

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051524\
 Data File : VV035602.D
 Acq On : 14 May 2024 10:36
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 02:02:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 02:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	237995	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	247714	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131539	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	74780	3.623	ug/L	0.00
7) Chloroethane-d5	1.529	69	67626	4.110	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	32976	3.722	ug/L	0.00
20) 2-Butanone-d5	3.834	46	162638	44.717	ug/L	0.00
24) Chloroform-d	4.246	84	159850	4.716	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	74182	4.630	ug/L	0.00
32) Benzene-d6	4.960	84	290560	4.347	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	90353	4.317	ug/L	0.00
41) Toluene-d8	7.239	98	269702	4.503	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	32436	4.362	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	149549	47.596	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	74059	4.568	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	97036	4.320	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	93267	4.314	ug/L	100
3) Chloromethane	1.214	50	103002	4.082	ug/L	100
5) Vinyl chloride	1.281	62	107107	4.305	ug/L	100
6) Bromomethane	1.487	94	70174	4.781	ug/L	100
8) Chloroethane	1.548	64	67749	4.407	ug/L	100
9) Trichlorofluoromethane	1.712	101	135699	4.549	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	85088	4.616	ug/L	100
12) 1,1-Dichloroethene	2.066	96	79722	4.519	ug/L	100
13) Acetone	2.153	43	118795	46.141	ug/L	100
14) Carbon disulfide	2.236	76	233898	4.275	ug/L	100
15) Methyl Acetate	2.391	43	28288	4.275	ug/L	100
16) Methylene chloride	2.445	84	94313	4.239	ug/L	100
17) Methyl tert-butyl Ether	2.706	73	192950	4.786	ug/L	100
18) trans-1,2-Dichloroethene	2.690	96	85815	4.736	ug/L	100
19) 1,1-Dichloroethane	3.108	63	171225	4.714	ug/L	100
21) 2-Butanone	3.908	43	167042	40.934	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	89095	4.759	ug/L	100
23) Bromochloromethane	4.146	128	44818	5.194	ug/L	100
25) Chloroform	4.275	83	177986	4.960	ug/L	100
27) 1,2-Dichloroethane	5.043	62	101076	4.839	ug/L	100
29) 1,1,1-Trichloroethane	4.510	97	147255	4.818	ug/L	100
30) Cyclohexane	4.577	56	104762	3.794	ug/L	100
31) Carbon tetrachloride	4.731	117	128451	4.892	ug/L	100
33) Benzene	5.008	78	351757	4.661	ug/L	100
34) Trichloroethene	5.831	95	96787	4.837	ug/L	100
35) Methylcyclohexane	6.047	83	120100	4.131	ug/L	100
37) 1,2-Dichloropropane	6.092	63	92686	4.659	ug/L	100
38) Bromodichloromethane	6.432	83	121626	4.949	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	119486	4.552	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	467257	45.302	ug/L	100
42) Toluene	7.313	91	381637	4.872	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	106562	4.942	ug/L	100

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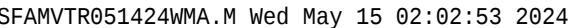
Quant Time: May 15 02:02:43 2024
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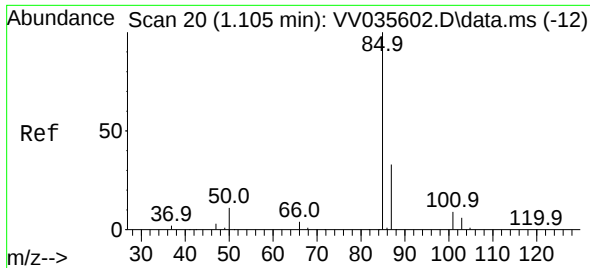
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	73193	5.171	ug/L	100
47) Tetrachloroethene	7.902	164	76375	4.798	ug/L	100
48) 2-Hexanone	8.075	43	347579	45.506	ug/L	100
49) Dibromochloromethane	8.175	129	79296	5.326	ug/L	100
50) 1,2-Dibromoethane	8.281	107	67196	5.055	ug/L	100
51) Chlorobenzene	8.812	112	247774	4.827	ug/L	100
52) Ethylbenzene	8.943	91	373209	4.496	ug/L	100
53) m,p-Xylene	9.072	106	146840	4.754	ug/L	100
54) o-Xylene	9.477	106	139136	4.674	ug/L	100
55) Styrene	9.493	104	256068	5.088	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	77591	4.592	ug/L	100
59) Bromoform	9.664	173	44507	5.532	ug/L	100
60) Isopropylbenzene	9.866	105	373321	4.587	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	59665	4.624	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	280725	4.311	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	290174	4.502	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	201518	4.829	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	203522	4.662	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	188064	4.844	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	12496	4.867	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	145146	4.623	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	113645	4.340	ug/L	100
71) Naphthalene	13.438	128	161655	4.266	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	108480	4.640	ug/L	100

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

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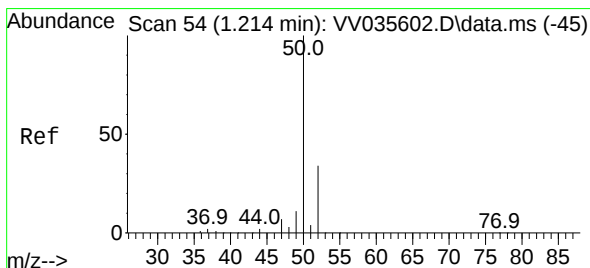
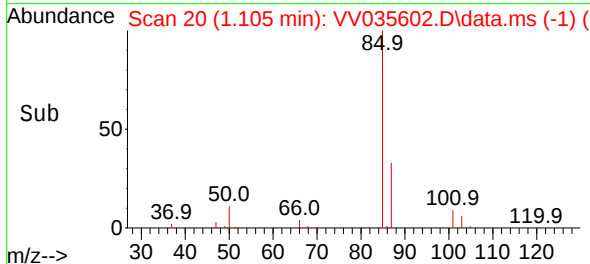
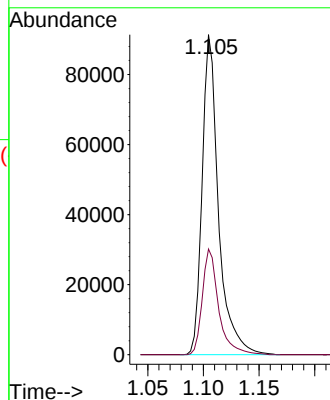
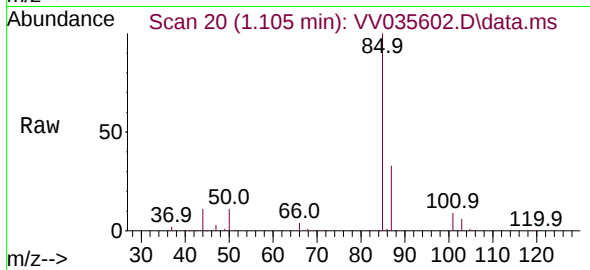




#2
 Dichlorodifluoromethane
 Concen: 4.314 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035602.D
 Acq: 14 May 2024 10:36

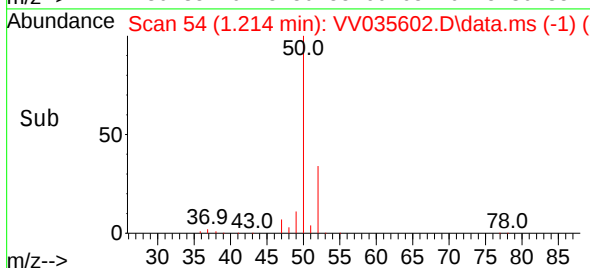
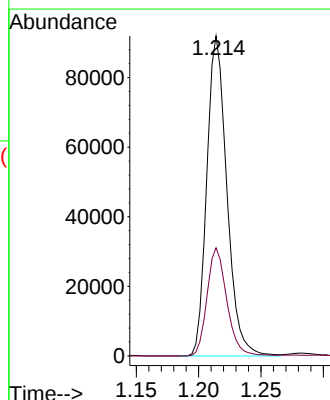
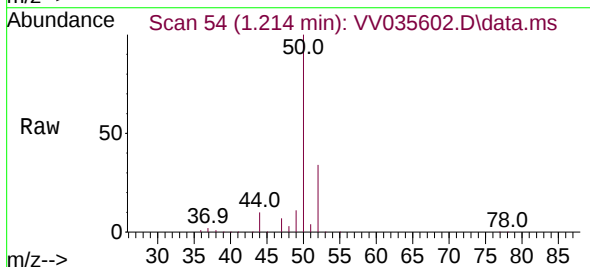
Instrument :
 MSVOA_V
 ClientSampleId :

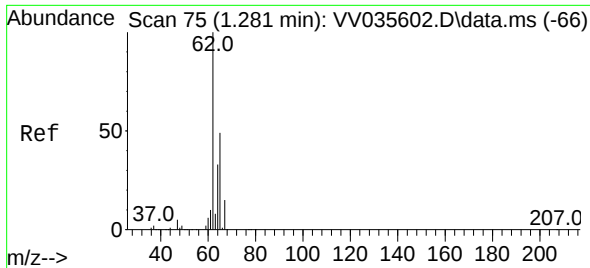
Tgt Ion: 85 Resp: 93267
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.4 39.6



#3
 Chloromethane
 Concen: 4.082 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035602.D
 Acq: 14 May 2024 10:36

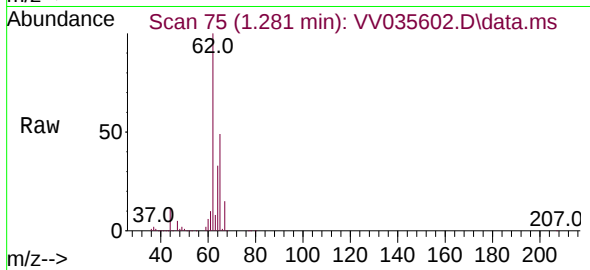
Tgt Ion: 50 Resp: 103002
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9



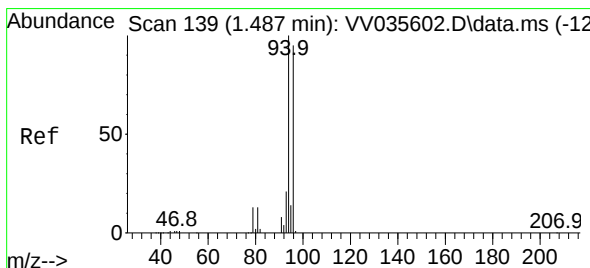
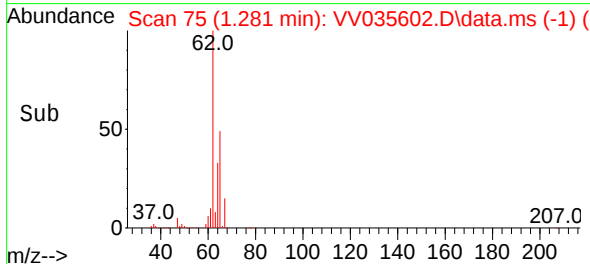
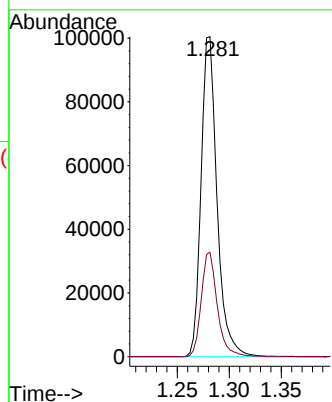


#5
 Vinyl chloride
 Concen: 4.305 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035602.D
 Acq: 14 May 2024 10:36

Instrument :
 MSVOA_V
 ClientSampleId :

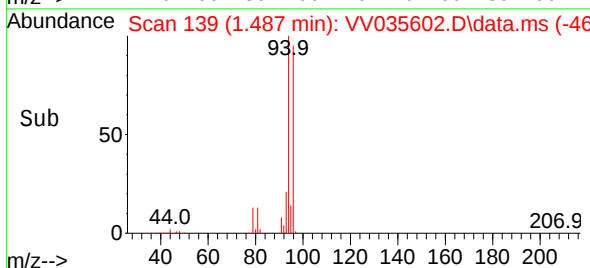
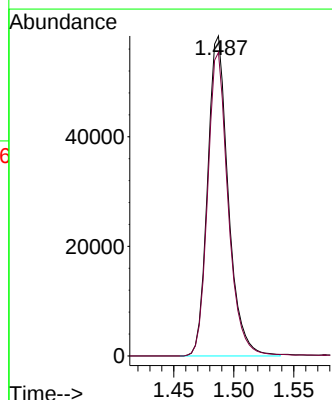
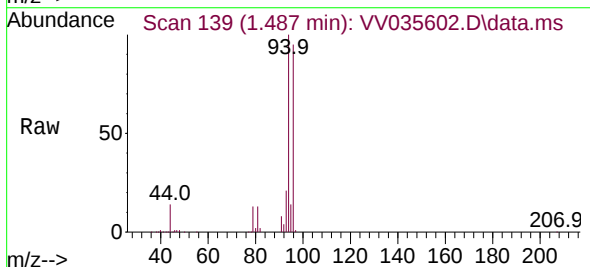


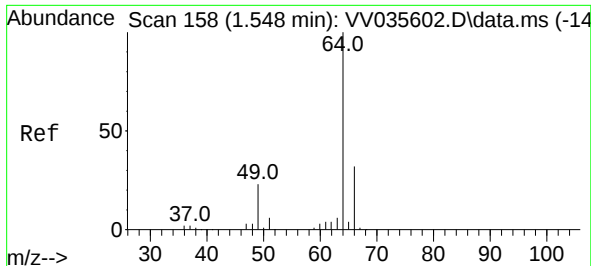
Tgt Ion: 62 Resp: 107107
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 4.781 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035602.D
 Acq: 14 May 2024 10:36

Tgt Ion: 94 Resp: 70174
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.4 123.4

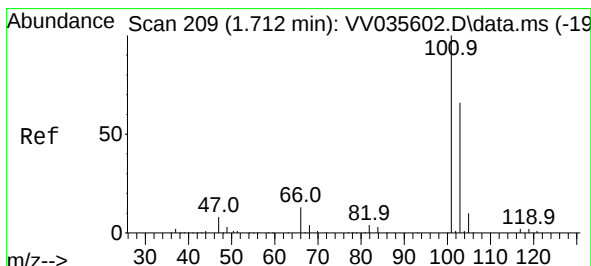
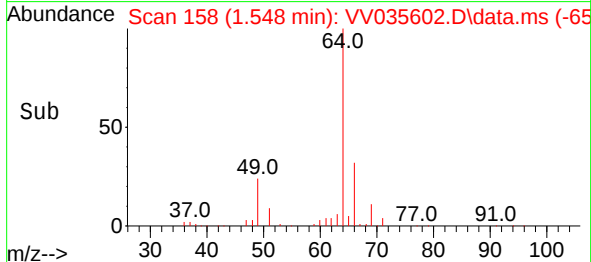
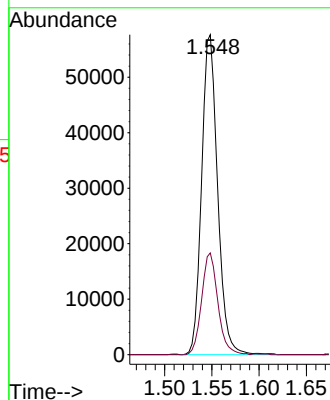
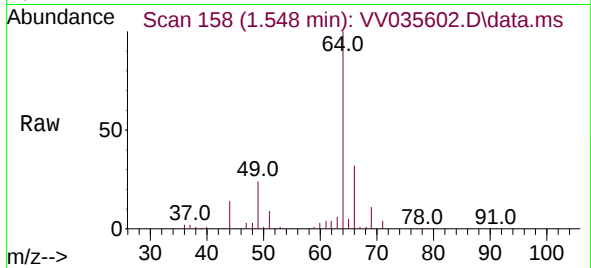




#8
Chloroethane
Concen: 4.407 ug/L
RT: 1.548 min Scan# 158
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

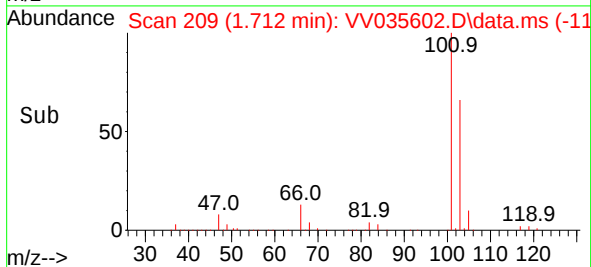
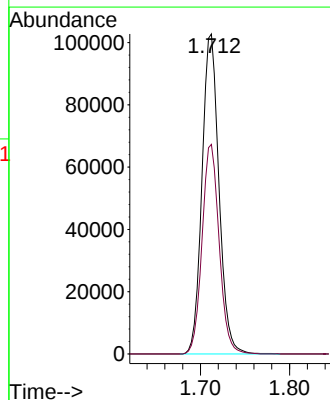
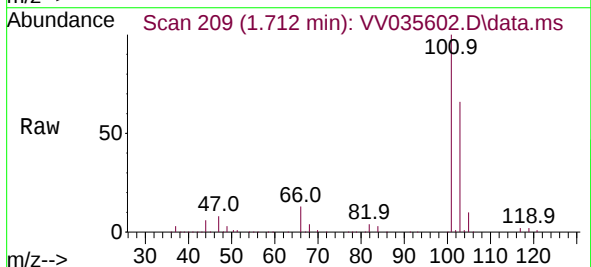
Instrument :
MSVOA_V
ClientSampleId :

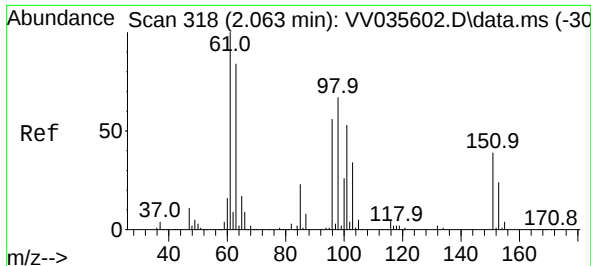
Tgt Ion: 64 Resp: 67749
Ion Ratio Lower Upper
64 100
66 31.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.549 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion:101 Resp: 135699
Ion Ratio Lower Upper
101 100
103 66.0 52.8 79.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.616 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

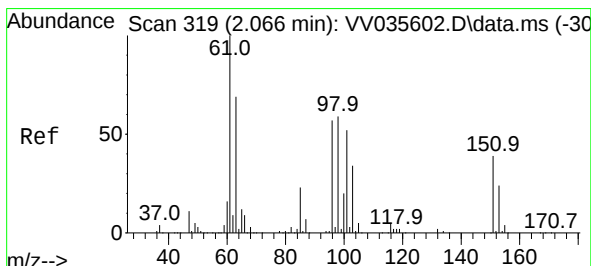
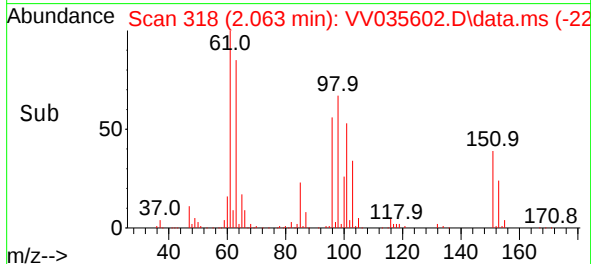
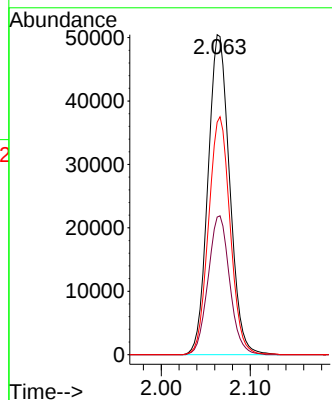
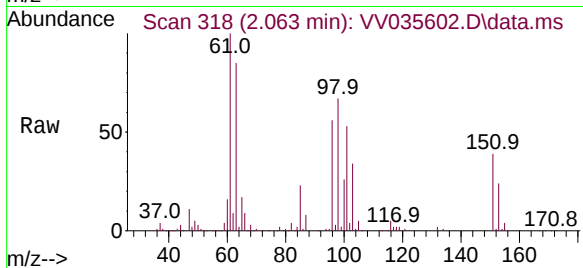
Tgt Ion:101 Resp: 85088

Ion Ratio Lower Upper

101 100

85 43.2 34.6 51.8

151 74.1 59.3 88.9



#12

1,1-Dichloroethene

Concen: 4.519 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

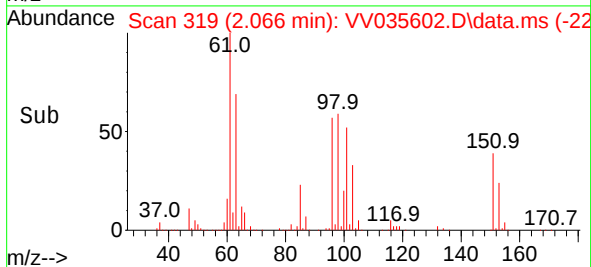
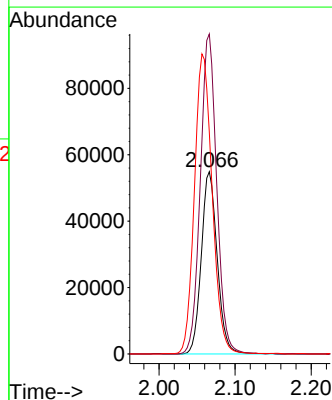
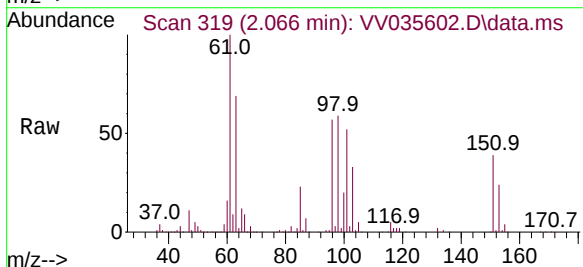
Tgt Ion: 96 Resp: 79722

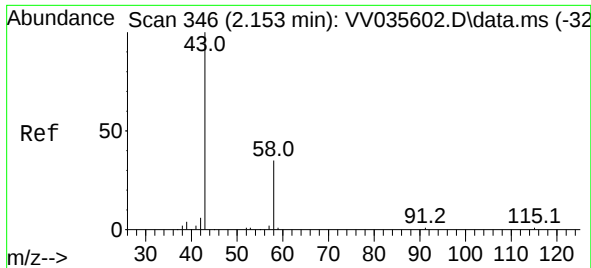
Ion Ratio Lower Upper

96 100

61 175.5 122.8 228.1

63 121.6 85.1 158.1





#13

Acetone

Concen: 46.141 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

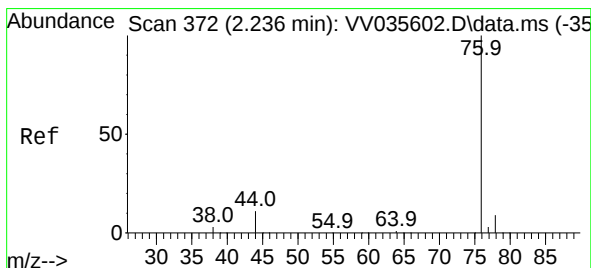
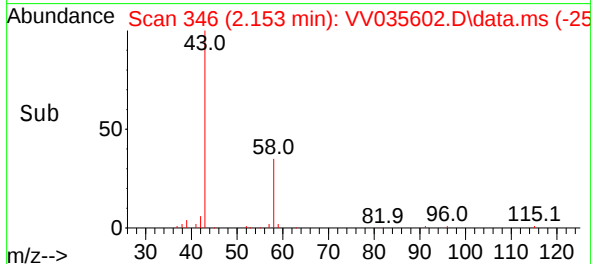
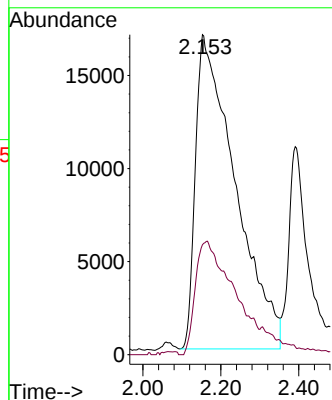
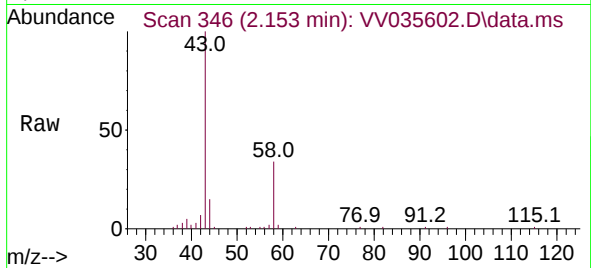
ClientSampleId :

Tgt Ion: 43 Resp: 118795

Ion Ratio Lower Upper

43 100

58 34.6 0.0 69.2



#14

Carbon disulfide

Concen: 4.275 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV035602.D

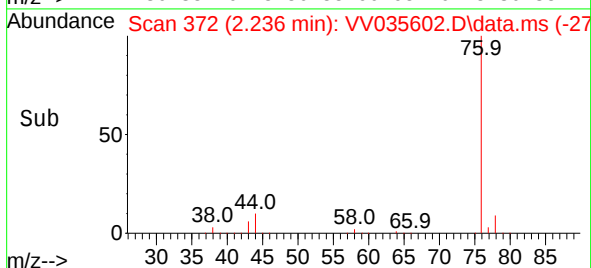
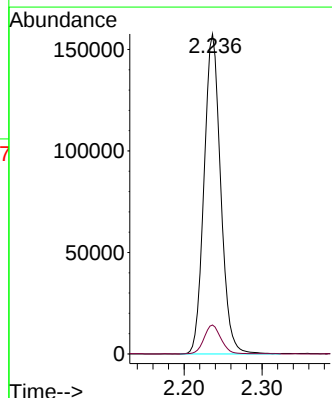
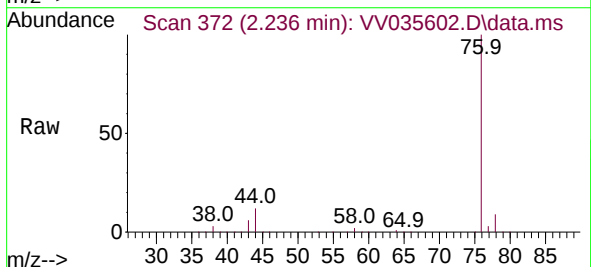
Acq: 14 May 2024 10:36

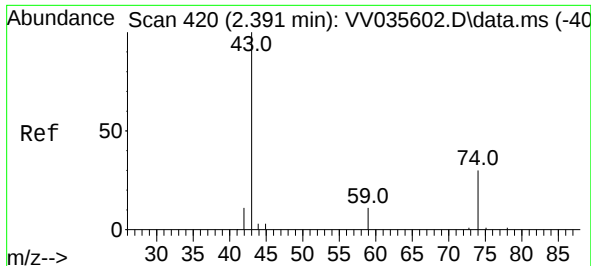
Tgt Ion: 76 Resp: 233898

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 4.275 ug/L

RT: 2.391 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV035602.D

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MSVOA_V

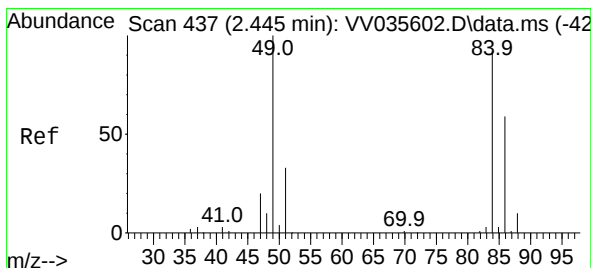
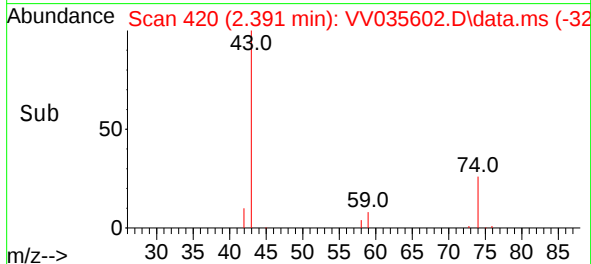
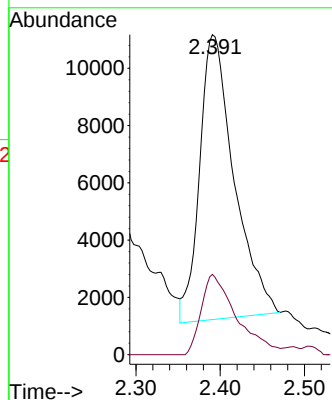
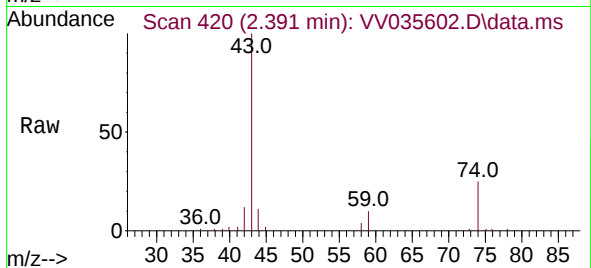
ClientSampleId :

Tgt Ion: 43 Resp: 28288

Ion Ratio Lower Upper

43 100

74 29.0 23.2 34.8



#16

Methylene chloride

Concen: 4.239 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

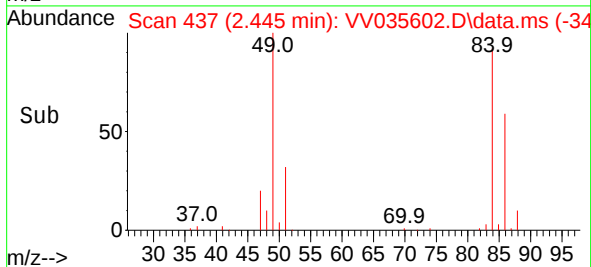
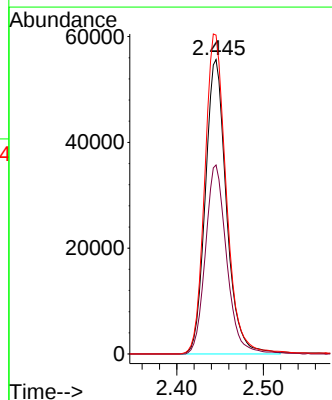
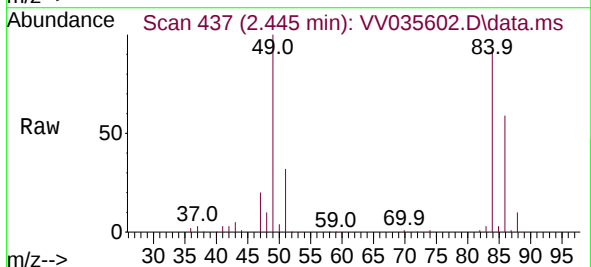
Tgt Ion: 84 Resp: 94313

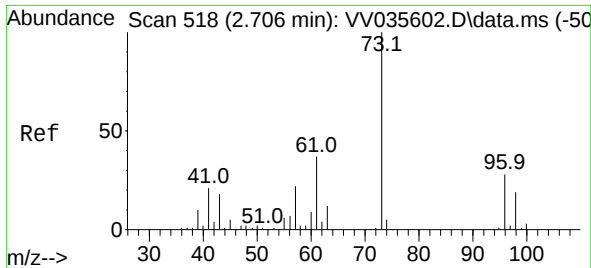
Ion Ratio Lower Upper

84 100

86 64.2 44.9 83.5

49 108.3 75.8 140.8

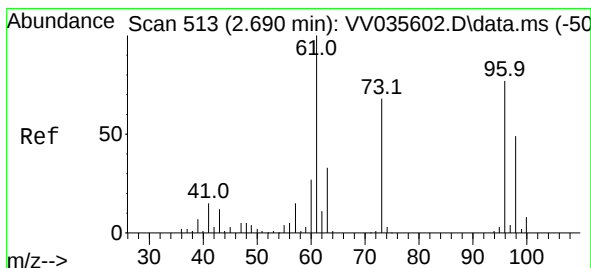
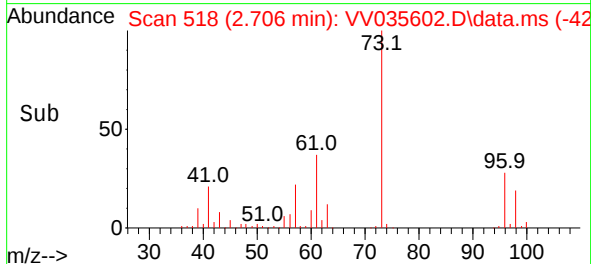
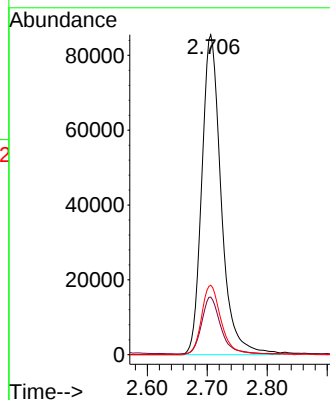
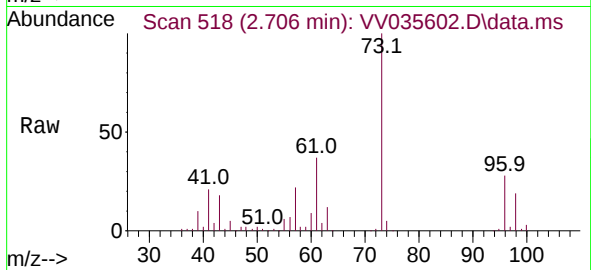




#17
Methyl tert-butyl Ether
Concen: 4.786 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

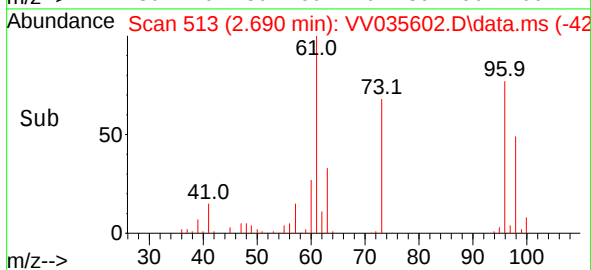
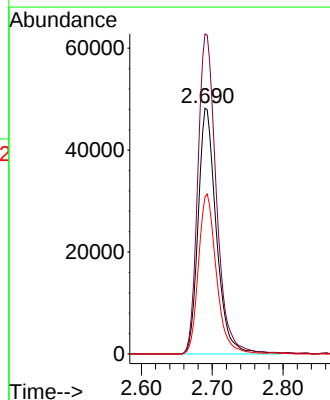
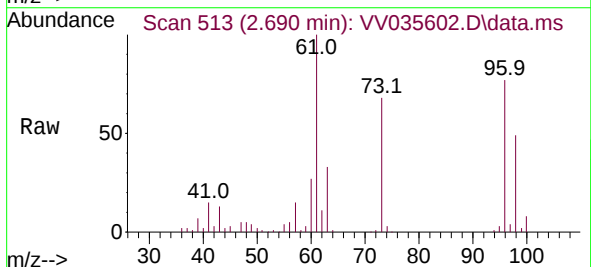
Instrument :
MSVOA_V
ClientSampleId :

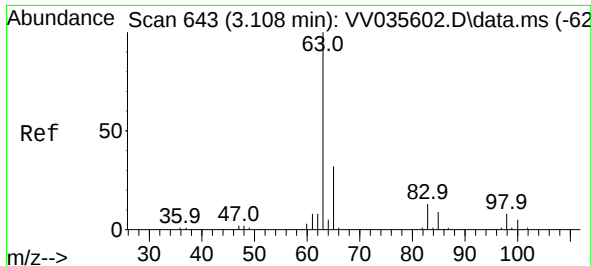
Tgt Ion:	73	Resp:	192950
Ion Ratio	Lower	Upper	
73	100		
43	17.3	13.8	20.8
57	22.1	17.7	26.5



#18
trans-1,2-Dichloroethene
Concen: 4.736 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion:	96	Resp:	85815
Ion Ratio	Lower	Upper	
96	100		
61	130.2	91.1	169.3
98	63.9	44.7	83.1

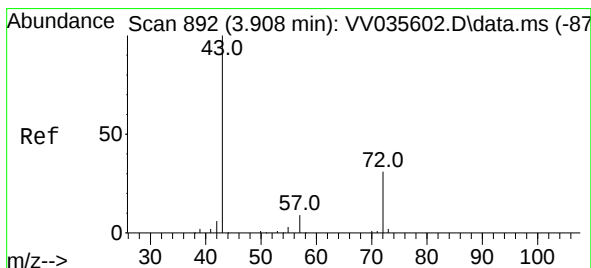
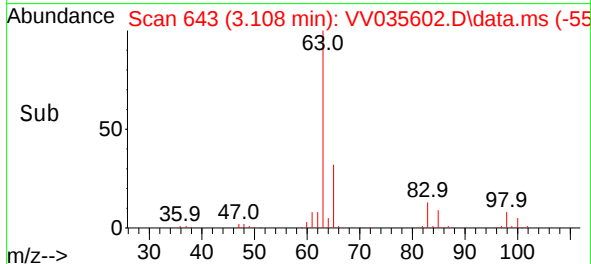
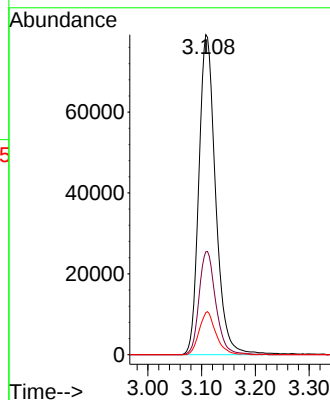
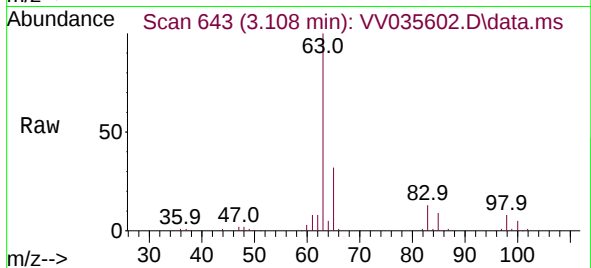




#19
1,1-Dichloroethane
Concen: 4.714 ug/L
RT: 3.108 min Scan# 643
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

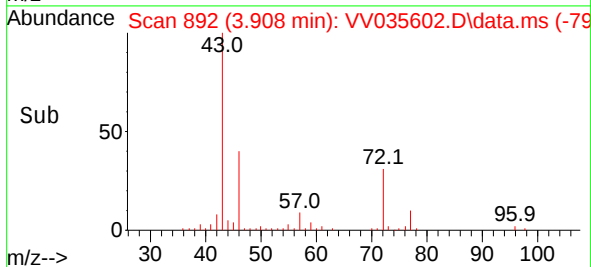
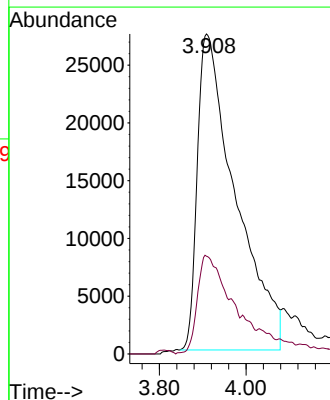
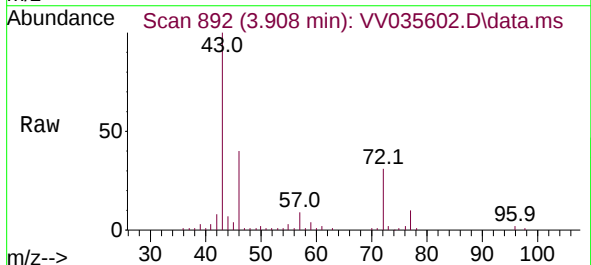
Instrument :
MSVOA_V
ClientSampleId :

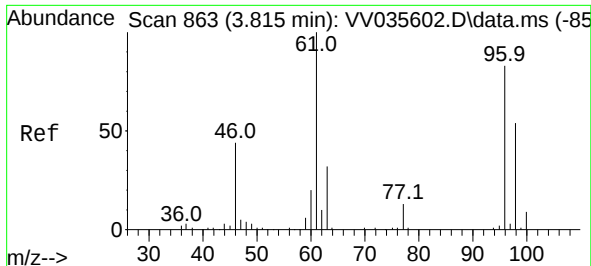
Tgt Ion: 63 Resp: 171225
Ion Ratio Lower Upper
63 100
65 32.2 22.5 41.9
83 13.1 9.2 17.0



#21
2-Butanone
Concen: 40.934 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 43 Resp: 167042
Ion Ratio Lower Upper
43 100
72 24.1 12.0 36.1





#22

cis-1,2-Dichloroethene

Concen: 4.759 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

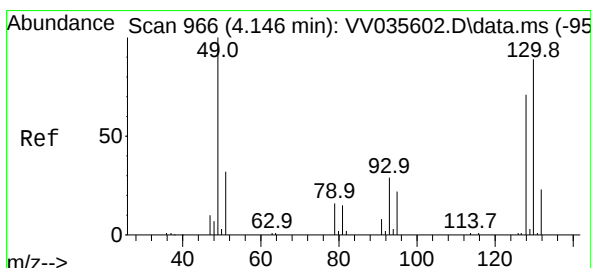
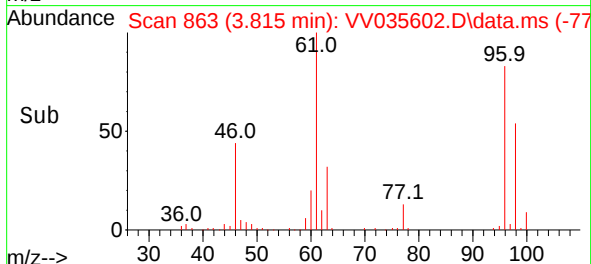
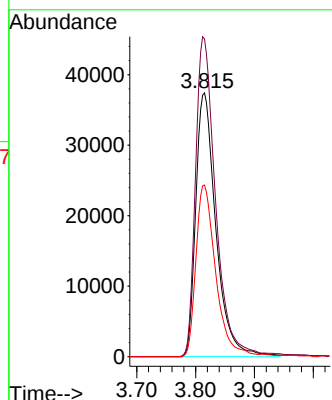
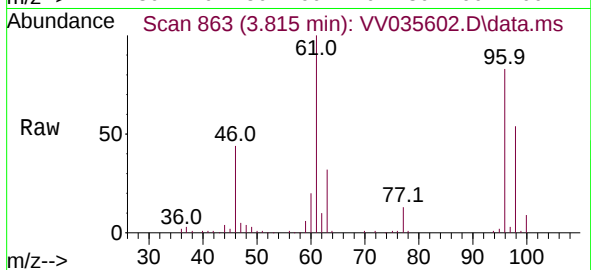
Tgt Ion: 96 Resp: 89095

Ion Ratio Lower Upper

96 100

61 120.4 84.3 156.5

98 65.1 45.6 84.6



#23

Bromochloromethane

Concen: 5.194 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Tgt Ion:128 Resp: 44818

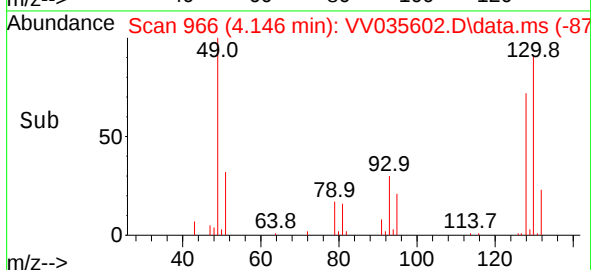
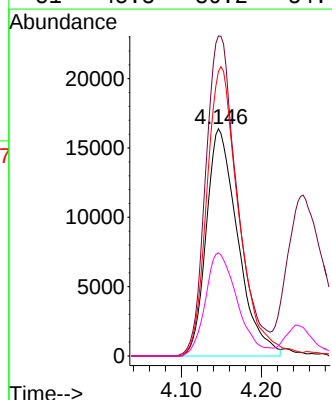
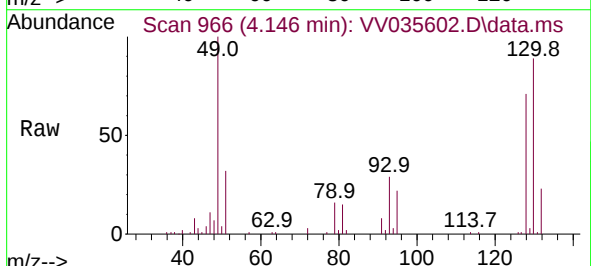
Ion Ratio Lower Upper

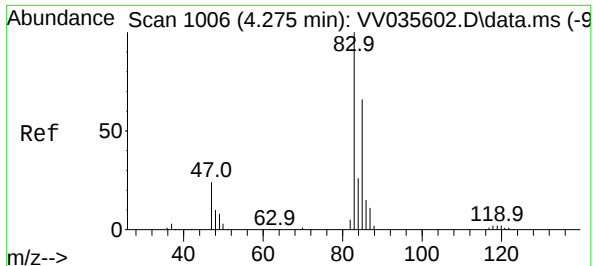
128 100

49 140.8 98.6 183.0

130 125.2 87.6 162.8

51 45.3 36.2 54.4





#25

Chloroform

Concen: 4.960 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

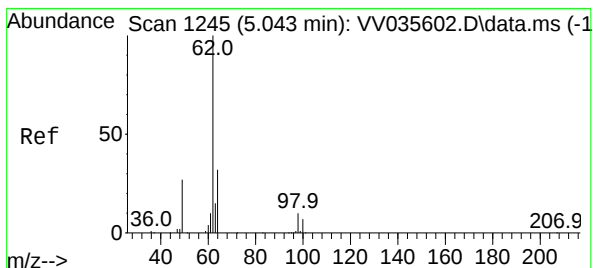
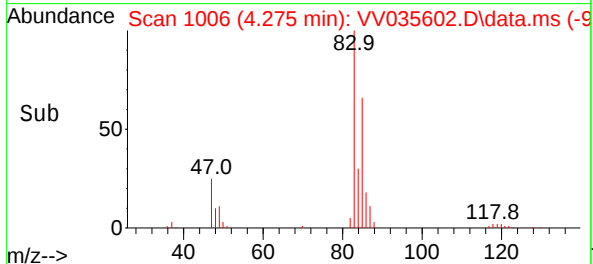
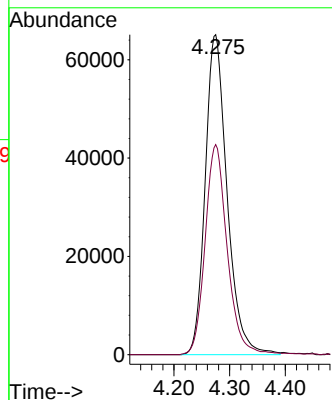
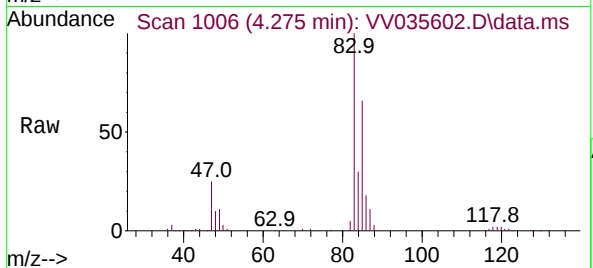
ClientSampleId :

Tgt Ion: 83 Resp: 177986

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3



#27

1,2-Dichloroethane

Concen: 4.839 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. 0.000 min

Lab File: VV035602.D

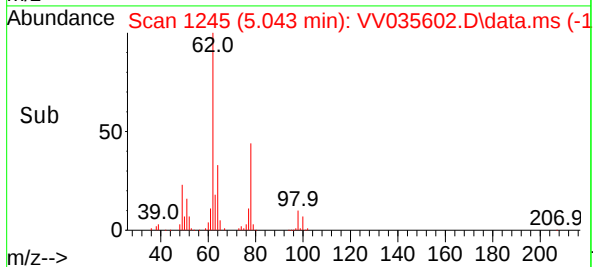
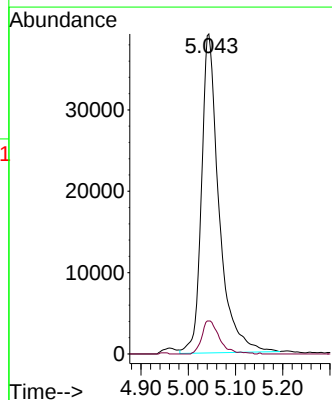
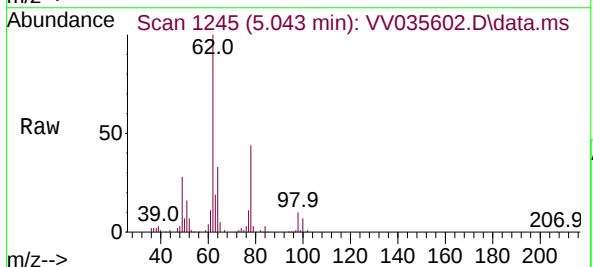
Acq: 14 May 2024 10:36

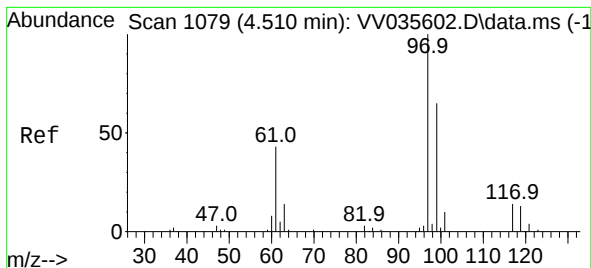
Tgt Ion: 62 Resp: 101076

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 4.818 ug/L

RT: 4.510 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

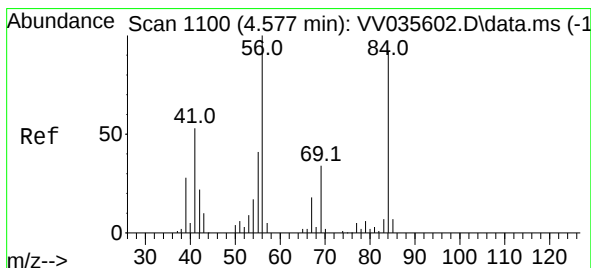
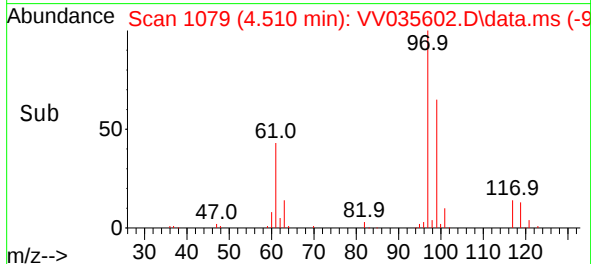
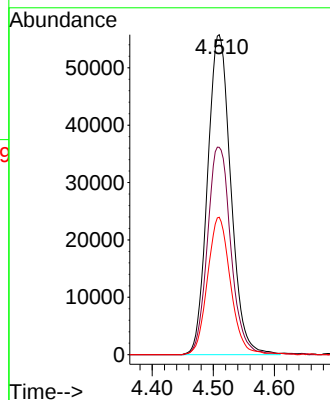
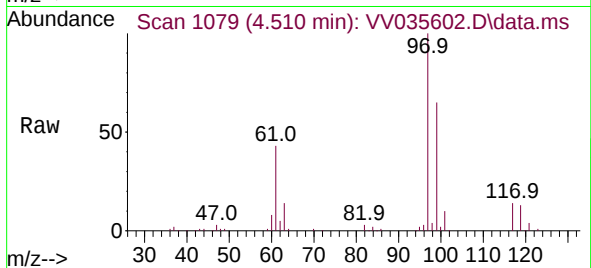
Tgt Ion: 97 Resp: 147255

Ion Ratio Lower Upper

97 100

99 65.5 52.4 78.6

61 42.4 33.9 50.9



#30

Cyclohexane

Concen: 3.794 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

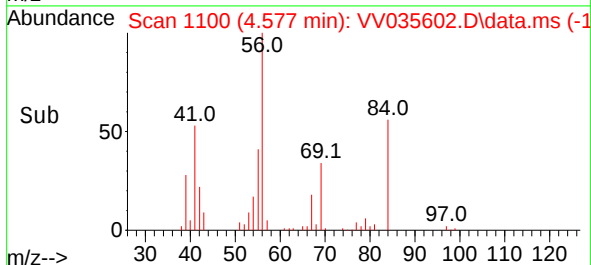
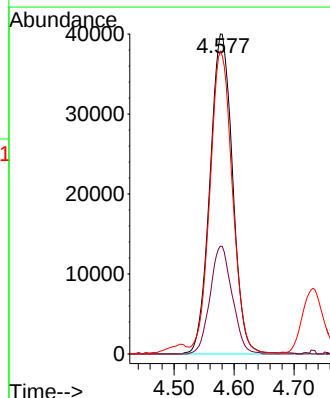
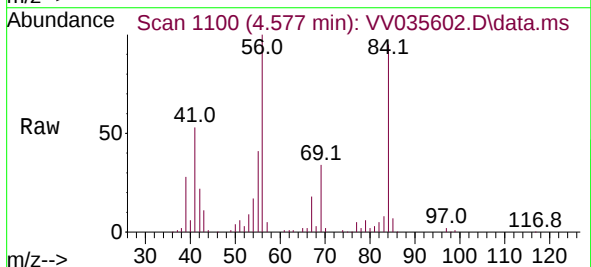
Tgt Ion: 56 Resp: 104762

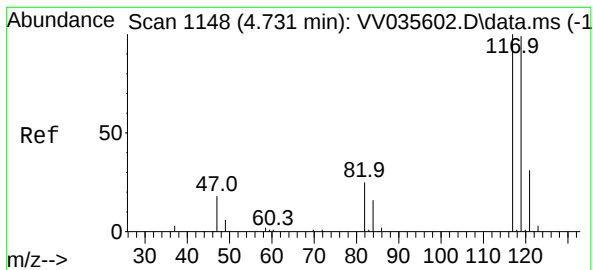
Ion Ratio Lower Upper

56 100

69 33.0 26.4 39.6

84 93.8 75.0 112.6





#31

Carbon tetrachloride

Concen: 4.892 ug/L

RT: 4.731 min Scan# 1148

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

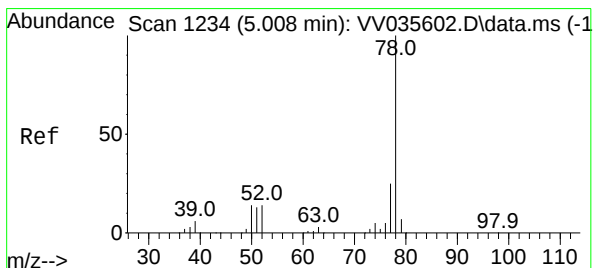
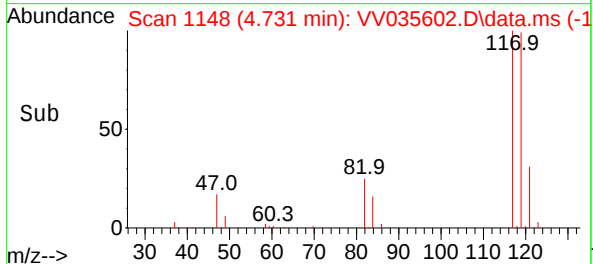
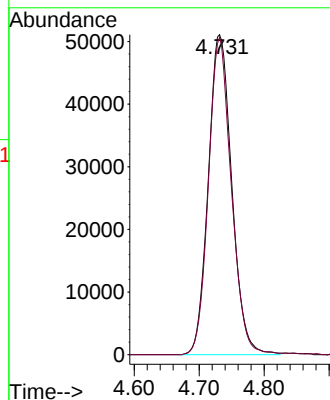
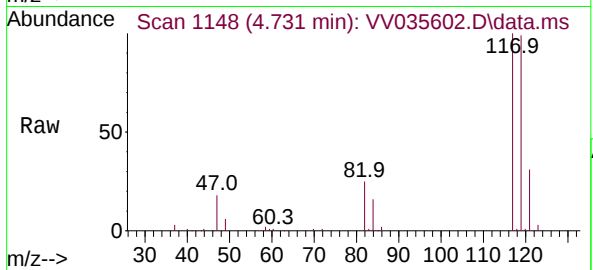
ClientSampleId :

Tgt Ion:117 Resp: 128451

Ion Ratio Lower Upper

117 100

119 96.5 77.2 115.8



#33

Benzene

Concen: 4.661 ug/L

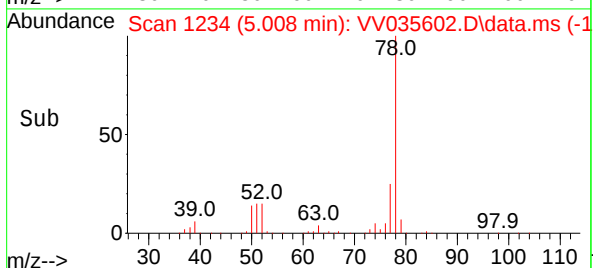
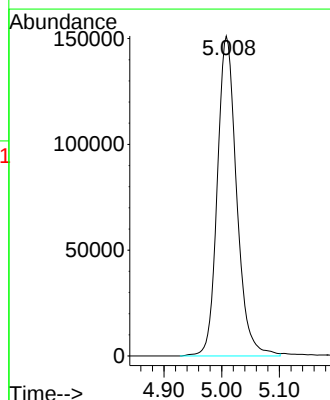
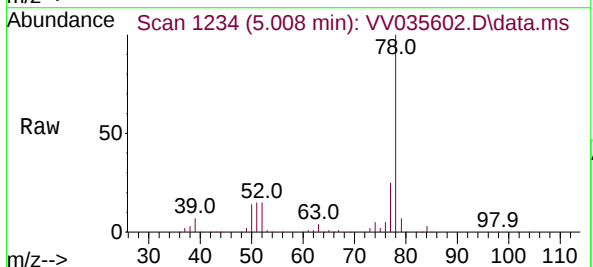
RT: 5.008 min Scan# 1234

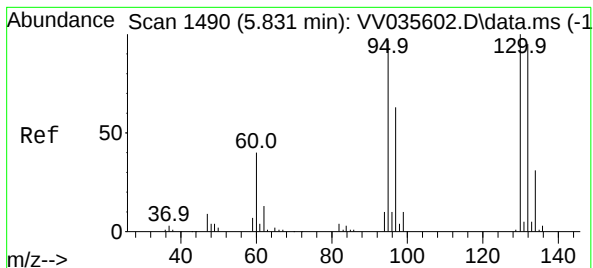
Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Tgt Ion: 78 Resp: 351757





#34

Trichloroethene

Concen: 4.837 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 96787

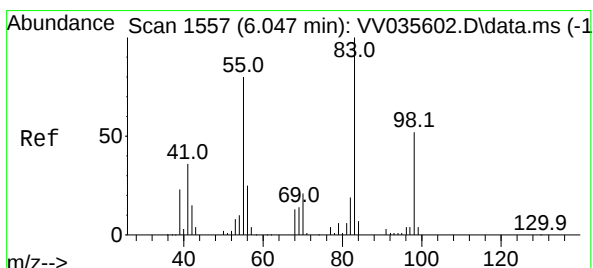
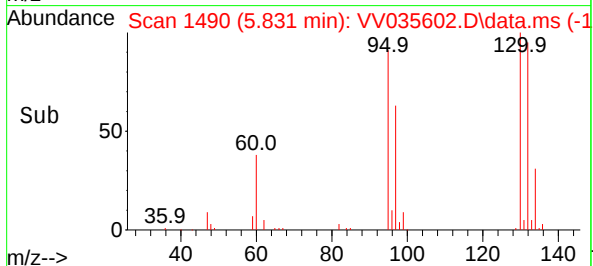
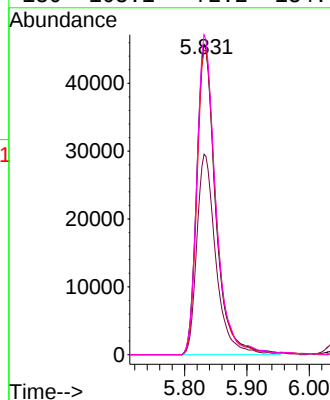
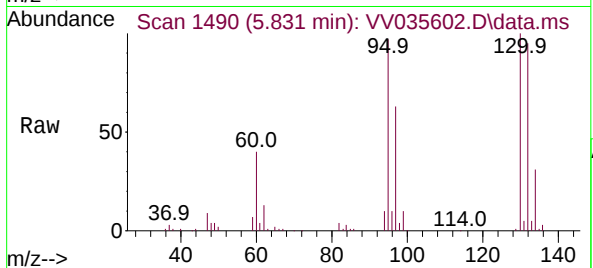
Ion Ratio Lower Upper

95 100

97 64.6 45.2 84.0

132 98.2 68.7 127.7

130 103.1 72.2 134.0



#35

Methylcyclohexane

Concen: 4.131 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

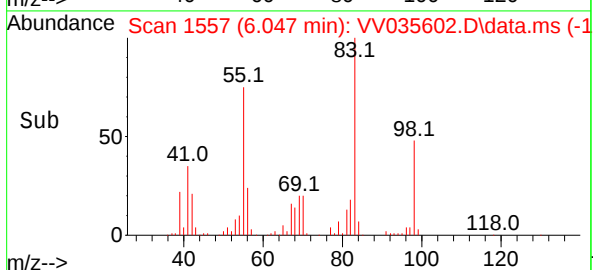
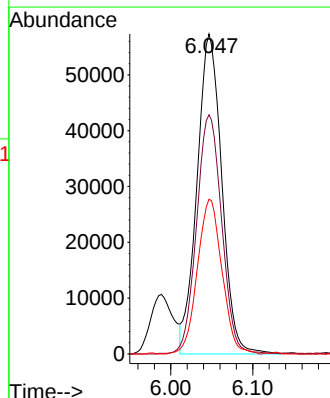
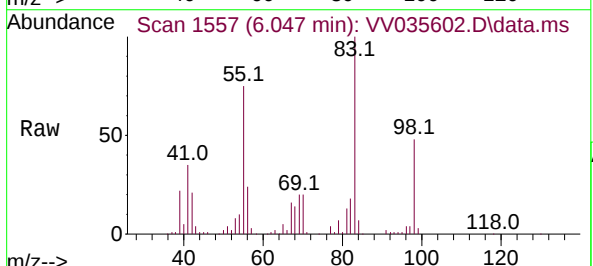
Tgt Ion: 83 Resp: 120100

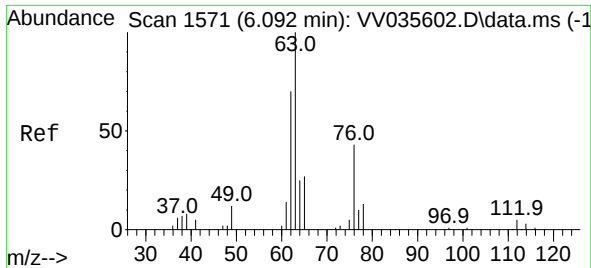
Ion Ratio Lower Upper

83 100

55 75.9 60.7 91.1

98 48.0 38.4 57.6

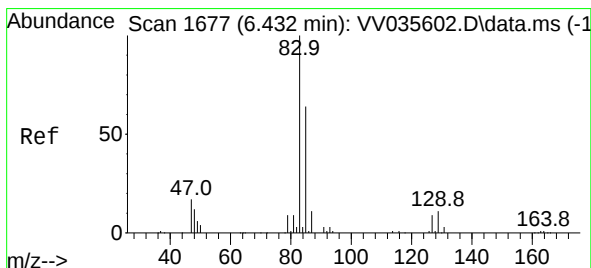
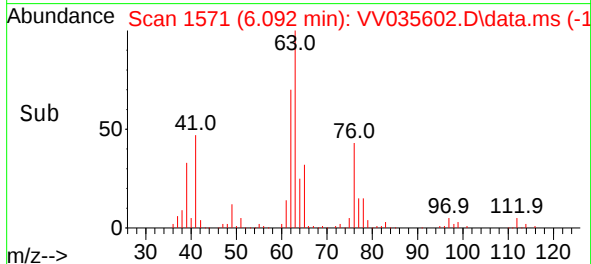
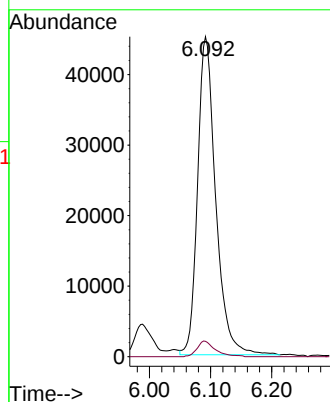
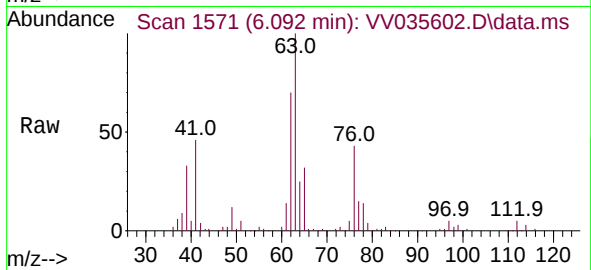




#37
1,2-Dichloropropane
Concen: 4.659 ug/L
RT: 6.092 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

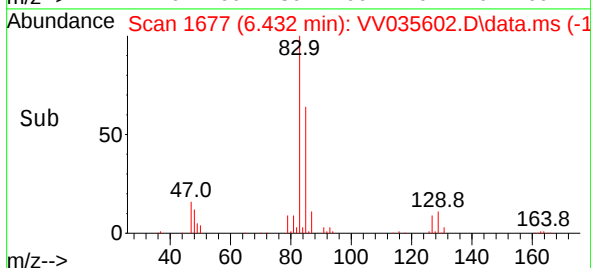
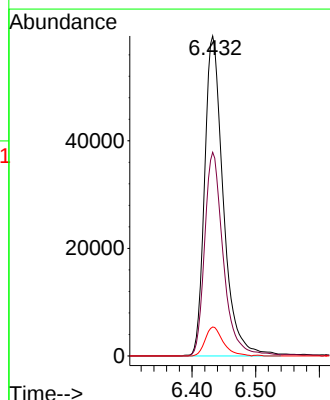
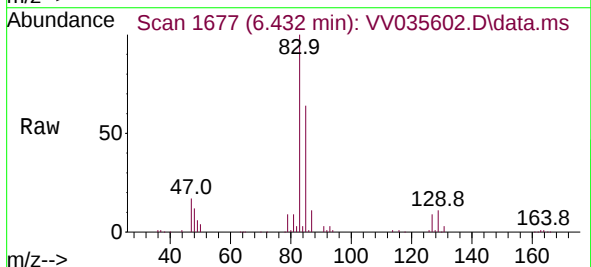
Instrument :
MSVOA_V
ClientSampleId :

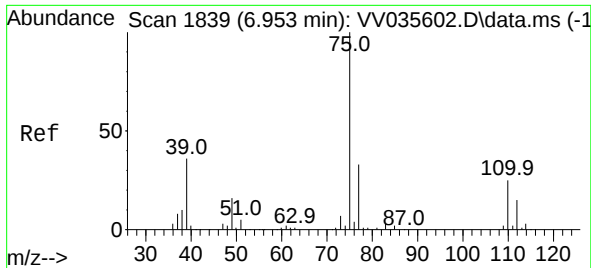
Tgt Ion: 63 Resp: 92686
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9



#38
Bromodichloromethane
Concen: 4.949 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 83 Resp: 121626
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 9.0 7.2 10.8

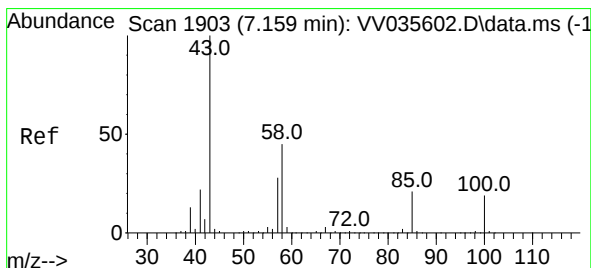
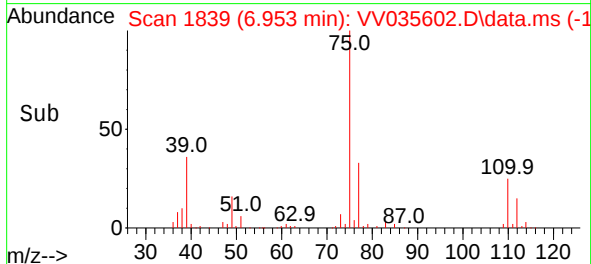
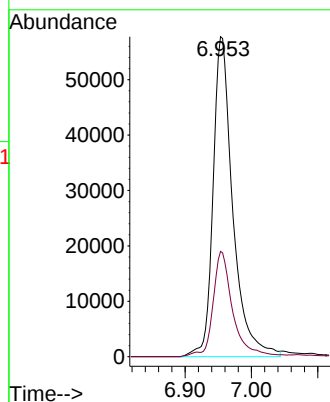
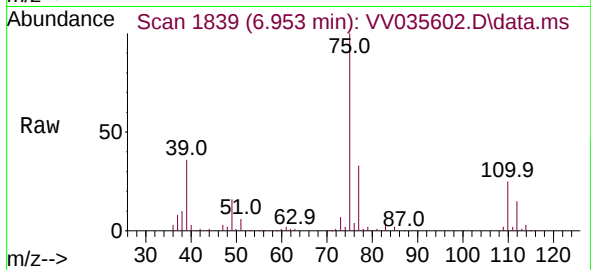




#39
 cis-1,3-Dichloropropene
 Concen: 4.552 ug/L
 RT: 6.953 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: VV035602.D
 Acq: 14 May 2024 10:36

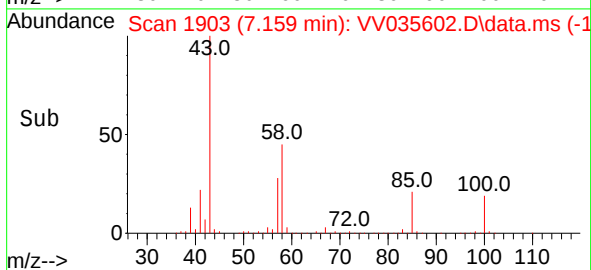
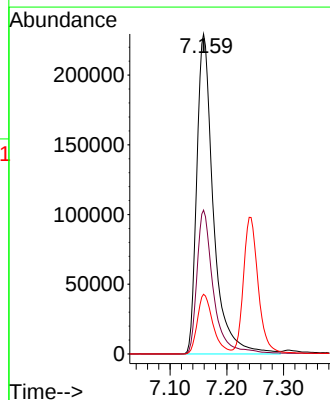
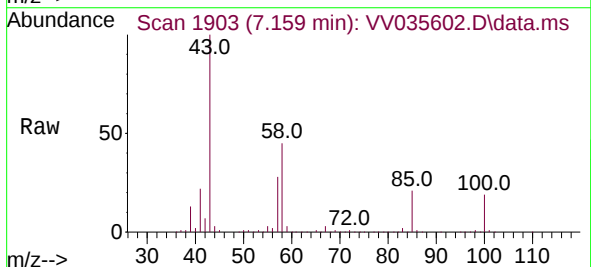
Instrument :
 MSVOA_V
 ClientSampleId :

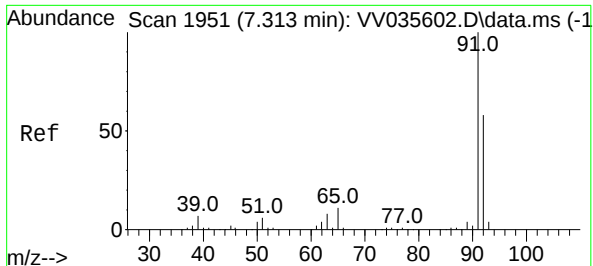
Tgt Ion: 75 Resp: 119486
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 45.302 ug/L
 RT: 7.159 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VV035602.D
 Acq: 14 May 2024 10:36

Tgt Ion: 43 Resp: 467257
 Ion Ratio Lower Upper
 43 100
 58 44.7 35.8 53.6
 100 17.6 14.1 21.1





#42

Toluene

Concen: 4.872 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

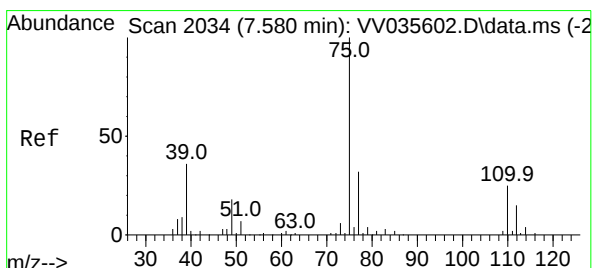
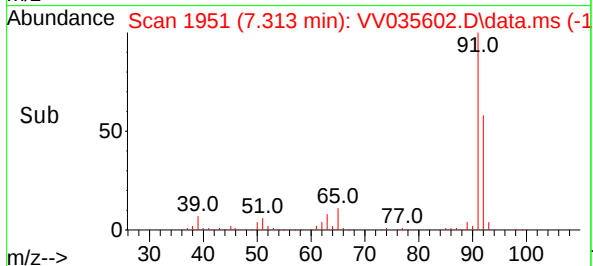
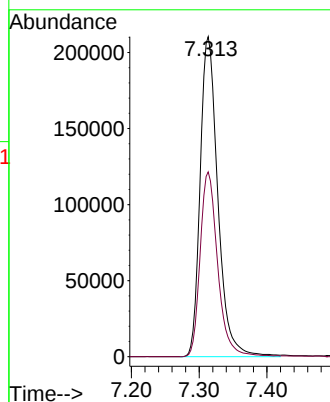
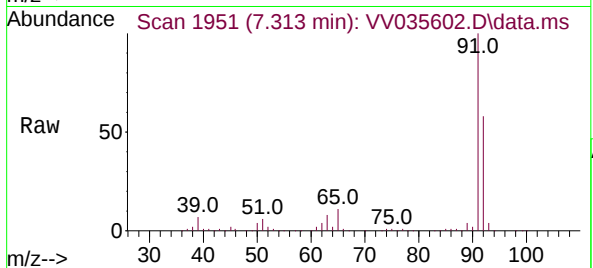
ClientSampleId :

Tgt Ion: 91 Resp: 381637

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 4.942 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.000 min

Lab File: VV035602.D

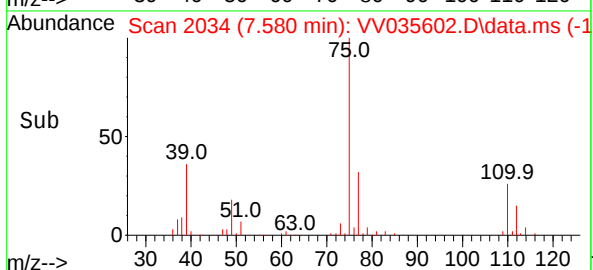
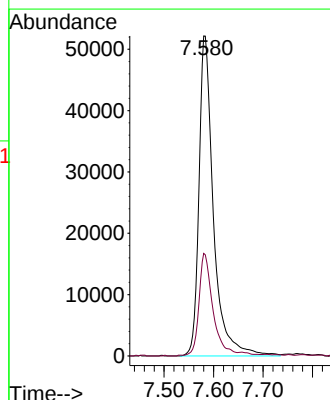
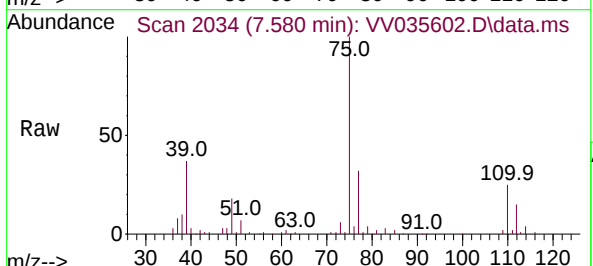
Acq: 14 May 2024 10:36

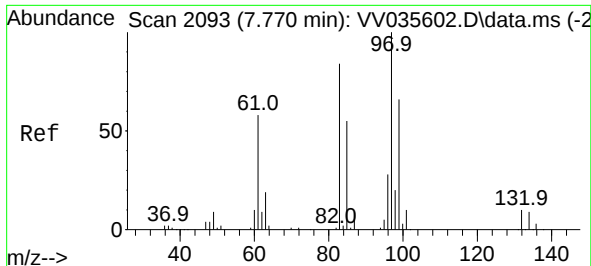
Tgt Ion: 75 Resp: 106562

Ion Ratio Lower Upper

75 100

77 32.0 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 5.171 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 73193

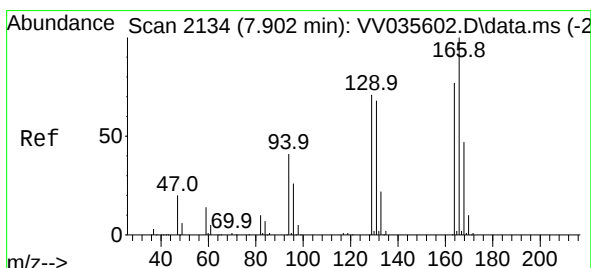
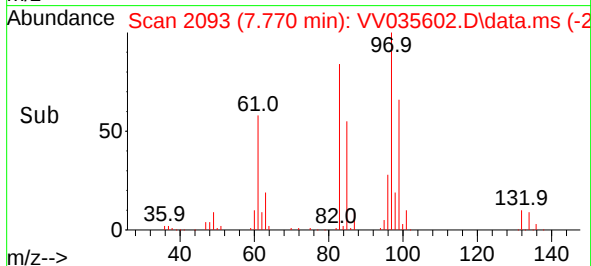
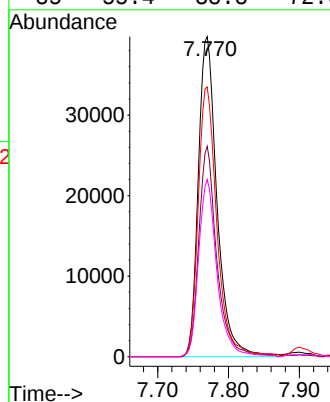
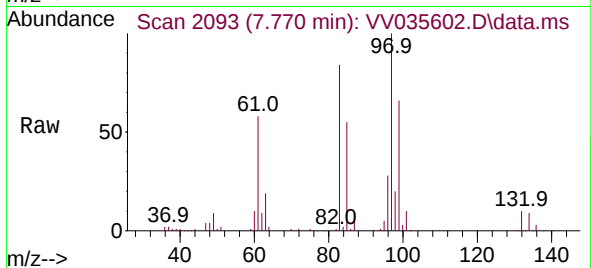
Ion Ratio Lower Upper

97 100

99 65.8 46.1 85.5

83 84.3 59.0 109.6

85 55.4 38.8 72.0



#47

Tetrachloroethene

Concen: 4.798 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Tgt Ion:164 Resp: 76375

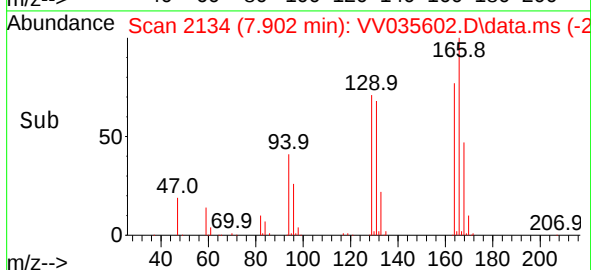
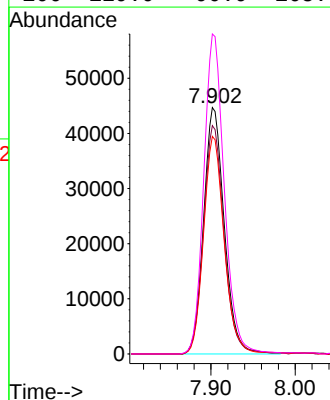
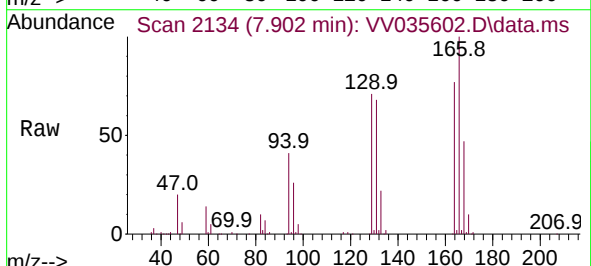
Ion Ratio Lower Upper

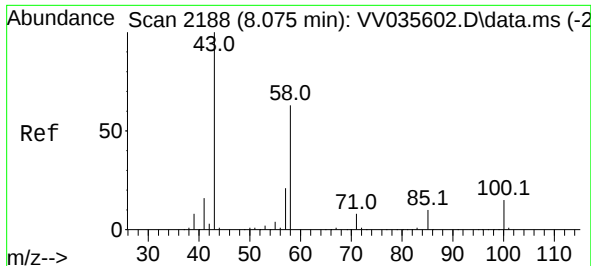
164 100

129 92.7 64.9 120.5

131 88.3 61.8 114.8

166 129.9 90.9 168.9

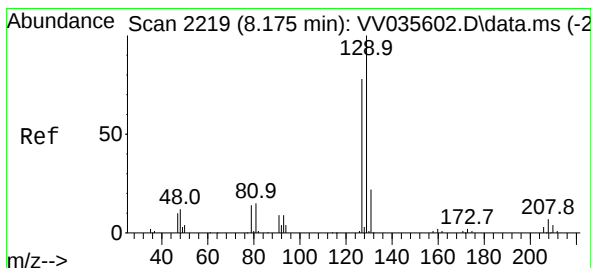
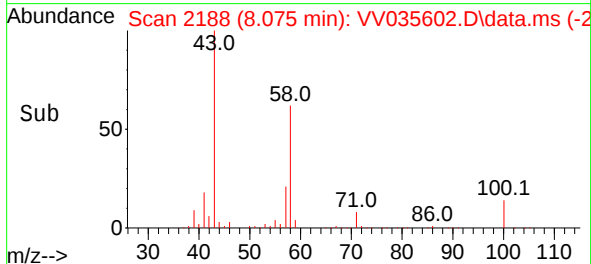
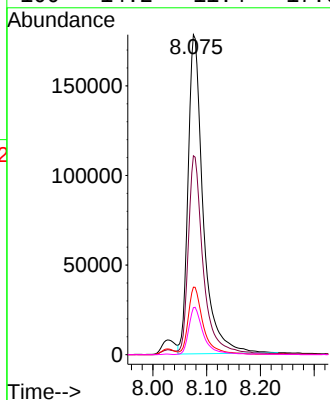
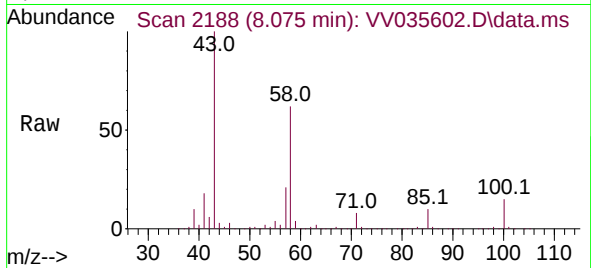




#48
2-Hexanone
Concen: 45.506 ug/L
RT: 8.075 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

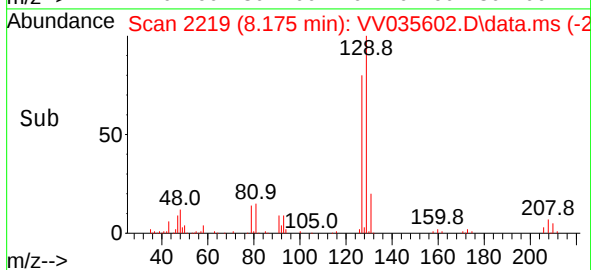
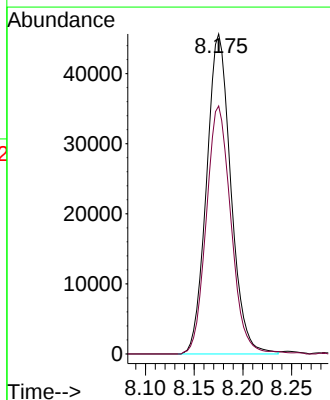
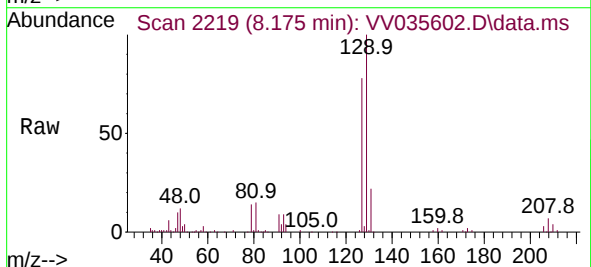
Instrument :
MSVOA_V
ClientSampleId :

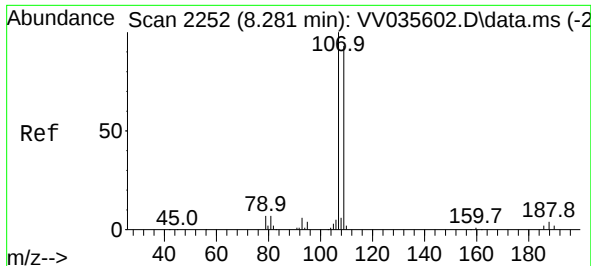
Tgt Ion: 43 Resp: 347579
Ion Ratio Lower Upper
43 100
58 61.4 49.1 73.7
57 21.0 16.8 25.2
100 14.2 11.4 17.0



#49
Dibromochloromethane
Concen: 5.326 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 129 Resp: 79296
Ion Ratio Lower Upper
129 100
127 77.5 54.3 100.8

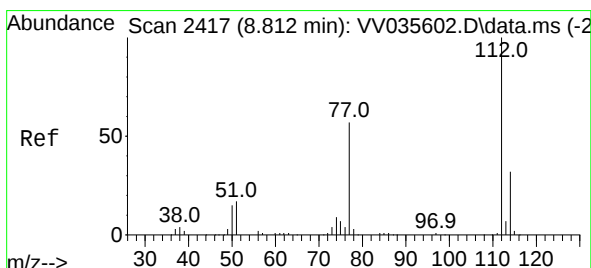
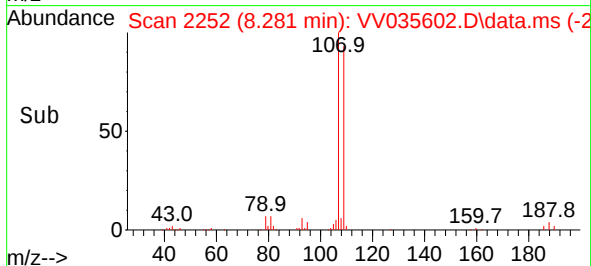
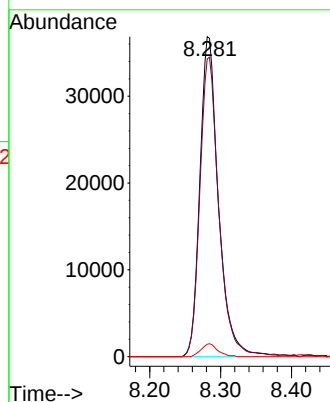
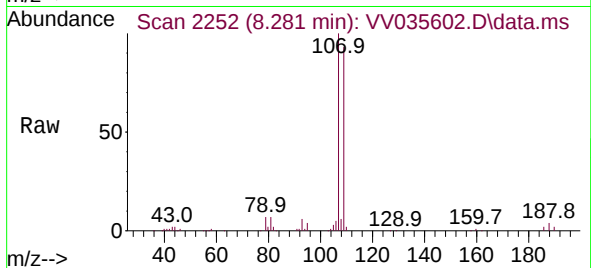




#50
1,2-Dibromoethane
Concen: 5.055 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

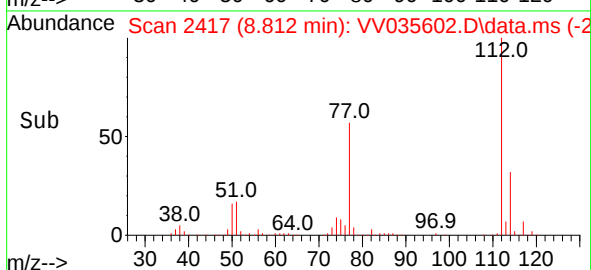
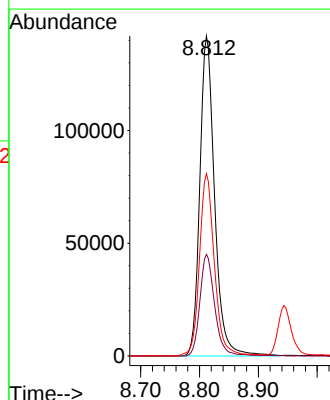
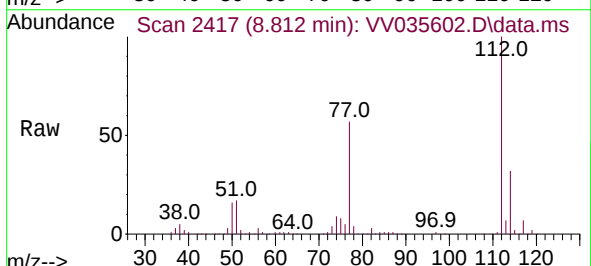
Instrument :
MSVOA_V
ClientSampleId :

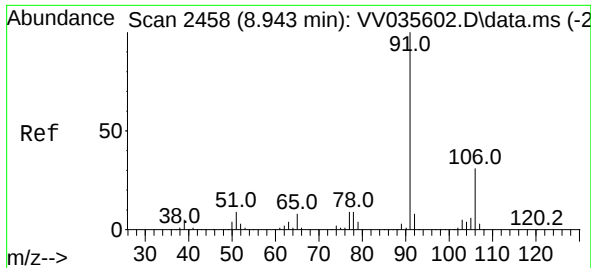
Tgt Ion:107 Resp: 67196
Ion Ratio Lower Upper
107 100
109 93.1 65.2 121.0
188 3.9 3.1 4.7



#51
Chlorobenzene
Concen: 4.827 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion:112 Resp: 247774
Ion Ratio Lower Upper
112 100
114 31.7 22.2 41.2
77 57.0 45.6 68.4

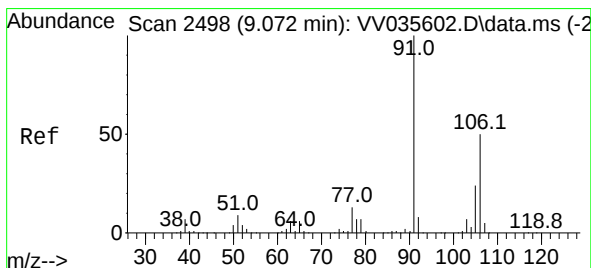
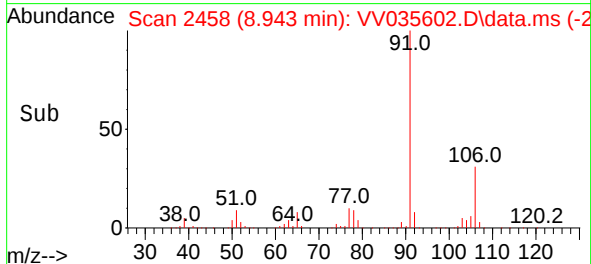
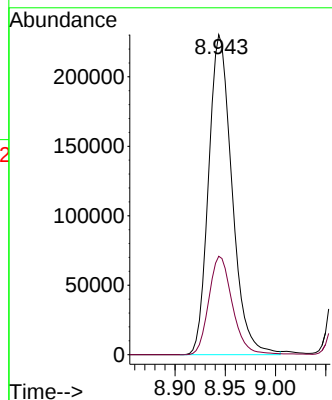
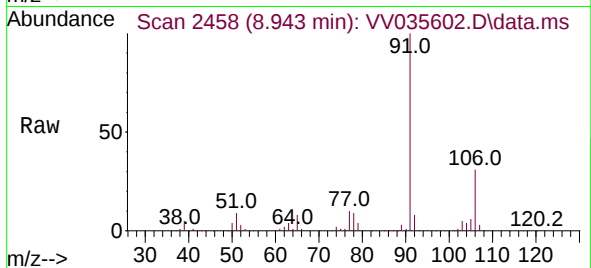




#52
Ethylbenzene
Concen: 4.496 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

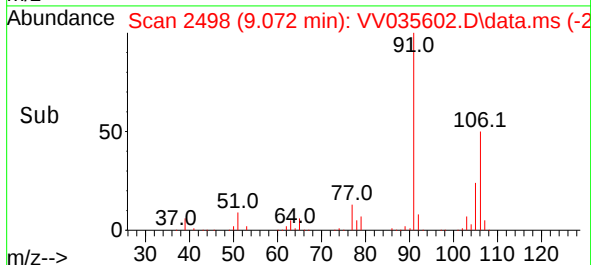
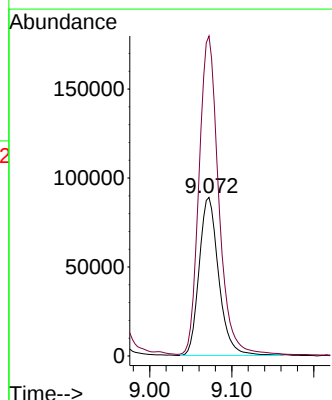
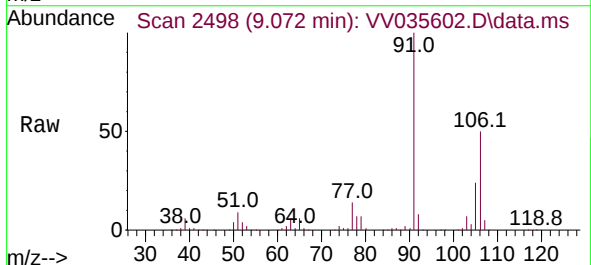
Instrument :
MSVOA_V
ClientSampleId :

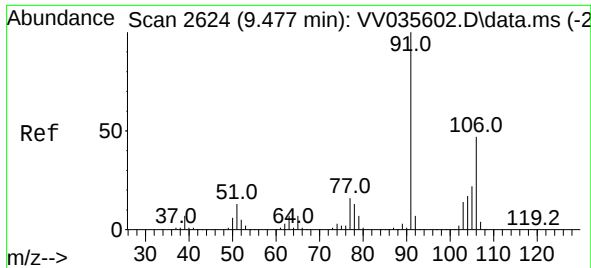
Tgt Ion: 91 Resp: 373209
Ion Ratio Lower Upper
91 100
106 30.7 21.5 39.9



#53
m,p-Xylene
Concen: 4.754 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 106 Resp: 146840
Ion Ratio Lower Upper
106 100
91 201.8 141.3 262.3

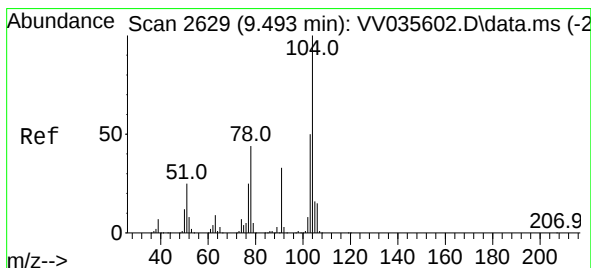
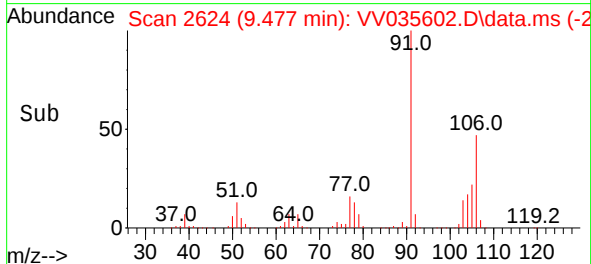
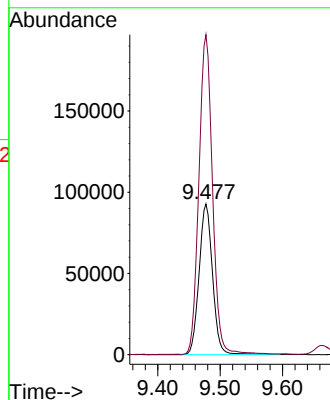
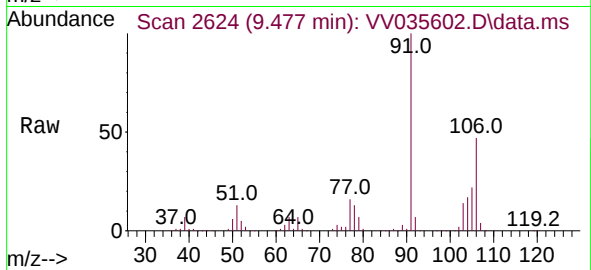




#54
o-Xylene
Concen: 4.674 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

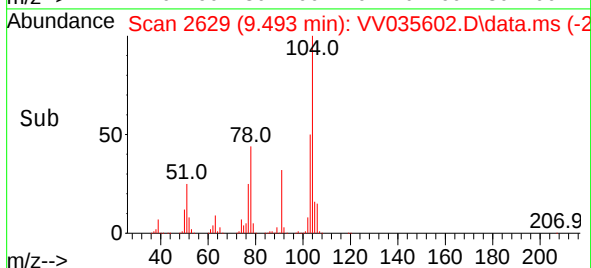
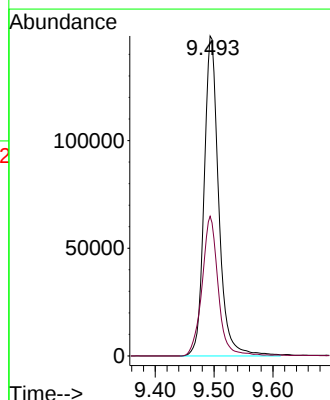
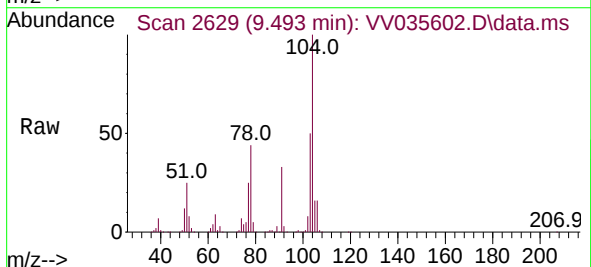
Instrument :
MSVOA_V
ClientSampleId :

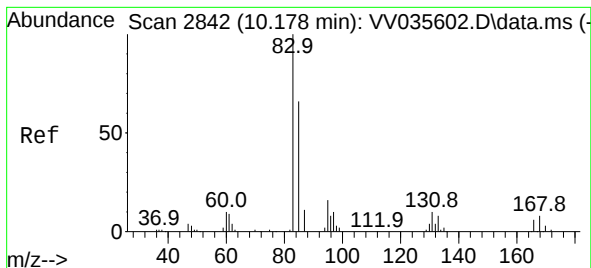
Tgt Ion:106 Resp: 139136
Ion Ratio Lower Upper
106 100
91 212.3 148.6 276.0



#55
Styrene
Concen: 5.088 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion:104 Resp: 256068
Ion Ratio Lower Upper
104 100
78 43.7 30.6 56.8

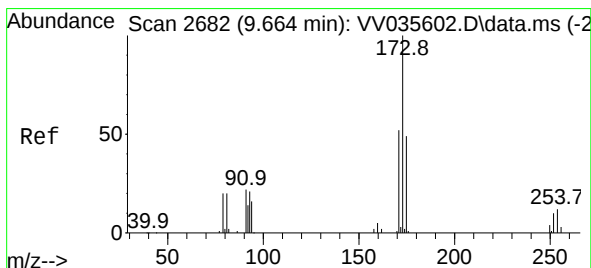
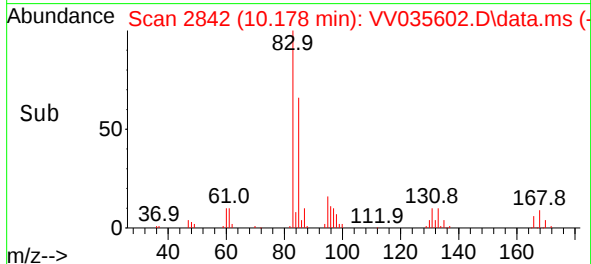
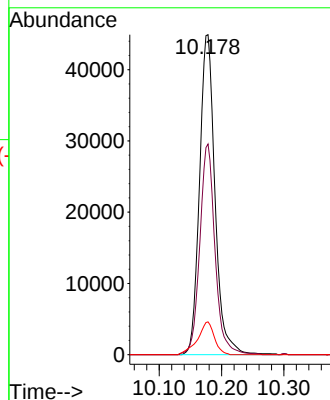
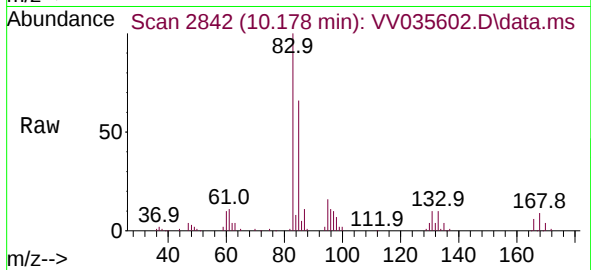




#57
1,1,2,2-Tetrachloroethane
Concen: 4.592 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

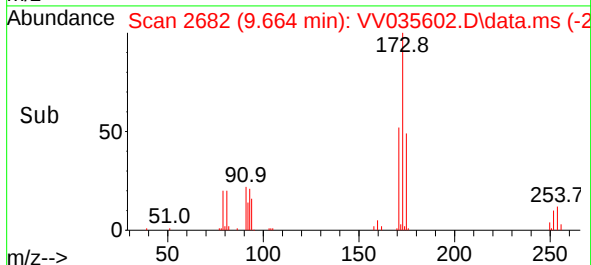
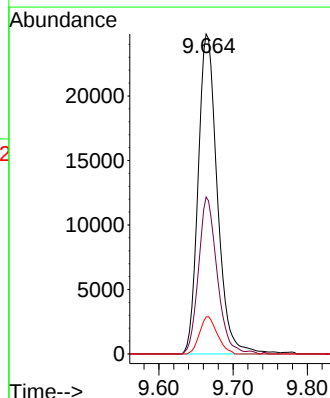
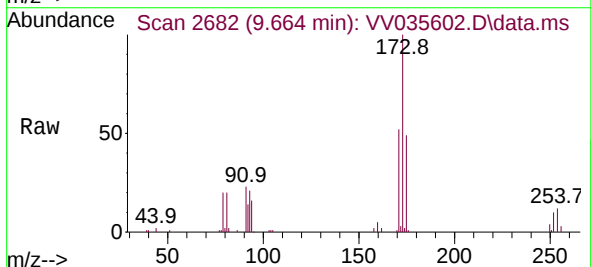
Instrument :
MSVOA_V
ClientSampleId :

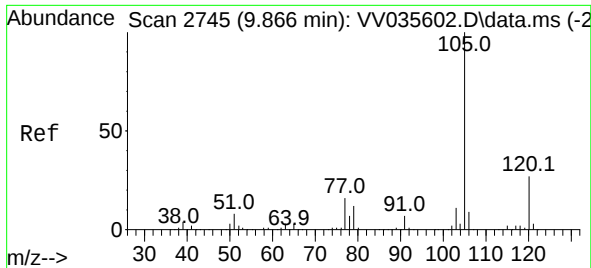
Tgt Ion: 83 Resp: 77591
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.7
131 10.2 8.2 12.2



#59
Bromoform
Concen: 5.532 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 173 Resp: 44507
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 10.8 8.6 13.0

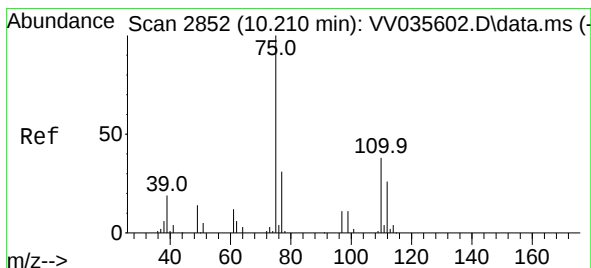
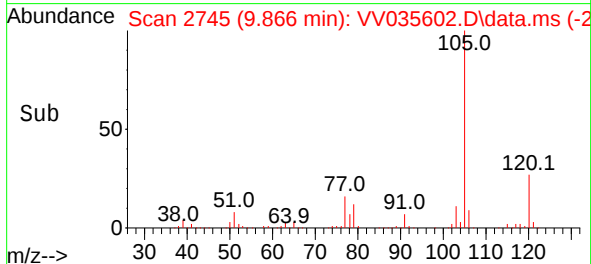
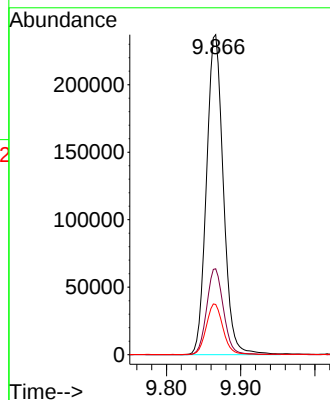
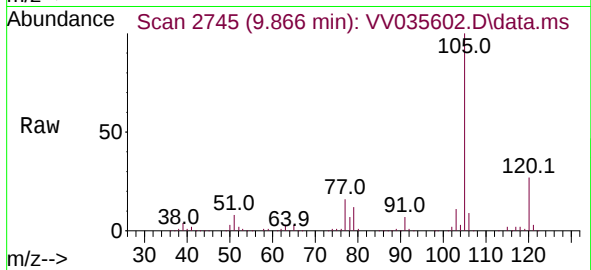




#60
Isopropylbenzene
Concen: 4.587 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

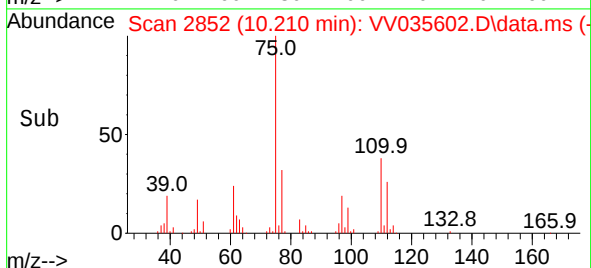
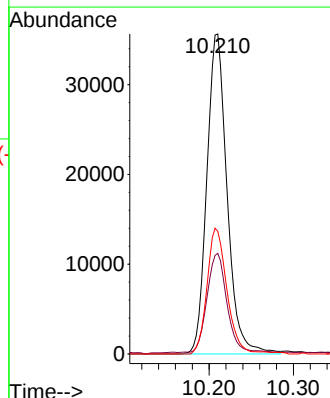
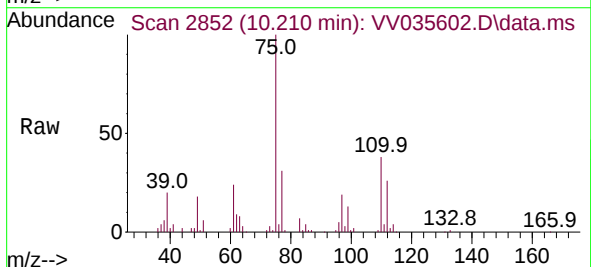
Instrument :
MSVOA_V
ClientSampleId :

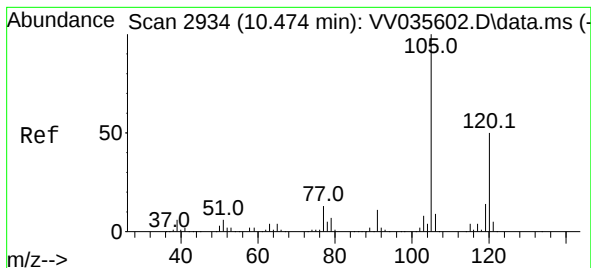
Tgt Ion:105 Resp: 373321
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 15.6 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.624 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 75 Resp: 59665
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.2
110 38.9 31.1 46.7





#62

1,3,5-Trimethylbenzene

Concen: 4.311 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

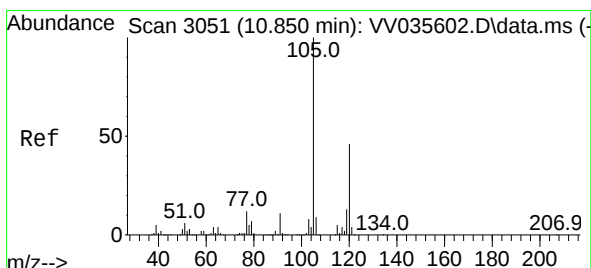
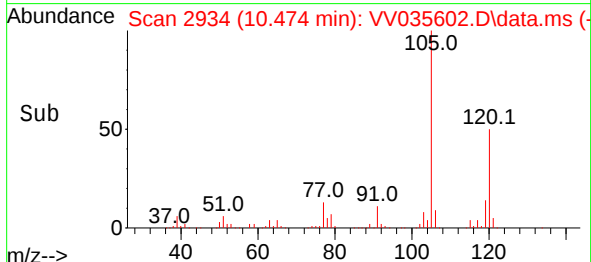
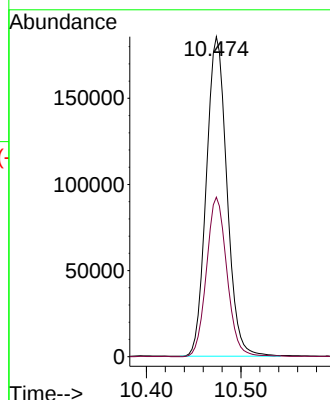
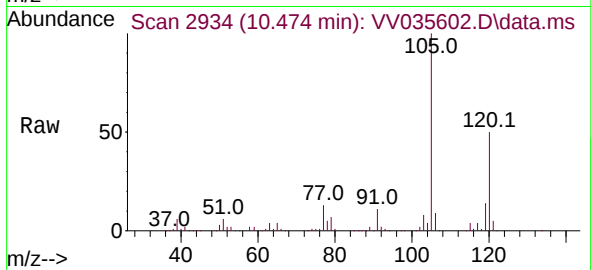
ClientSampleId :

Tgt Ion:105 Resp: 280725

Ion Ratio Lower Upper

105 100

120 49.9 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 4.502 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035602.D

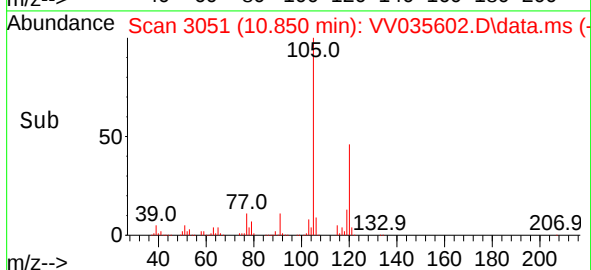
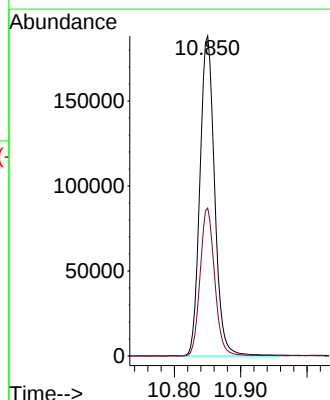
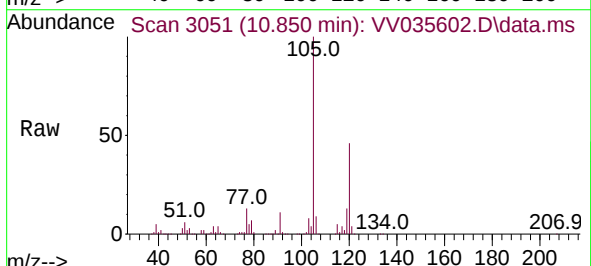
Acq: 14 May 2024 10:36

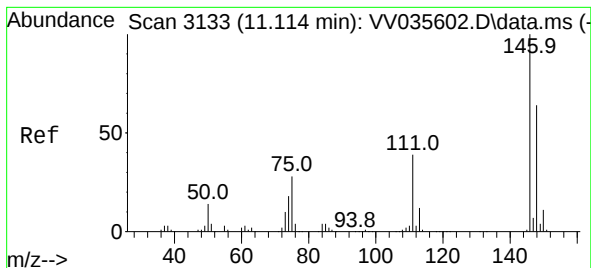
Tgt Ion:105 Resp: 290174

Ion Ratio Lower Upper

105 100

120 46.0 36.8 55.2





#64

1,3-Dichlorobenzene

Concen: 4.829 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

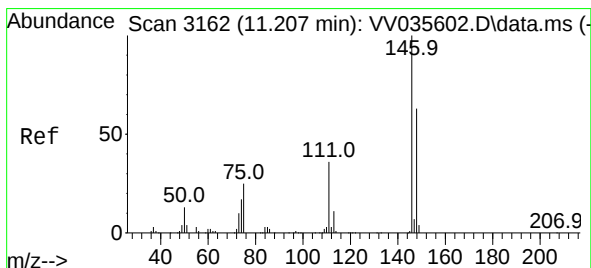
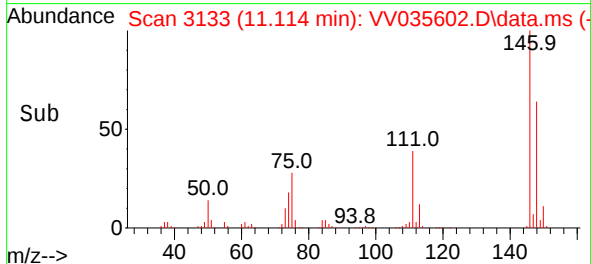
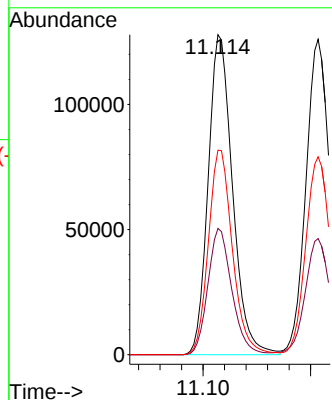
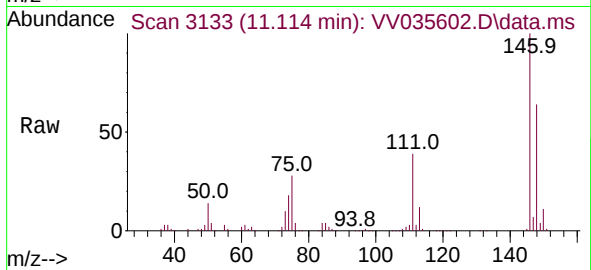
Tgt Ion:146 Resp: 201518

Ion Ratio Lower Upper

146 100

111 39.4 27.6 51.2

148 63.9 44.7 83.1



#65

1,4-Dichlorobenzene

Concen: 4.662 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

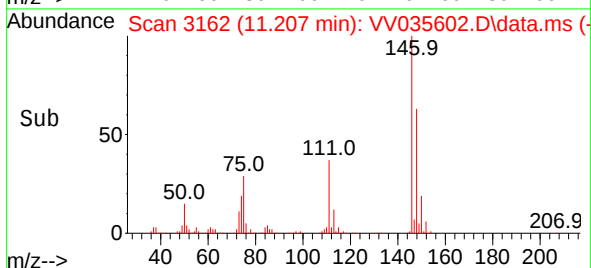
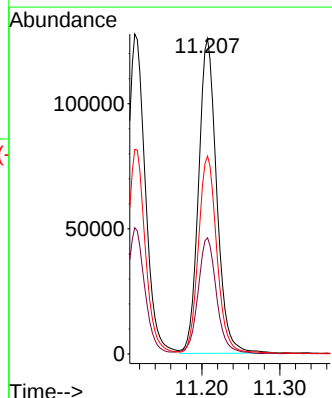
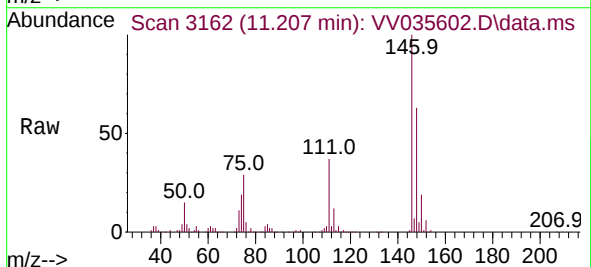
Tgt Ion:146 Resp: 203522

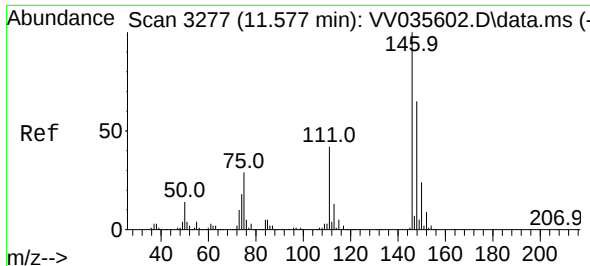
Ion Ratio Lower Upper

146 100

111 36.8 25.8 47.8

148 62.8 44.0 81.6

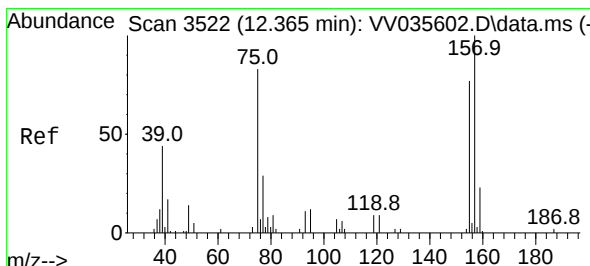
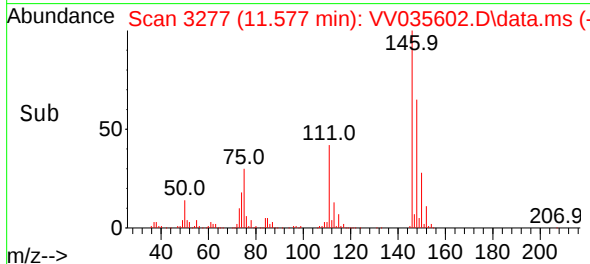
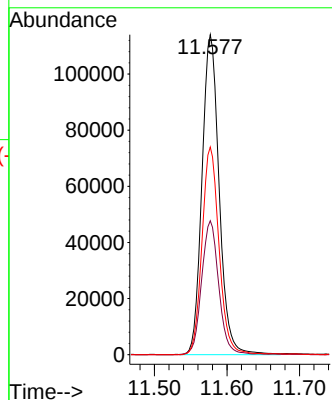
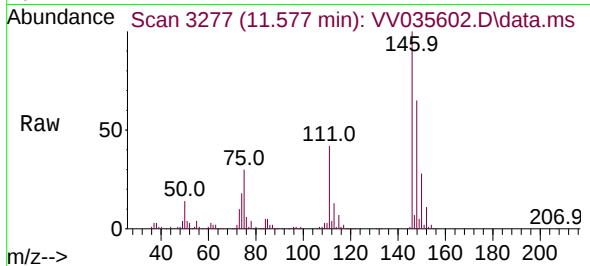




#67
1,2-Dichlorobenzene
Concen: 4.844 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

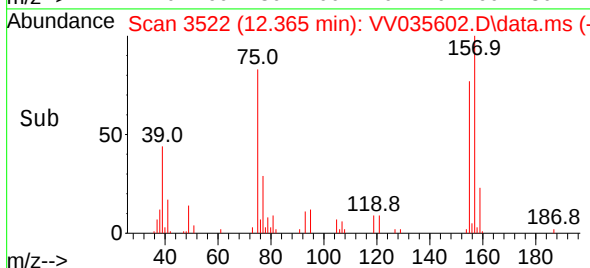
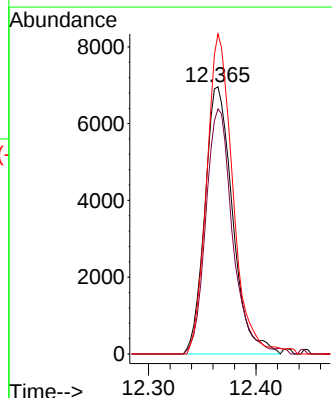
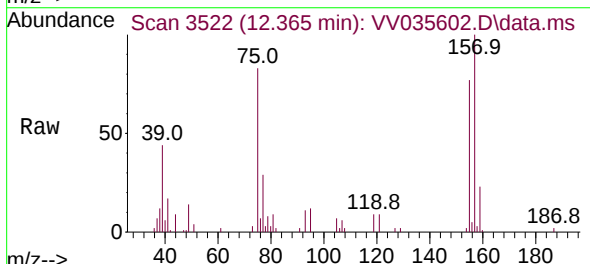
Instrument :
MSVOA_V
ClientSampleId :

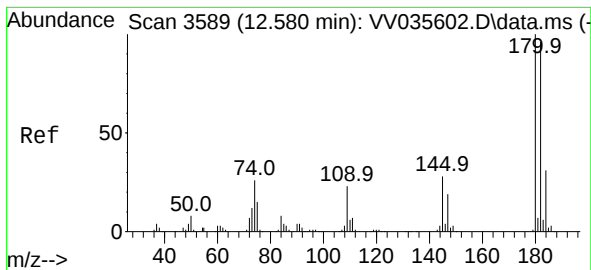
Tgt Ion:146 Resp: 188064
Ion Ratio Lower Upper
146 100
111 41.9 33.5 50.3
148 64.9 51.9 77.9



#68
1,2-Dibromo-3-chloropropane
Concen: 4.867 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV035602.D
Acq: 14 May 2024 10:36

Tgt Ion: 75 Resp: 12496
Ion Ratio Lower Upper
75 100
155 91.7 73.4 110.0
157 119.8 95.8 143.8





#69

1,3,5-Trichlorobenzene

Concen: 4.623 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

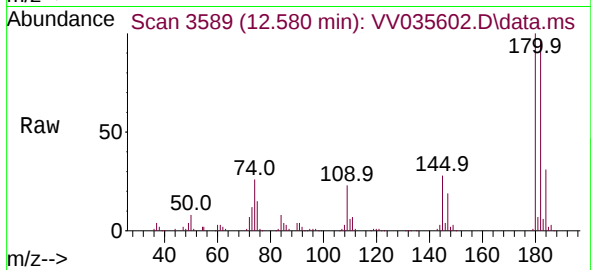
Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 145146

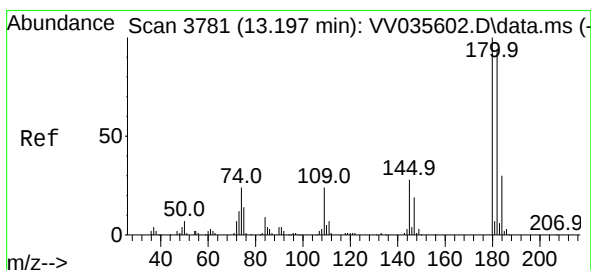
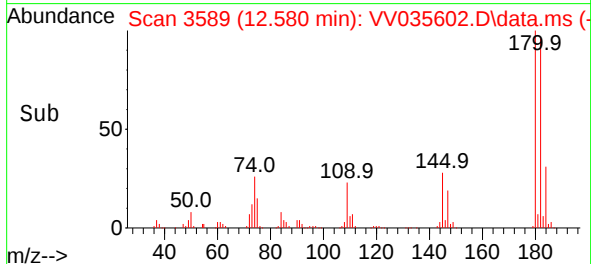
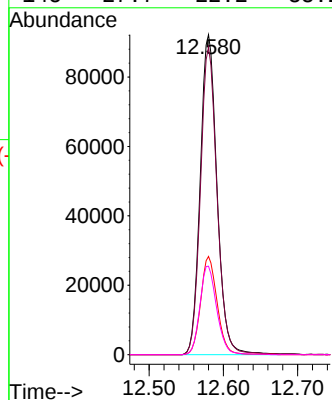
Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 30.0 24.0 36.0

145 27.7 22.2 33.2



#70

1,2,4-trichlorobenzene

Concen: 4.340 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

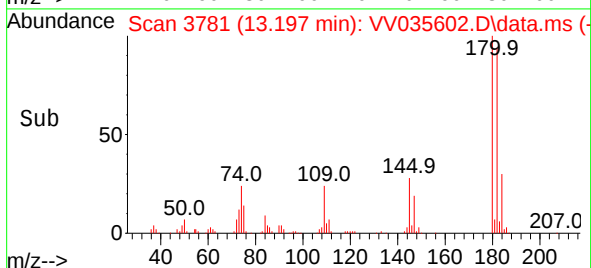
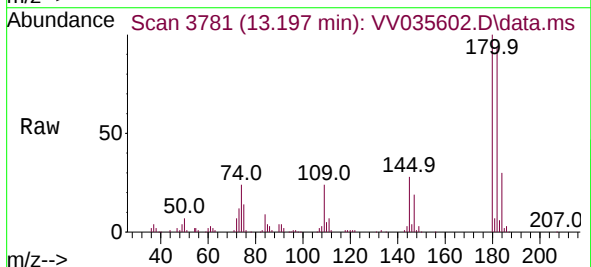
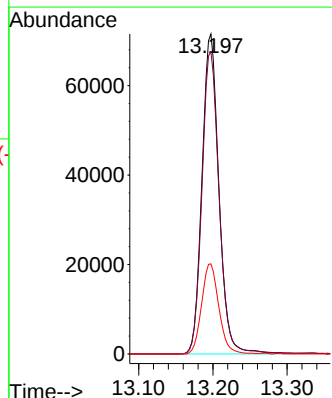
Tgt Ion:180 Resp: 113645

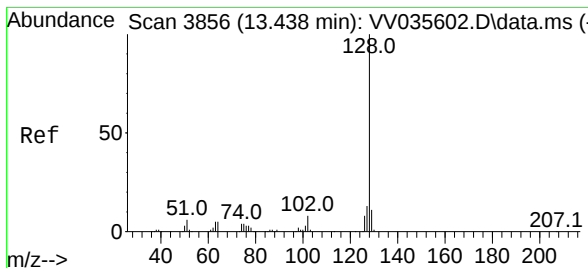
Ion Ratio Lower Upper

180 100

182 95.6 76.5 114.7

145 28.6 22.9 34.3





#71

Naphthalene

Concen: 4.266 ug/L

RT: 13.438 min Scan# 3856

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

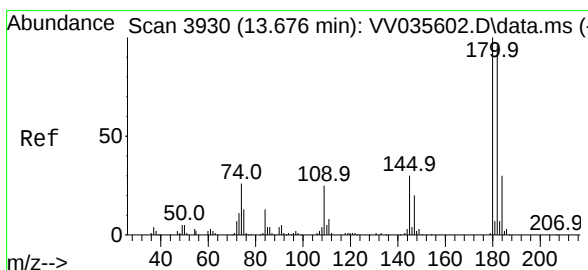
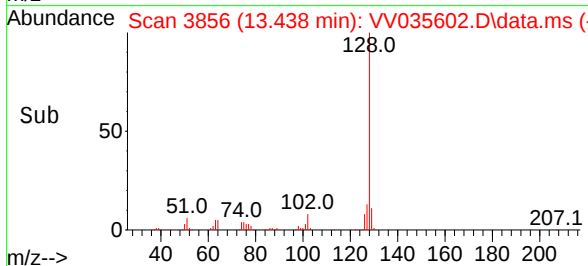
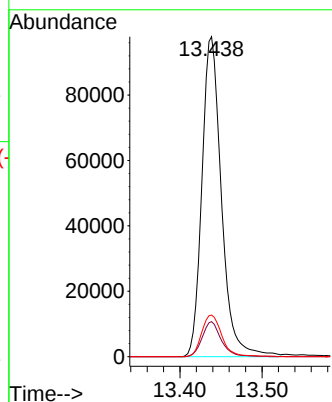
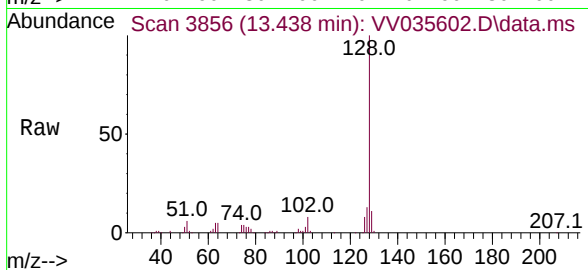
Tgt Ion:128 Resp: 161655

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 13.4 10.7 16.1



#72

1,2,3-Trichlorobenzene

Concen: 4.640 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.000 min

Lab File: VV035602.D

Acq: 14 May 2024 10:36

Tgt Ion:180 Resp: 108480

Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 31.4 25.1 37.7

