

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV030824\
 Data File : VV034517.D
 Acq On : 08 Mar 2024 08:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 08 23:14:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 04:30:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	336244	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314415	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	166720	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	121665	41.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.480%
7) Chloroethane-d5	1.526	69	104228	45.897	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.056	65	53845	40.846	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.700%
21) 2-Butanone-d5	3.777	46	204850	105.089	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.090%
24) Chloroform-d	4.243	84	249129	48.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.680%
26) 1,2-Dichloroethane-d4	4.937	65	161168	47.854	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.700%
32) Benzene-d6	4.953	84	446977	47.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	5.986	67	140957	48.675	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	7.240	98	402596	46.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.760%
43) trans-1,3-Dichloroprop...	7.548	79	70981	48.810	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.620%
47) 2-Hexanone-d5	8.021	63	151167	104.535	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.540%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	191173	50.164	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	162702	47.744	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	172213	48.828	ug/L	99
3) Chloromethane	1.214	50	164757	47.540	ug/L	99
5) Vinyl chloride	1.282	62	164721	48.964	ug/L	97
6) Bromomethane	1.478	94	100047	49.567	ug/L	97
8) Chloroethane	1.542	64	98136	49.079	ug/L	97
9) Trichlorofluoromethane	1.709	101	237997	47.242	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	130680	48.129	ug/L	99
12) 1,1-Dichloroethene	2.066	96	118503	47.066	ug/L	96
13) Acetone	2.108	43	265125	113.138	ug/L	99
14) Carbon disulfide	2.237	76	341170	48.825	ug/L	100
15) Methyl Acetate	2.368	43	158843	52.984	ug/L	99
16) Methylene chloride	2.442	84	133357	49.933	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	120261	49.349	ug/L	97
18) Methyl tert-butyl Ether	2.700	73	437809	50.027	ug/L	100
19) 1,1-Dichloroethane	3.108	63	242638	50.827	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	135080	51.088	ug/L	93
22) 2-Butanone	3.857	43	253058	109.358	ug/L	96
23) Bromochloromethane	4.143	128	70634	51.662	ug/L	96
25) Chloroform	4.272	83	247988	50.119	ug/L	100

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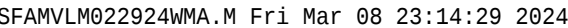
Instrument :
 MSVOA_V
 ClientSampleId :

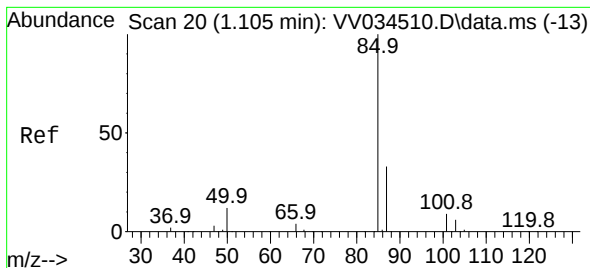
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 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 04:30:42 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	199768	49.692	ug/L	98
29) Cyclohexane	4.577	56	207568	50.191	ug/L	98
30) 1,1,1-Trichloroethane	4.507	97	224535	49.801	ug/L	100
31) Carbon tetrachloride	4.732	117	198544	49.738	ug/L	99
33) Benzene	5.005	78	494273	50.646	ug/L	100
34) Trichloroethene	5.828	95	138025	49.754	ug/L	95
35) Methylcyclohexane	6.047	83	216769	51.398	ug/L	98
37) 1,2-Dichloropropane	6.088	63	131384	51.420	ug/L	100
38) Bromodichloromethane	6.429	83	183406	51.030	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	210102	50.752	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	403175	107.009	ug/L	100
42) Toluene	7.313	91	521604	50.499	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	199927	50.214	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	126110	51.153	ug/L	98
46) Tetrachloroethene	7.902	164	104250	50.530	ug/L	98
48) 2-Hexanone	8.069	43	338255	112.667	ug/L	99
49) Dibromochloromethane	8.175	129	135760	52.183	ug/L	98
50) 1,2-Dibromoethane	8.278	107	133521	51.038	ug/L	100
51) Chlorobenzene	8.812	112	334082	50.032	ug/L	99
52) Ethylbenzene	8.944	91	586263	50.656	ug/L	100
53) m,p-Xylene	9.069	106	220599	50.229	ug/L	99
54) o-Xylene	9.474	106	218892	50.898	ug/L	99
55) Styrene	9.493	104	377741	51.877	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	185872	50.197	ug/L	98
59) Bromoform	9.661	173	94685	51.224	ug/L	100
60) Isopropylbenzene	9.863	105	601310	50.996	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	161749	50.825	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	509449	51.219	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	508900	51.731	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	273629	50.191	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	277353	50.097	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	275706	50.469	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	49437	52.148	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	206290	50.439	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	184529	50.142	ug/L	99
71) Naphthalene	13.435	128	501009	50.895	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	182852	50.932	ug/L	99

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

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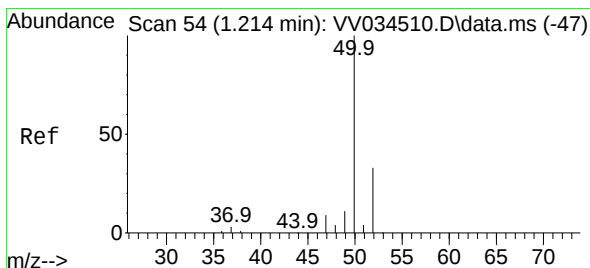
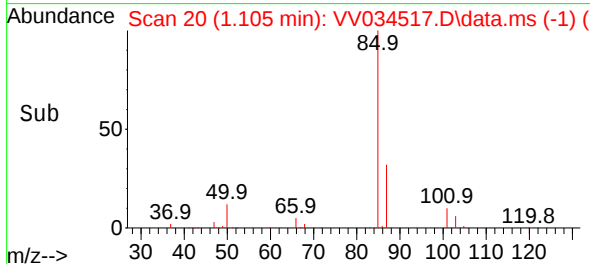
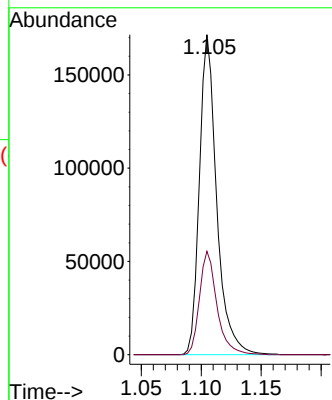
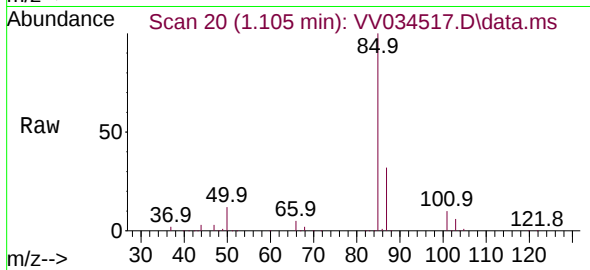




#2
 Dichlorodifluoromethane
 Concen: 48.828 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV034517.D
 Acq: 08 Mar 2024 08:51

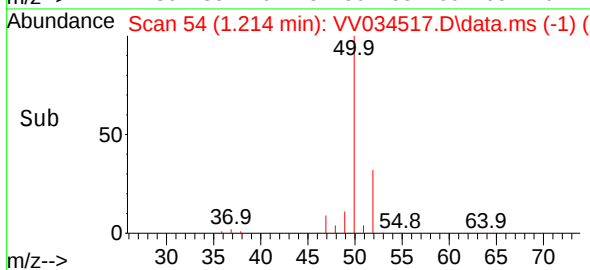
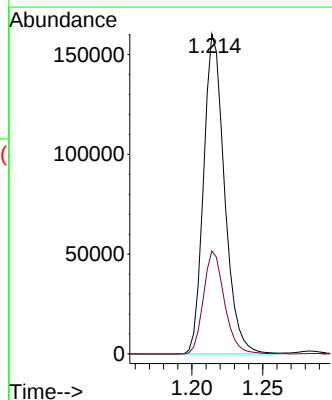
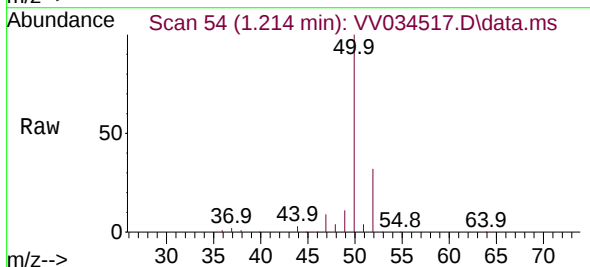
Instrument :
 MSVOA_V
 ClientSampleId :

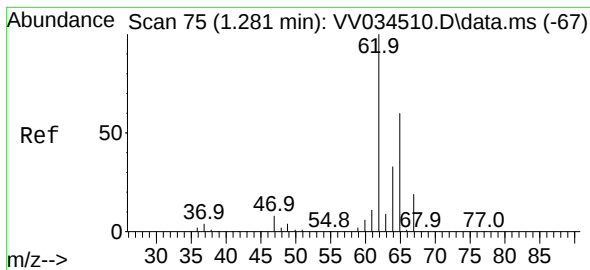
Tgt Ion: 85 Resp: 172213
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.5 38.3



#3
 Chloromethane
 Concen: 47.540 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV034517.D
 Acq: 08 Mar 2024 08:51

Tgt Ion: 50 Resp: 164757
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.0 42.8





#5

Vinyl chloride

Concen: 48.964 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

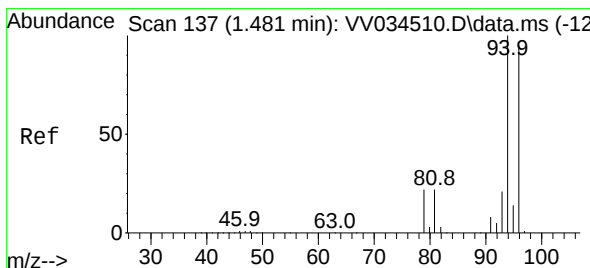
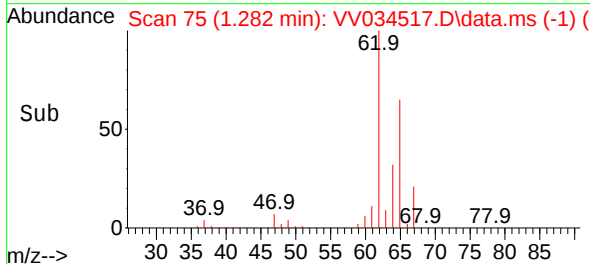
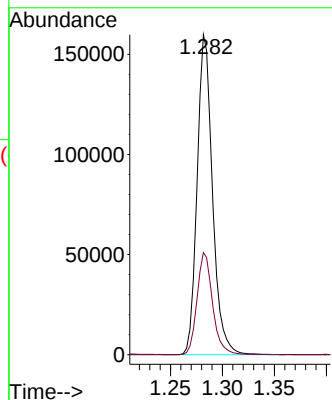
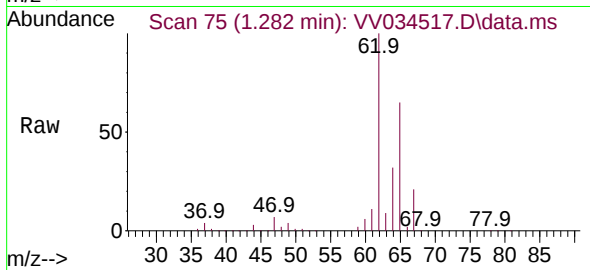
ClientSampleId :

Tgt Ion: 62 Resp: 164721

Ion Ratio Lower Upper

62 100

64 31.9 23.4 43.6



#6

Bromomethane

Concen: 49.567 ug/L

RT: 1.478 min Scan# 136

Delta R.T. -0.003 min

Lab File: VV034517.D

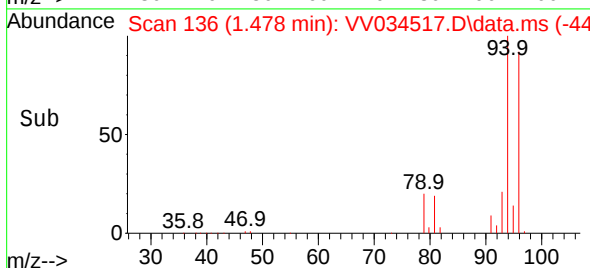
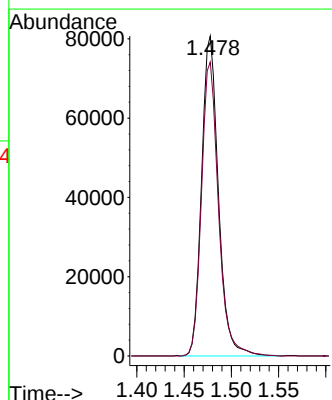
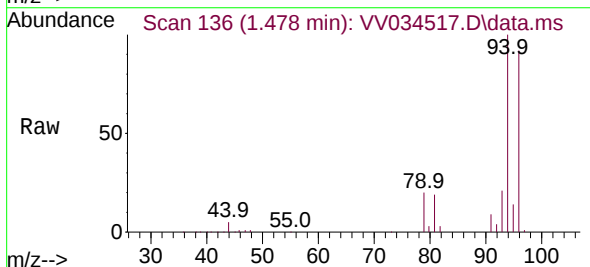
Acq: 08 Mar 2024 08:51

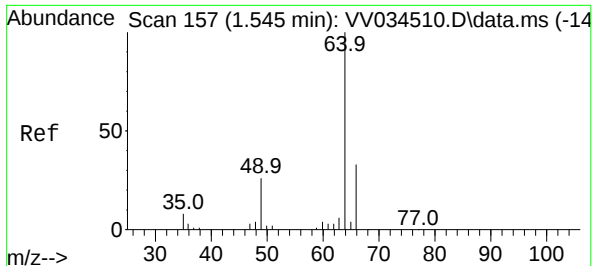
Tgt Ion: 94 Resp: 100047

Ion Ratio Lower Upper

94 100

96 91.8 66.0 122.6





#8

Chloroethane

Concen: 49.079 ug/L

RT: 1.542 min Scan# 157

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

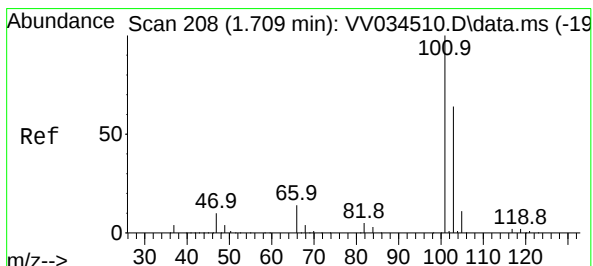
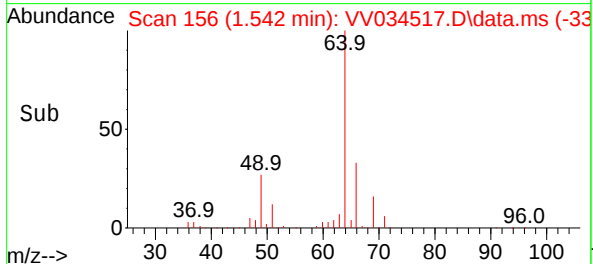
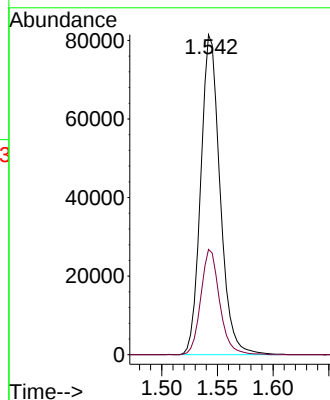
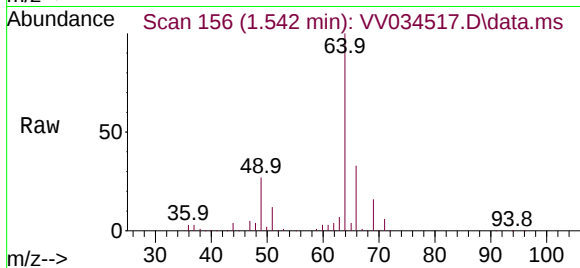
ClientSampleId :

Tgt Ion: 64 Resp: 98136

Ion Ratio Lower Upper

64 100

66 32.9 22.0 40.8



#9

Trichlorofluoromethane

Concen: 47.242 ug/L

RT: 1.709 min Scan# 208

Delta R.T. 0.000 min

Lab File: VV034517.D

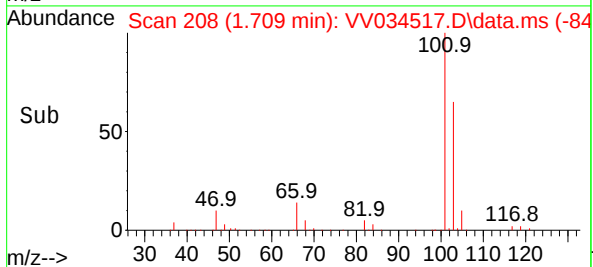
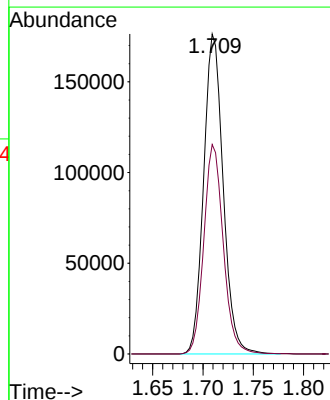
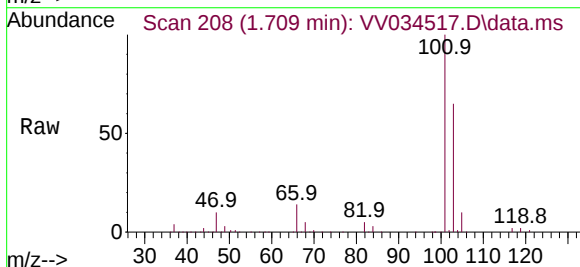
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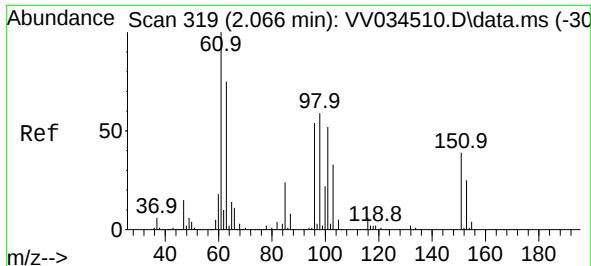
Tgt Ion:101 Resp: 237997

Ion Ratio Lower Upper

101 100

103 65.0 51.8 77.8

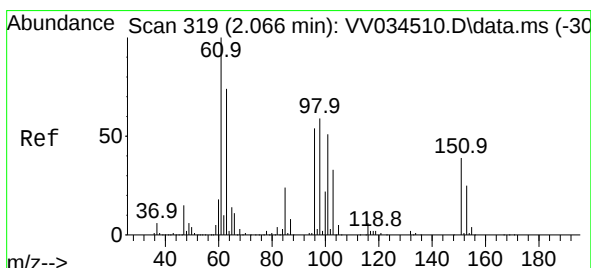
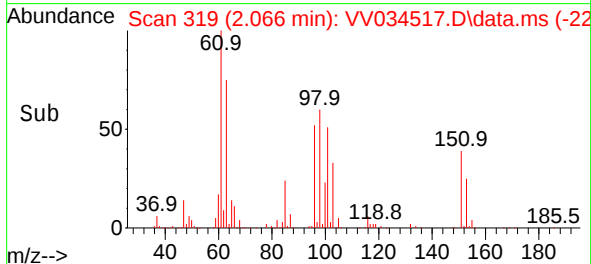
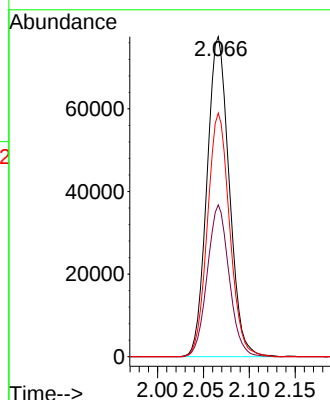
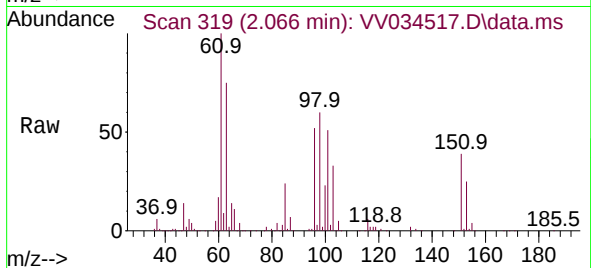




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.129 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034517.D
 Acq: 08 Mar 2024 08:51

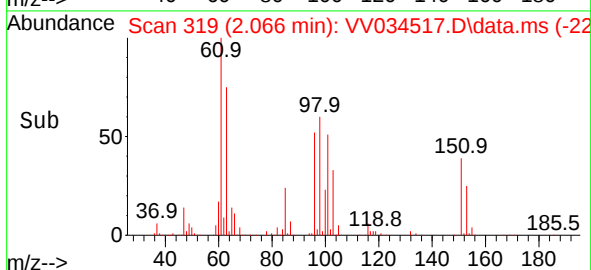
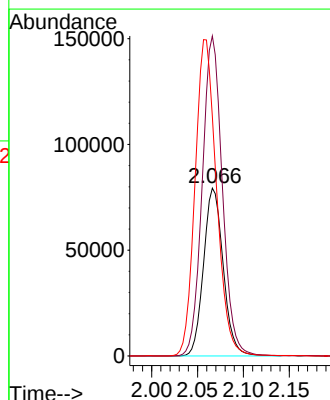
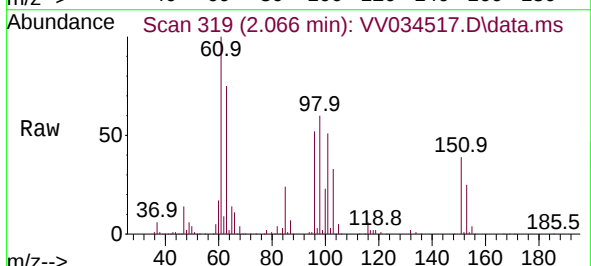
Instrument :
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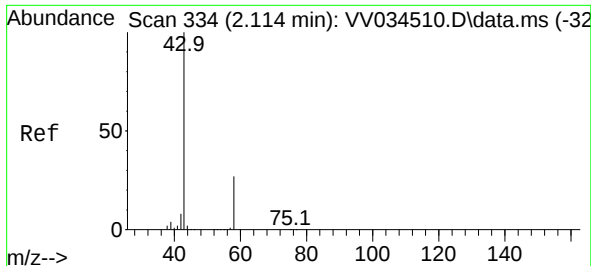
Tgt Ion:101 Resp: 130680
 Ion Ratio Lower Upper
 101 100
 85 46.6 37.4 56.0
 151 76.0 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 47.066 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV034517.D
 Acq: 08 Mar 2024 08:51

Tgt Ion: 96 Resp: 118503
 Ion Ratio Lower Upper
 96 100
 61 190.7 128.9 239.3
 63 142.7 98.0 182.0





#13

Acetone

Concen: 113.138 ug/L

RT: 2.108 min Scan# 334

Delta R.T. -0.006 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

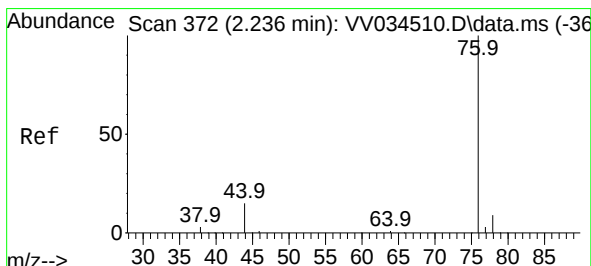
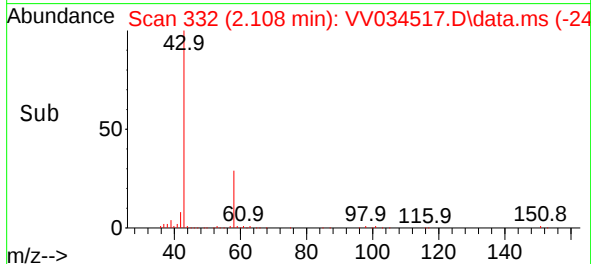
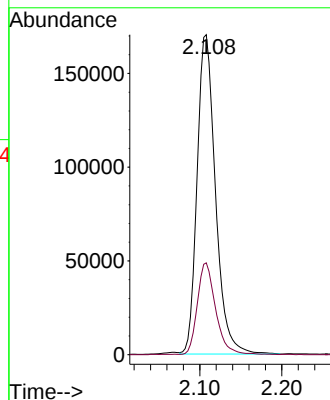
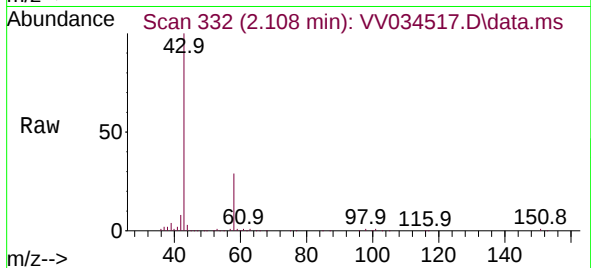
ClientSampleId :

Tgt Ion: 43 Resp: 265125

Ion Ratio Lower Upper

43 100

58 28.1 0.0 57.2



#14

Carbon disulfide

Concen: 48.825 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV034517.D

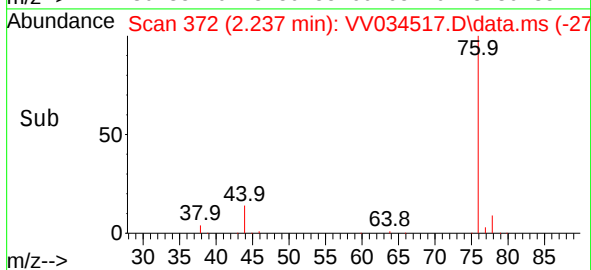
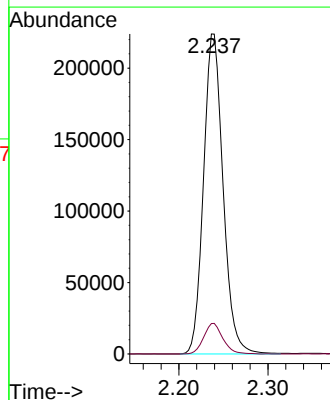
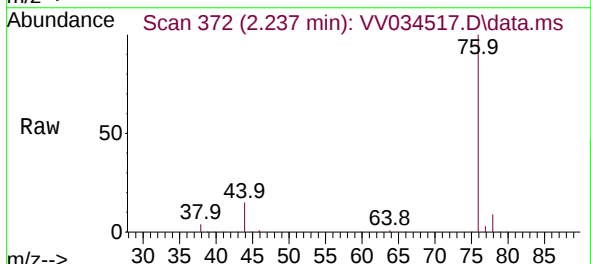
Acq: 08 Mar 2024 08:51

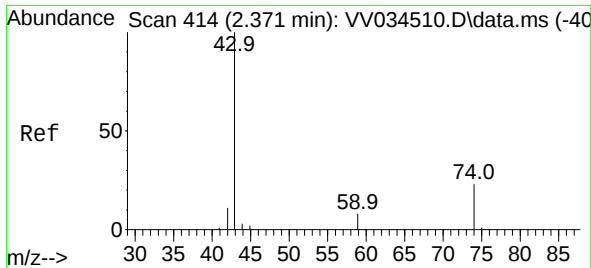
Tgt Ion: 76 Resp: 341170

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 52.984 ug/L

RT: 2.368 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

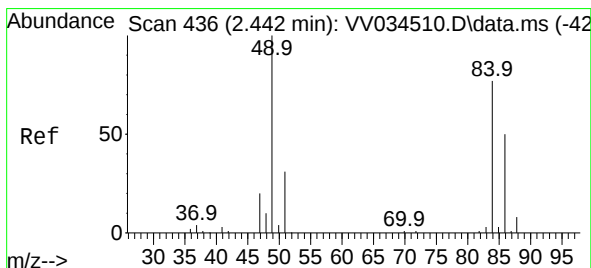
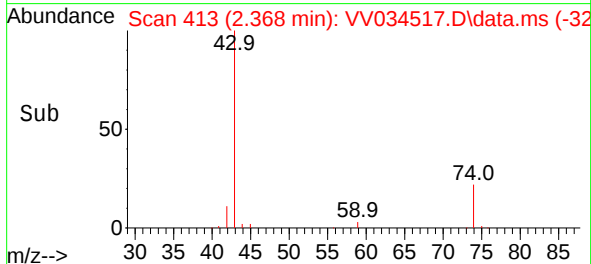
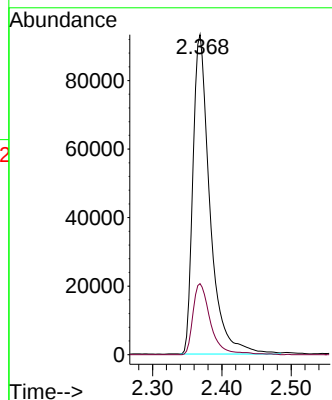
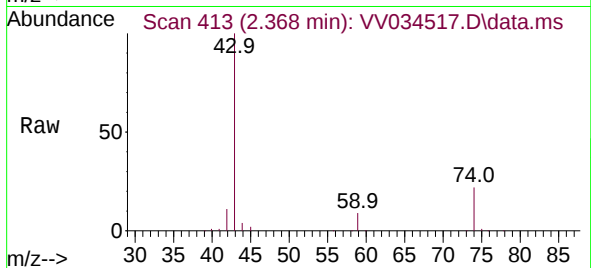
ClientSampleId :

Tgt Ion: 43 Resp: 158843

Ion Ratio Lower Upper

43 100

74 22.5 17.8 26.8



#16

Methylene chloride

Concen: 49.933 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

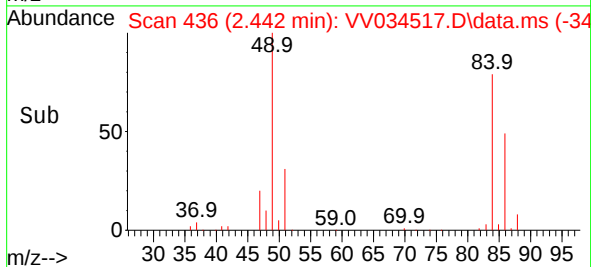
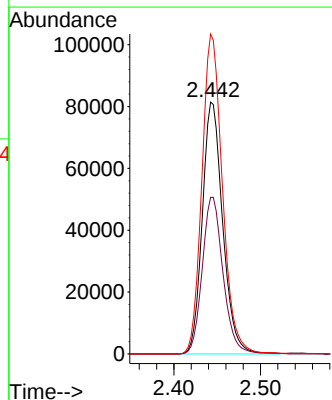
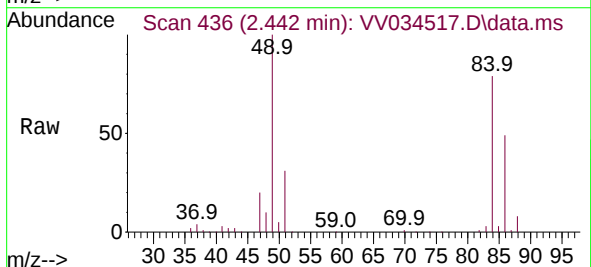
Tgt Ion: 84 Resp: 133357

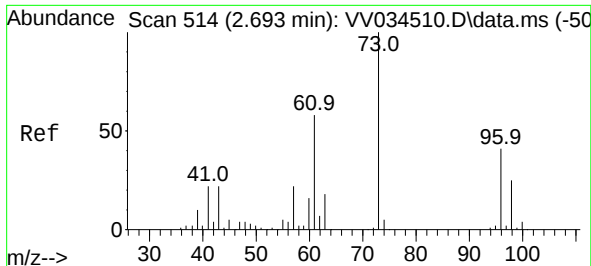
Ion Ratio Lower Upper

84 100

86 62.2 45.6 84.6

49 127.1 92.3 171.3





#17

trans-1,2-Dichloroethene

Concen: 49.349 ug/L

RT: 2.690 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

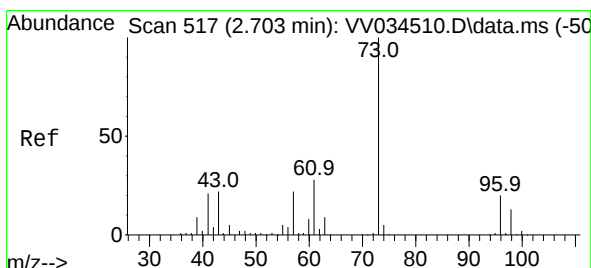
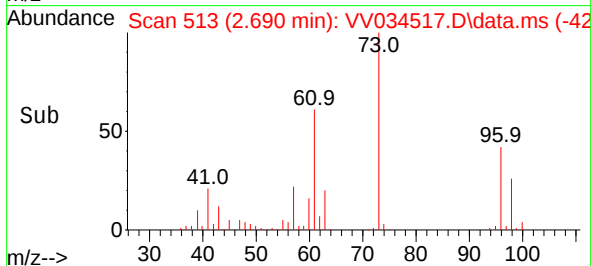
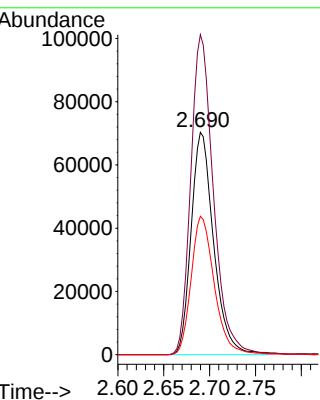
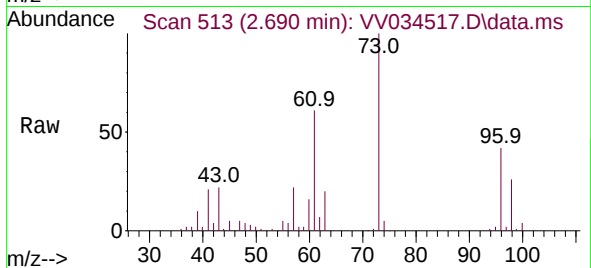
Tgt Ion: 96 Resp: 120261

Ion Ratio Lower Upper

96 100

61 143.9 98.8 183.4

98 62.3 46.1 85.5



#18

Methyl tert-butyl Ether

Concen: 50.027 ug/L

RT: 2.700 min Scan# 516

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

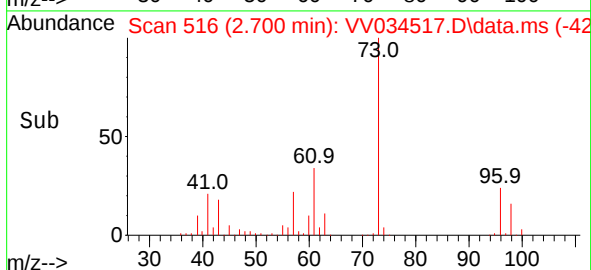
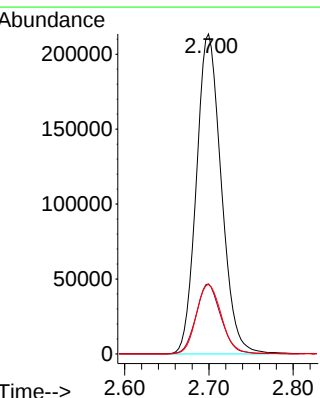
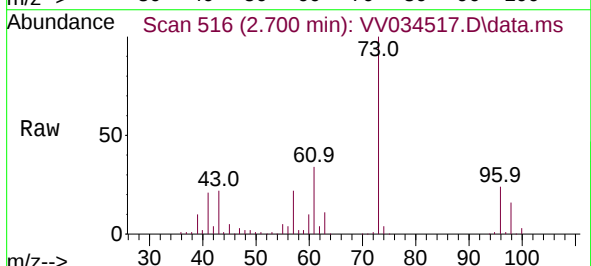
Tgt Ion: 73 Resp: 437809

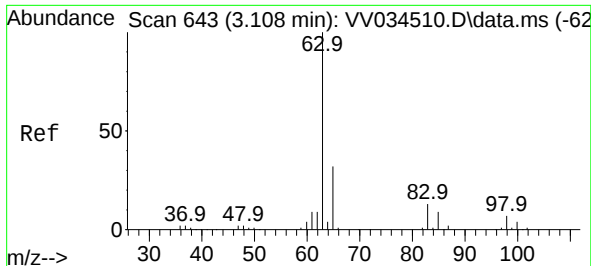
Ion Ratio Lower Upper

73 100

43 21.6 17.1 25.7

57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.827 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.000 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

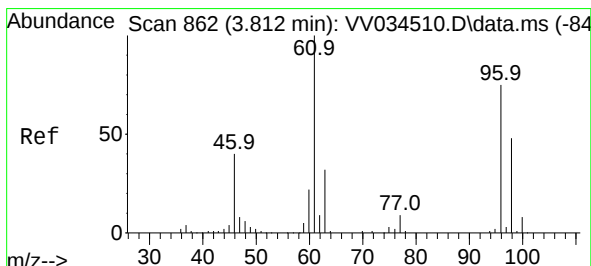
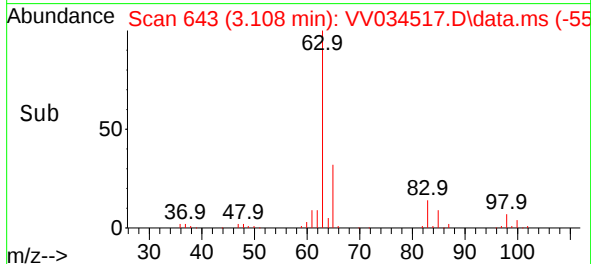
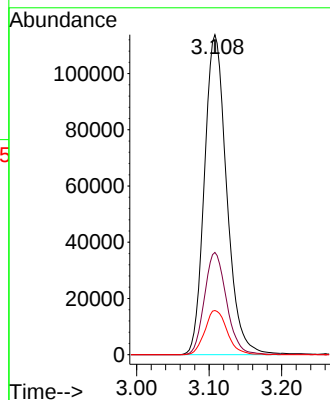
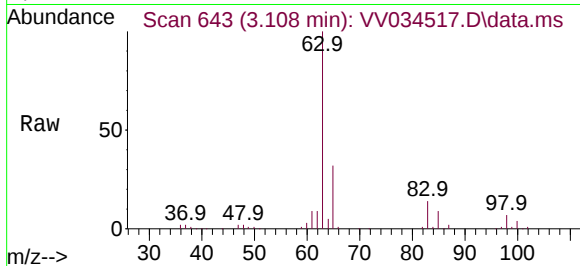
Tgt Ion: 63 Resp: 242638

Ion Ratio Lower Upper

63 100

65 31.9 22.1 41.1

83 13.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 51.088 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

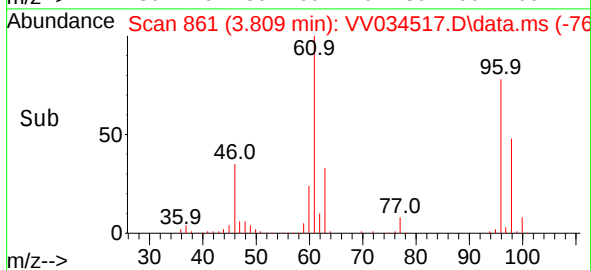
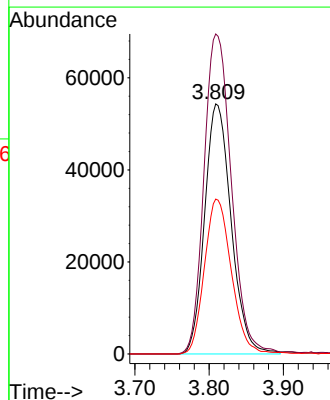
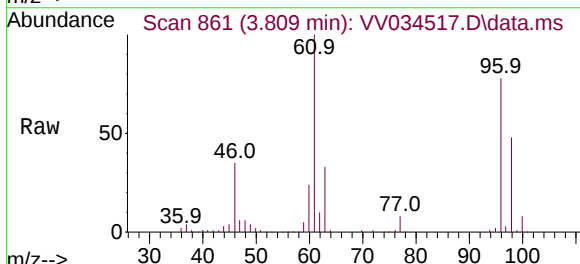
Tgt Ion: 96 Resp: 135080

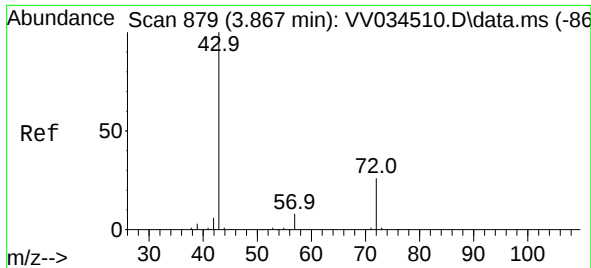
Ion Ratio Lower Upper

96 100

61 128.0 96.0 178.4

98 61.9 46.0 85.4

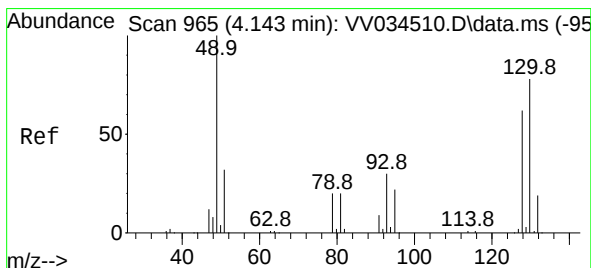
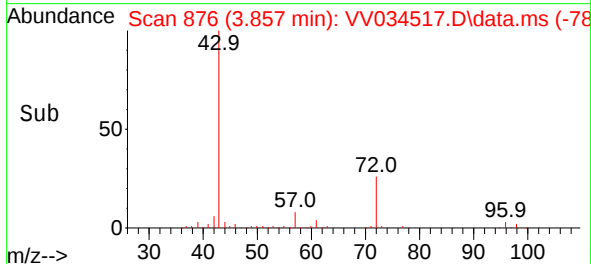
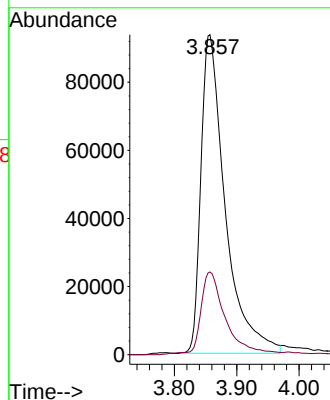
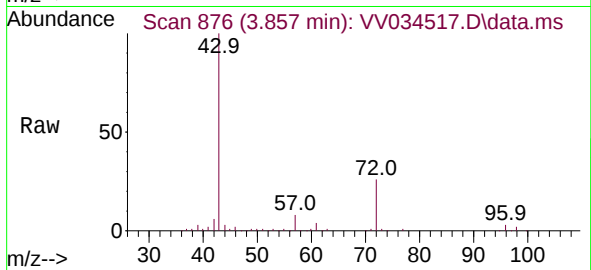




#22
2-Butanone
Concen: 109.358 ug/L
RT: 3.857 min Scan# 879
Delta R.T. -0.010 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

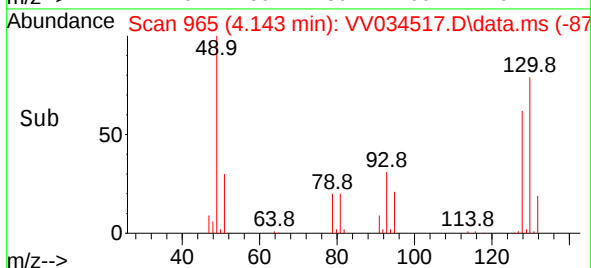
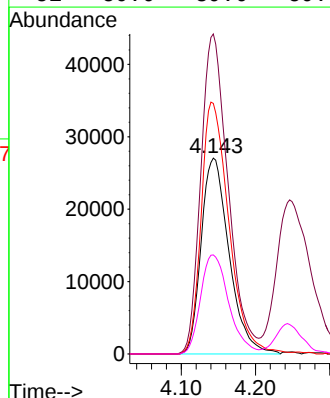
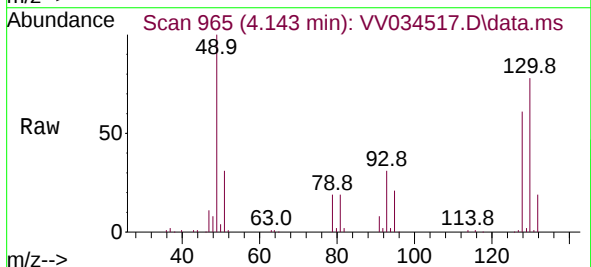
Instrument :
MSVOA_V
ClientSampleId :

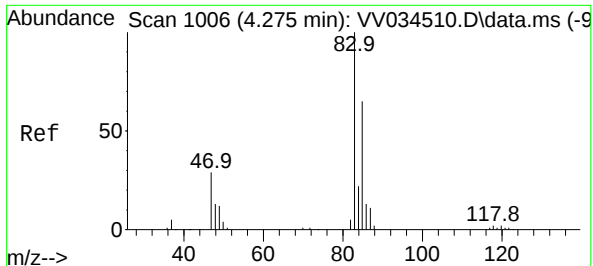
Tgt Ion: 43 Resp: 253058
Ion Ratio Lower Upper
43 100
72 24.9 11.5 34.4



#23
Bromochloromethane
Concen: 51.662 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion:128 Resp: 70634
Ion Ratio Lower Upper
128 100
49 163.4 109.4 203.2
130 128.0 87.7 162.9
51 50.6 39.6 59.4





#25

Chloroform

Concen: 50.119 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

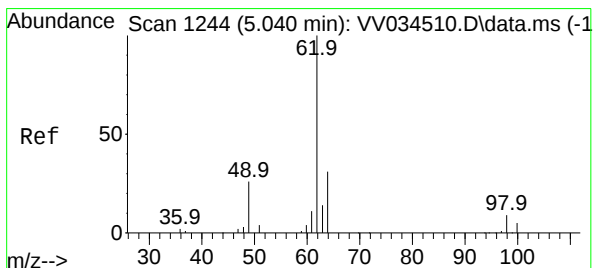
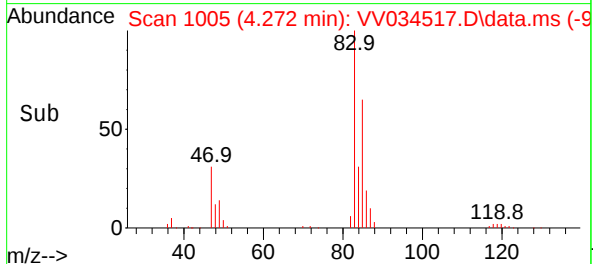
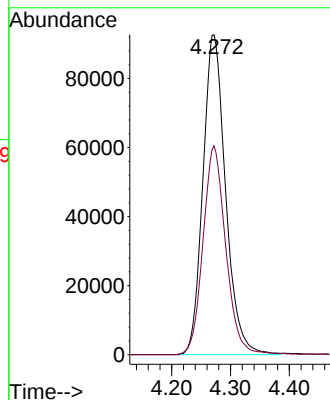
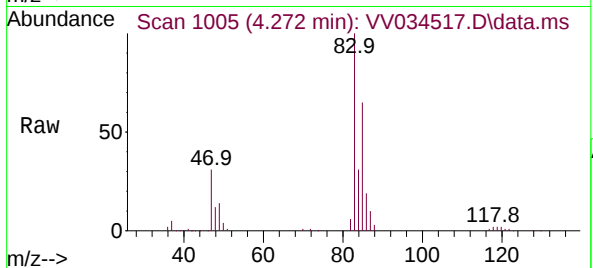
ClientSampleId :

Tgt Ion: 83 Resp: 247988

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5



#27

1,2-Dichloroethane

Concen: 49.692 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.003 min

Lab File: VV034517.D

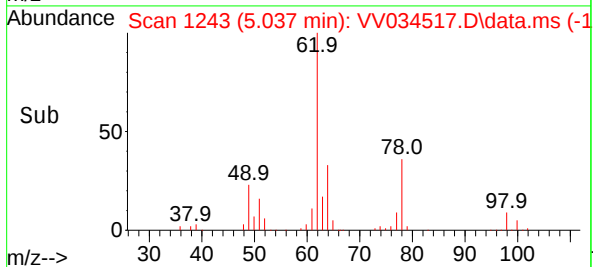
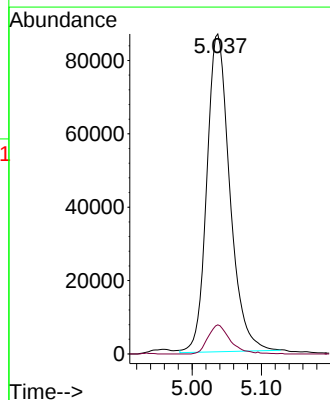
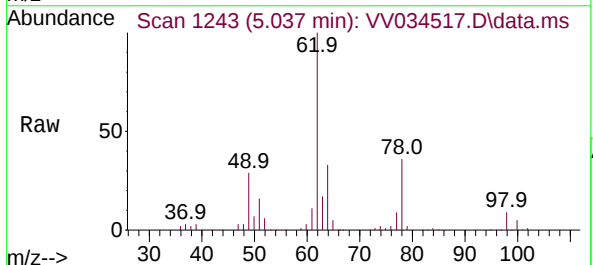
Acq: 08 Mar 2024 08:51

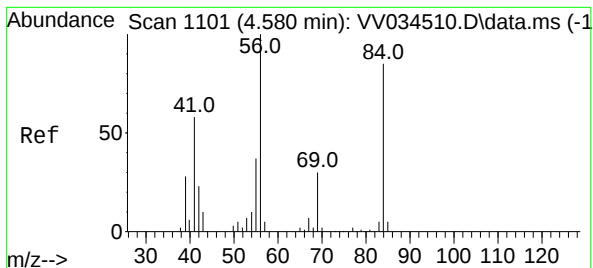
Tgt Ion: 62 Resp: 199768

Ion Ratio Lower Upper

62 100

98 9.1 6.6 10.0





#29

Cyclohexane

Concen: 50.191 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

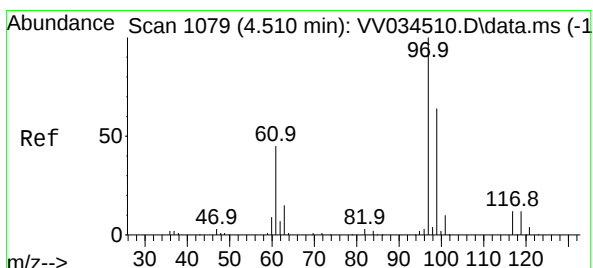
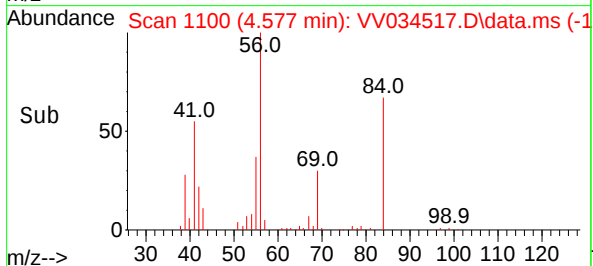
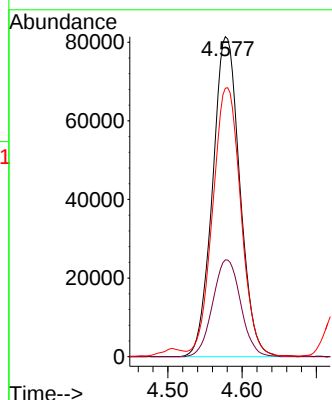
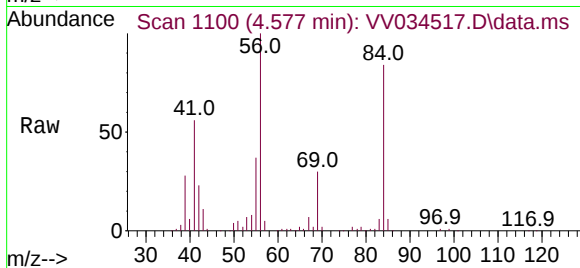
Tgt Ion: 56 Resp: 207568

Ion Ratio Lower Upper

56 100

69 31.1 24.2 36.4

84 86.3 70.5 105.7



#30

1,1,1-Trichloroethane

Concen: 49.801 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

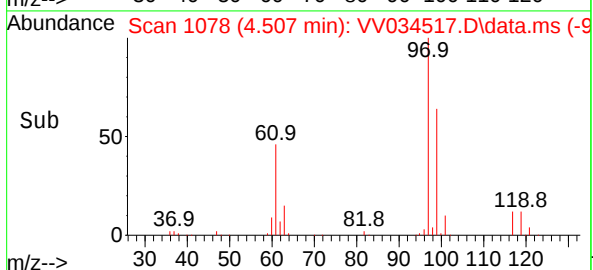
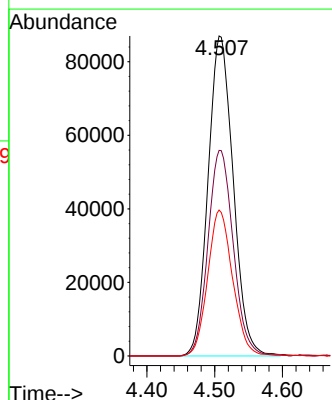
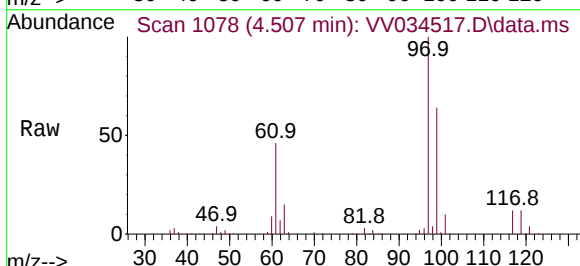
Tgt Ion: 97 Resp: 224535

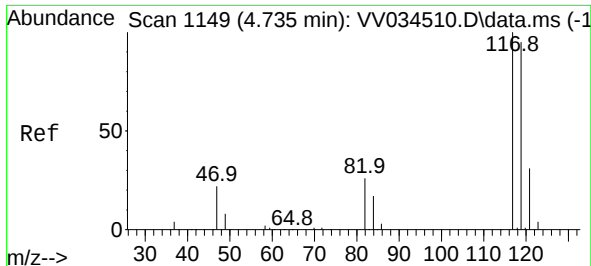
Ion Ratio Lower Upper

97 100

99 64.6 51.3 76.9

61 45.0 36.0 54.0

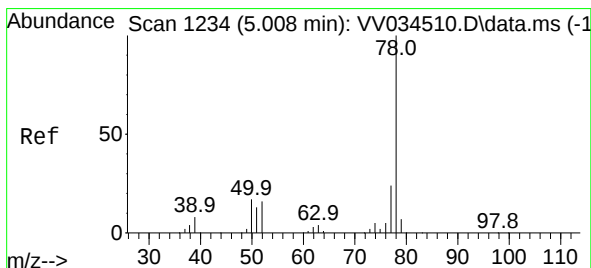
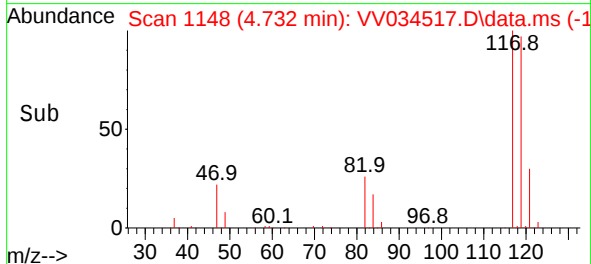
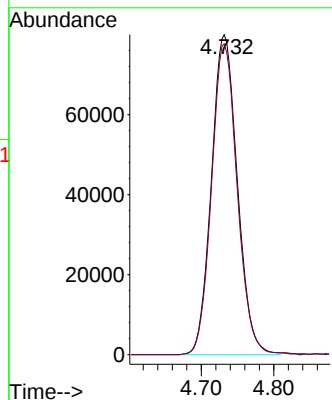
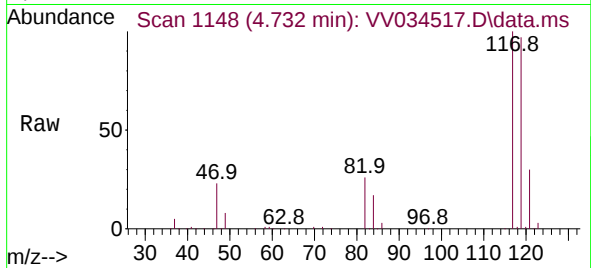




#31
Carbon tetrachloride
Concen: 49.738 ug/L
RT: 4.732 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

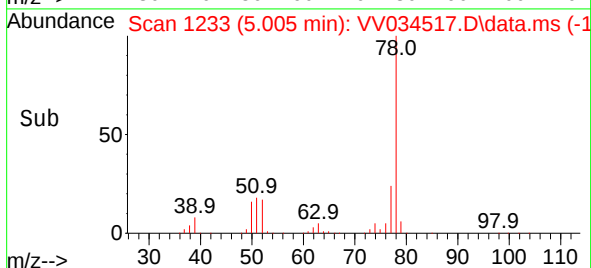
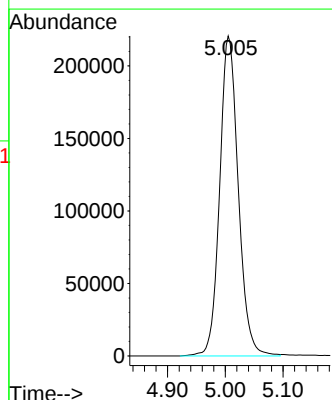
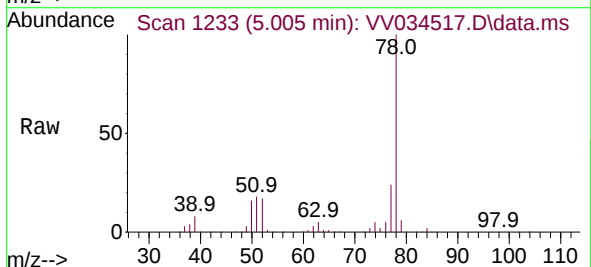
Instrument :
MSVOA_V
ClientSampleId :

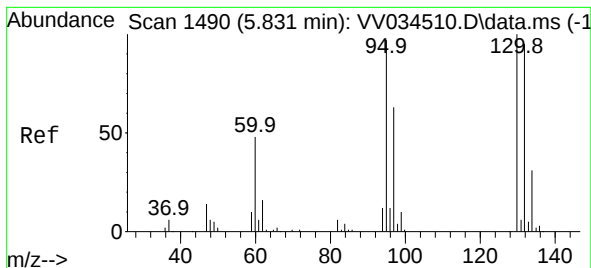
Tgt Ion:117 Resp: 198544
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 50.646 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion: 78 Resp: 494273





#34

Trichloroethene

Concen: 49.754 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 138025

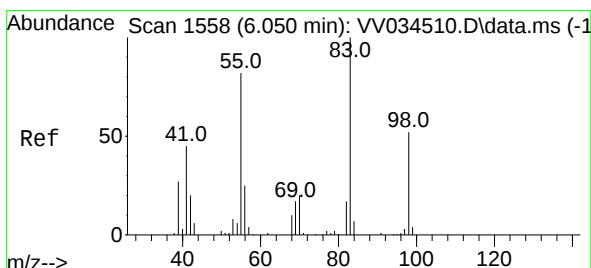
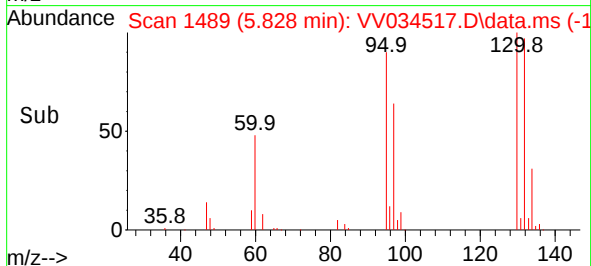
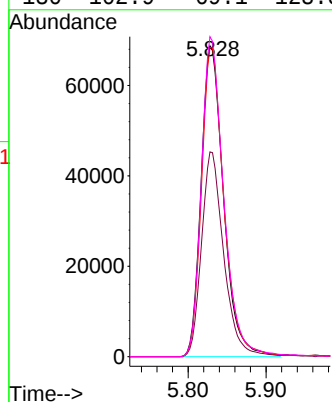
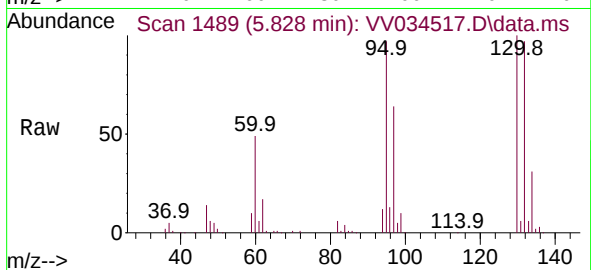
Ion Ratio Lower Upper

95 100

97 65.9 44.7 83.1

132 99.4 65.3 121.3

130 102.9 69.1 128.3



#35

Methylcyclohexane

Concen: 51.398 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

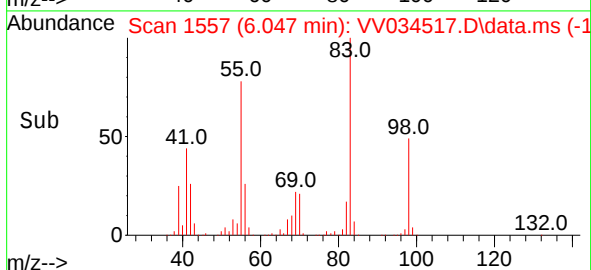
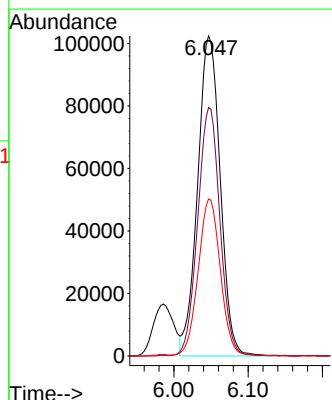
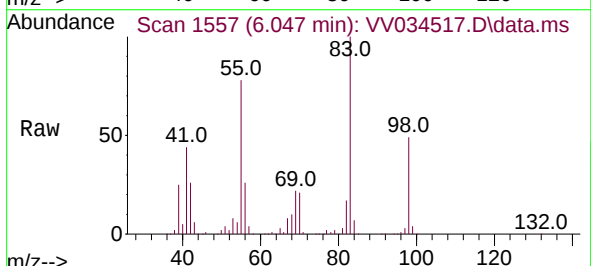
Tgt Ion: 83 Resp: 216769

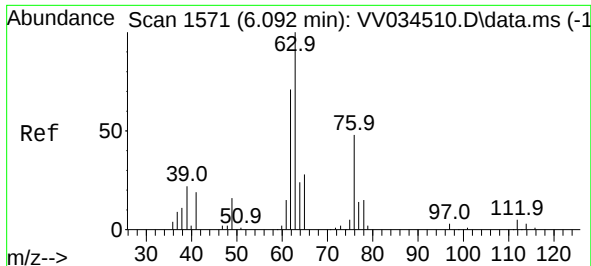
Ion Ratio Lower Upper

83 100

55 76.3 62.6 94.0

98 48.3 39.5 59.3

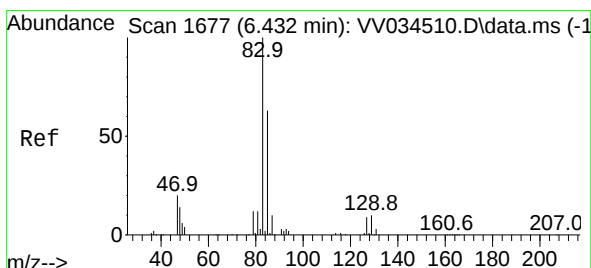
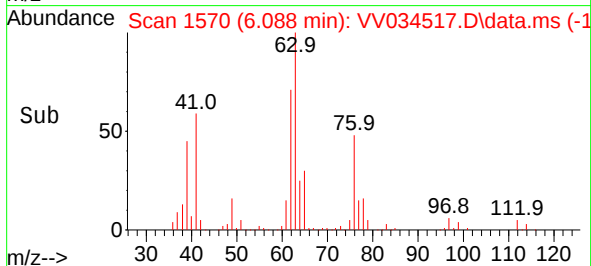
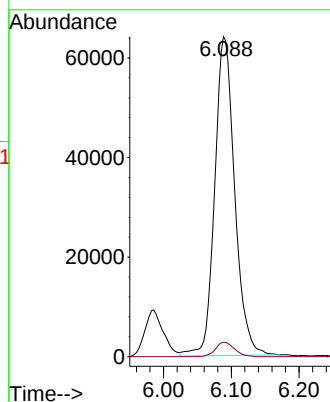
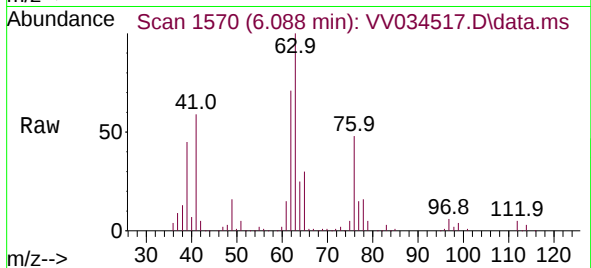




#37
1,2-Dichloropropane
Concen: 51.420 ug/L
RT: 6.088 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

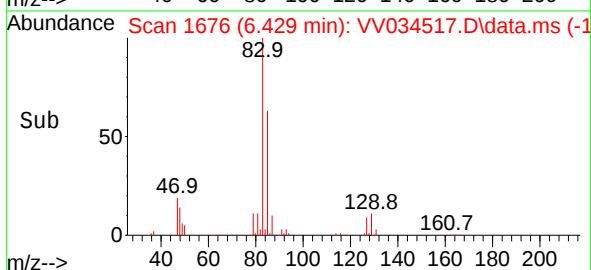
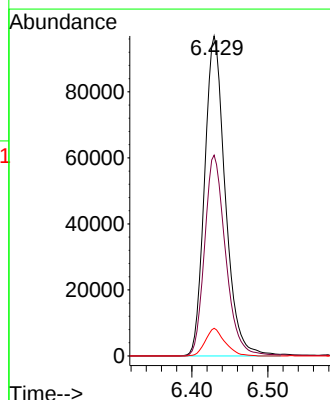
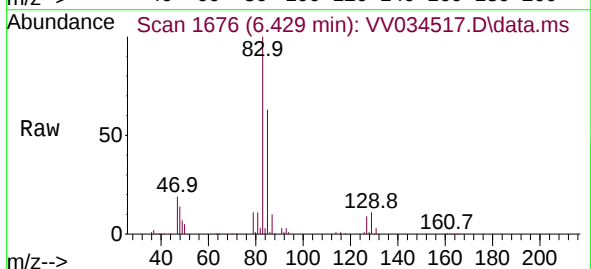
Instrument :
MSVOA_V
ClientSampleId :

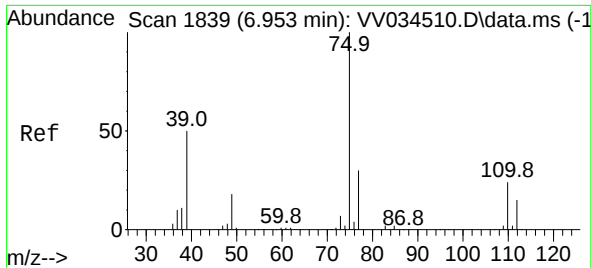
Tgt Ion: 63 Resp: 131384
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 51.030 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion: 83 Resp: 183406
Ion Ratio Lower Upper
83 100
85 62.8 44.6 82.8
127 8.6 6.9 10.3

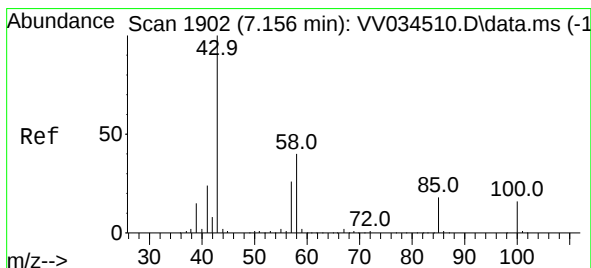
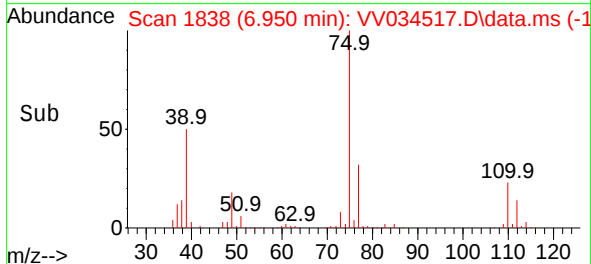
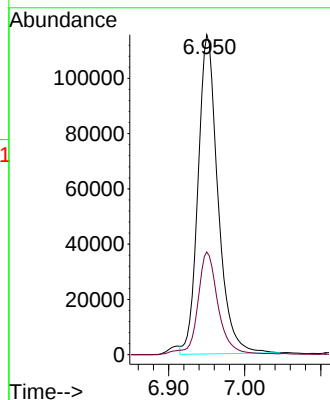
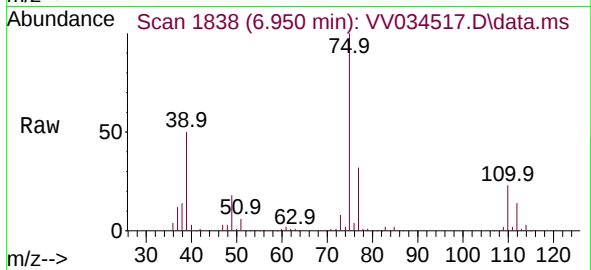




#39
 cis-1,3-Dichloropropene
 Concen: 50.752 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VV034517.D
 Acq: 08 Mar 2024 08:51

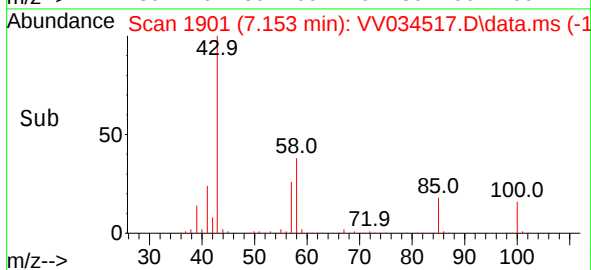
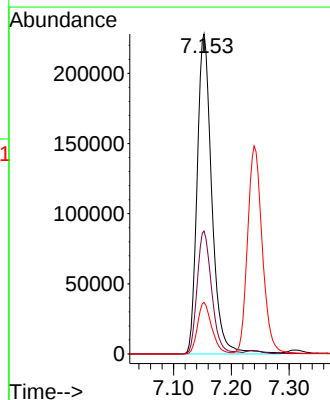
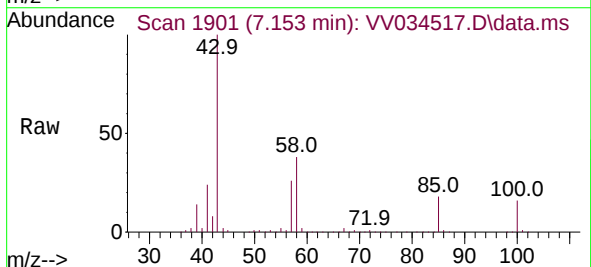
Instrument :
 MSVOA_V
 ClientSampleId :

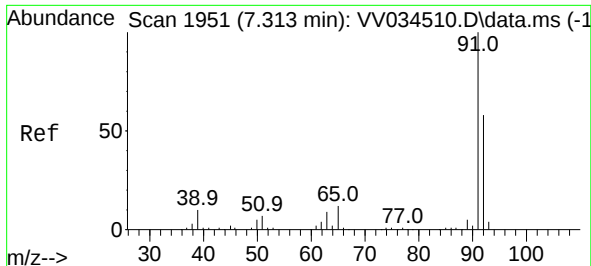
Tgt Ion: 75 Resp: 210102
 Ion Ratio Lower Upper
 75 100
 77 32.1 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 107.009 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.003 min
 Lab File: VV034517.D
 Acq: 08 Mar 2024 08:51

Tgt Ion: 43 Resp: 403175
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.6 46.0
 100 15.6 12.5 18.7





#42

Toluene

Concen: 50.499 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

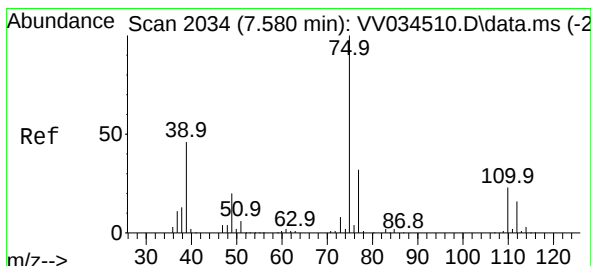
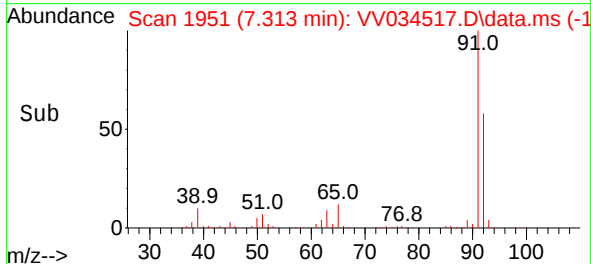
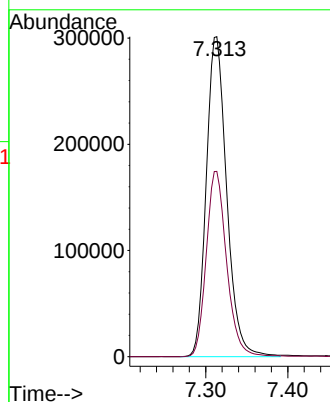
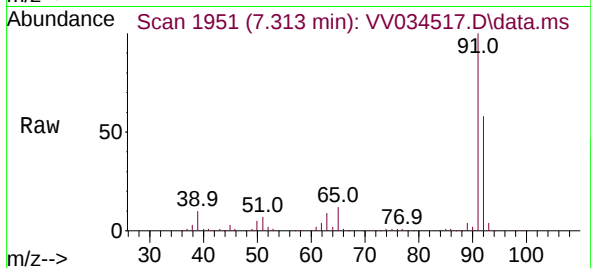
ClientSampleId :

Tgt Ion: 91 Resp: 521604

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.214 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.003 min

Lab File: VV034517.D

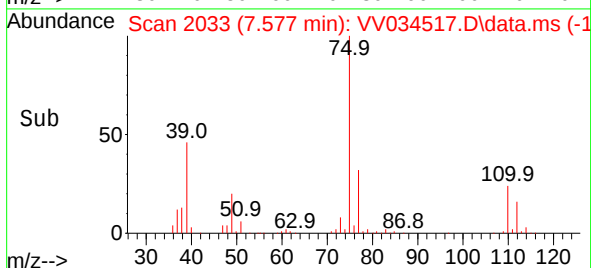
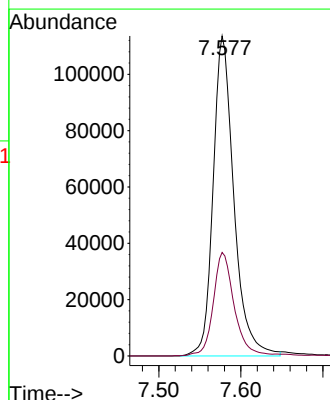
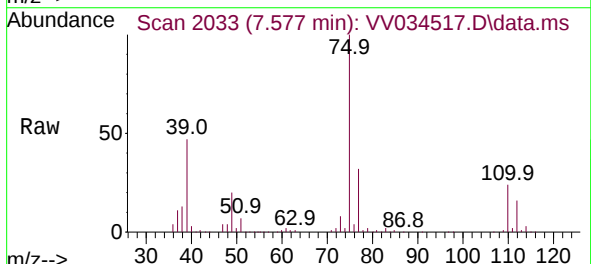
Acq: 08 Mar 2024 08:51

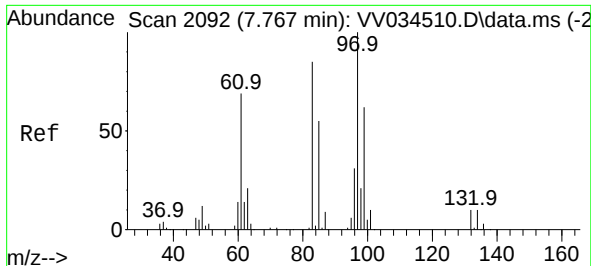
Tgt Ion: 75 Resp: 199927

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 51.153 ug/L

RT: 7.764 min Scan# 2091

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 126110

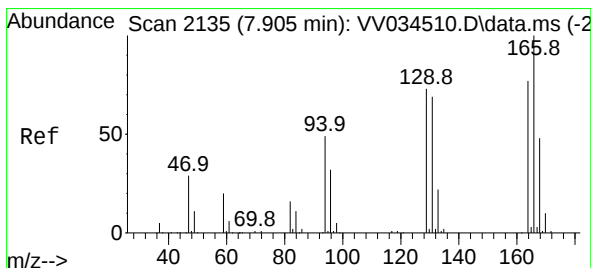
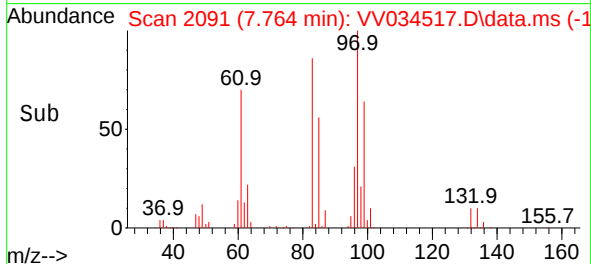
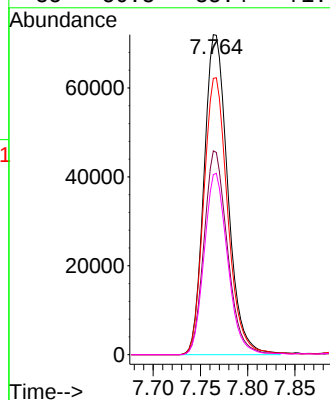
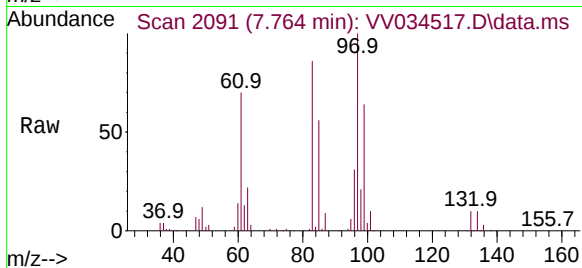
Ion Ratio Lower Upper

97 100

99 63.7 43.8 81.4

83 86.4 59.4 110.2

85 56.3 38.4 71.4



#46

Tetrachloroethene

Concen: 50.530 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Tgt Ion:164 Resp: 104250

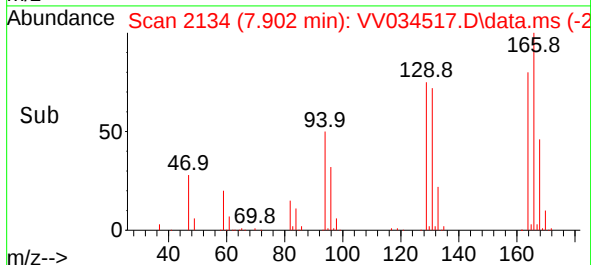
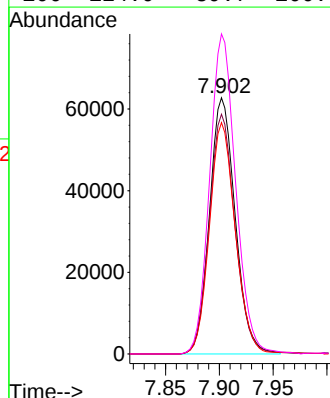
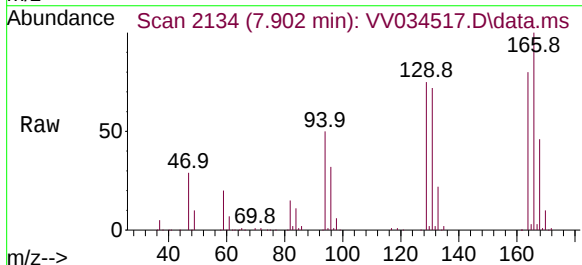
Ion Ratio Lower Upper

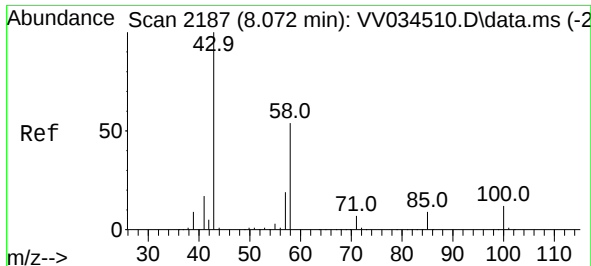
164 100

129 93.6 65.7 121.9

131 90.3 62.2 115.6

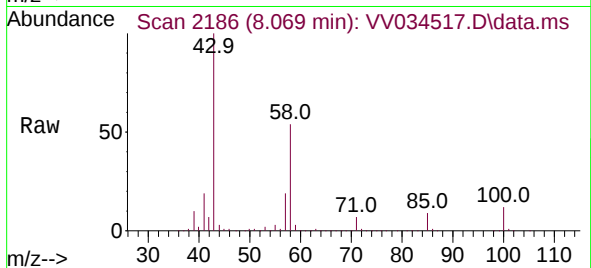
166 124.9 89.7 166.7



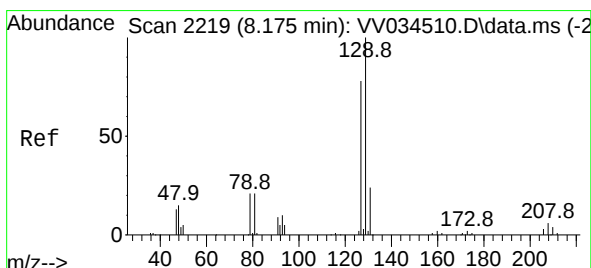
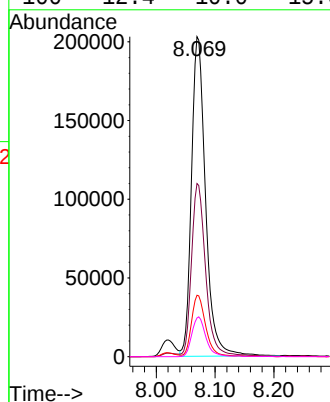
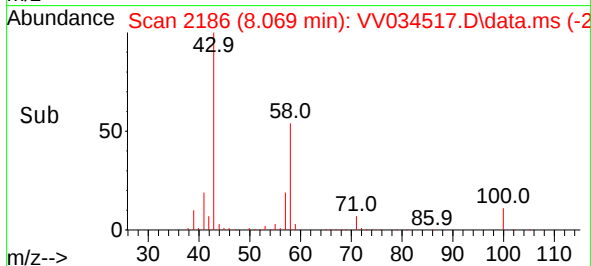


#48
2-Hexanone
Concen: 112.667 ug/L
RT: 8.069 min Scan# 2186
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Instrument :
MSVOA_V
ClientSampleId :

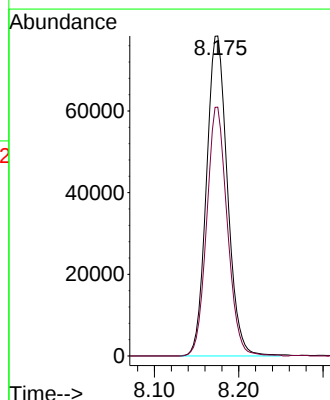
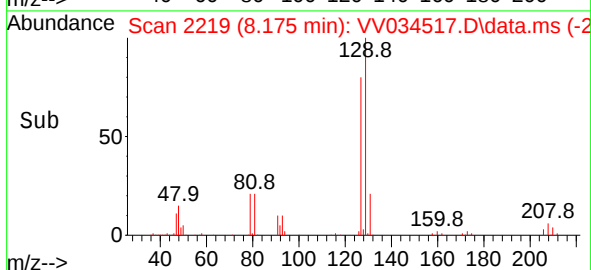
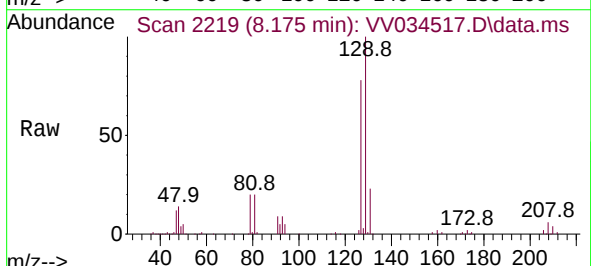


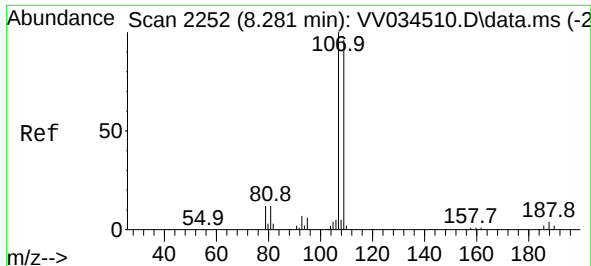
Tgt Ion: 43 Resp: 338255
Ion Ratio Lower Upper
43 100
58 53.6 42.0 63.0
57 19.1 15.2 22.8
100 12.4 10.0 15.0



#49
Dibromochloromethane
Concen: 52.183 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion: 129 Resp: 135760
Ion Ratio Lower Upper
129 100
127 77.7 53.3 98.9

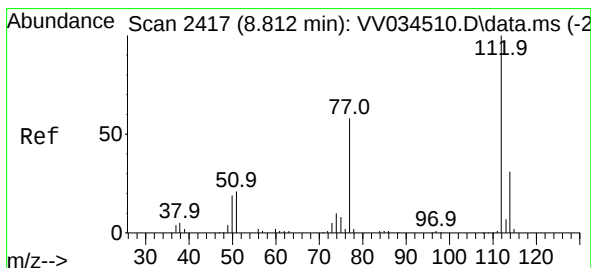
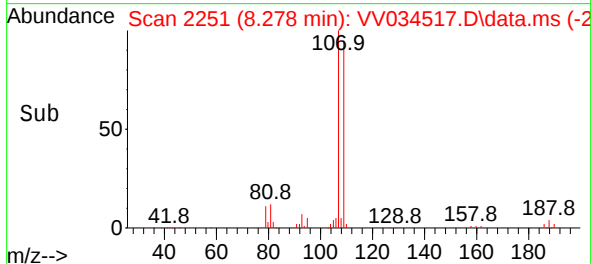
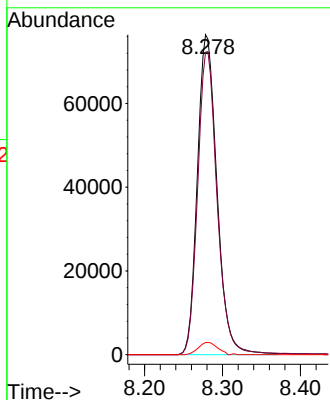
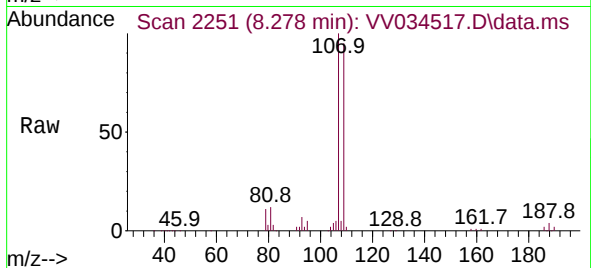




#50
1,2-Dibromoethane
Concen: 51.038 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

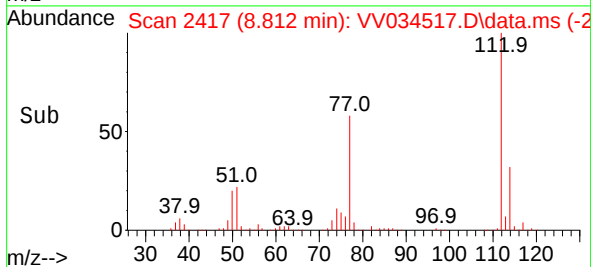
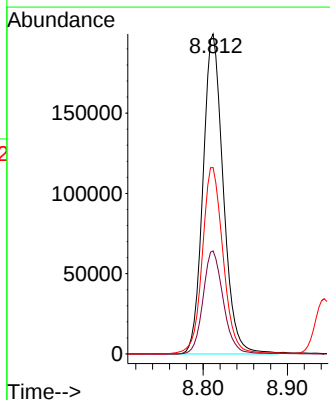
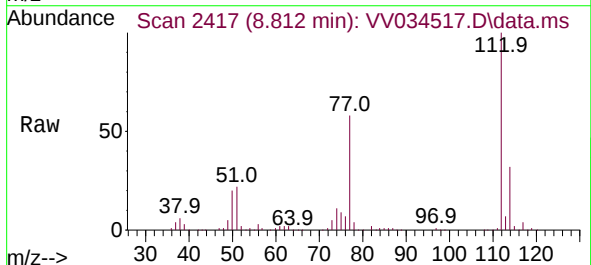
Instrument :
MSVOA_V
ClientSampleId :

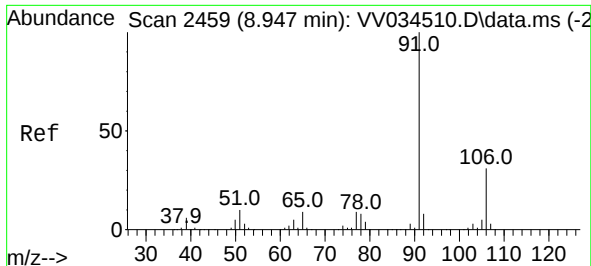
Tgt Ion:107 Resp: 133521
Ion Ratio Lower Upper
107 100
109 94.5 66.5 123.5
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 50.032 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion:112 Resp: 334082
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 58.3 47.7 71.5





#52

Ethylbenzene

Concen: 50.656 ug/L

RT: 8.944 min Scan# 2459

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

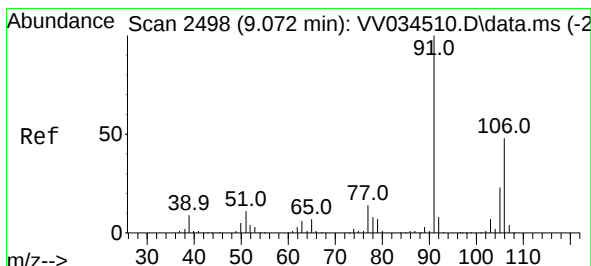
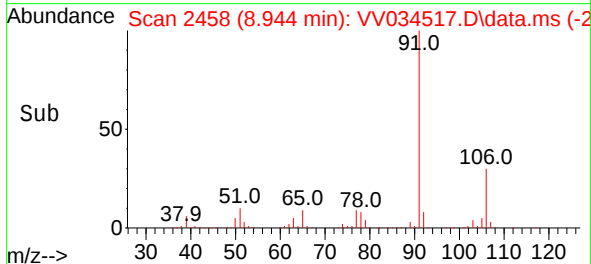
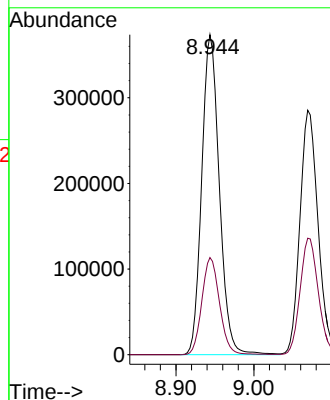
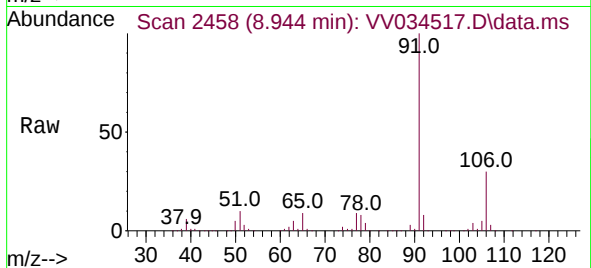
ClientSampleId :

Tgt Ion: 91 Resp: 586263

Ion Ratio Lower Upper

91 100

106 30.3 21.3 39.5



#53

m,p-Xylene

Concen: 50.229 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.003 min

Lab File: VV034517.D

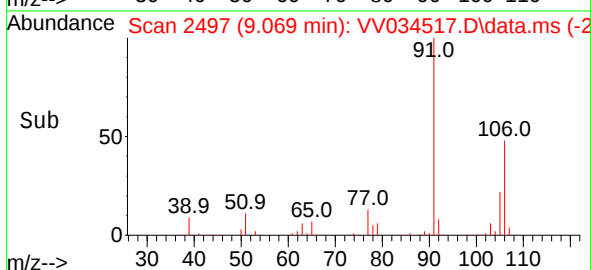
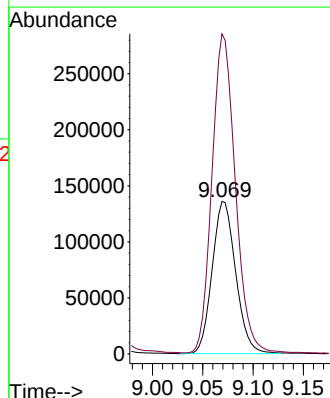
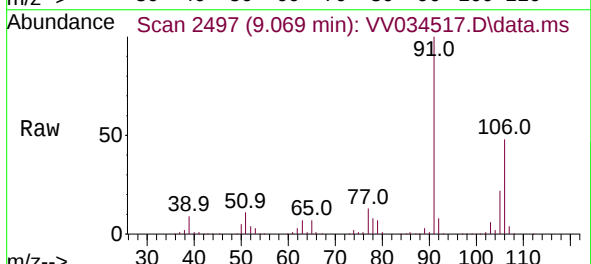
Acq: 08 Mar 2024 08:51

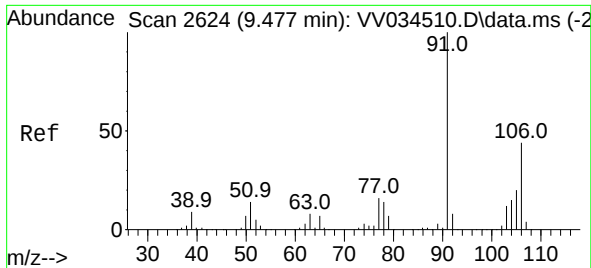
Tgt Ion:106 Resp: 220599

Ion Ratio Lower Upper

106 100

91 209.8 145.3 269.9

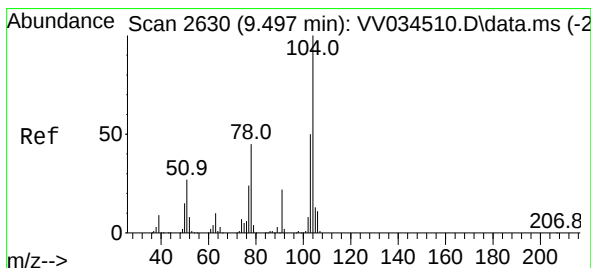
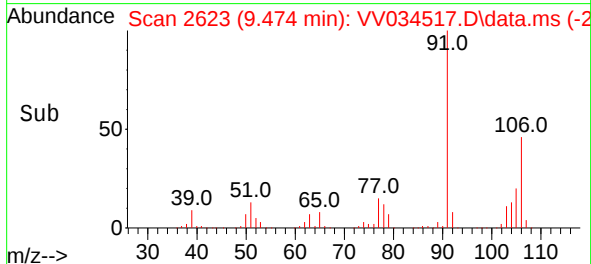
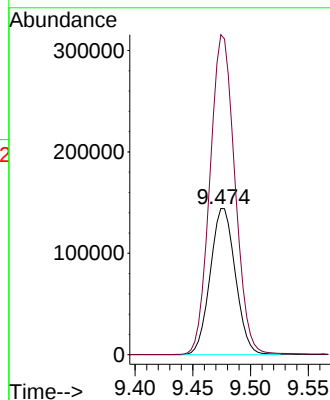
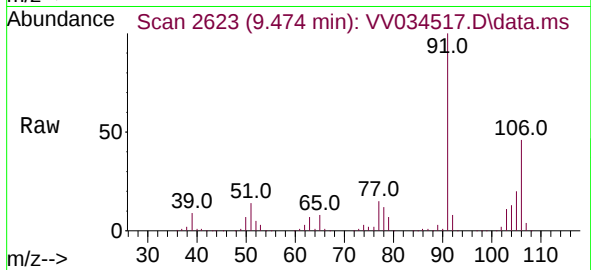




#54
o-Xylene
Concen: 50.898 ug/L
RT: 9.474 min Scan# 2624
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

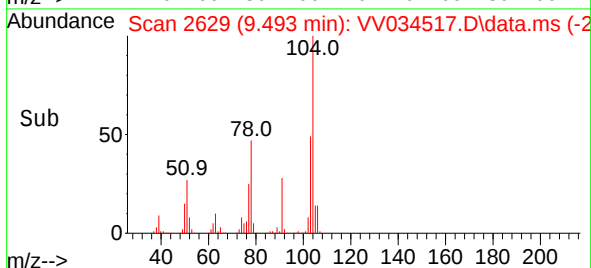
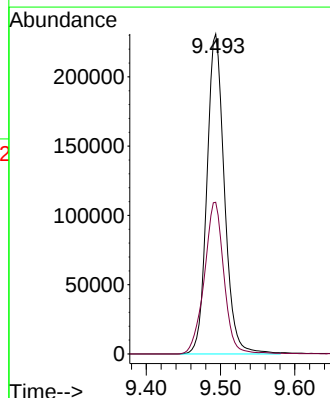
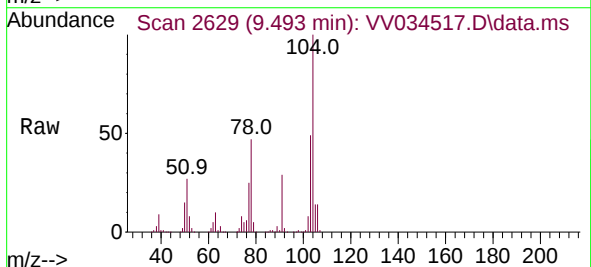
Instrument :
MSVOA_V
ClientSampleId :

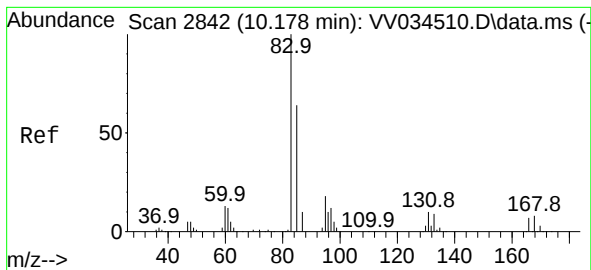
Tgt Ion:106 Resp: 218892
Ion Ratio Lower Upper
106 100
91 218.9 152.2 282.7



#55
Styrene
Concen: 51.877 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion:104 Resp: 377741
Ion Ratio Lower Upper
104 100
78 47.4 33.0 61.4

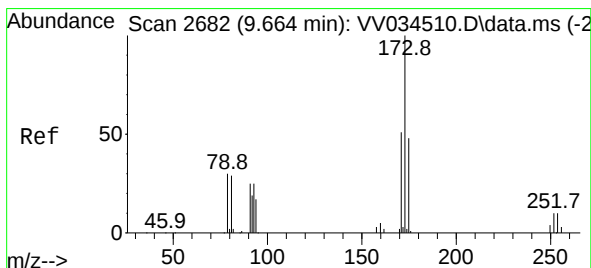
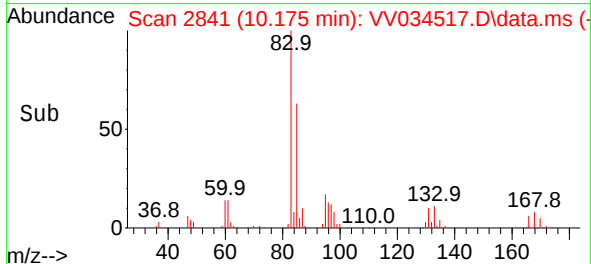
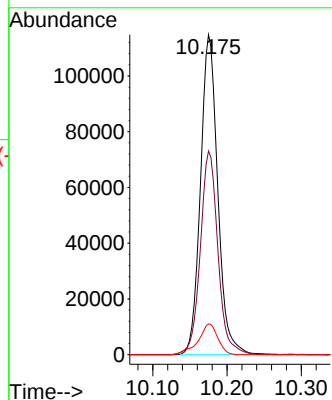
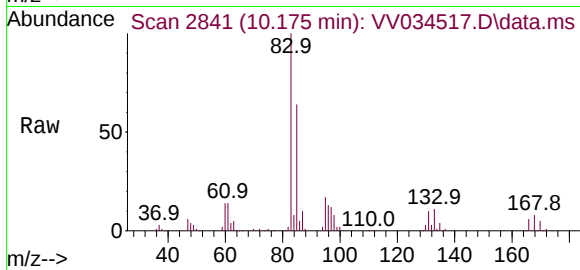




#57
1,1,2,2-Tetrachloroethane
Concen: 50.197 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

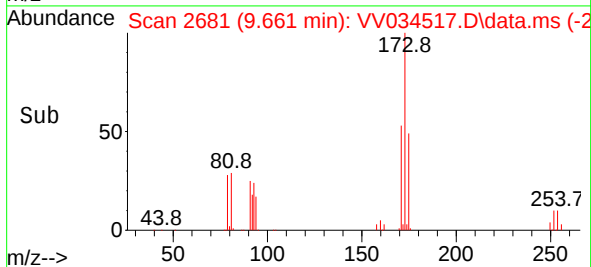
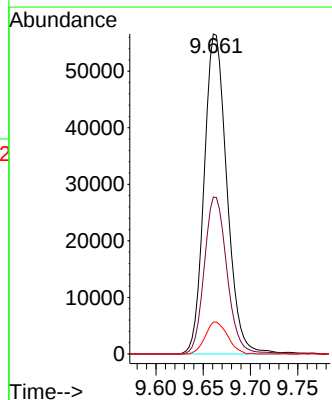
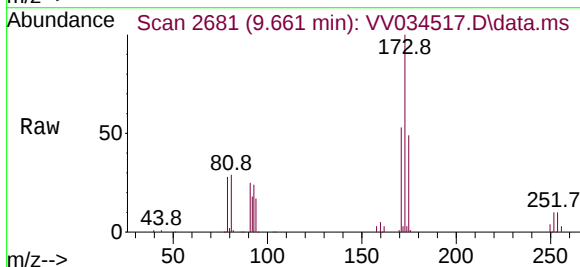
Instrument :
MSVOA_V
ClientSampleId :

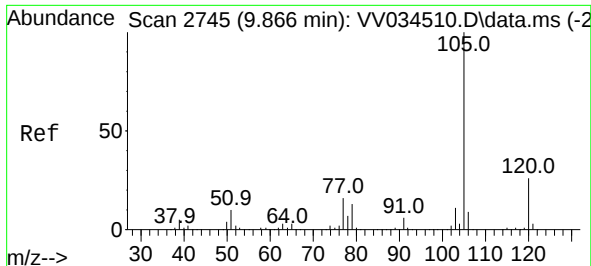
Tgt Ion: 83 Resp: 185872
Ion Ratio Lower Upper
83 100
85 63.6 45.4 84.2
131 9.7 8.3 12.5



#59
Bromoform
Concen: 51.224 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion: 173 Resp: 94685
Ion Ratio Lower Upper
173 100
175 49.0 39.1 58.7
254 9.8 7.8 11.8

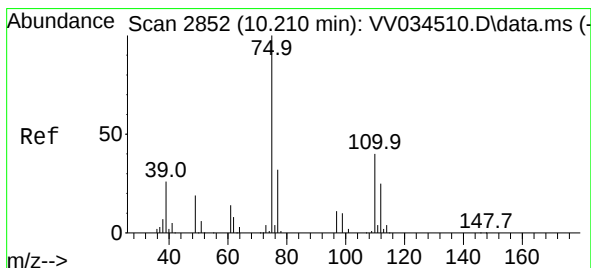
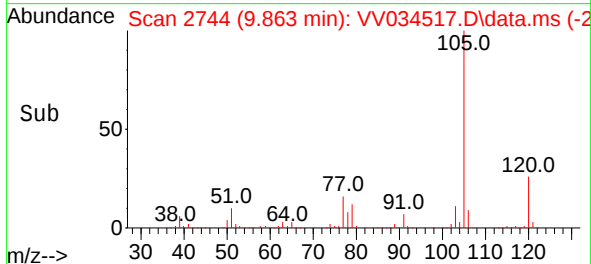
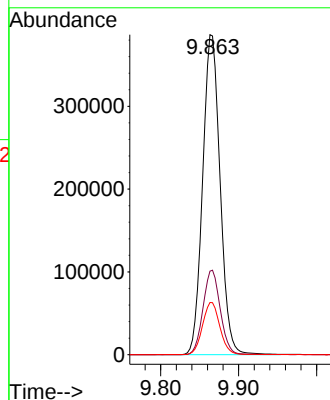
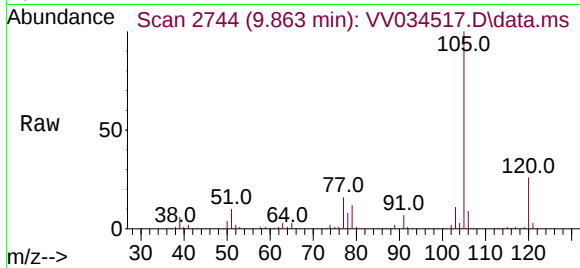




#60
Isopropylbenzene
Concen: 50.996 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

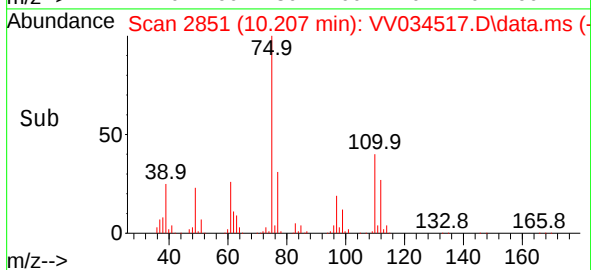
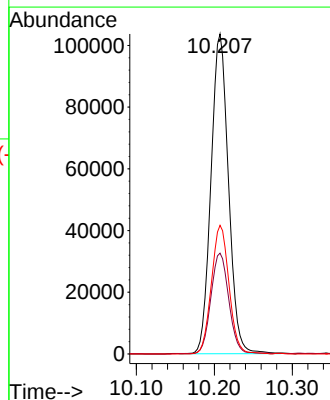
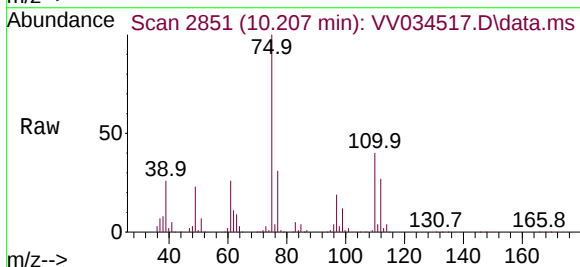
Instrument :
MSVOA_V
ClientSampleId :

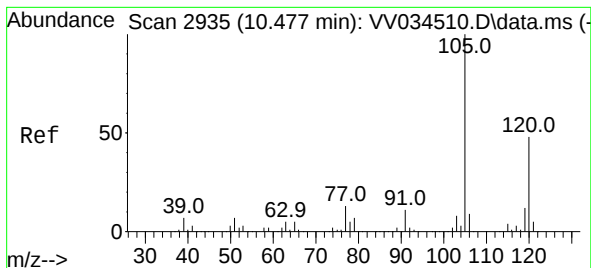
Tgt Ion:105 Resp: 601310
Ion Ratio Lower Upper
105 100
120 26.1 20.8 31.2
77 16.1 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 50.825 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion: 75 Resp: 161749
Ion Ratio Lower Upper
75 100
77 32.1 25.9 38.9
110 40.4 33.1 49.7





#62

1,3,5-Trimethylbenzene

Concen: 51.219 ug/L

RT: 10.474 min Scan# 2935

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

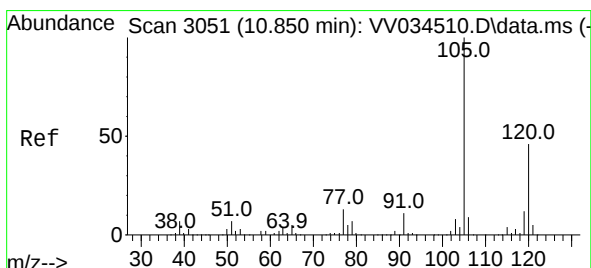
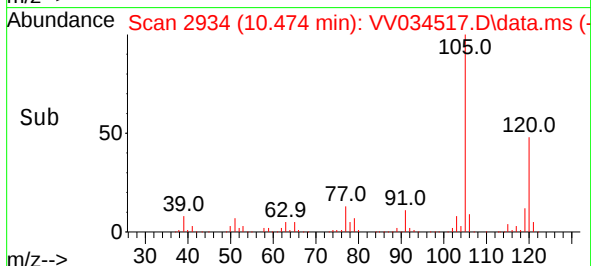
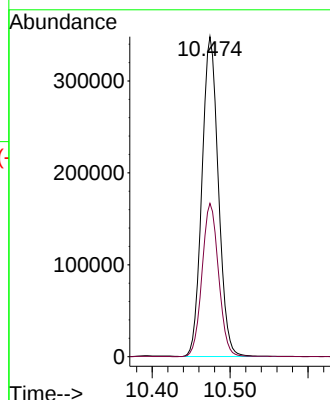
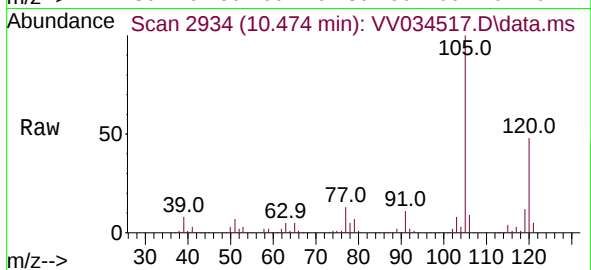
ClientSampleId :

Tgt Ion:105 Resp: 509449

Ion Ratio Lower Upper

105 100

120 48.2 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 51.731 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034517.D

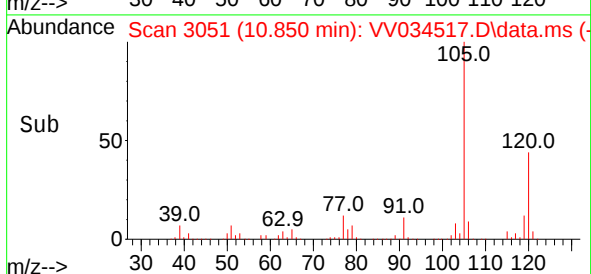
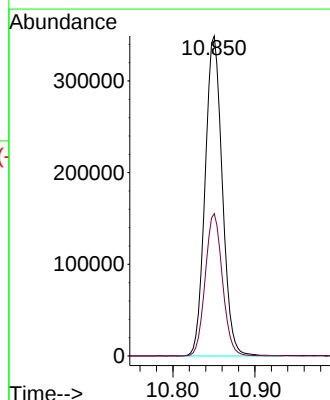
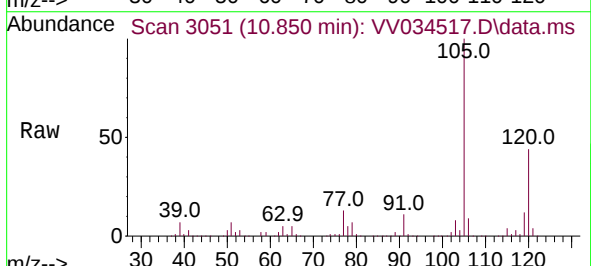
Acq: 08 Mar 2024 08:51

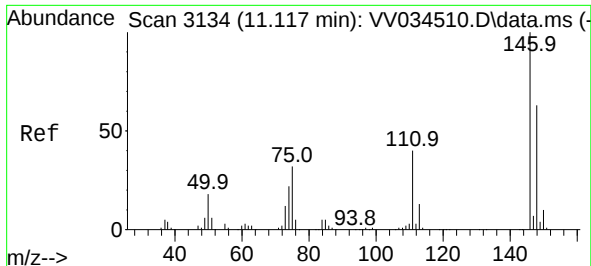
Tgt Ion:105 Resp: 508900

Ion Ratio Lower Upper

105 100

120 44.5 36.2 54.4

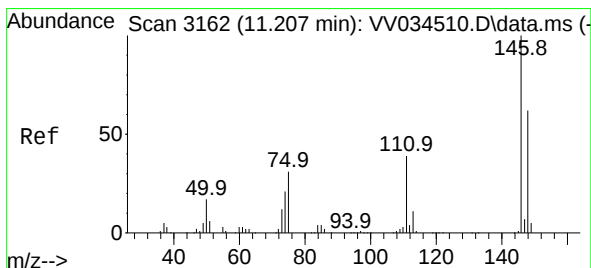
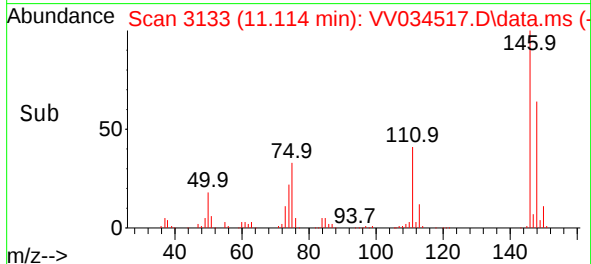
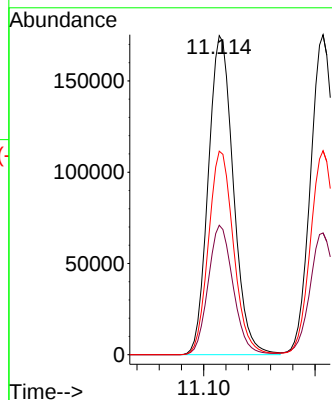
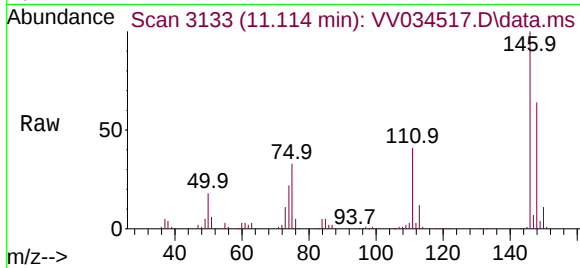




#64
1,3-Dichlorobenzene
Concen: 50.191 ug/L
RT: 11.114 min Scan# 3134
Delta R.T. -0.003 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

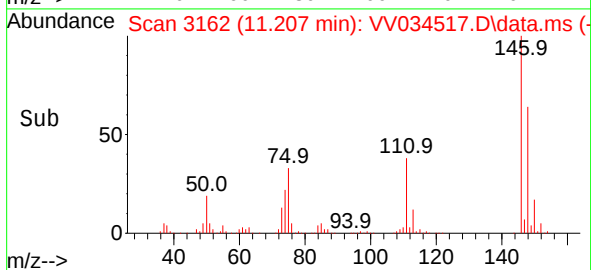
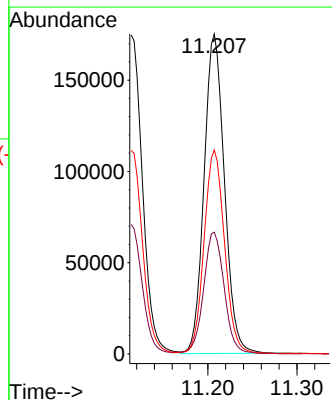
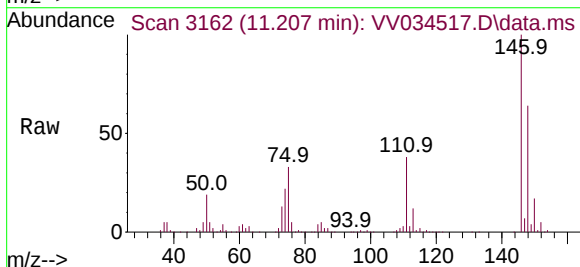
Instrument :
MSVOA_V
ClientSampleId :

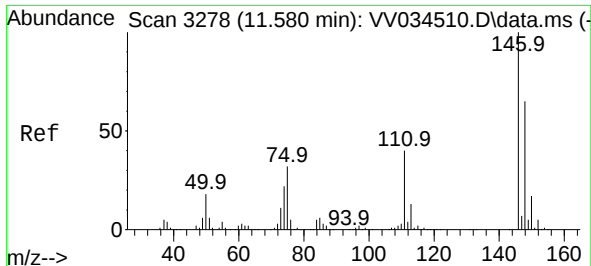
Tgt Ion:146 Resp: 273629
Ion Ratio Lower Upper
146 100
111 40.6 27.9 51.7
148 63.8 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.097 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV034517.D
Acq: 08 Mar 2024 08:51

Tgt Ion:146 Resp: 277353
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.1
148 63.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 50.469 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

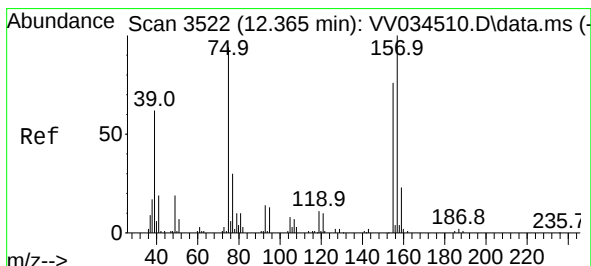
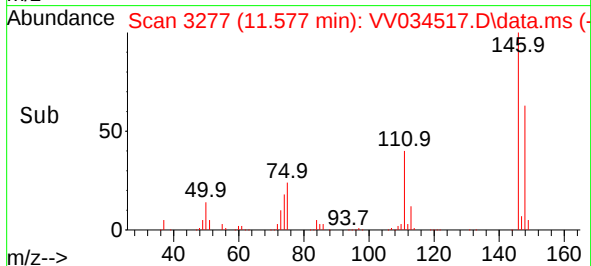
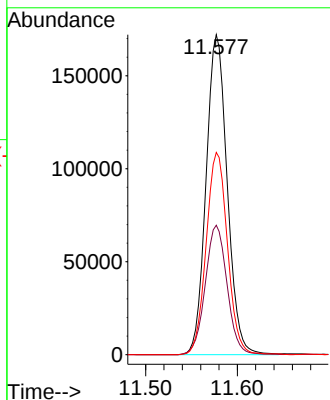
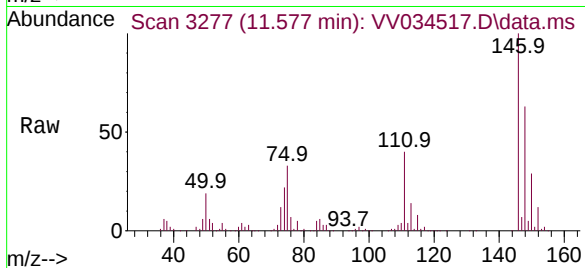
Tgt Ion:146 Resp: 275706

Ion Ratio Lower Upper

146 100

111 40.4 33.8 50.8

148 63.2 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 52.148 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

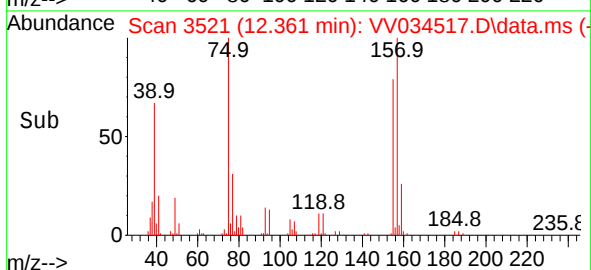
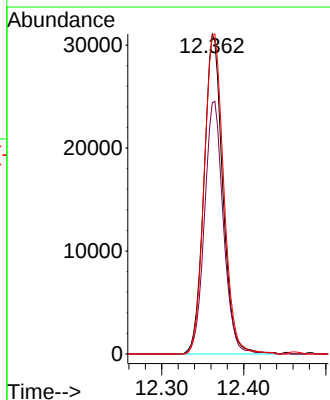
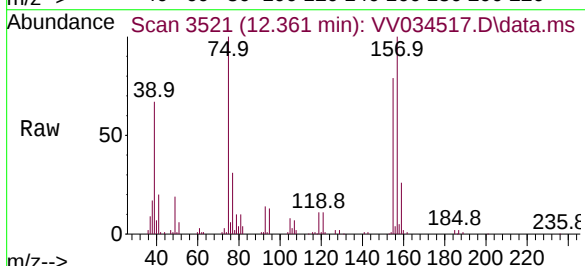
Tgt Ion: 75 Resp: 49437

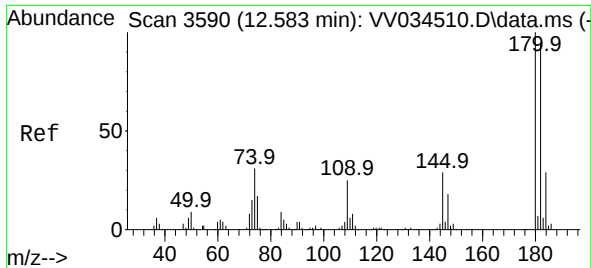
Ion Ratio Lower Upper

75 100

155 78.5 63.3 94.9

157 99.8 81.4 122.0





#69

1,3,5-Trichlorobenzene

Concen: 50.439 ug/L

RT: 12.580 min Scan# 3590

Delta R.T. -0.003 min

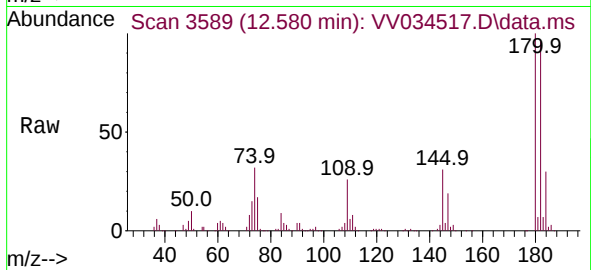
Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 206290

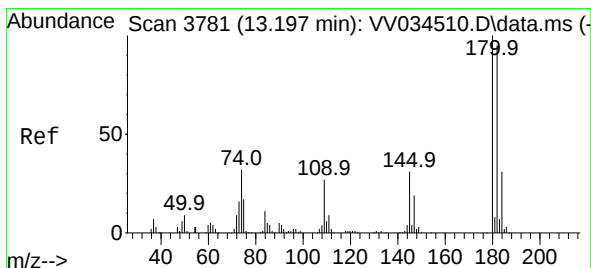
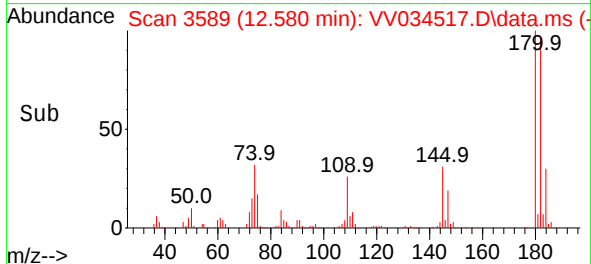
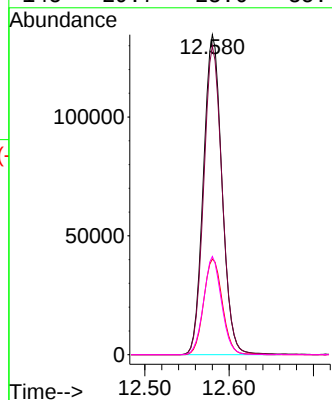
Ion Ratio Lower Upper

180 100

182 95.7 74.6 112.0

184 30.1 23.6 35.4

145 29.7 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 50.142 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

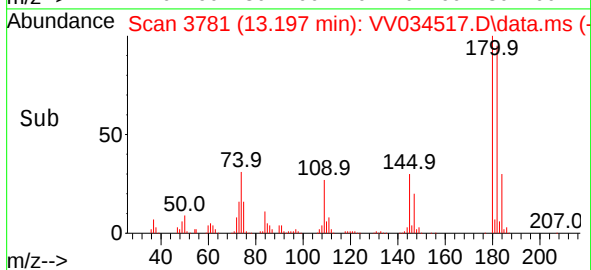
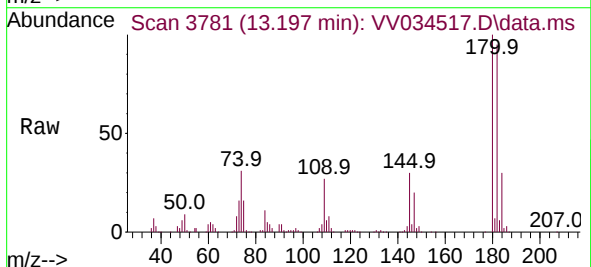
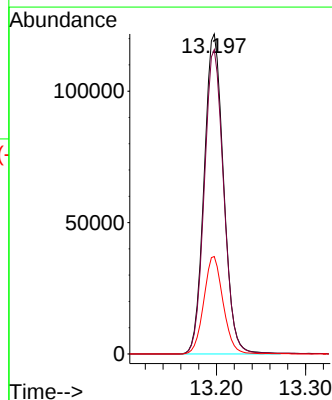
Tgt Ion:180 Resp: 184529

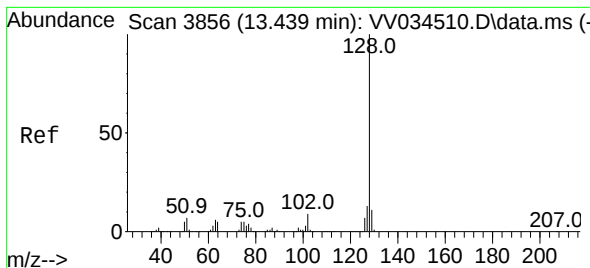
Ion Ratio Lower Upper

180 100

182 94.6 74.8 112.2

145 30.2 24.2 36.4





#71

Naphthalene

Concen: 50.895 ug/L

RT: 13.435 min Scan# 3856

Delta R.T. -0.003 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Instrument :

MSVOA_V

ClientSampleId :

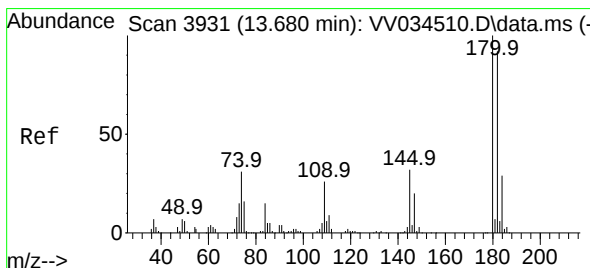
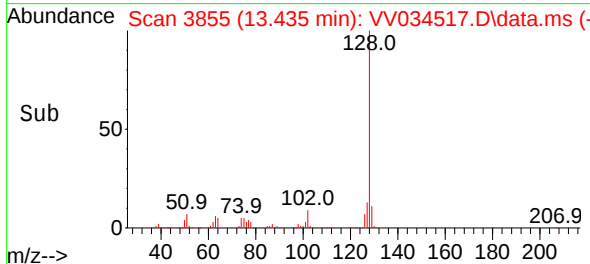
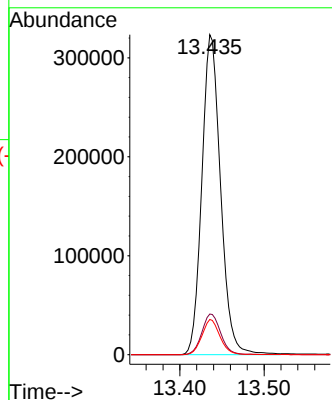
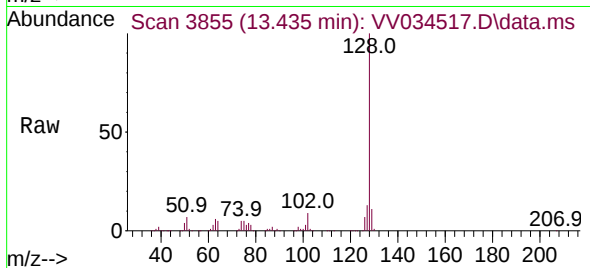
Tgt Ion:128 Resp: 501009

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.5 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.932 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.000 min

Lab File: VV034517.D

Acq: 08 Mar 2024 08:51

Tgt Ion:180 Resp: 182852

Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 32.1 25.5 38.3

