

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035534.D
 Acq On : 06 May 2024 13:57
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 08 01:30:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:28:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	485669	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	507341	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	298600	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	600177	79.953	ug/L	0.00
7) Chloroethane-d5	1.529	69	493696	81.524	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	263211	79.202	ug/L	0.00
21) 2-Butanone-d5	3.822	46	414231	194.466	ug/L	-0.02
24) Chloroform-d	4.243	84	1264273	87.561	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	623776	87.389	ug/L	0.00
32) Benzene-d6	4.953	84	2385013	85.879	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	748503	87.335	ug/L	0.00
41) Toluene-d8	7.240	98	2214839	89.609	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	341513	93.172	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	351873	228.329	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	775626	93.917	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	921761	88.949	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	874858	88.602	ug/L	99
3) Chloromethane	1.211	50	825181	83.237	ug/L	99
5) Vinyl chloride	1.278	62	918026	89.634	ug/L	99
6) Bromomethane	1.484	94	571450	88.119	ug/L	100
8) Chloroethane	1.545	64	570500	90.361	ug/L	98
9) Trichlorofluoromethane	1.709	101	1232114	92.166	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	795514	94.315	ug/L	99
12) 1,1-Dichloroethene	2.063	96	693867	91.075	ug/L	93
13) Acetone	2.063	43	7133	2.287	ug/L	74
14) Carbon disulfide	2.233	76	1983174	82.184	ug/L	100
15) Methyl Acetate	2.384	43	367841	77.329	ug/L #	88
16) Methylene chloride	2.442	84	849323	75.836	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	799125	94.484	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	2121332	103.978	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1534126	96.753	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	928932	101.314	ug/L	99
22) 2-Butanone	3.896	43	535296	184.795	ug/L	91
23) Bromochloromethane	4.140	128	436503	98.431	ug/L	98
25) Chloroform	4.269	83	1597355	97.559	ug/L	98
27) 1,2-Dichloroethane	5.034	62	1000736	98.152	ug/L	100
29) Cyclohexane	4.577	56	1209904	99.726	ug/L	100
30) 1,1,1-Trichloroethane	4.507	97	1355468	96.356	ug/L	99
31) Carbon tetrachloride	4.728	117	1182228	95.784	ug/L	100
33) Benzene	5.005	78	3259579	97.076	ug/L	100
34) Trichloroethene	5.828	95	918654	96.721	ug/L	97
35) Methylcyclohexane	6.047	83	1432307	99.329	ug/L	99
37) 1,2-Dichloropropane	6.088	63	881922	100.671	ug/L	99
38) Bromodichloromethane	6.426	83	1180958	99.511	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1477456	107.827	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	1109608	214.710	ug/L	98
42) Toluene	7.310	91	3569426	100.450	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	1268543	105.832	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050624\
 Data File : VV035534.D
 Acq On : 06 May 2024 13:57
 Operator : SY/MD
 Sample : VSTD10005
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 7 Sample Multiplier: 1

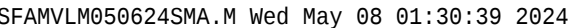
Instrument :
 MSVOA_V
 ClientSampleId :

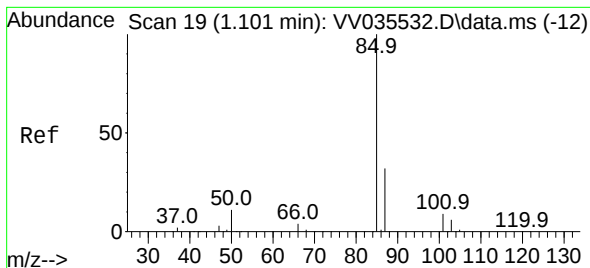
Quant Time: May 08 01:30:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 08 01:28:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.764	97	739140	99.300	ug/L	99
46) Tetrachloroethene	7.902	164	734625	95.204	ug/L	99
48) 2-Hexanone	8.075	43	854535	221.404	ug/L	96
49) Dibromochloromethane	8.172	129	856984	102.033	ug/L	100
50) 1,2-Dibromoethane	8.278	107	734785	100.203	ug/L	100
51) Chlorobenzene	8.809	112	2428221	98.482	ug/L	99
52) Ethylbenzene	8.944	91	4098832	104.472	ug/L	98
53) m,p-Xylene	9.069	106	1580008	106.147	ug/L	98
54) o-Xylene	9.474	106	1550012	109.871	ug/L	98
55) Styrene	9.493	104	2692652	109.430	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	933560	102.960	ug/L	100
59) Bromoform	9.661	173	604274	102.975	ug/L	100
60) Isopropylbenzene	9.863	105	4203373	105.677	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	687105	98.198	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	3565630	114.272	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	3569288	111.315	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	2082792	99.779	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	2092375	96.826	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1957167	99.605	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	163243	100.594	ug/L	97
69) 1,3,5-Trichlorobenzene	12.580	180	1709275	104.787	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	1392278	102.217	ug/L	100
71) Naphthalene	13.435	128	2573122	107.608	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	1207599	98.553	ug/L	99

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

Quant Time: May 08 01:30:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 08 01:28:52 2024
Response via : Initial Calibration

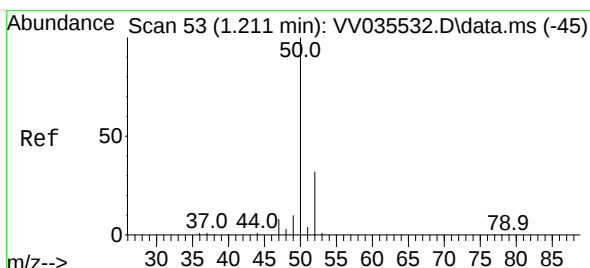
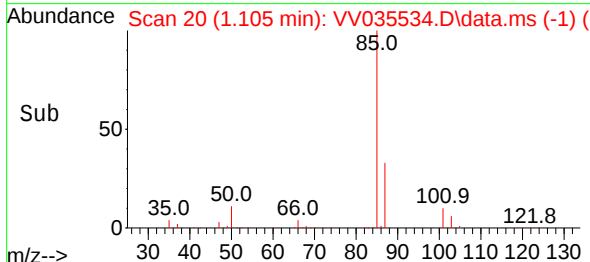
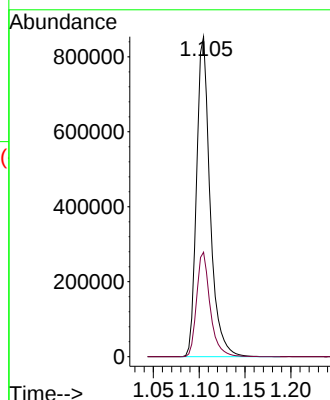
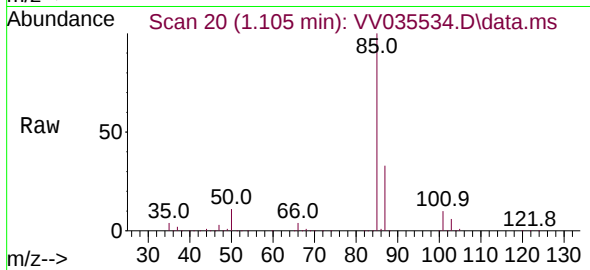




#2
 Dichlorodifluoromethane
 Concen: 88.602 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VV035534.D
 Acq: 06 May 2024 13:57

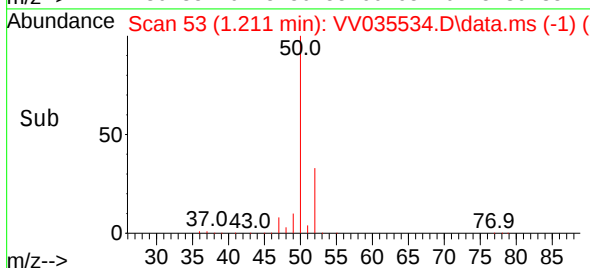
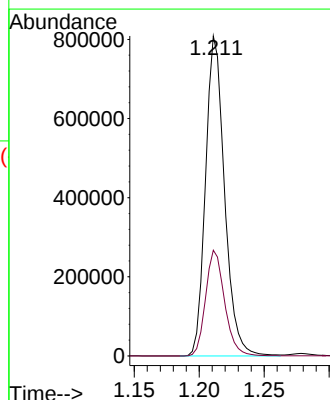
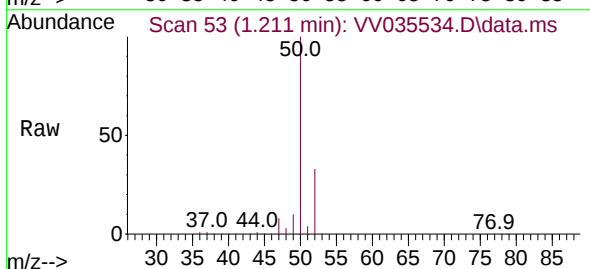
Instrument :
 MSVOA_V
 ClientSampleId :

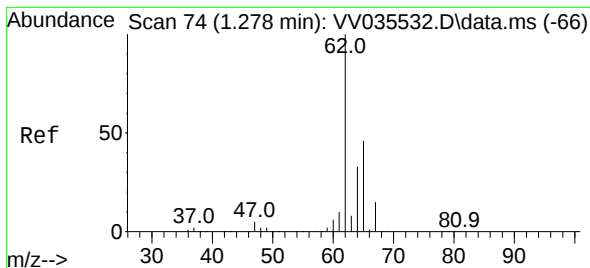
Tgt Ion: 85 Resp: 874858
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.6



#3
 Chloromethane
 Concen: 83.237 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV035534.D
 Acq: 06 May 2024 13:57

Tgt Ion: 50 Resp: 825181
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.7 42.1





#5

Vinyl chloride

Concen: 89.634 ug/L

RT: 1.278 min Scan# 74

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

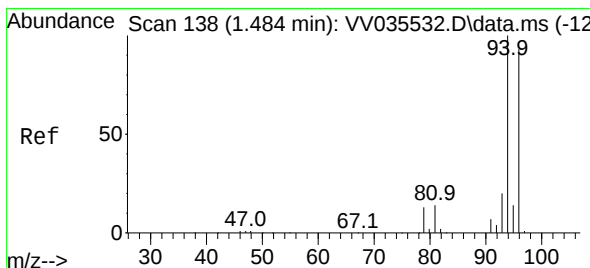
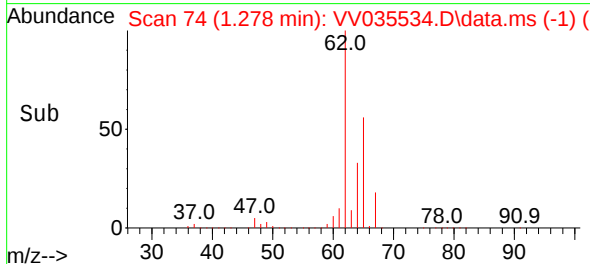
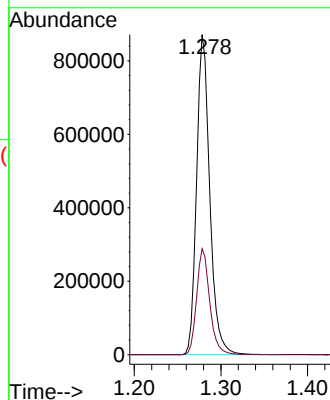
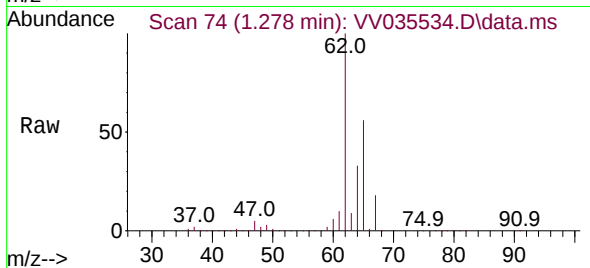
ClientSampleId :

Tgt Ion: 62 Resp: 918026

Ion Ratio Lower Upper

62 100

64 33.1 23.0 42.6



#6

Bromomethane

Concen: 88.119 ug/L

RT: 1.484 min Scan# 138

Delta R.T. 0.000 min

Lab File: VV035534.D

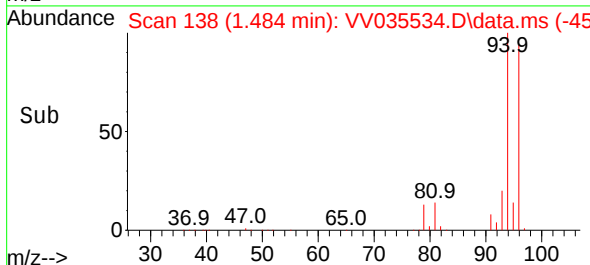
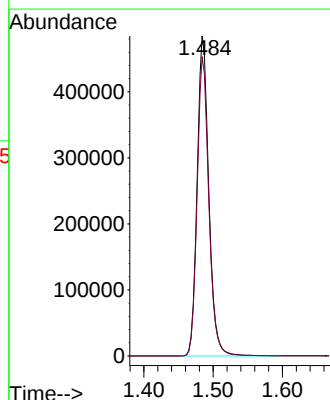
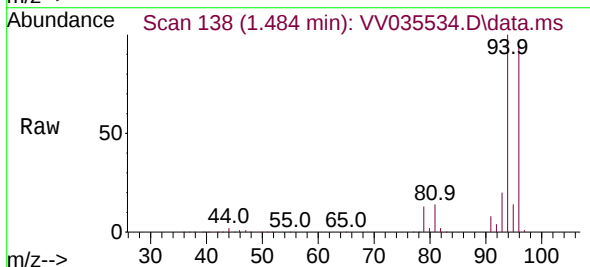
Acq: 06 May 2024 13:57

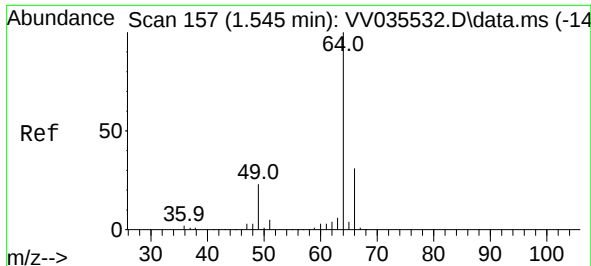
Tgt Ion: 94 Resp: 571450

Ion Ratio Lower Upper

94 100

96 93.6 65.2 121.0

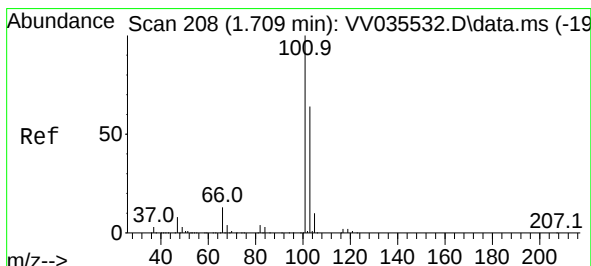
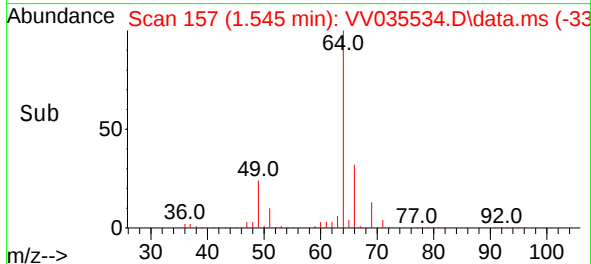
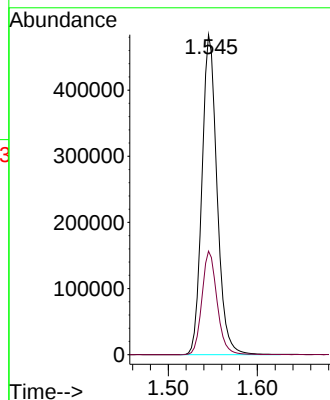
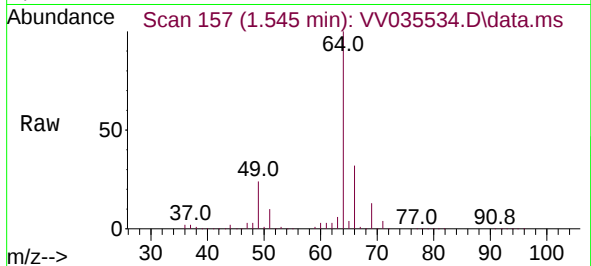




#8
Chloroethane
Concen: 90.361 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

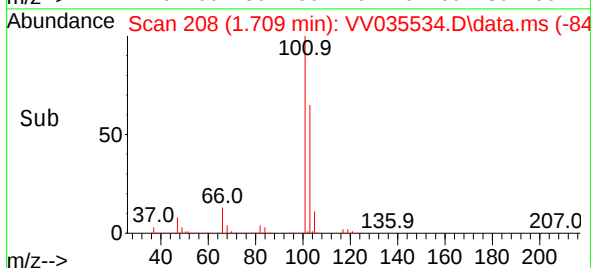
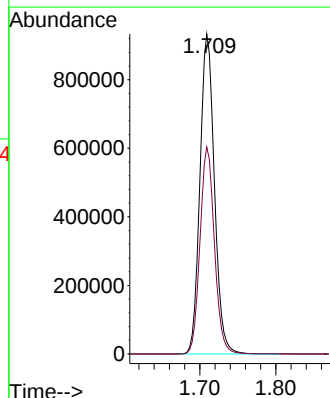
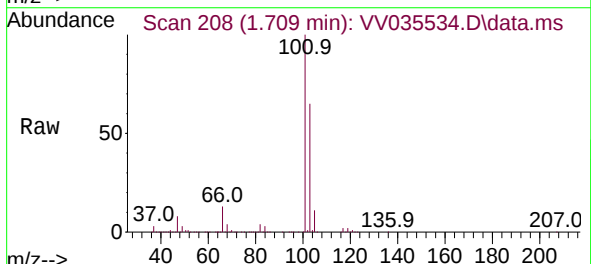
Instrument :
MSVOA_V
ClientSampleId :

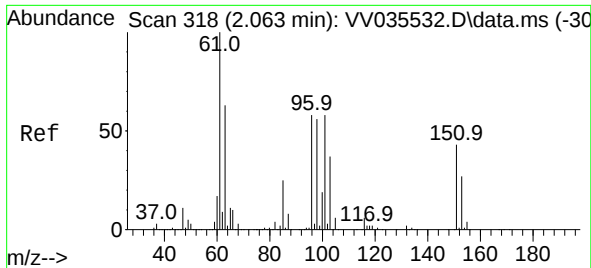
Tgt Ion: 64 Resp: 570500
Ion Ratio Lower Upper
64 100
66 32.3 22.0 40.8



#9
Trichlorofluoromethane
Concen: 92.166 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion:101 Resp: 1232114
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

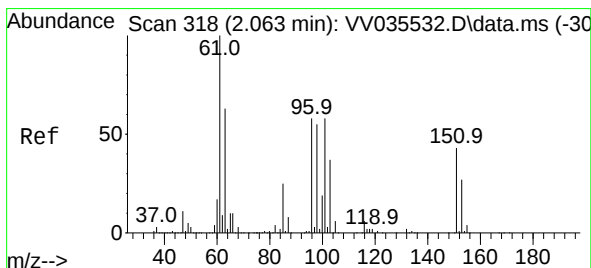
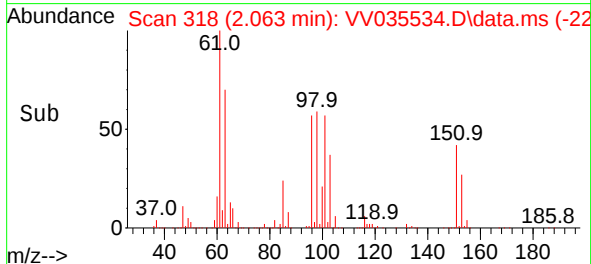
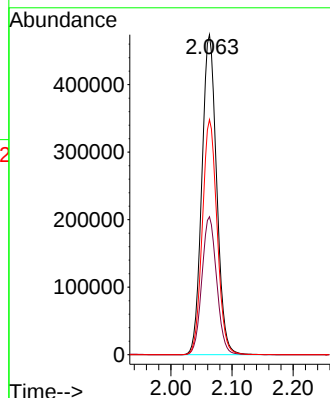
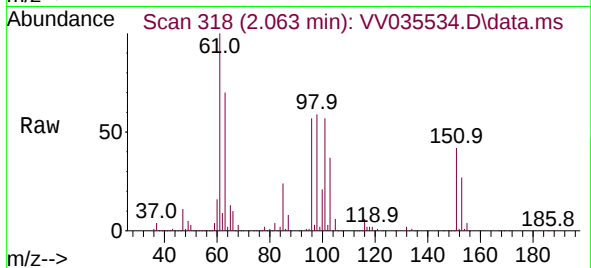




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 94.315 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035534.D
 Acq: 06 May 2024 13:57

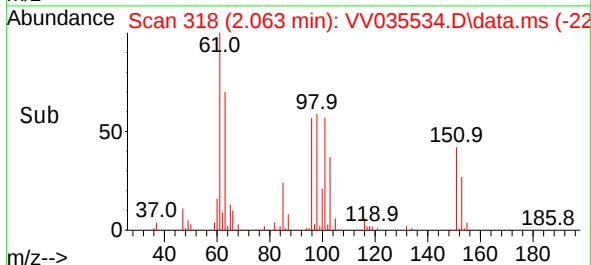
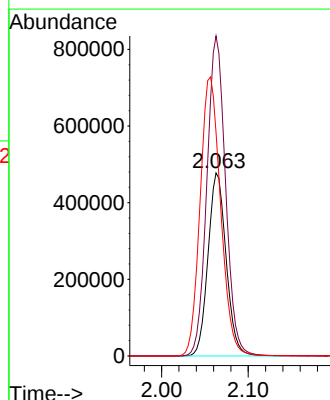
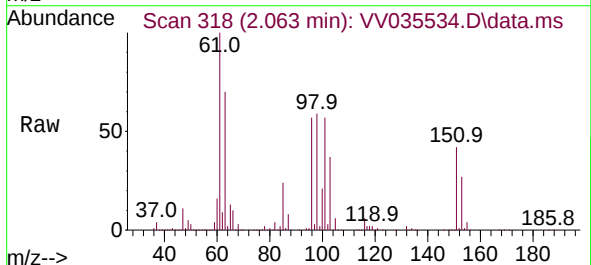
Instrument :
 MSVOA_V
 ClientSampleId :

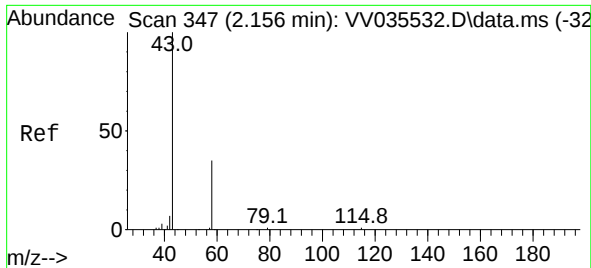
Tgt Ion:101 Resp: 795514
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.2 51.4
 151 73.3 59.5 89.3



#12
 1,1-Dichloroethene
 Concen: 91.075 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV035534.D
 Acq: 06 May 2024 13:57

Tgt Ion: 96 Resp: 693867
 Ion Ratio Lower Upper
 96 100
 61 174.8 119.8 222.4
 63 122.1 75.6 140.4





#13

Acetone

Concen: 2.287 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.093 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

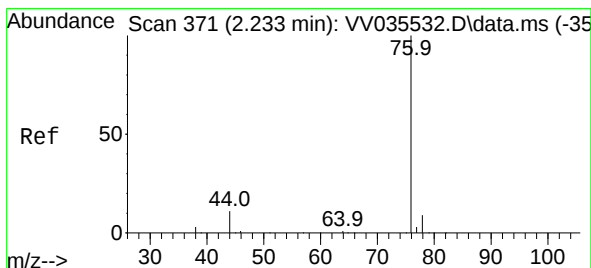
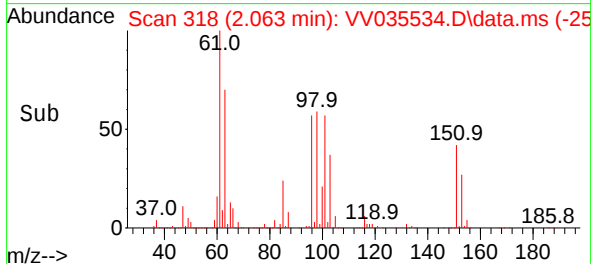
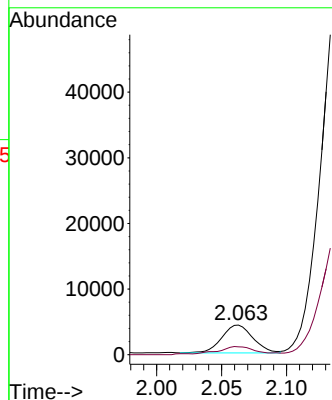
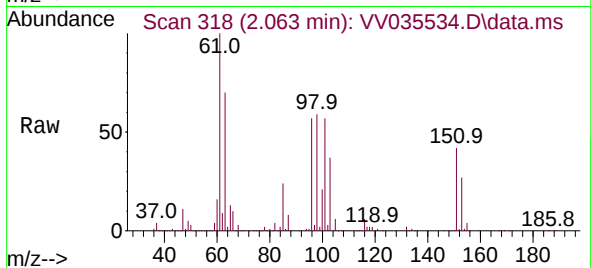
ClientSampleId :

Tgt Ion: 43 Resp: 7133

Ion Ratio Lower Upper

43 100

58 21.5 0.0 22.8



#14

Carbon disulfide

Concen: 82.184 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.000 min

Lab File: VV035534.D

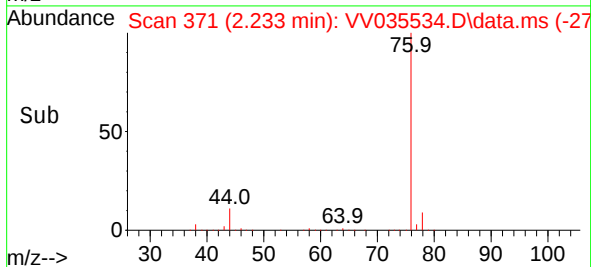
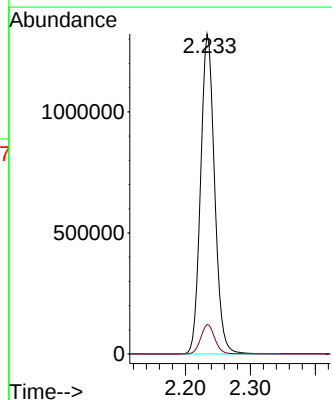
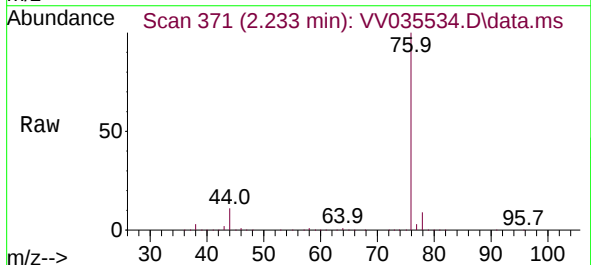
Acq: 06 May 2024 13:57

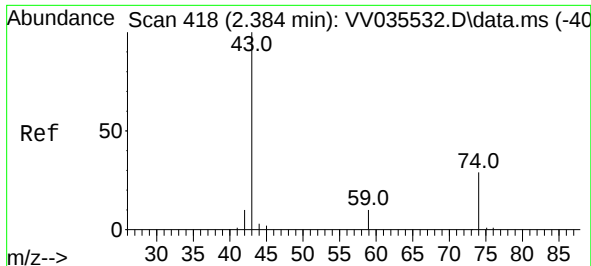
Tgt Ion: 76 Resp: 1983174

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3





#15

Methyl Acetate

Concen: 77.329 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

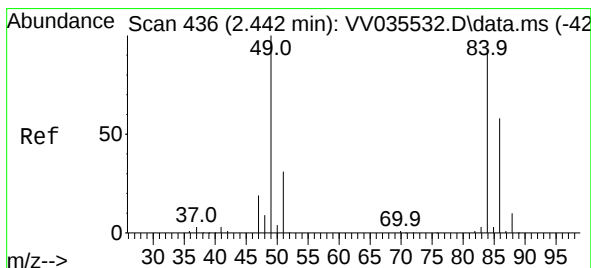
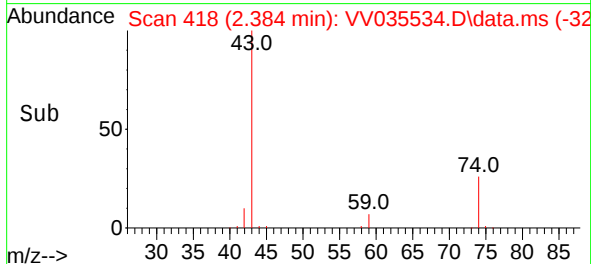
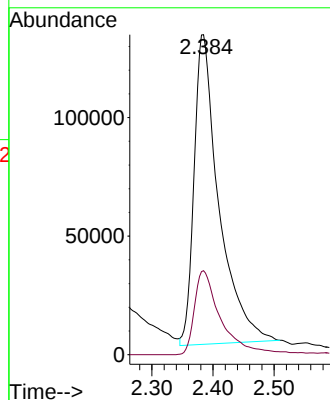
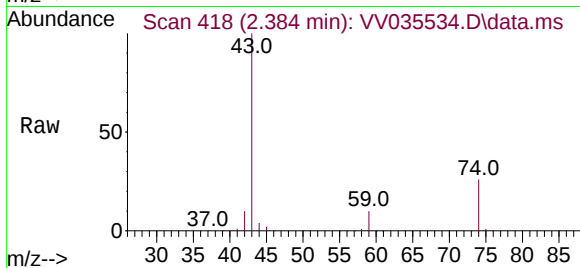
ClientSampleId :

Tgt Ion: 43 Resp: 367841

Ion Ratio Lower Upper

43 100

74 28.8 18.6 27.8#



#16

Methylene chloride

Concen: 75.836 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

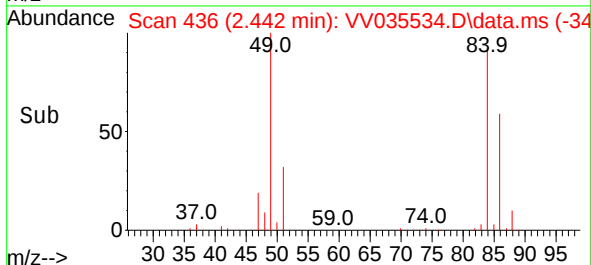
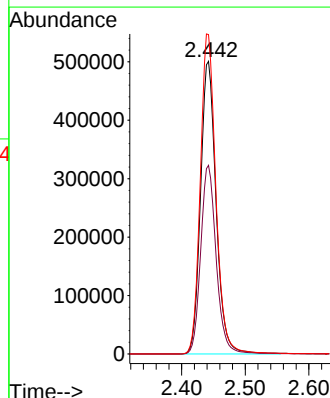
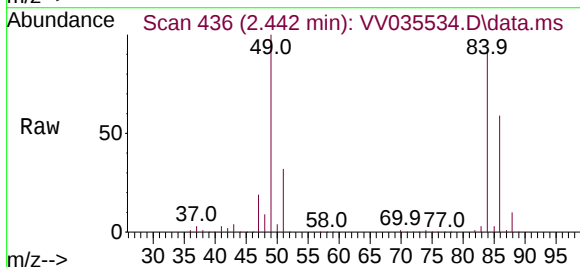
Tgt Ion: 84 Resp: 849323

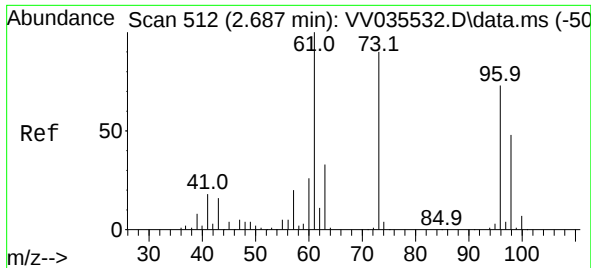
Ion Ratio Lower Upper

84 100

86 64.5 43.8 81.3

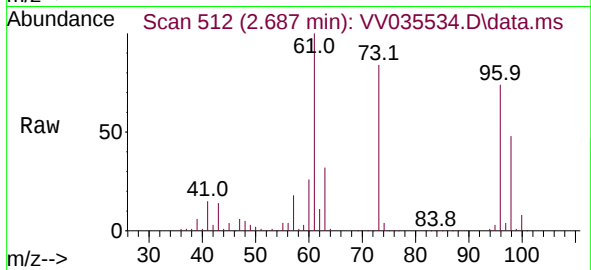
49 109.2 75.3 139.9



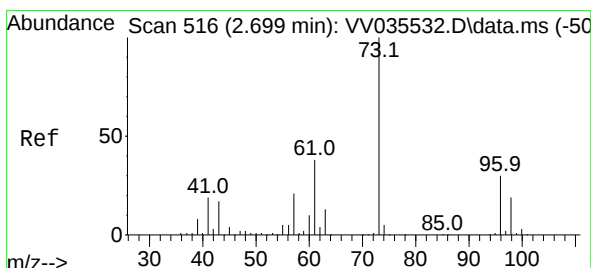
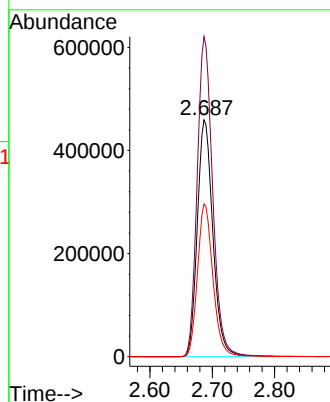
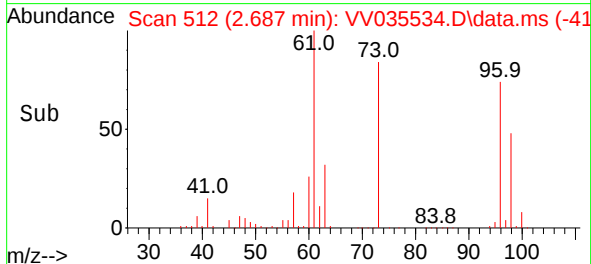


#17
trans-1,2-Dichloroethene
Concen: 94.484 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

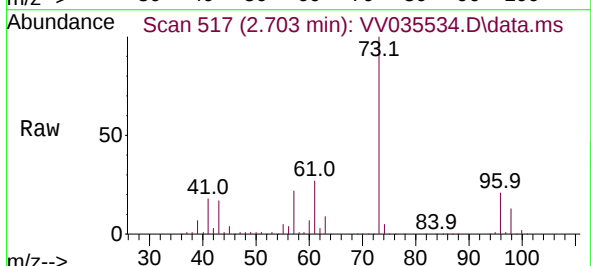
Instrument :
MSVOA_V
ClientSampleId :



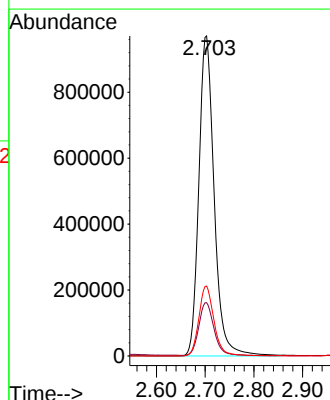
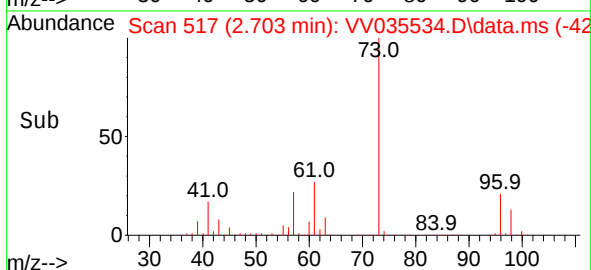
Tgt Ion: 96 Resp: 799125
Ion Ratio Lower Upper
96 100
61 135.2 95.5 177.4
98 64.5 46.0 85.4

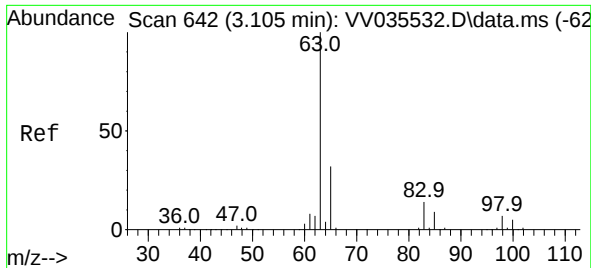


#18
Methyl tert-butyl Ether
Concen: 103.978 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57



Tgt Ion: 73 Resp: 2121332
Ion Ratio Lower Upper
73 100
43 16.5 13.3 19.9
57 21.7 17.4 26.2

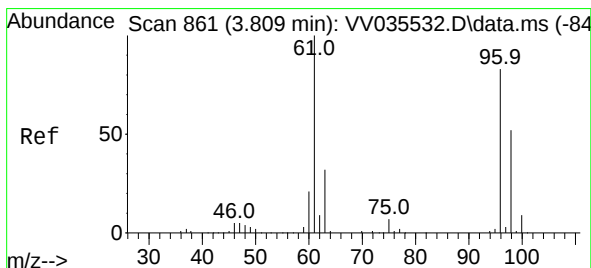
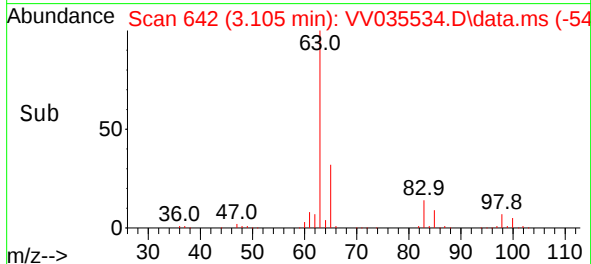
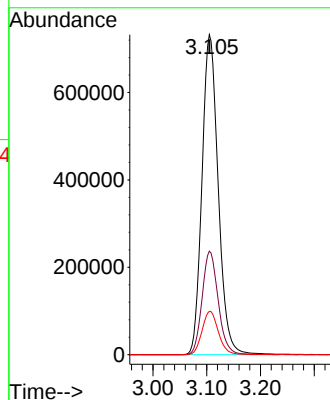
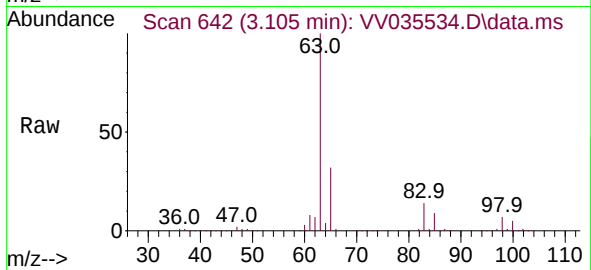




#19
1,1-Dichloroethane
Concen: 96.753 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

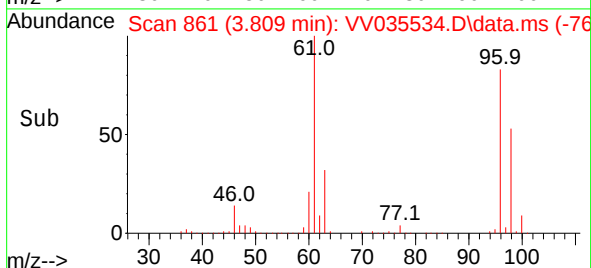
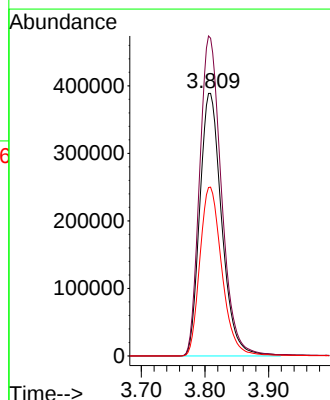
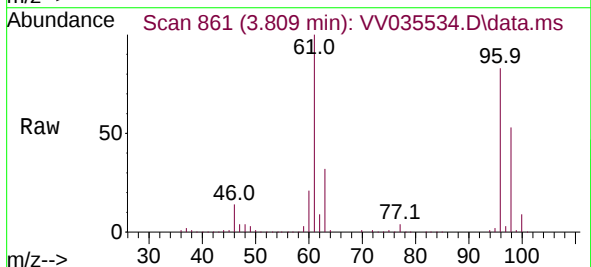
Instrument :
MSVOA_V
ClientSampleId :

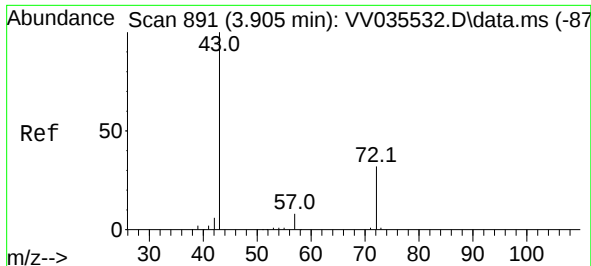
Tgt Ion: 63 Resp: 1534126
Ion Ratio Lower Upper
63 100
65 32.4 22.7 42.3
83 13.6 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 101.314 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

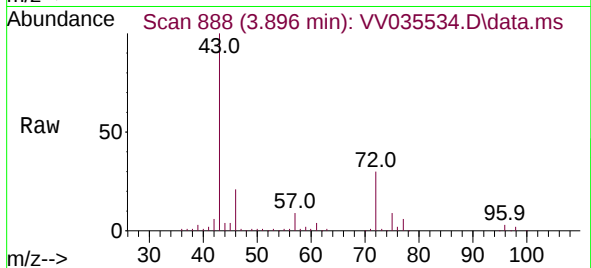
Tgt Ion: 96 Resp: 928932
Ion Ratio Lower Upper
96 100
61 121.0 83.9 155.9
98 64.3 44.0 81.8



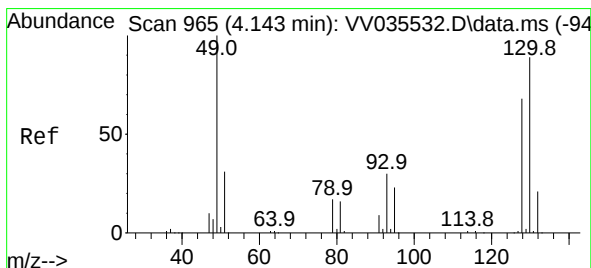
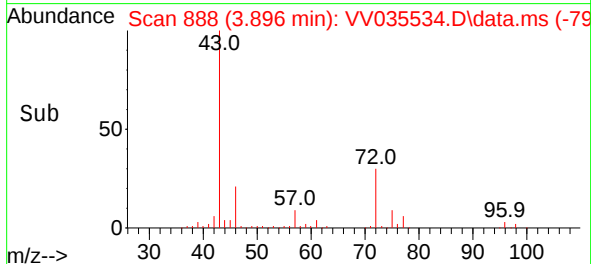
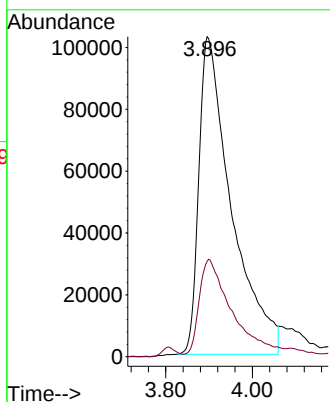


#22
2-Butanone
Concen: 184.795 ug/L
RT: 3.896 min Scan# 891
Delta R.T. -0.010 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Instrument :
MSVOA_V
ClientSampleId :

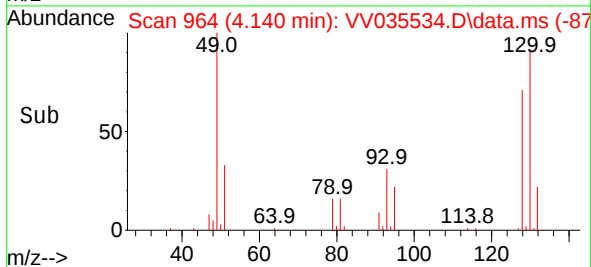
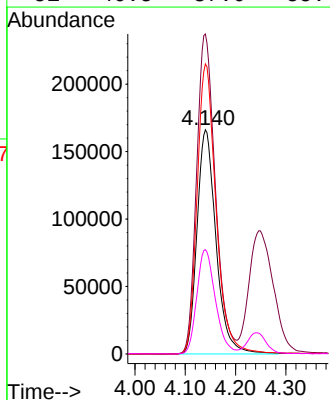
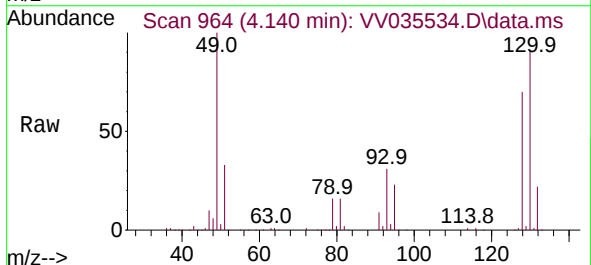


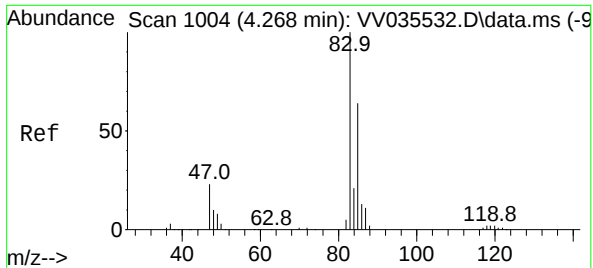
Tgt Ion: 43 Resp: 535296
Ion Ratio Lower Upper
43 100
72 28.9 12.3 36.9



#23
Bromochloromethane
Concen: 98.431 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion:128 Resp: 436503
Ion Ratio Lower Upper
128 100
49 142.8 103.1 191.5
130 129.4 91.8 170.4
51 46.5 37.0 55.4

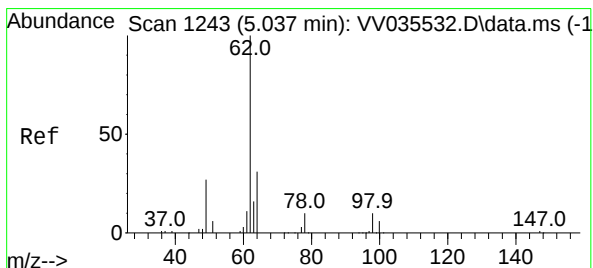
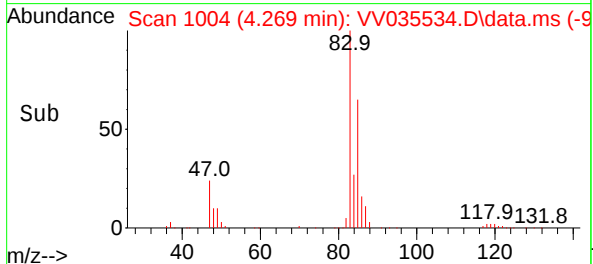
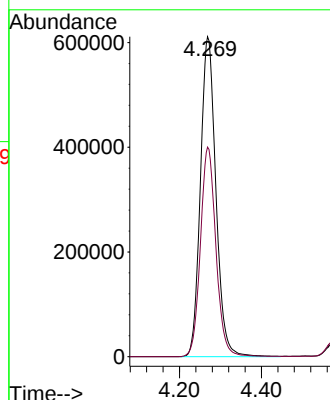
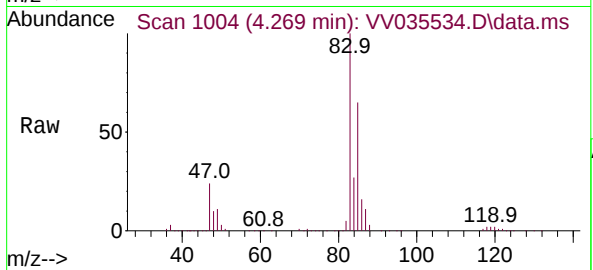




#25
Chloroform
Concen: 97.559 ug/L
RT: 4.269 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

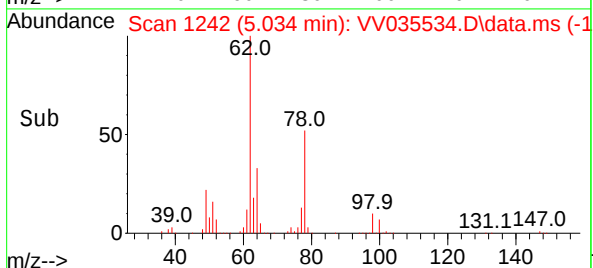
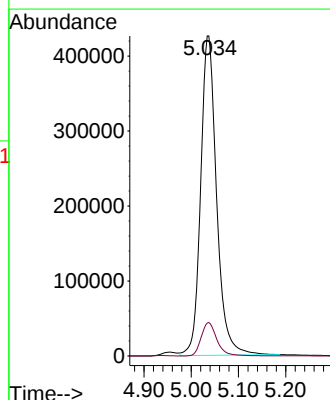
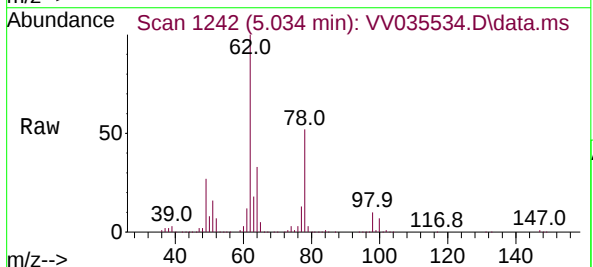
Instrument :
MSVOA_V
ClientSampleId :

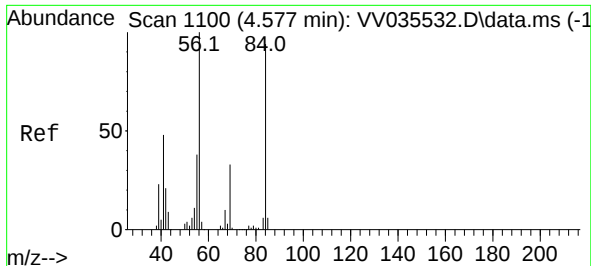
Tgt Ion: 83 Resp: 1597355
Ion Ratio Lower Upper
83 100
85 65.5 44.7 82.9



#27
1,2-Dichloroethane
Concen: 98.152 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion: 62 Resp: 1000736
Ion Ratio Lower Upper
62 100
98 10.3 8.2 12.2





#29

Cyclohexane

Concen: 99.726 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :

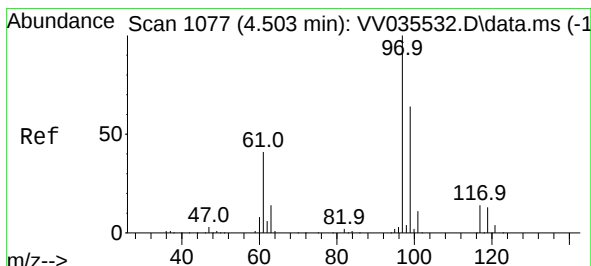
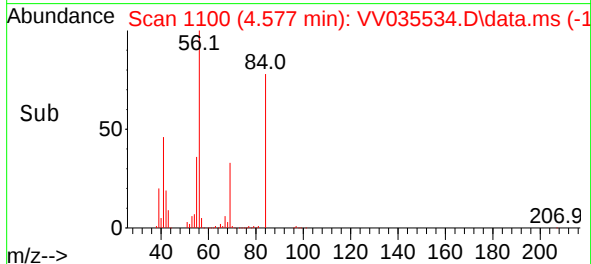
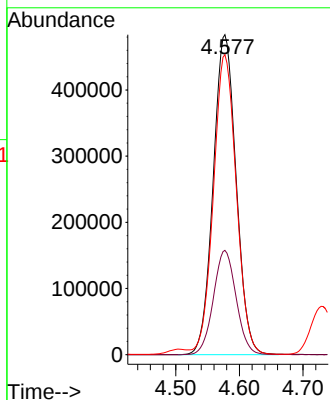
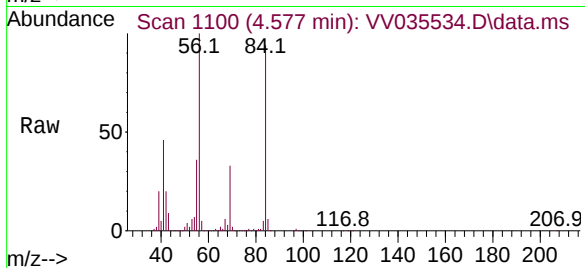
Tgt Ion: 56 Resp: 1209904

Ion Ratio Lower Upper

56 100

69 32.3 25.6 38.4

84 93.6 74.8 112.2



#30

1,1,1-Trichloroethane

Concen: 96.356 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

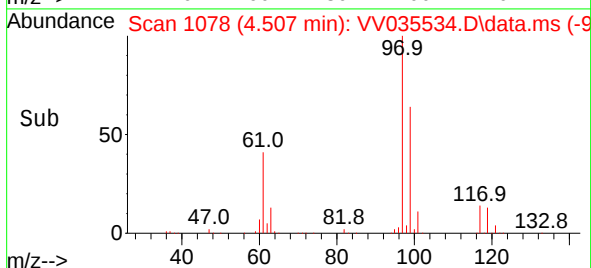
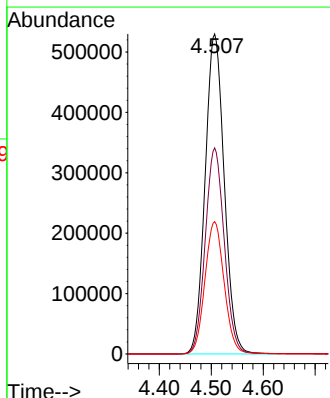
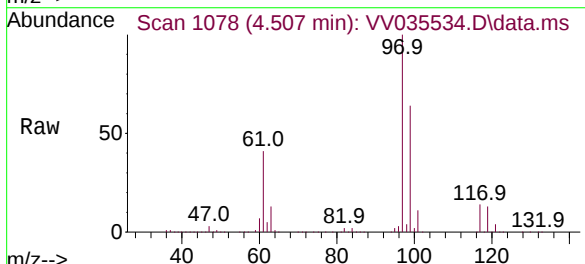
Tgt Ion: 97 Resp: 1355468

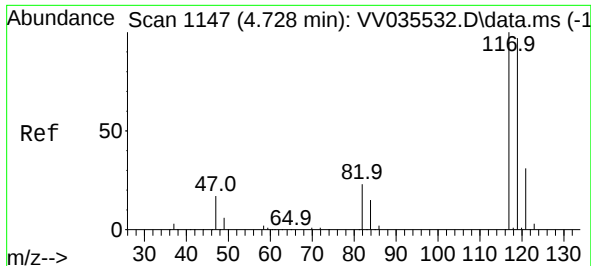
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 41.5 33.5 50.3

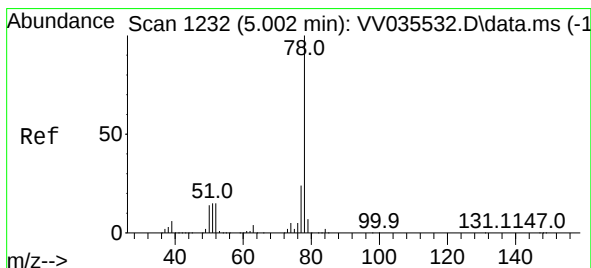
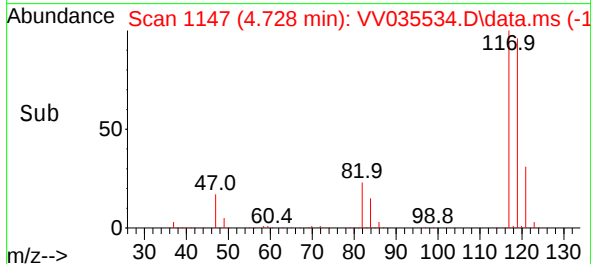
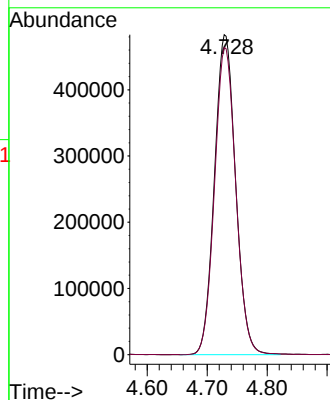
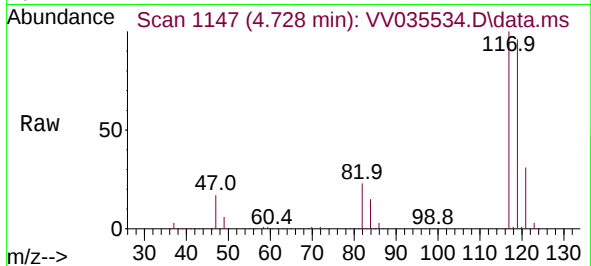




#31
Carbon tetrachloride
Concen: 95.784 ug/L
RT: 4.728 min Scan# 1147
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

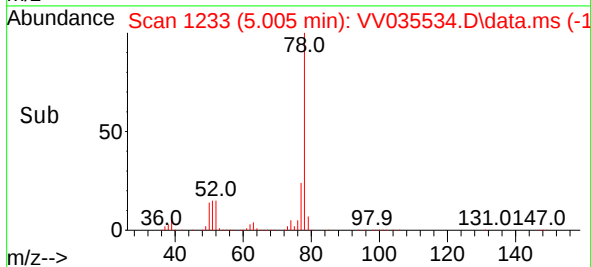
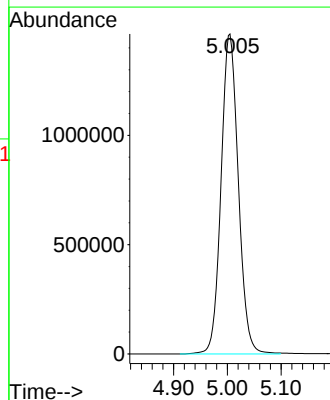
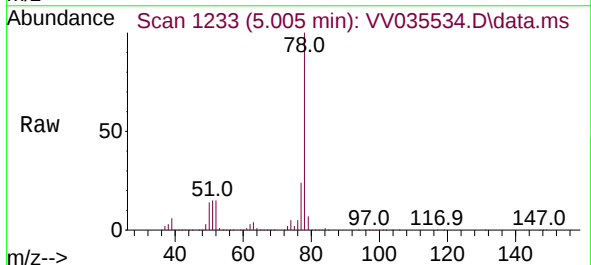
Instrument :
MSVOA_V
ClientSampleId :

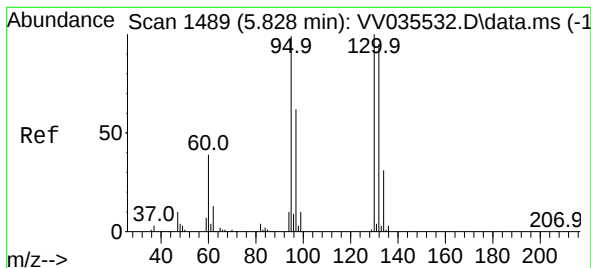
Tgt Ion:117 Resp: 1182228
Ion Ratio Lower Upper
117 100
119 96.7 77.3 115.9



#33
Benzene
Concen: 97.076 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.003 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion: 78 Resp: 3259579





#34

Trichloroethene

Concen: 96.721 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

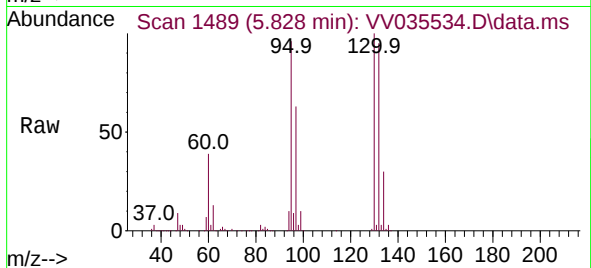
Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 918654

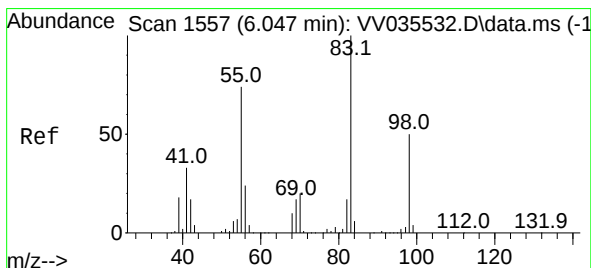
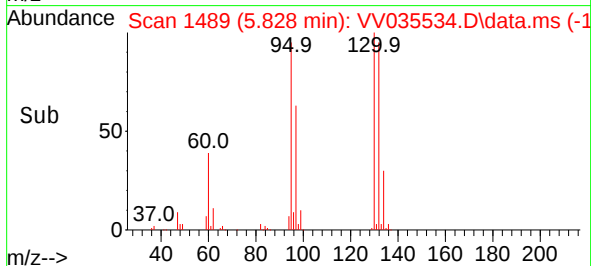
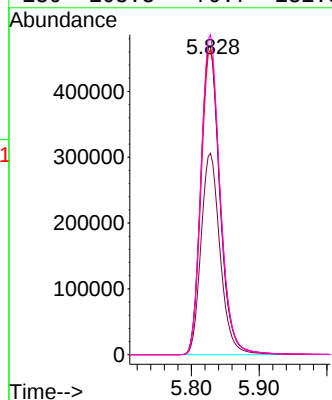
Ion Ratio Lower Upper

95 100

97 65.3 43.8 81.4

132 99.0 67.1 124.7

130 103.8 70.7 131.3



#35

Methylcyclohexane

Concen: 99.329 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

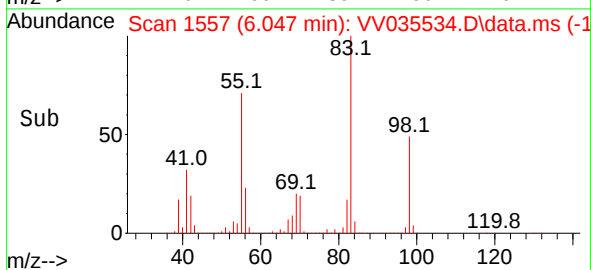
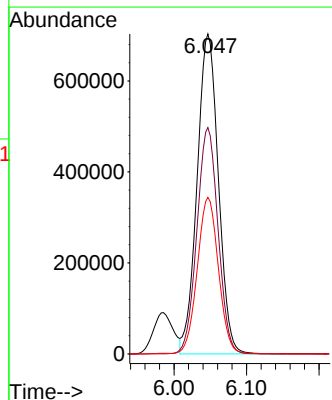
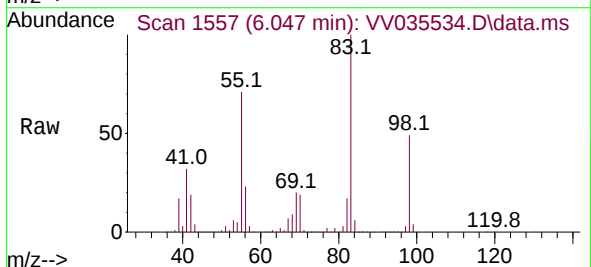
Tgt Ion: 83 Resp: 1432307

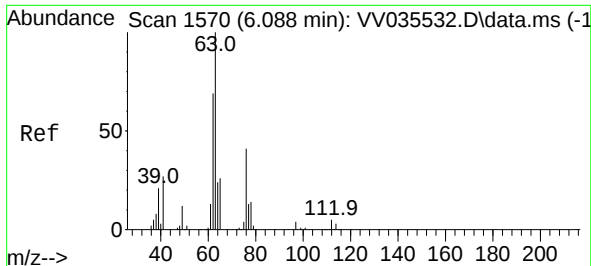
Ion Ratio Lower Upper

83 100

55 70.2 57.5 86.3

98 48.7 38.6 58.0

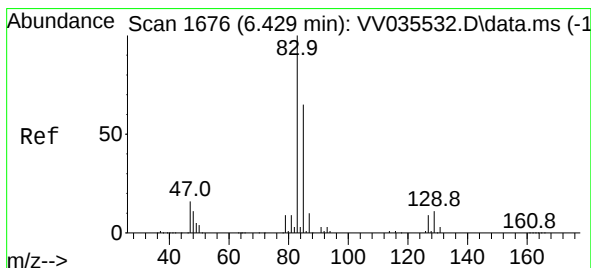
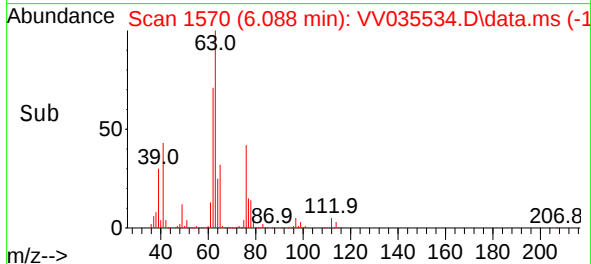
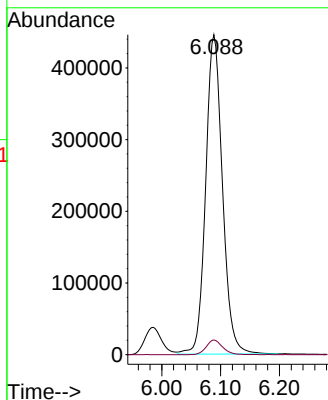
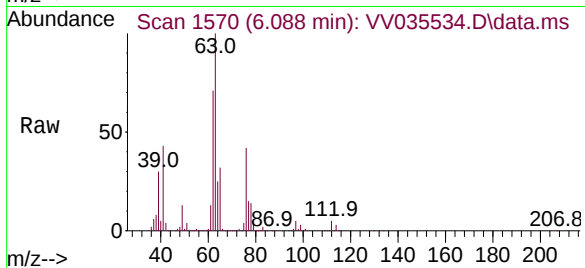




#37
1,2-Dichloropropane
Concen: 100.671 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

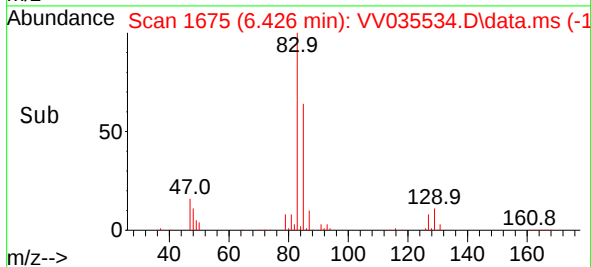
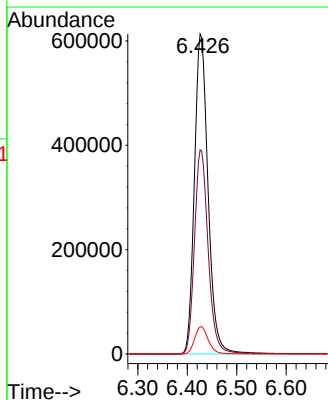
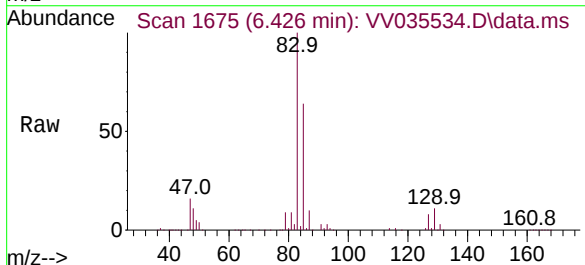
Instrument :
MSVOA_V
ClientSampleId :

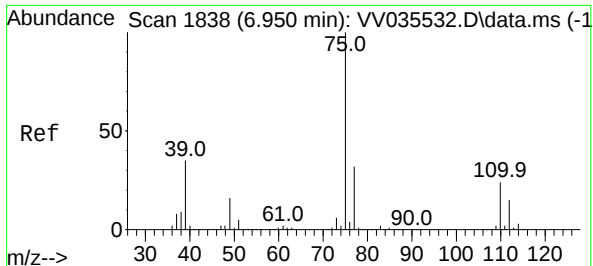
Tgt Ion: 63 Resp: 881922
Ion Ratio Lower Upper
63 100
112 4.5 3.8 5.6



#38
Bromodichloromethane
Concen: 99.511 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion: 83 Resp: 1180958
Ion Ratio Lower Upper
83 100
85 63.8 45.1 83.9
127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 107.827 ug/L

RT: 6.947 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

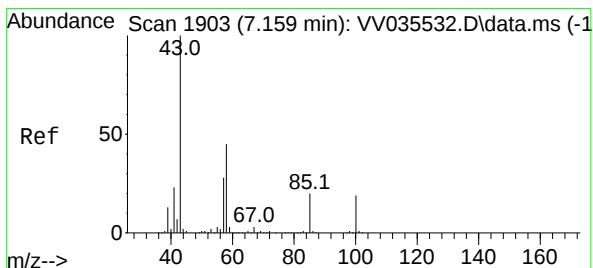
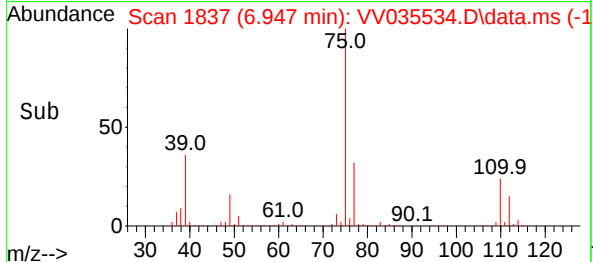
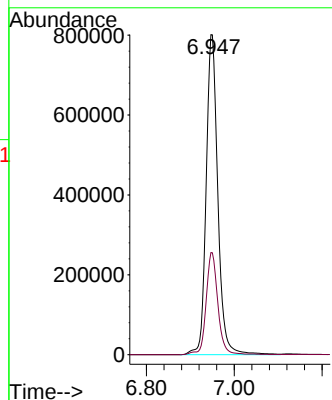
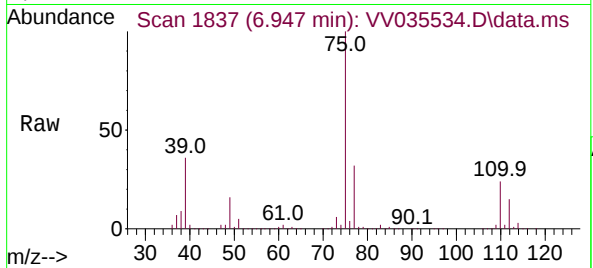
ClientSampleId :

Tgt Ion: 75 Resp: 1477456

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 214.710 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

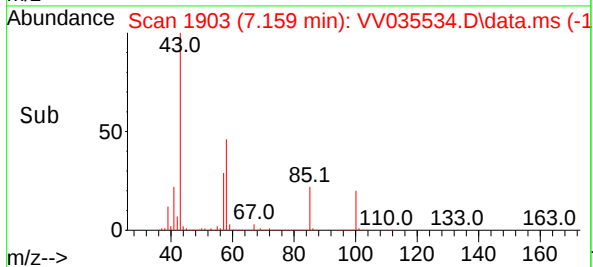
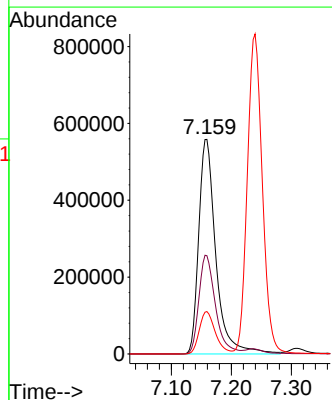
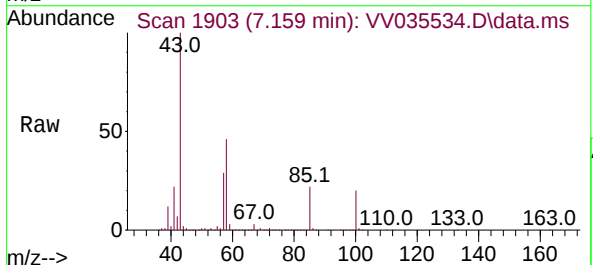
Tgt Ion: 43 Resp: 1109608

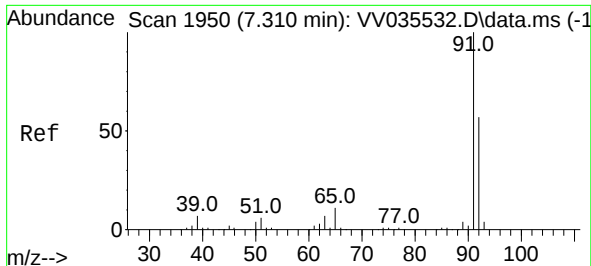
Ion Ratio Lower Upper

43 100

58 44.5 34.8 52.2

100 18.6 13.9 20.9





#42

Toluene

Concen: 100.450 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

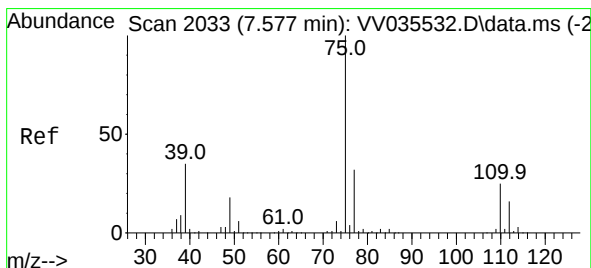
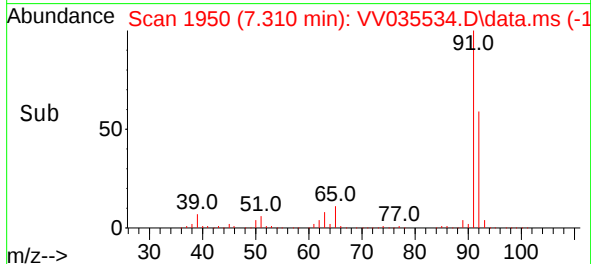
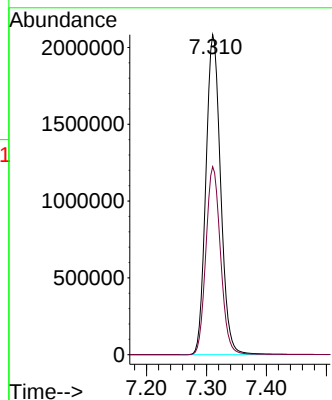
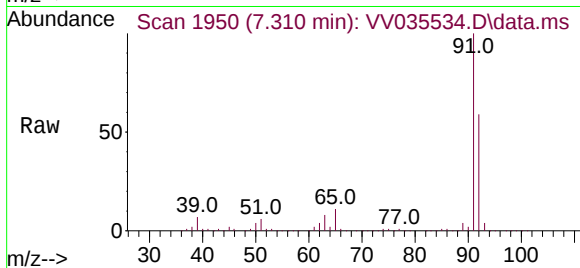
ClientSampleId :

Tgt Ion: 91 Resp: 3569426

Ion Ratio Lower Upper

91 100

92 58.7 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 105.832 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035534.D

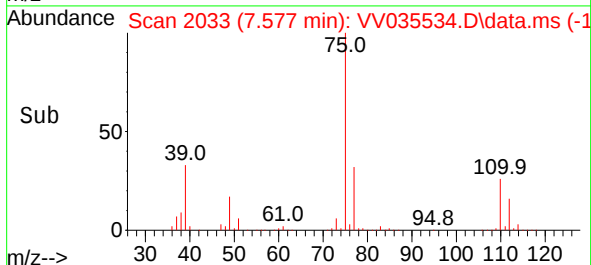
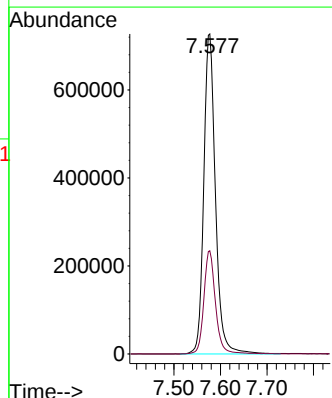
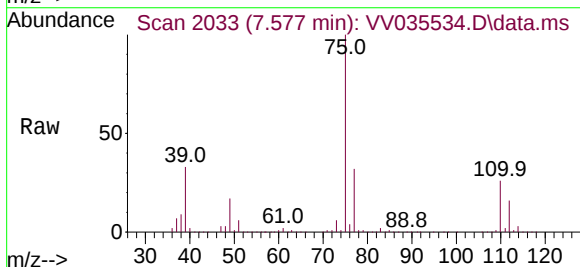
Acq: 06 May 2024 13:57

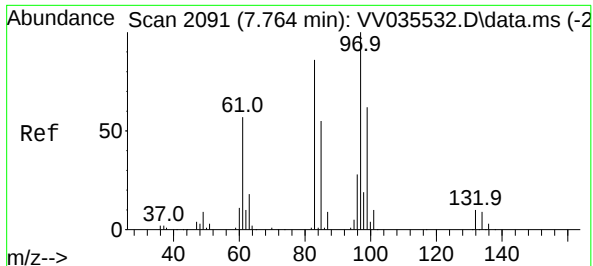
Tgt Ion: 75 Resp: 1268543

Ion Ratio Lower Upper

75 100

77 32.3 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 99.300 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 739140

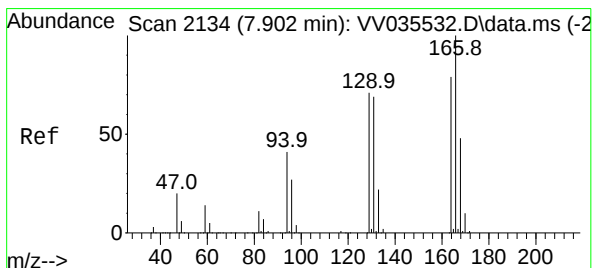
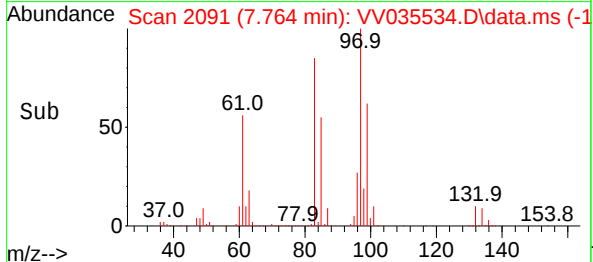
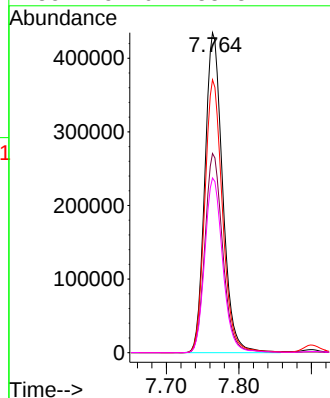
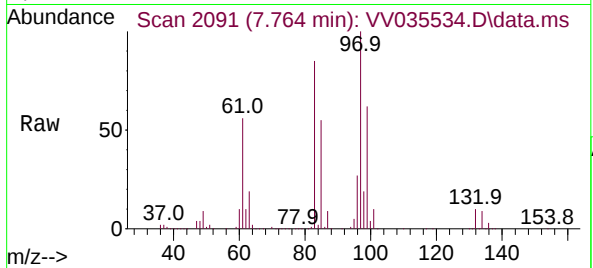
Ion Ratio Lower Upper

97 100

99 62.2 43.3 80.3

83 85.3 60.3 111.9

85 54.6 38.3 71.1



#46

Tetrachloroethene

Concen: 95.204 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Tgt Ion:164 Resp: 734625

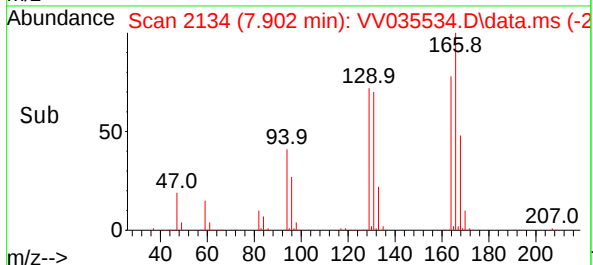
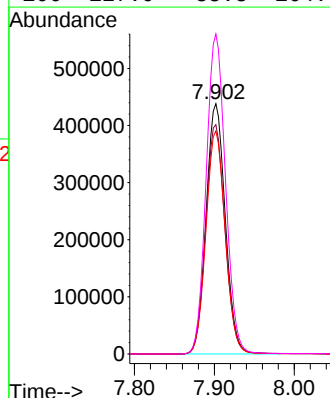
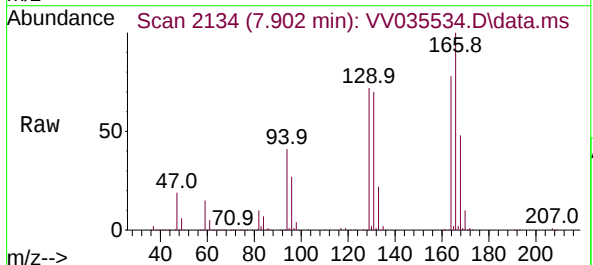
Ion Ratio Lower Upper

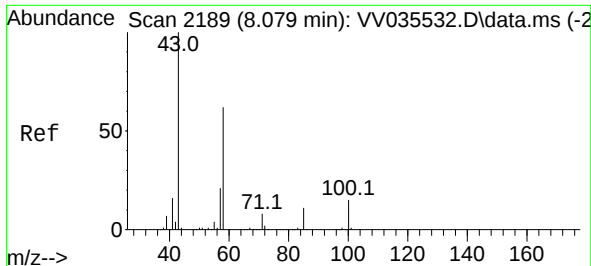
164 100

129 91.7 63.4 117.8

131 89.2 61.0 113.4

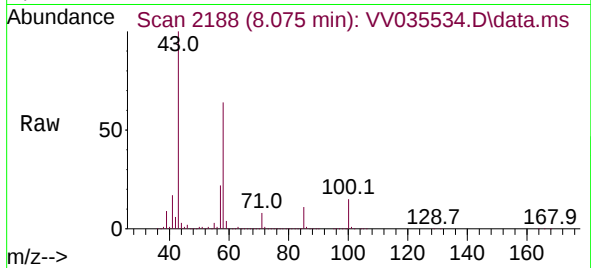
166 127.9 88.8 164.8



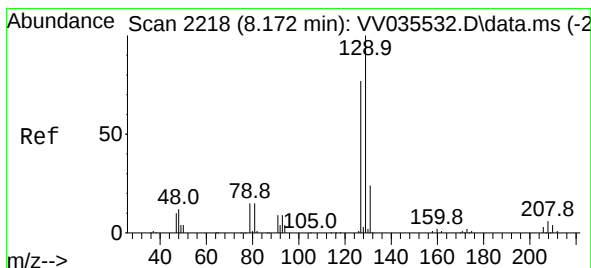
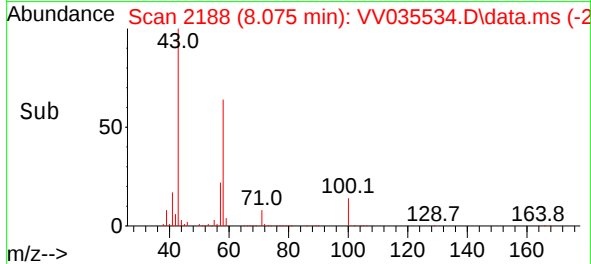
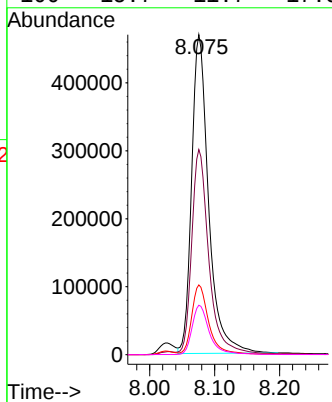


#48
2-Hexanone
Concen: 221.404 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Instrument :
MSVOA_V
ClientSampleId :

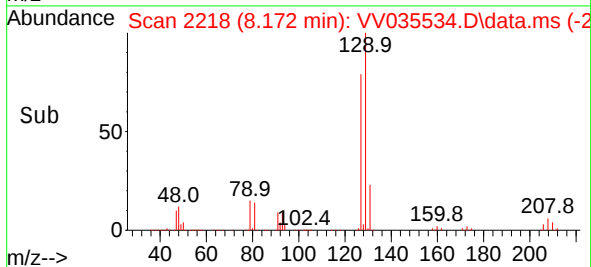
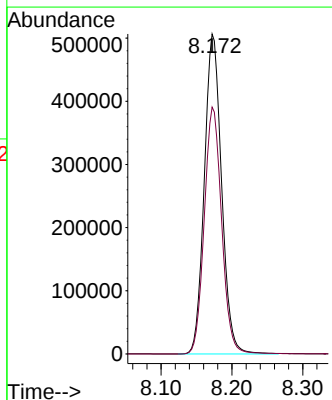
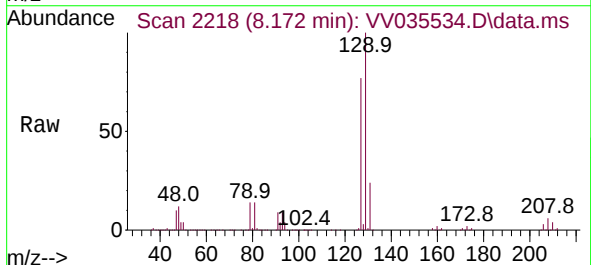


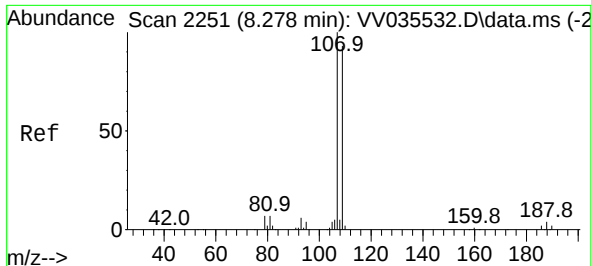
Tgt Ion: 43 Resp: 854535
Ion Ratio Lower Upper
43 100
58 64.7 48.8 73.2
57 21.7 16.9 25.3
100 15.7 11.7 17.5



#49
Dibromochloromethane
Concen: 102.033 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion:129 Resp: 856984
Ion Ratio Lower Upper
129 100
127 77.1 53.8 99.8

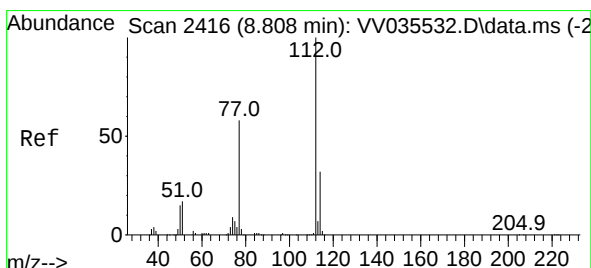
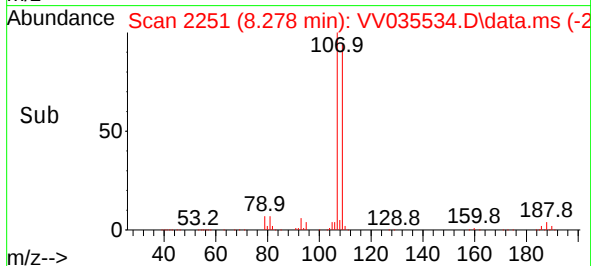
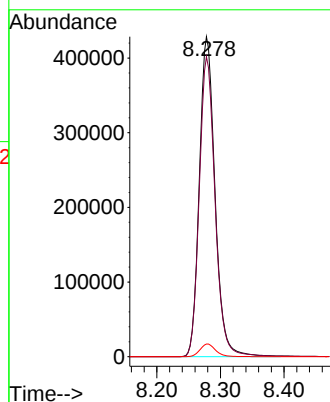
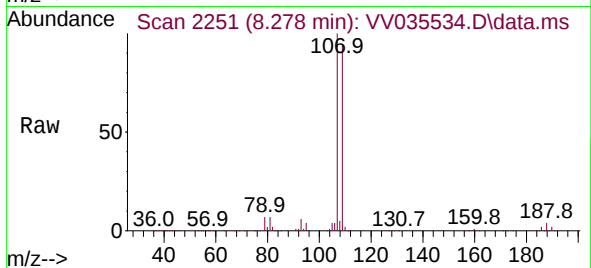




#50
1,2-Dibromoethane
Concen: 100.203 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

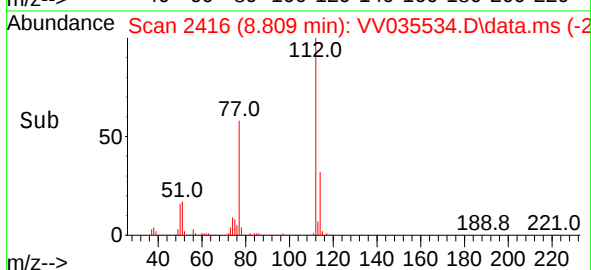
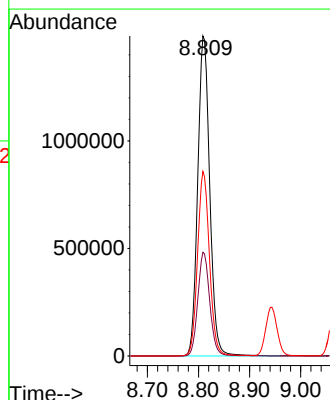
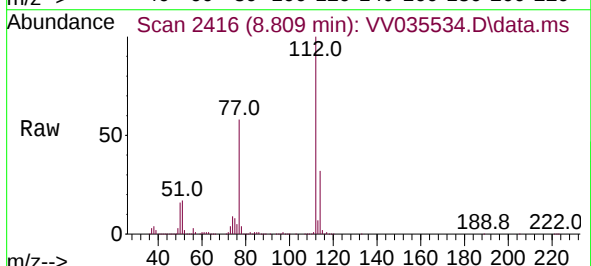
Instrument :
MSVOA_V
ClientSampleId :

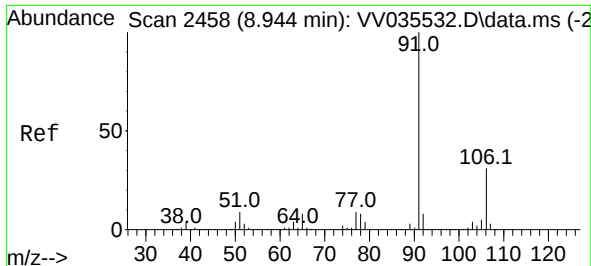
Tgt Ion:107 Resp: 734785
Ion Ratio Lower Upper
107 100
109 93.7 65.4 121.4
188 4.0 2.9 4.3



#51
Chlorobenzene
Concen: 98.482 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion:112 Resp: 2428221
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.7
77 57.6 46.6 69.8

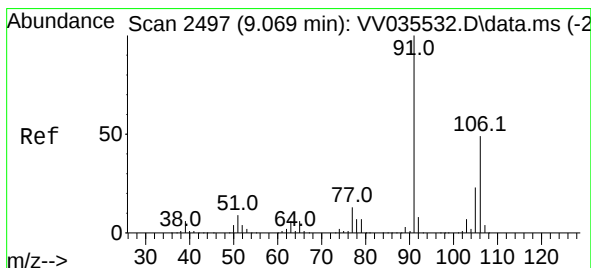
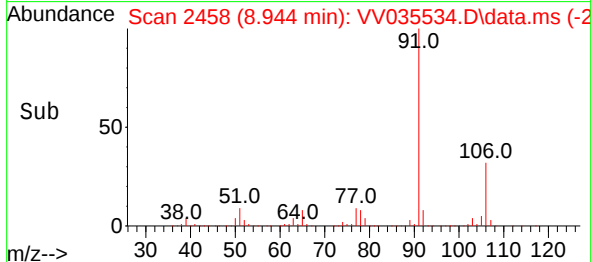
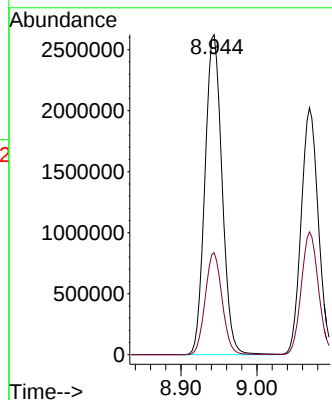
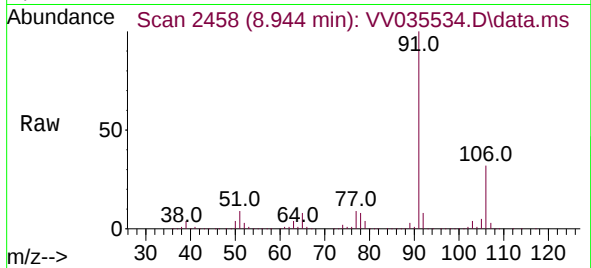




#52
Ethylbenzene
Concen: 104.472 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

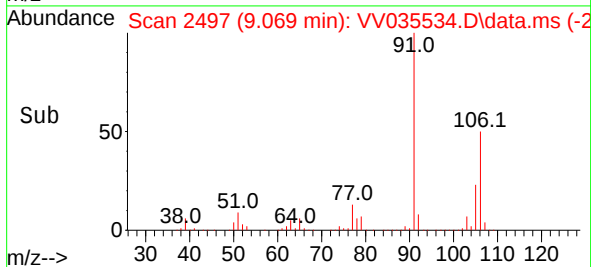
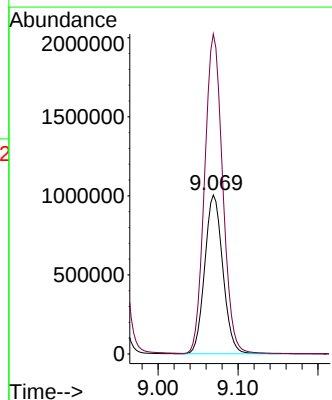
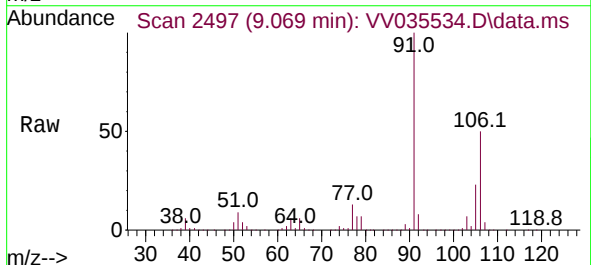
Instrument :
MSVOA_V
ClientSampleId :

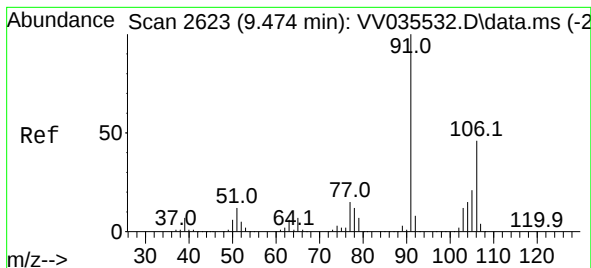
Tgt Ion: 91 Resp: 4098832
Ion Ratio Lower Upper
91 100
106 31.9 21.7 40.3



#53
m,p-Xylene
Concen: 106.147 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion: 106 Resp: 1580008
Ion Ratio Lower Upper
106 100
91 201.2 142.7 264.9





#54

o-Xylene

Concen: 109.871 ug/L

RT: 9.474 min Scan# 2623

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

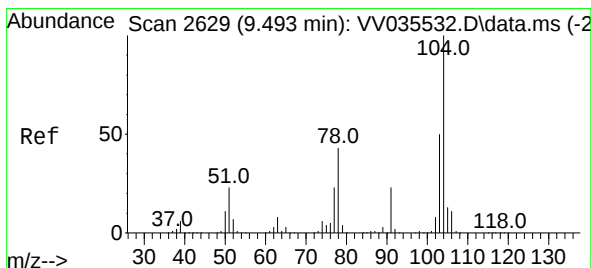
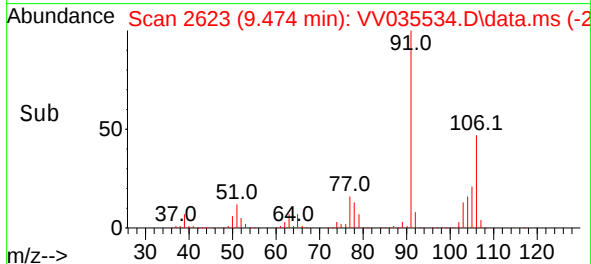
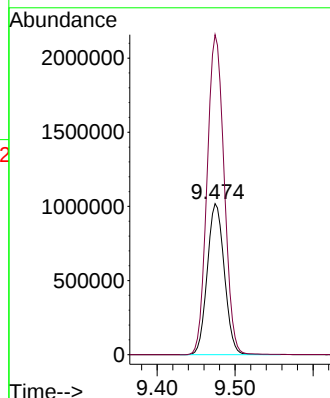
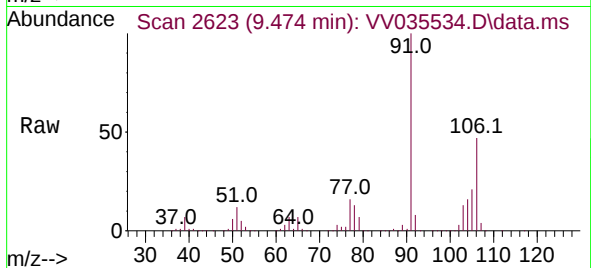
ClientSampleId :

Tgt Ion:106 Resp: 1550012

Ion Ratio Lower Upper

106 100

91 211.8 150.9 280.3



#55

Styrene

Concen: 109.430 ug/L

RT: 9.493 min Scan# 2629

Delta R.T. 0.000 min

Lab File: VV035534.D

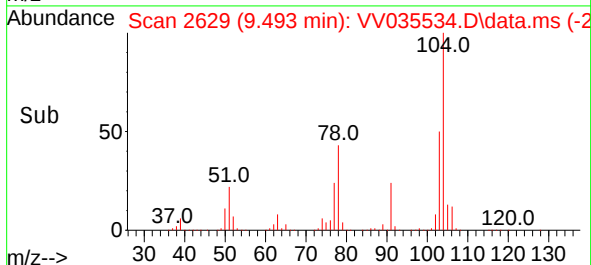
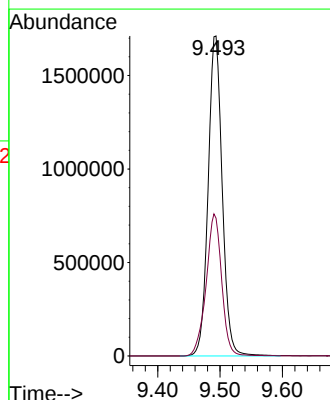
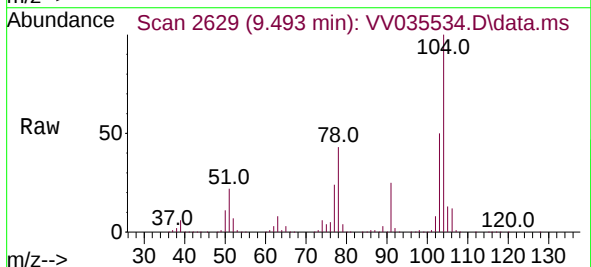
Acq: 06 May 2024 13:57

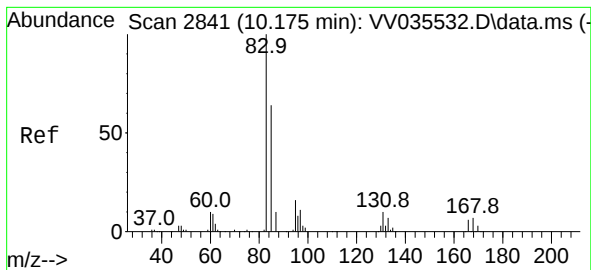
Tgt Ion:104 Resp: 2692652

Ion Ratio Lower Upper

104 100

78 43.0 30.0 55.6

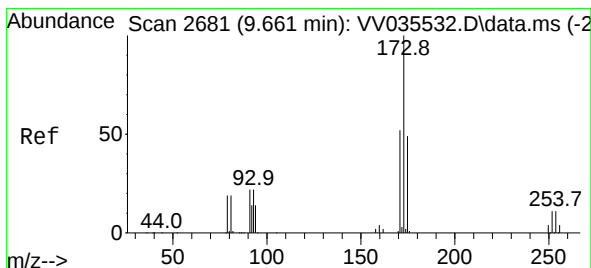
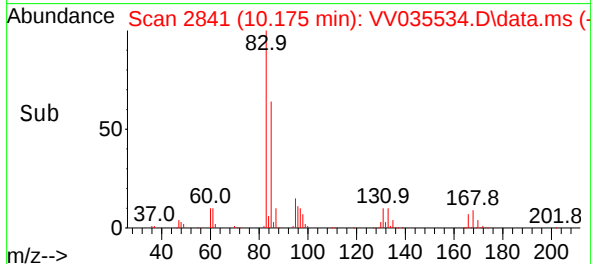
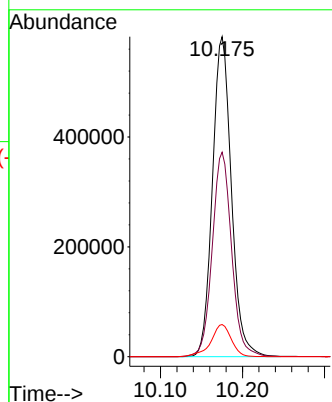
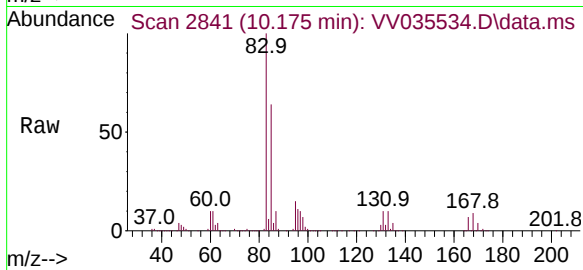




#57
1,1,2,2-Tetrachloroethane
Concen: 102.960 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

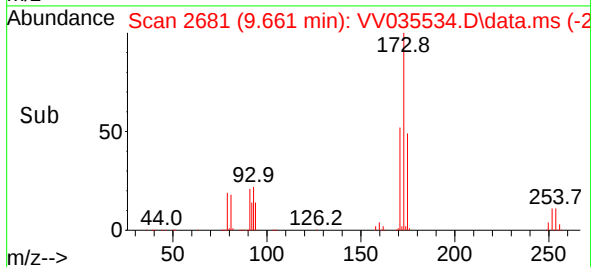
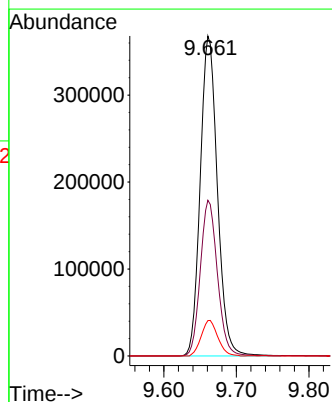
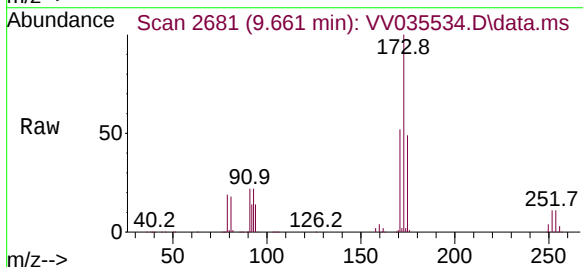
Instrument :
MSVOA_V
ClientSampleId :

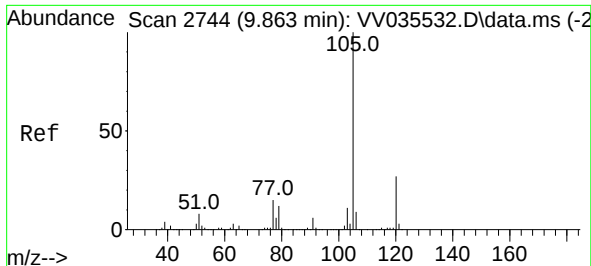
Tgt Ion: 83 Resp: 933560
Ion Ratio Lower Upper
83 100
85 63.9 44.7 83.1
131 10.0 8.0 12.0



#59
Bromoform
Concen: 102.975 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.000 min
Lab File: VV035534.D
Acq: 06 May 2024 13:57

Tgt Ion: 173 Resp: 604274
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.8 8.3 12.5





#60

Isopropylbenzene

Concen: 105.677 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :

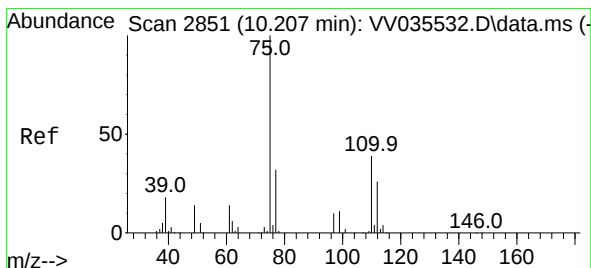
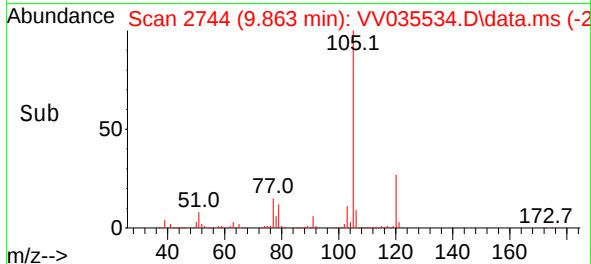
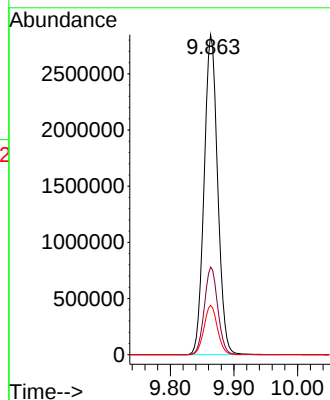
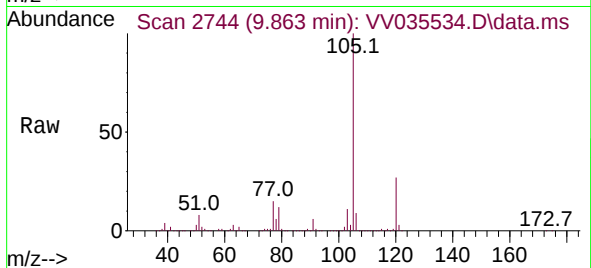
Tgt Ion:105 Resp: 4203373

Ion Ratio Lower Upper

105 100

120 27.2 21.3 31.9

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 98.198 ug/L

RT: 10.207 min Scan# 2851

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

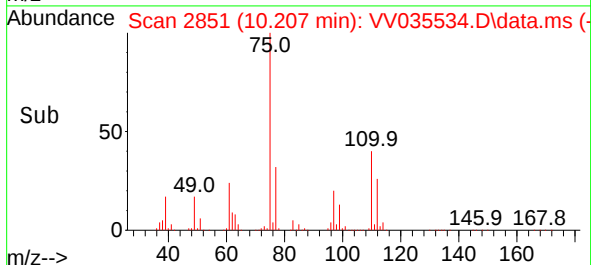
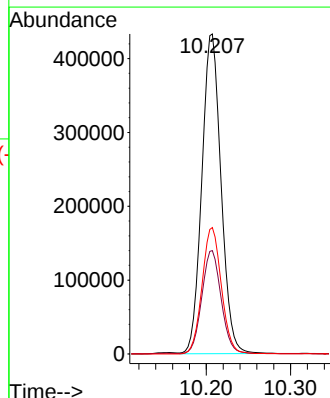
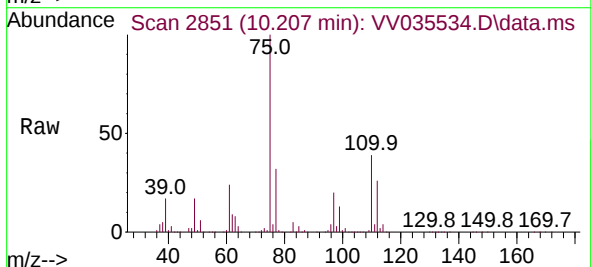
Tgt Ion: 75 Resp: 687105

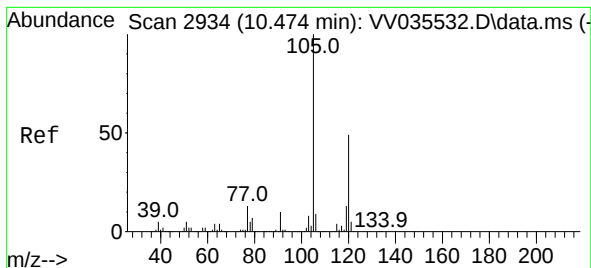
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 39.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 114.272 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

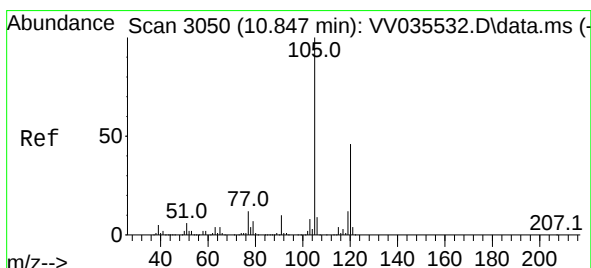
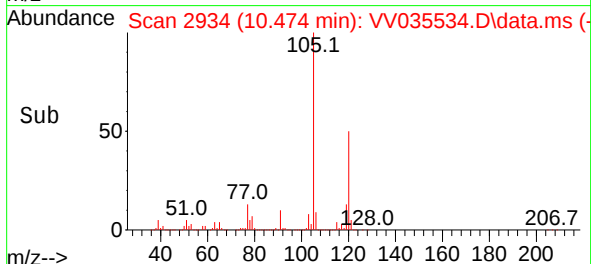
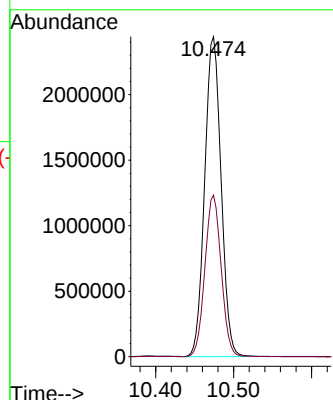
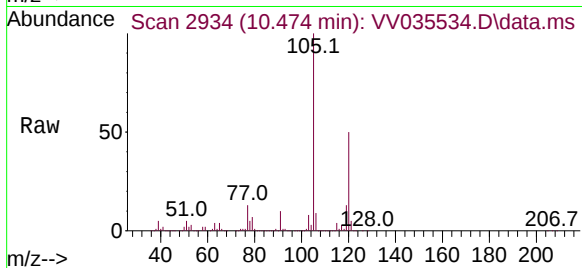
ClientSampleId :

Tgt Ion:105 Resp: 3565630

Ion Ratio Lower Upper

105 100

120 50.1 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 111.315 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.000 min

Lab File: VV035534.D

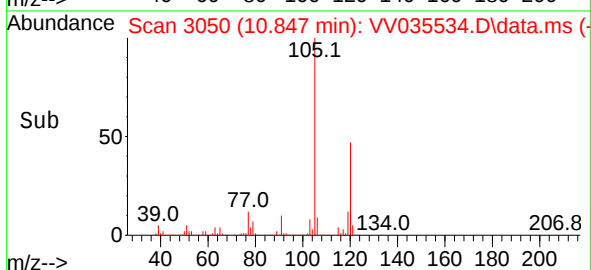
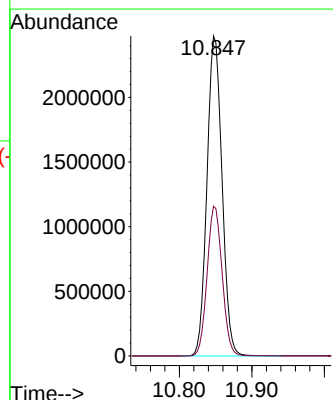
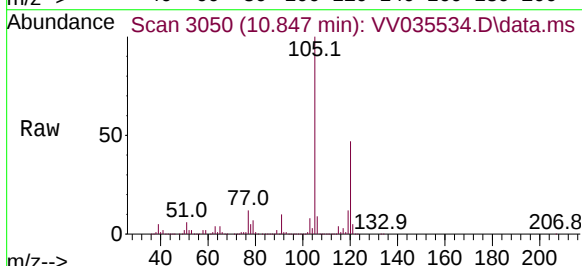
Acq: 06 May 2024 13:57

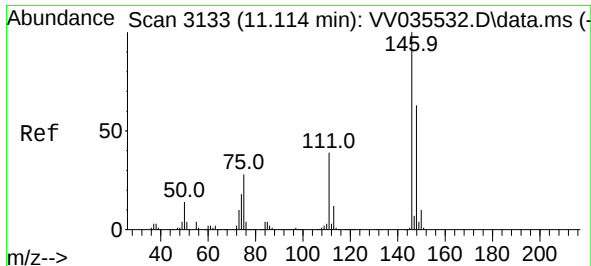
Tgt Ion:105 Resp: 3569288

Ion Ratio Lower Upper

105 100

120 46.6 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 99.779 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :

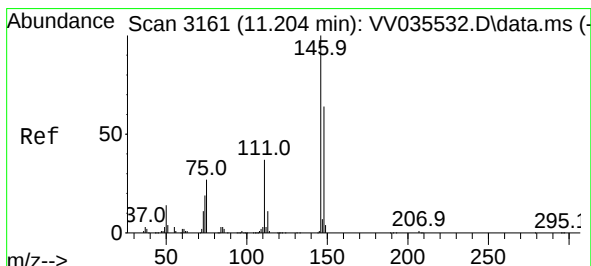
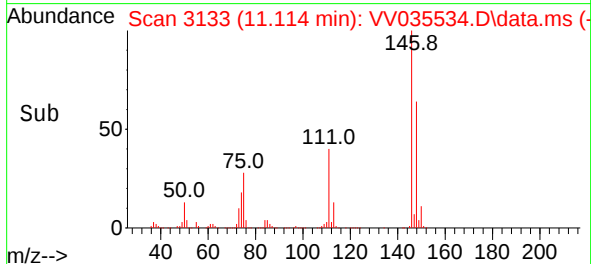
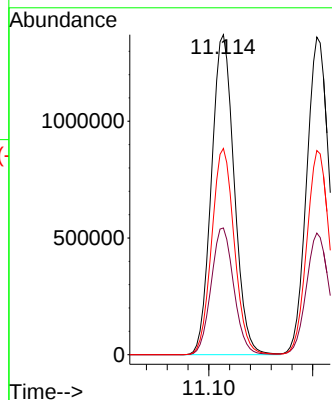
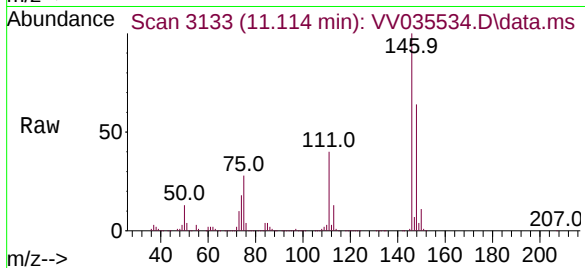
Tgt Ion:146 Resp: 2082792

Ion Ratio Lower Upper

146 100

111 39.6 27.0 50.2

148 64.5 44.3 82.3



#65

1,4-Dichlorobenzene

Concen: 96.826 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

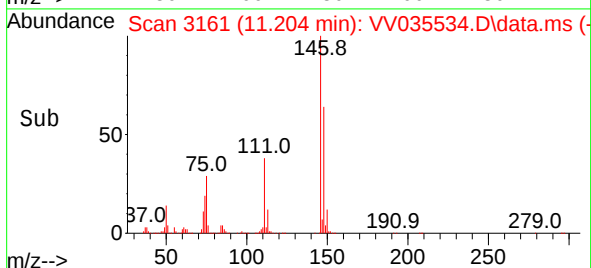
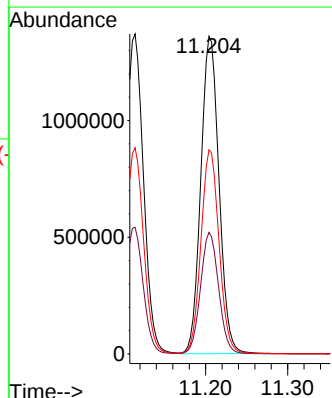
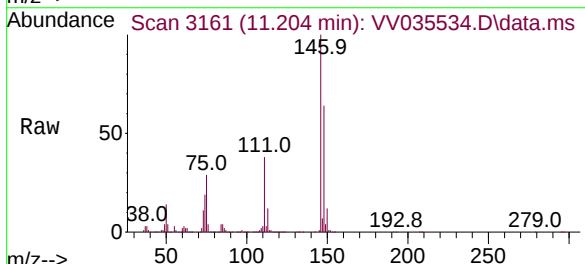
Tgt Ion:146 Resp: 2092375

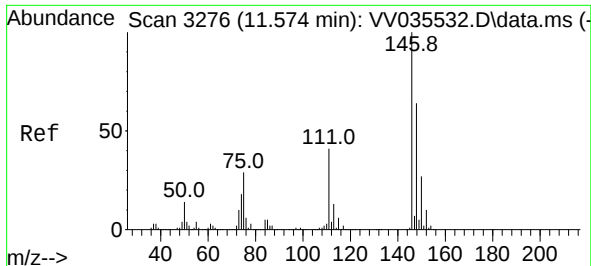
Ion Ratio Lower Upper

146 100

111 38.3 26.2 48.6

148 64.3 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 99.605 ug/L

RT: 11.577 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :

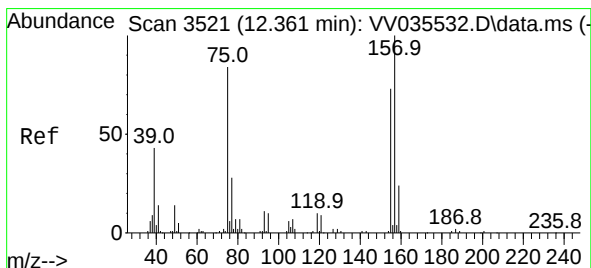
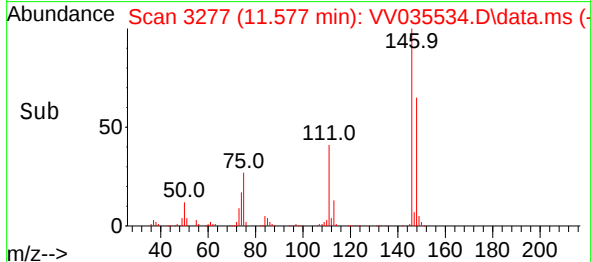
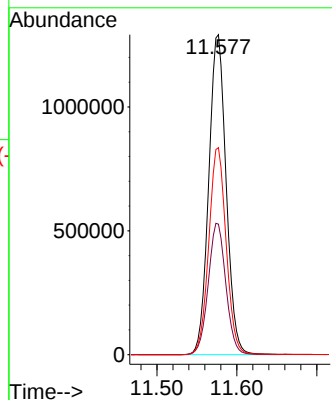
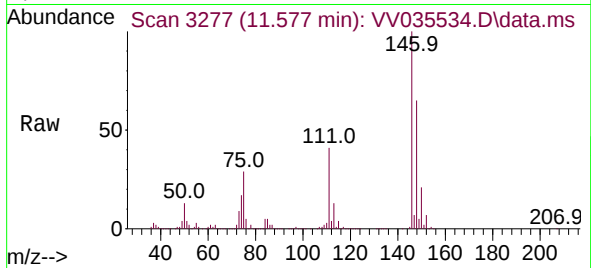
Tgt Ion:146 Resp: 1957167

Ion Ratio Lower Upper

146 100

111 40.8 32.6 48.8

148 64.7 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 100.594 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

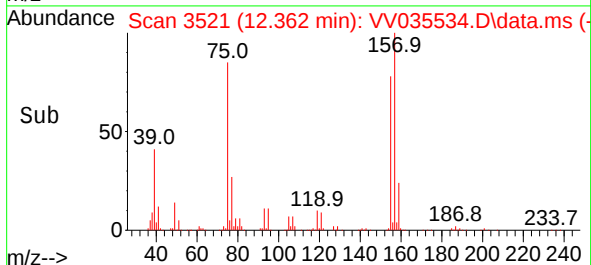
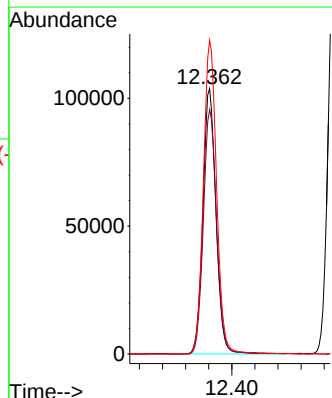
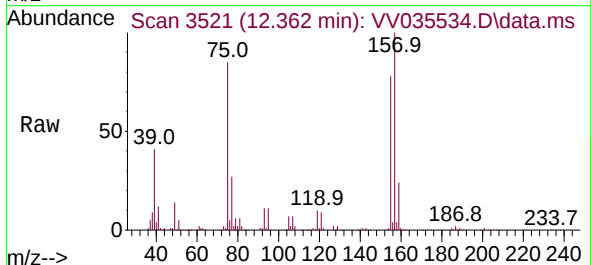
Tgt Ion: 75 Resp: 163243

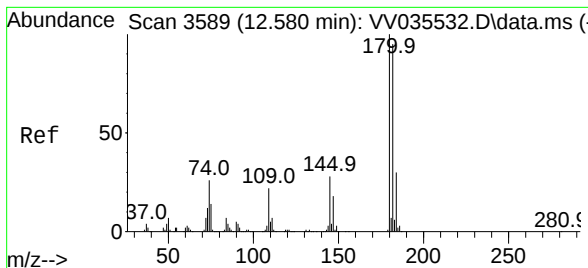
Ion Ratio Lower Upper

75 100

155 92.1 69.8 104.6

157 118.2 95.0 142.6





#69

1,3,5-Trichlorobenzene

Concen: 104.787 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

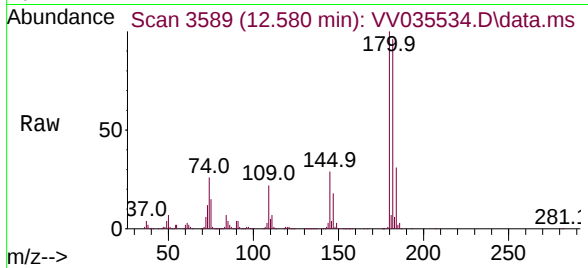
Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1709275

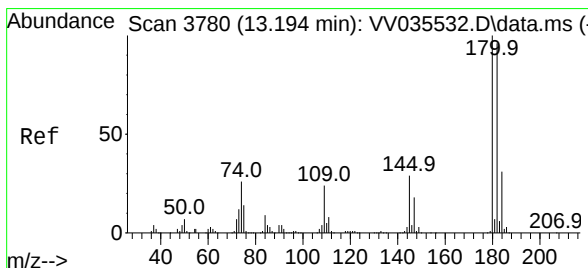
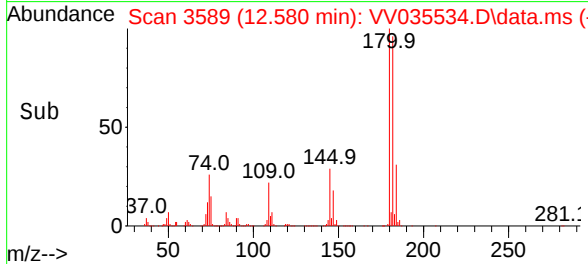
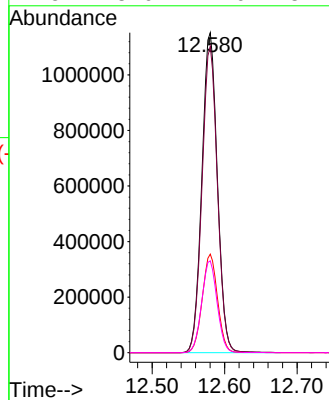
Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.2

184 30.4 24.1 36.1

145 28.6 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 102.217 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

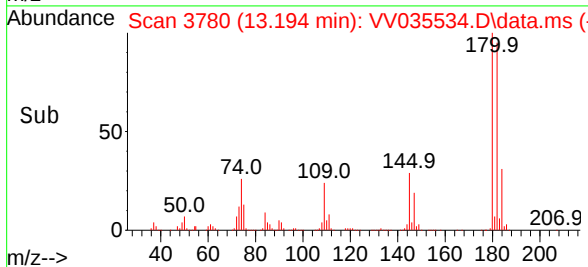
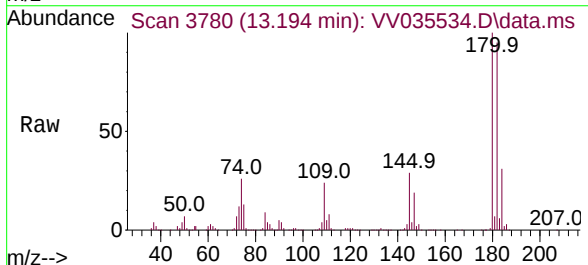
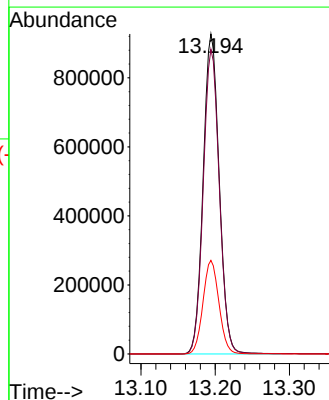
Tgt Ion:180 Resp: 1392278

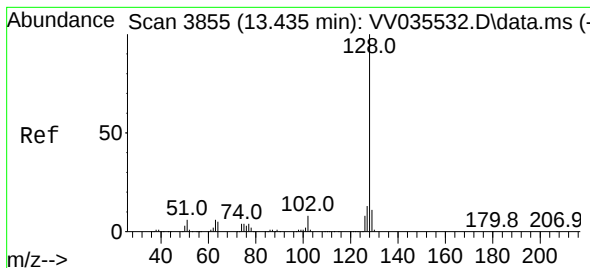
Ion Ratio Lower Upper

180 100

182 95.3 76.6 114.8

145 29.0 23.2 34.8





#71

Naphthalene

Concen: 107.608 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Instrument :

MSVOA_V

ClientSampleId :

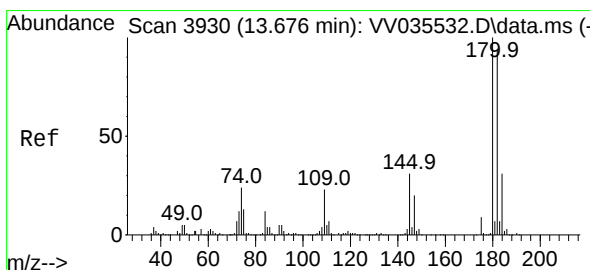
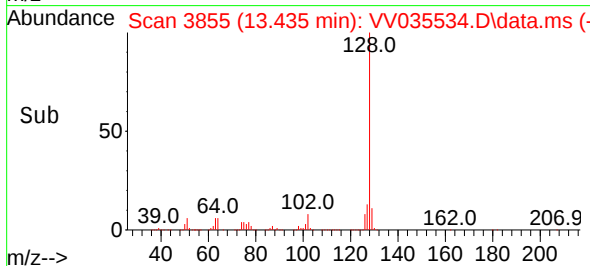
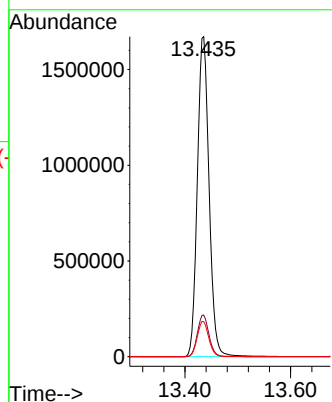
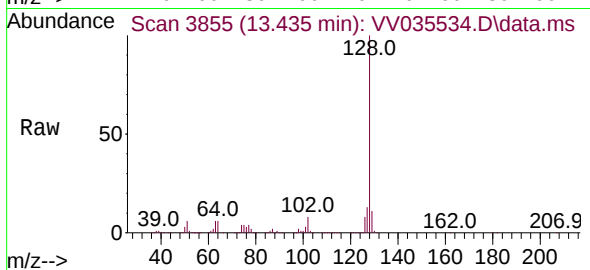
Tgt Ion:128 Resp: 2573122

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 98.553 ug/L

RT: 13.677 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035534.D

Acq: 06 May 2024 13:57

Tgt Ion:180 Resp: 1207599

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

145 31.4 25.2 37.8

