Styrene
Concen: 49.501 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion:104 Resp: 263224
Ion Ratio Lower Upper
104 100
78 44.8 32.3 59.9

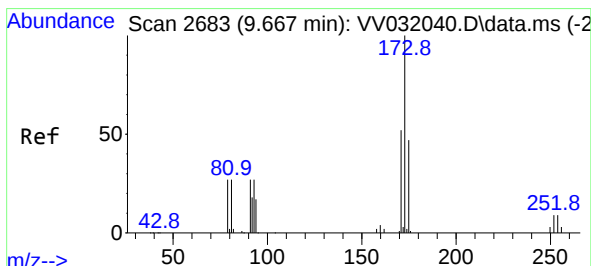
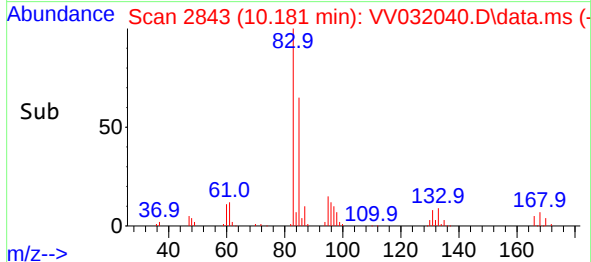
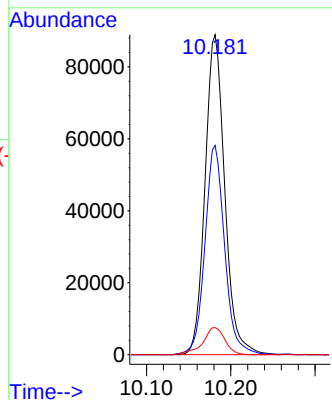
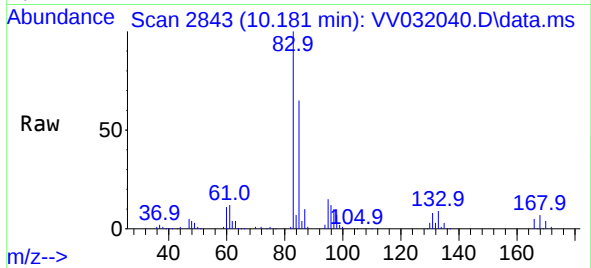




#57
1,1,2,2-Tetrachloroethane
Concen: 57.151 ug/L
RT: 10.181 min Scan# 2843
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

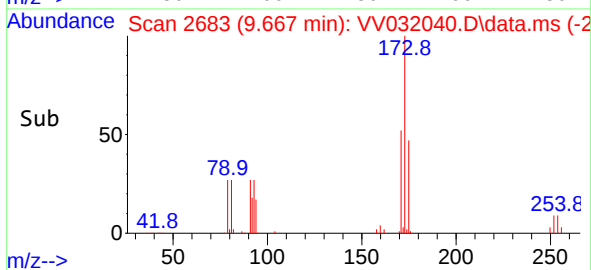
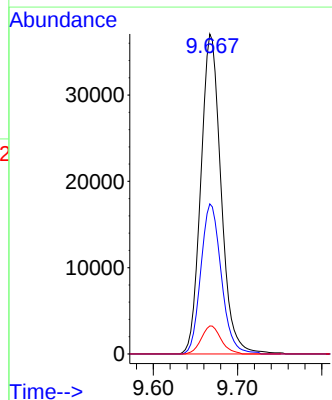
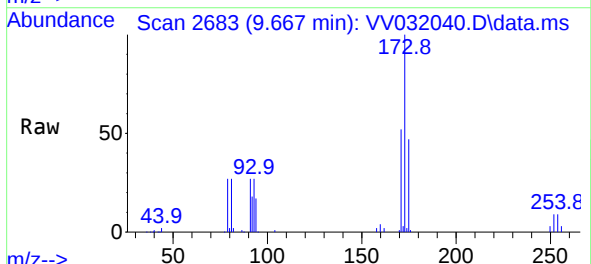
Instrument :
MSVOA_V
ClientSampleId :

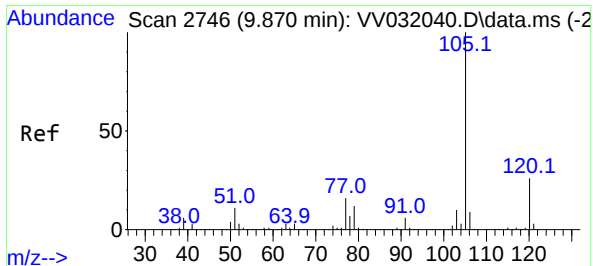
Tgt Ion: 83 Resp: 144827
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9
131 8.5 7.4 11.2



#59
Bromoform
Concen: 47.586 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

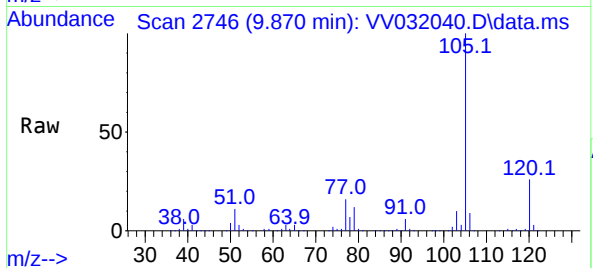
Tgt Ion: 173 Resp: 61936
Ion Ratio Lower Upper
173 100
175 47.5 38.3 57.5
254 8.6 6.9 10.3



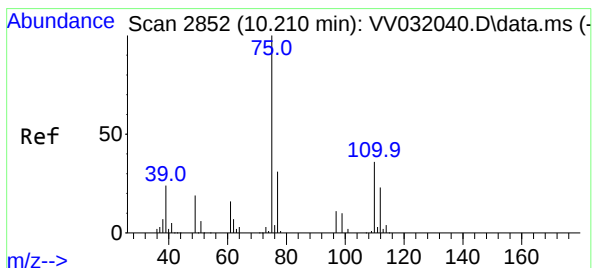
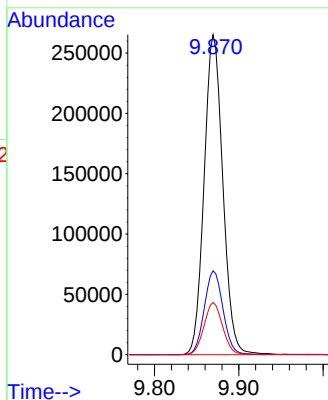
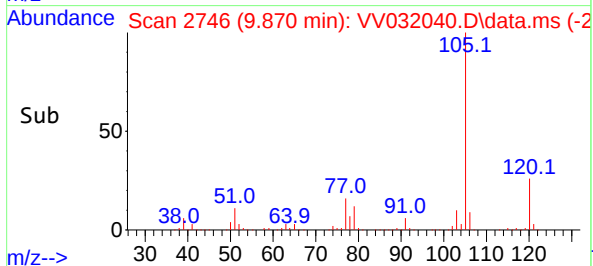


#60
Isopropylbenzene
Concen: 48.781 ug/L
RT: 9.870 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

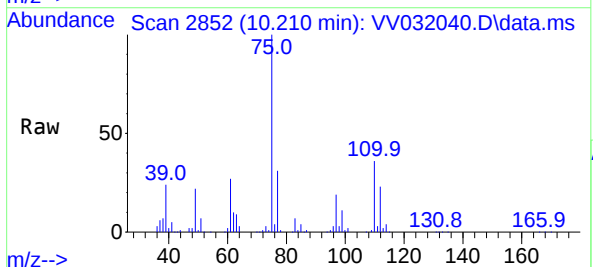
Instrument :
MSVOA_V
ClientSampleId :



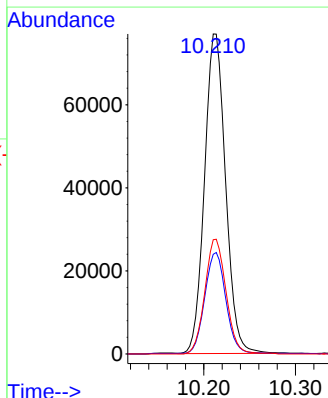
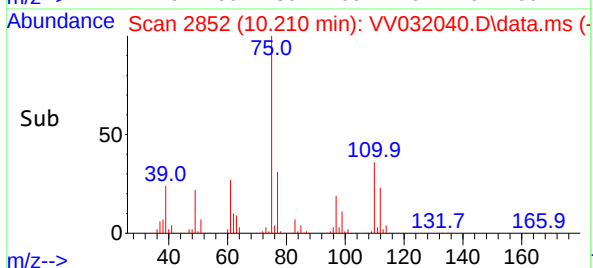
Tgt Ion:105 Resp: 410092
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 16.3 12.8 19.2

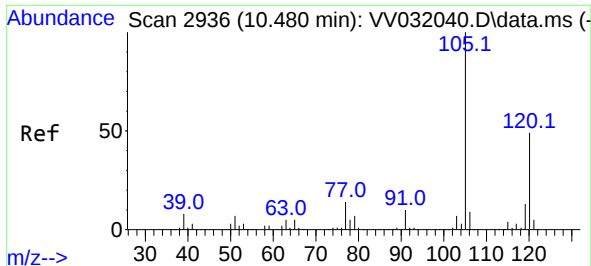


#61
1,2,3-Trichloropropane
Concen: 51.810 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.003 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21



Tgt Ion: 75 Resp: 122860
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 36.0 30.3 45.5

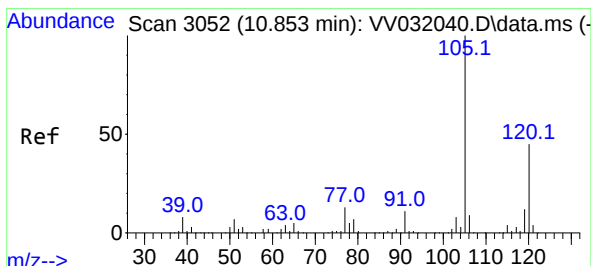
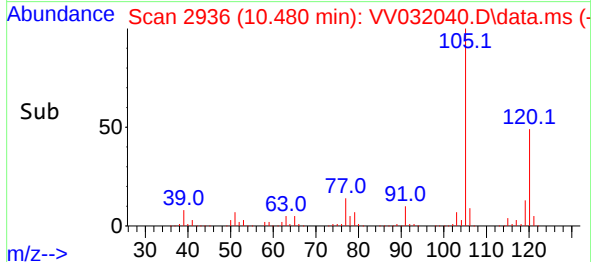
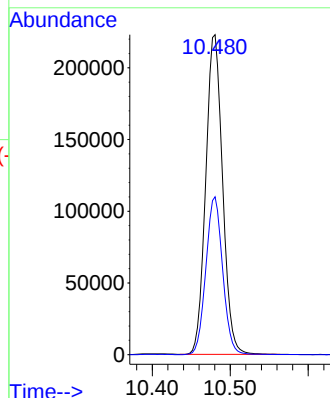
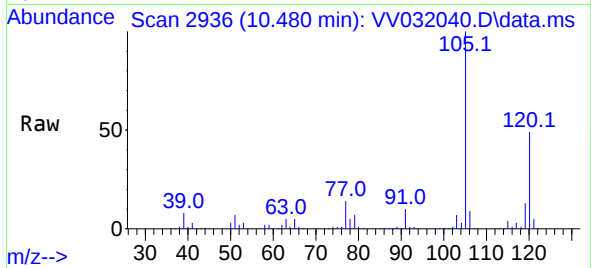




#62
1,3,5-Trimethylbenzene
Concen: 47.329 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

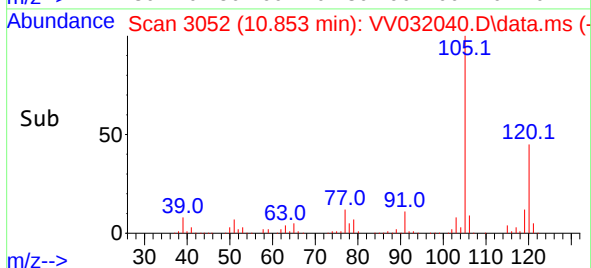
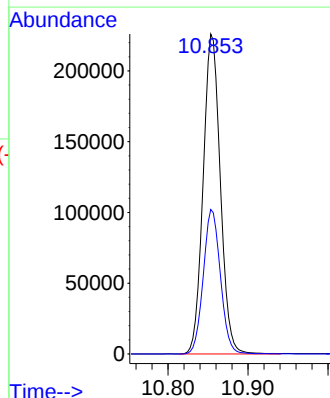
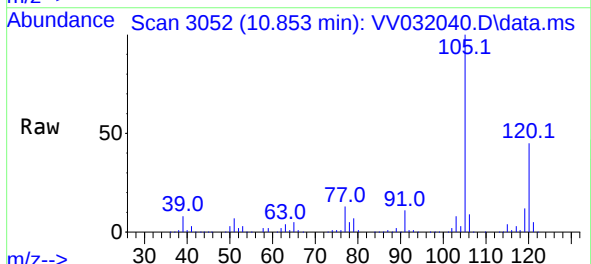
Instrument :
MSVOA_V
ClientSampleId :

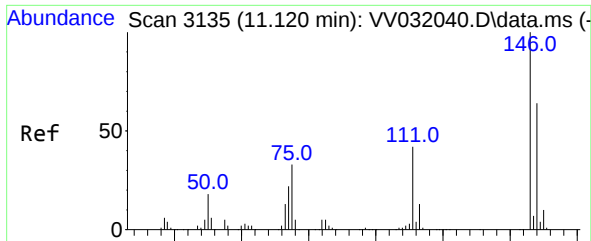
Tgt Ion:105 Resp: 334742
Ion Ratio Lower Upper
105 100
120 49.2 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 47.620 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

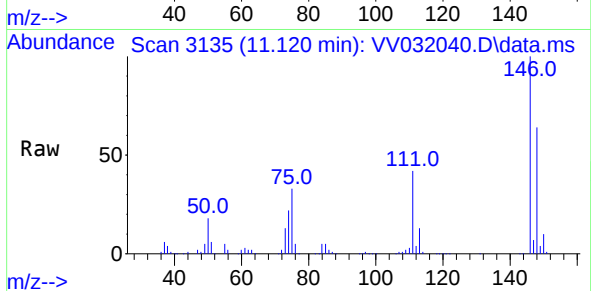
Tgt Ion:105 Resp: 338811
Ion Ratio Lower Upper
105 100
120 45.0 35.9 53.9



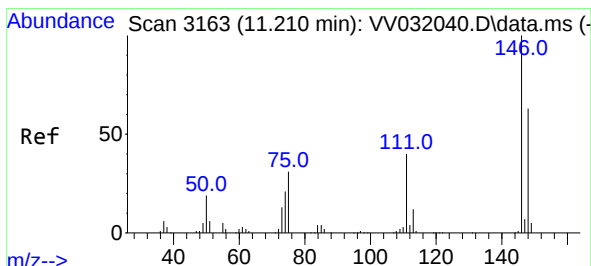
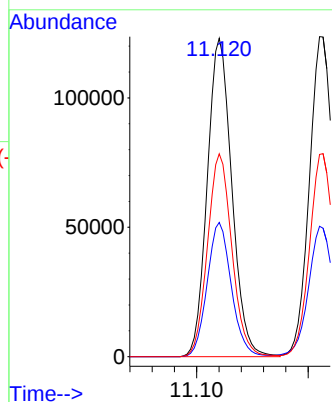
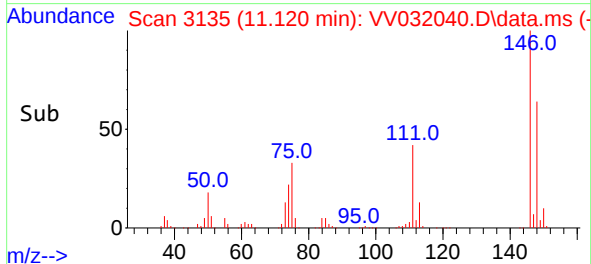


#64
1,3-Dichlorobenzene
Concen: 49.955 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

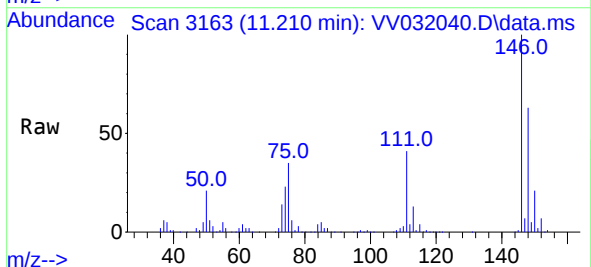
Instrument :
MSVOA_V
ClientSampleId :



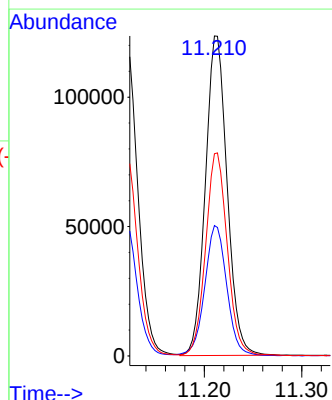
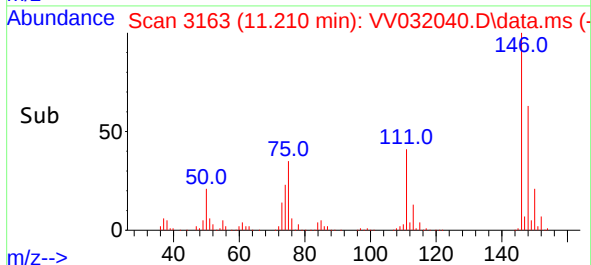
Tgt Ion:146 Resp: 188211
Ion Ratio Lower Upper
146 100
111 42.1 30.2 56.0
148 63.7 44.1 81.9

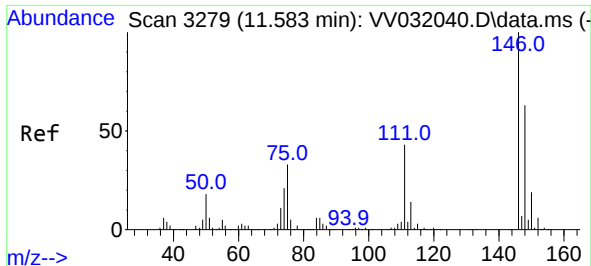


#65
1,4-Dichlorobenzene
Concen: 49.912 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.003 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21



Tgt Ion:146 Resp: 191216
Ion Ratio Lower Upper
146 100
111 40.7 28.5 52.9
148 63.2 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 50.396 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

ClientSampleId :

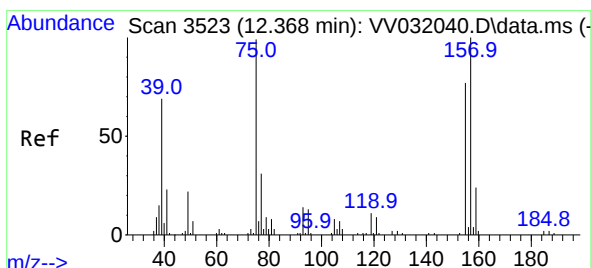
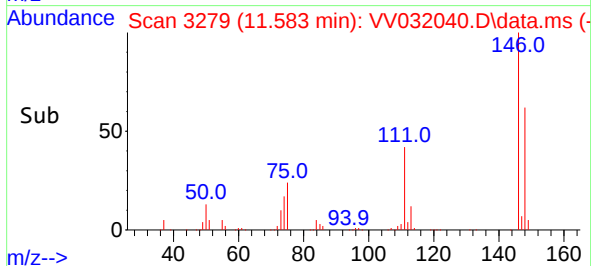
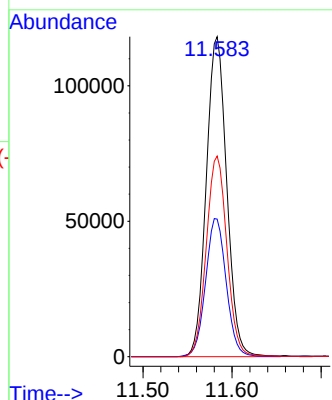
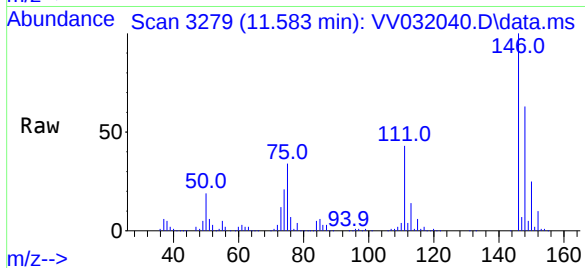
Tgt Ion:146 Resp: 188148

Ion Ratio Lower Upper

146 100

111 43.0 35.8 53.6

148 62.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 44.826 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

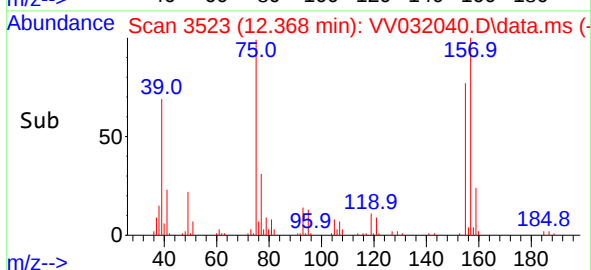
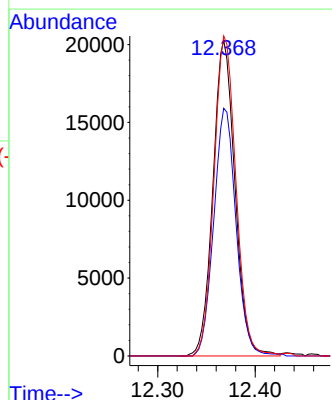
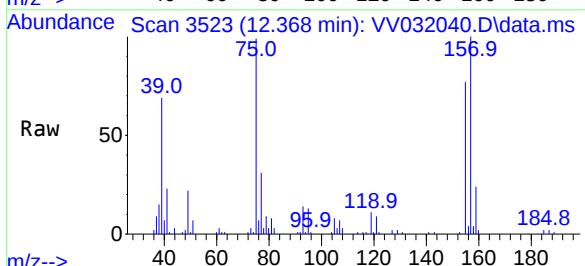
Tgt Ion: 75 Resp: 31929

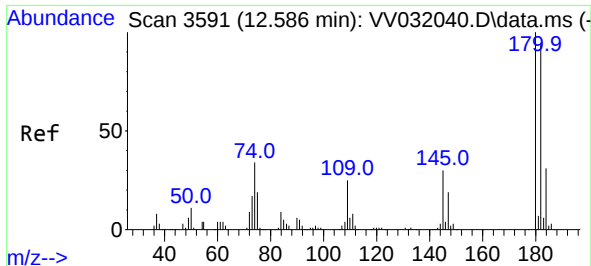
Ion Ratio Lower Upper

75 100

155 78.4 60.1 90.1

157 101.4 77.3 115.9





#69

1,3,5-Trichlorobenzene

Concen: 49.054 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. -0.000 min

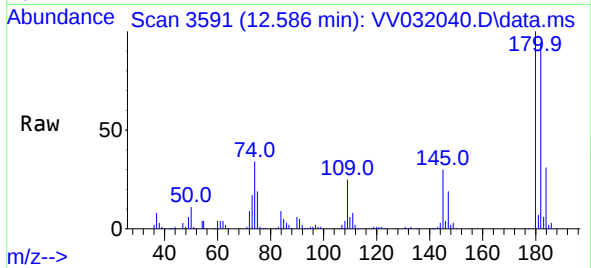
Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 134732

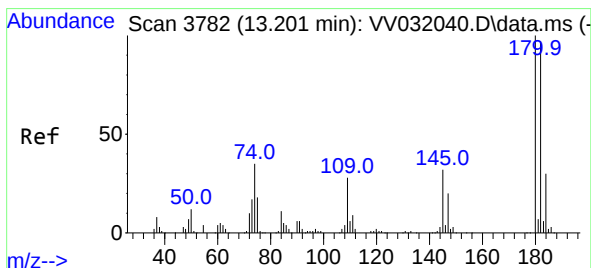
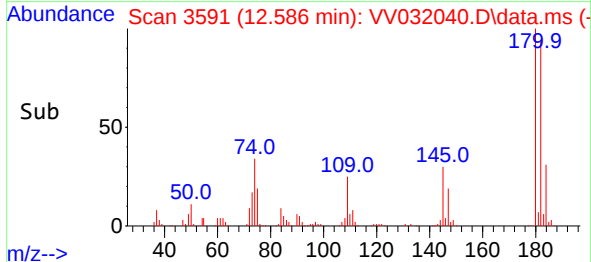
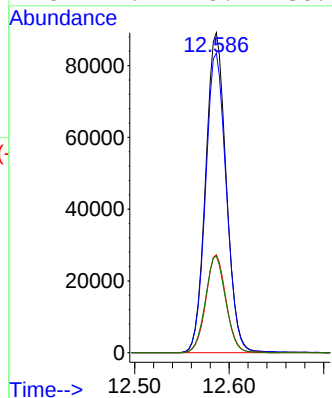
Ion Ratio Lower Upper

180 100

182 94.7 75.4 113.2

184 30.1 23.7 35.5

145 29.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 48.671 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. -0.000 min

Lab File: VV032040.D

Acq: 12 Sep 2023 11:21

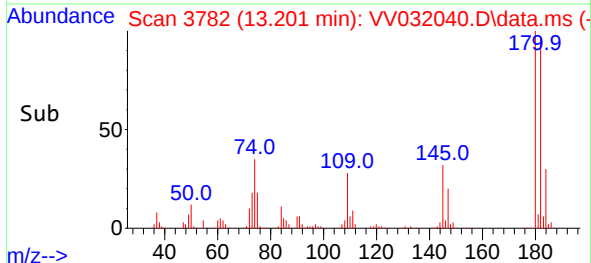
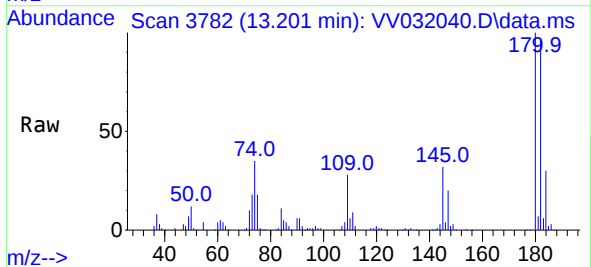
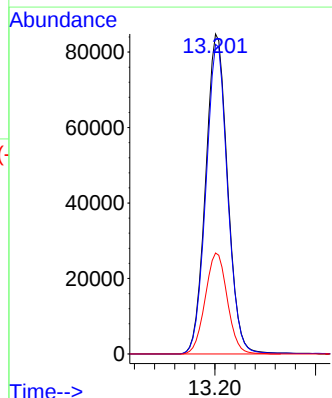
Tgt Ion:180 Resp: 128317

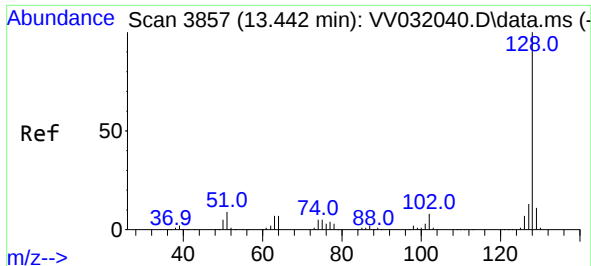
Ion Ratio Lower Upper

180 100

182 95.8 75.4 113.2

145 31.8 26.0 39.0

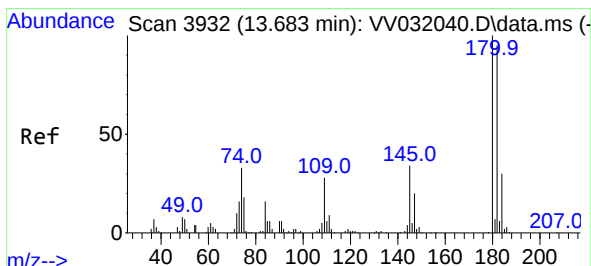
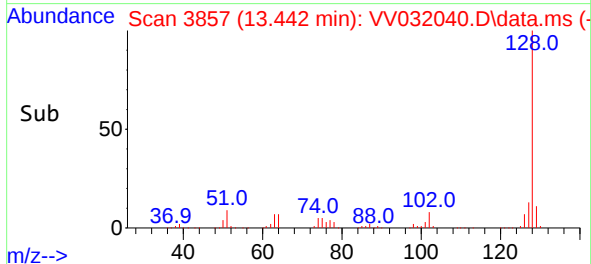
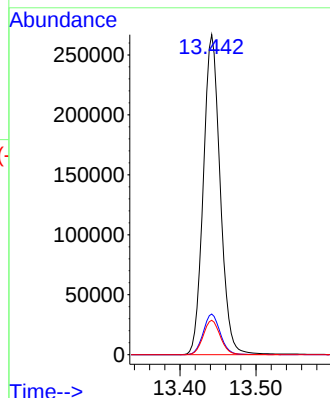
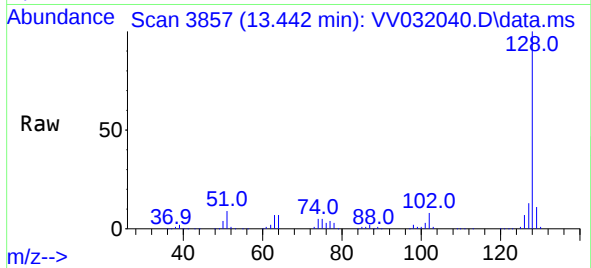




#71
Naphthalene
Concen: 48.802 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 411068
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 50.267 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032040.D
Acq: 12 Sep 2023 11:21

Tgt Ion:180 Resp: 126990
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 33.7 27.7 41.5

