

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032624\
 Data File : VW034827.D
 Acq On : 26 Mar 2024 14:17
 Operator : SY/MD
 Sample : VSTD200
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 27 01:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	391088	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	384335	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	207748	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	743661	215.733	ug/L	0.00
7) Chloroethane-d5	1.526	69	545252	194.521	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	331479	213.801	ug/L	0.00
21) 2-Butanone-d5	3.777	46	980280	433.280	ug/L	0.00
24) Chloroform-d	4.246	84	1283870	211.455	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	816675	208.351	ug/L	0.00
32) Benzene-d6	4.957	84	2557864	215.999	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	825474	225.105	ug/L	0.00
41) Toluene-d8	7.240	98	2360625	220.219	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	437791	240.145	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	731636	425.987	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	1199325	246.498	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	939073	216.755	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	575602	150.235	ug/L	100
3) Chloromethane	1.217	50	726106	183.521	ug/L	100
5) Vinyl chloride	1.285	62	775393	199.386	ug/L	99
6) Bromomethane	1.484	94	553379	218.505	ug/L	99
8) Chloroethane	1.542	64	527755	221.713	ug/L	100
9) Trichlorofluoromethane	1.709	101	1027902	181.005	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	627490	200.148	ug/L	99
12) 1,1-Dichloroethene	2.066	96	600228	204.969	ug/L	97
13) Acetone	2.114	43	778329	301.638	ug/L	99
14) Carbon disulfide	2.240	76	1674368	206.594	ug/L	99
15) Methyl Acetate	2.368	43	673432	196.439	ug/L	99
16) Methylene chloride	2.446	84	633846	203.425	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	590479	208.305	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	2117515	208.360	ug/L	100
19) 1,1-Dichloroethane	3.108	63	1195180	213.810	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	686666	221.889	ug/L	99
22) 2-Butanone	3.857	43	976378	372.598	ug/L	95
23) Bromochloromethane	4.143	128	335507	210.953	ug/L	98
25) Chloroform	4.272	83	1181027	205.015	ug/L	99
27) 1,2-Dichloroethane	5.037	62	968571	208.117	ug/L	99
29) Cyclohexane	4.580	56	1017087	203.919	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	1003539	186.080	ug/L	99
31) Carbon tetrachloride	4.732	117	868294	183.029	ug/L	98
33) Benzene	5.008	78	2523773	209.586	ug/L	100
34) Trichloroethene	5.828	95	678104	200.119	ug/L	99
35) Methylcyclohexane	6.050	83	1078005	210.010	ug/L	100
37) 1,2-Dichloropropane	6.088	63	719958	225.109	ug/L	100
38) Bromodichloromethane	6.429	83	923055	209.703	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	1222966	238.461	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	1905714	416.473	ug/L	99
42) Toluene	7.314	91	2722504	213.790	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	1148670	233.713	ug/L	99

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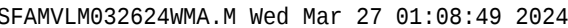
Instrument :
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 ClientSampleId :

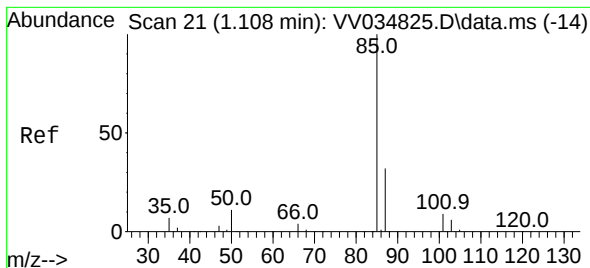
Quant Time: Mar 27 01:08:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:06:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	666029	217.387	ug/L	99
46) Tetrachloroethene	7.902	164	484117	194.913	ug/L	99
48) 2-Hexanone	8.072	43	1550721	425.489	ug/L	98
49) Dibromochloromethane	8.175	129	700229	219.223	ug/L	99
50) 1,2-Dibromoethane	8.278	107	727804	223.549	ug/L	99
51) Chlorobenzene	8.812	112	1770306	214.616	ug/L	99
52) Ethylbenzene	8.944	91	3114918	219.141	ug/L	99
53) m,p-Xylene	9.072	106	1182181	219.273	ug/L	100
54) o-Xylene	9.477	106	1174178	222.000	ug/L	99
55) Styrene	9.493	104	2042361	228.460	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	1139861	242.480	ug/L	100
59) Bromoform	9.661	173	547026	236.513	ug/L	99
60) Isopropylbenzene	9.866	105	3132480	212.356	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	887665	217.391	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	2110055	177.898	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	2625724	214.032	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	1412362	206.919	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	1429511	205.375	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1436362	209.819	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	262905	219.976	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	1073600	211.316	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	976650	213.328	ug/L	100
71) Naphthalene	13.435	128	2795726	231.024	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	934440	209.530	ug/L	100

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

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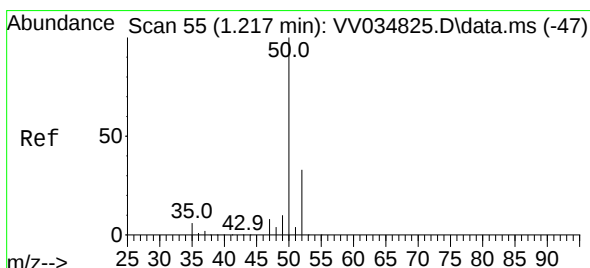
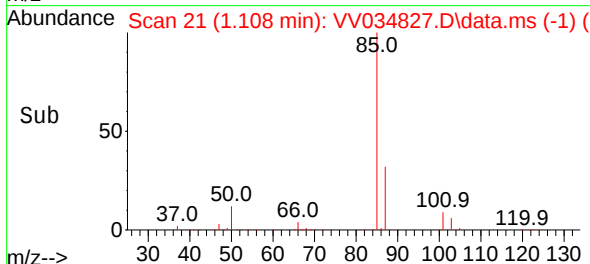
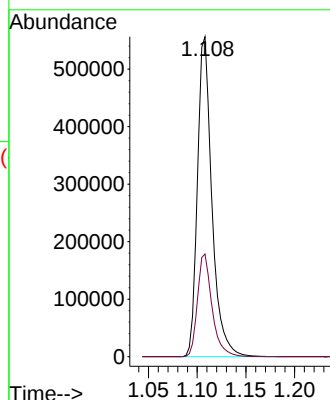
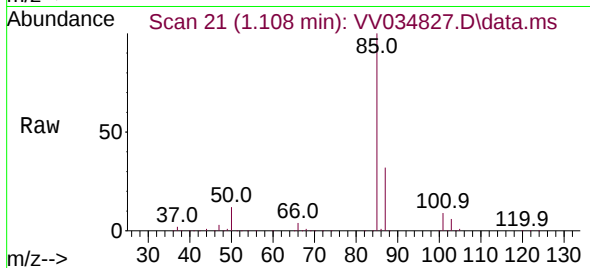




#2
 Dichlorodifluoromethane
 Concen: 150.235 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

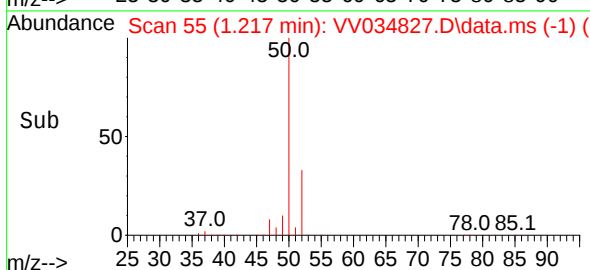
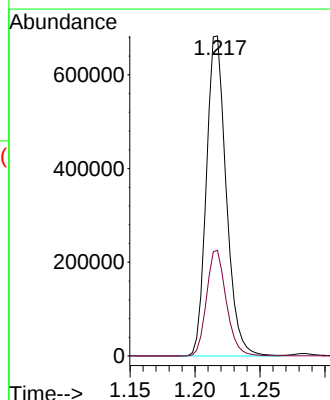
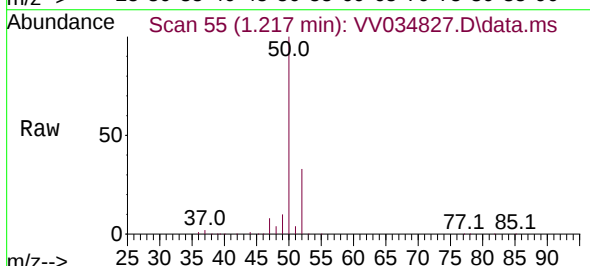
Instrument :
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 ClientSampleId :

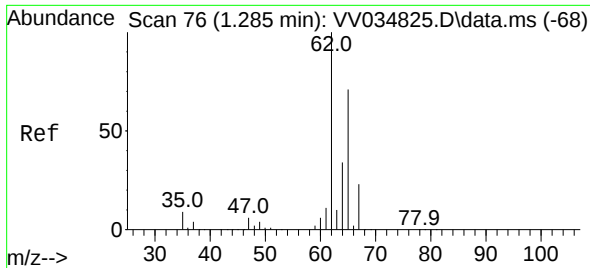
Tgt Ion: 85 Resp: 575602
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.7 38.5



#3
 Chloromethane
 Concen: 183.521 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

Tgt Ion: 50 Resp: 726106
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

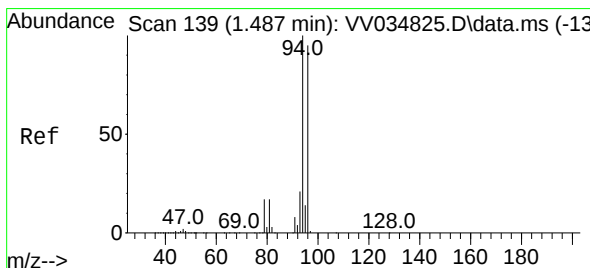
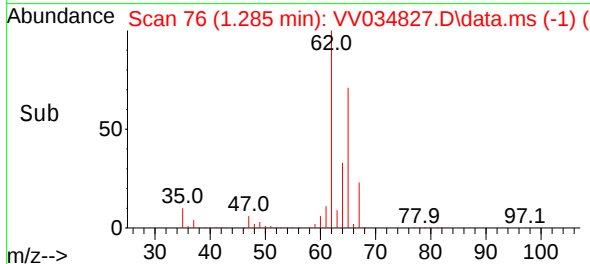
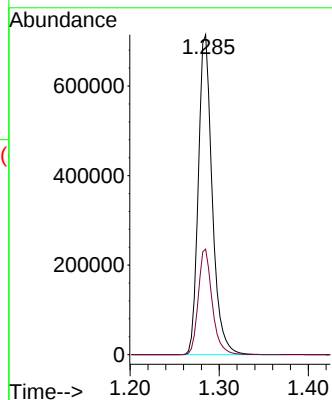
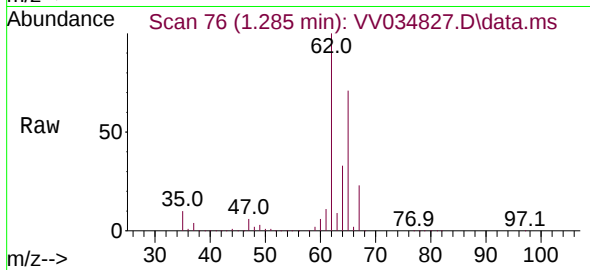




#5
 Vinyl chloride
 Concen: 199.386 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

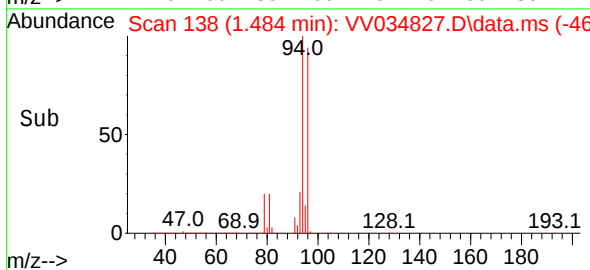
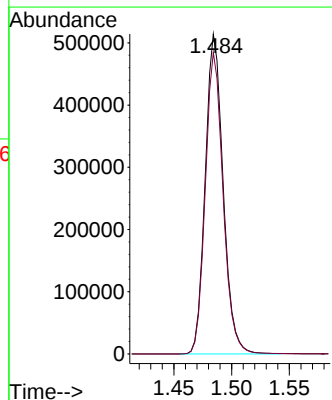
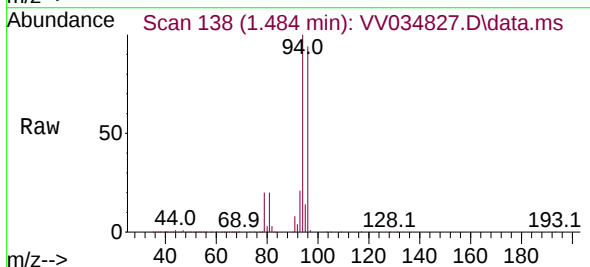
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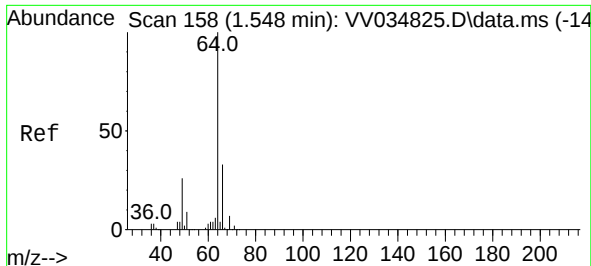
Tgt Ion: 62 Resp: 775393
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.6 43.8



#6
 Bromomethane
 Concen: 218.505 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

Tgt Ion: 94 Resp: 553379
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.3 123.1

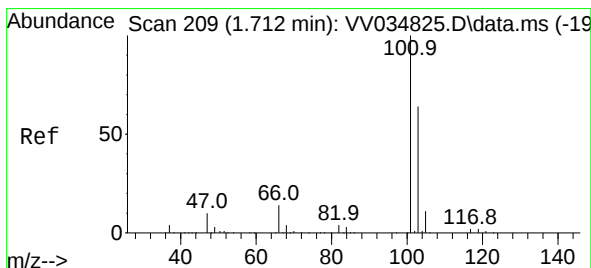
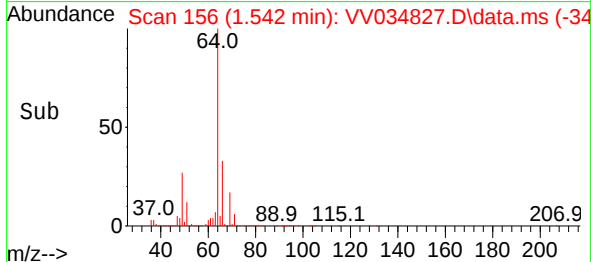
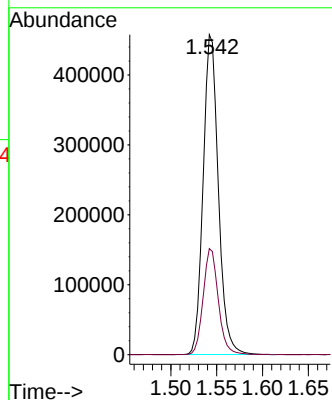
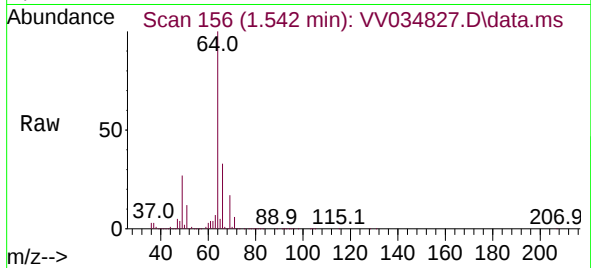




#8
Chloroethane
Concen: 221.713 ug/L
RT: 1.542 min Scan# 158
Delta R.T. -0.006 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

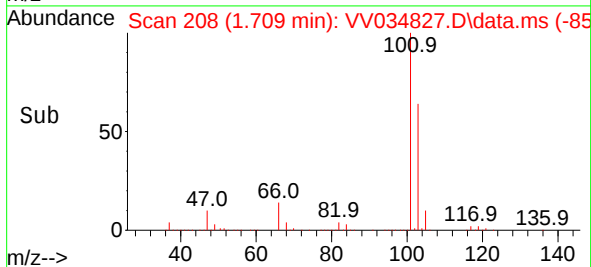
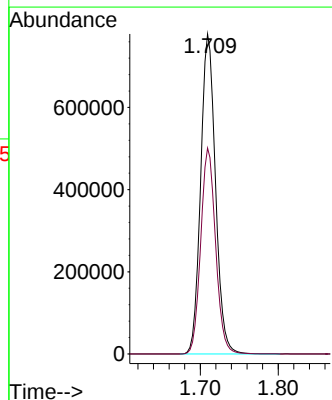
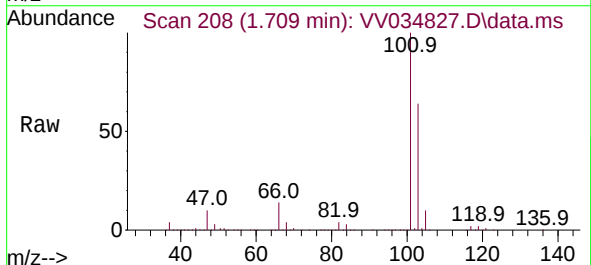
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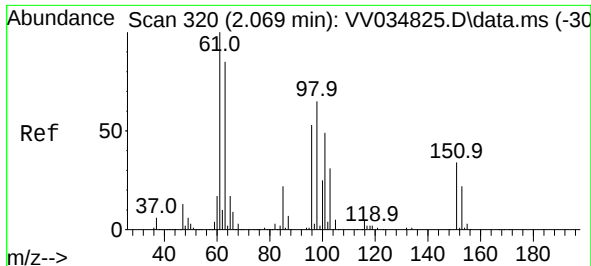
Tgt Ion: 64 Resp: 527755
Ion Ratio Lower Upper
64 100
66 33.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 181.005 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion:101 Resp: 1027902
Ion Ratio Lower Upper
101 100
103 64.6 51.6 77.4

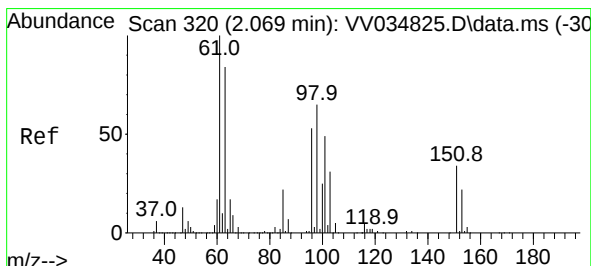
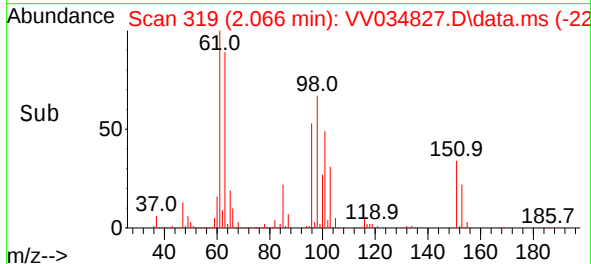
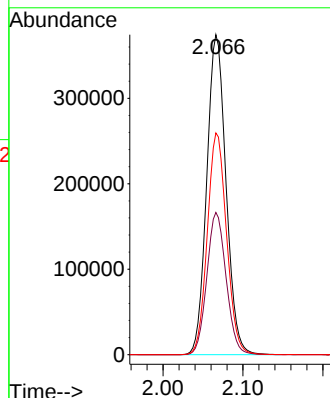
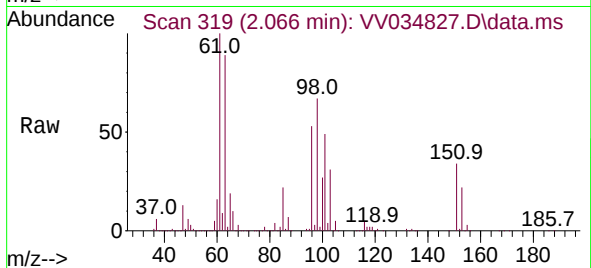




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 200.148 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

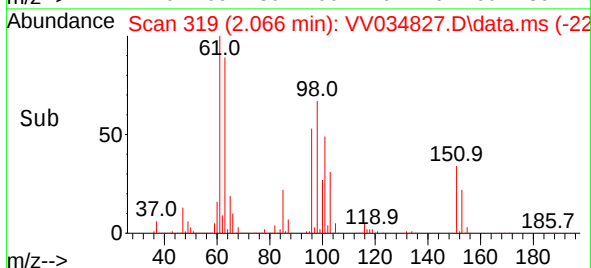
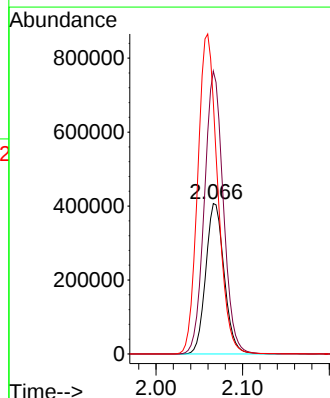
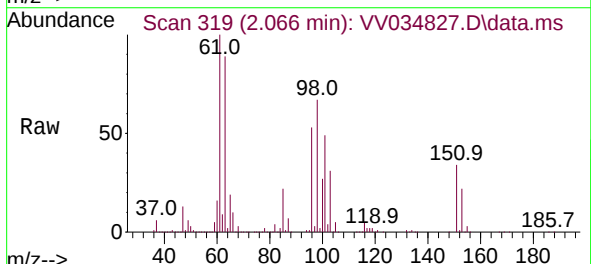
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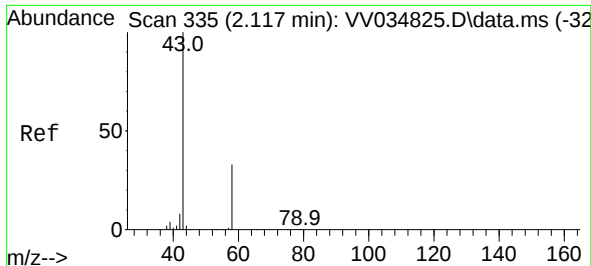
Tgt Ion:101 Resp: 627490
 Ion Ratio Lower Upper
 101 100
 85 44.5 35.3 52.9
 151 69.3 55.0 82.4



#12
 1,1-Dichloroethene
 Concen: 204.969 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

Tgt Ion: 96 Resp: 600228
 Ion Ratio Lower Upper
 96 100
 61 188.1 131.5 244.3
 63 167.5 111.4 206.8





#13

Acetone

Concen: 301.638 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

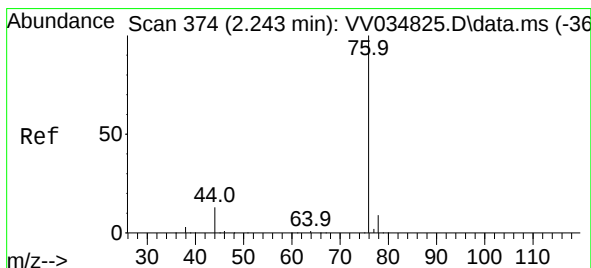
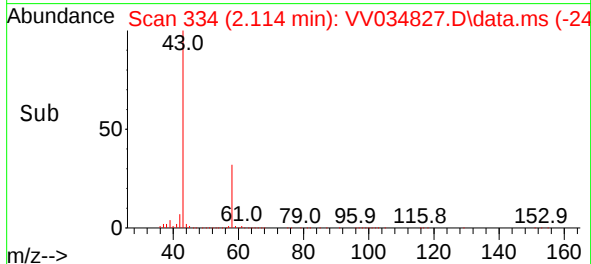
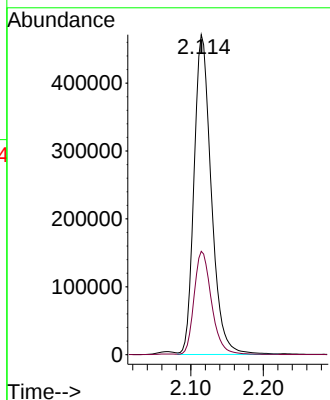
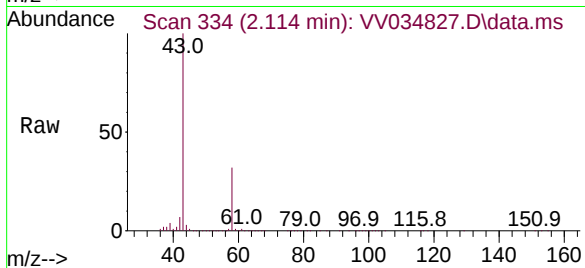
ClientSampleId :

Tgt Ion: 43 Resp: 778329

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.0



#14

Carbon disulfide

Concen: 206.594 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV034827.D

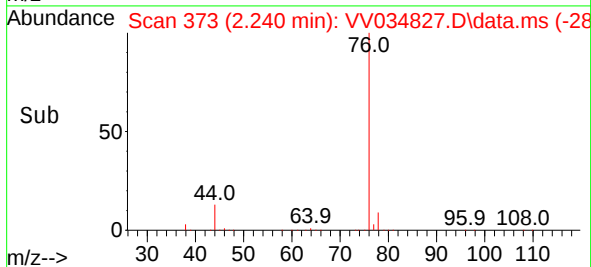
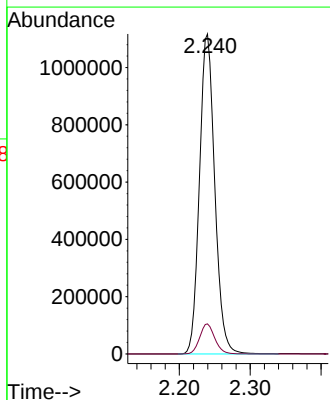
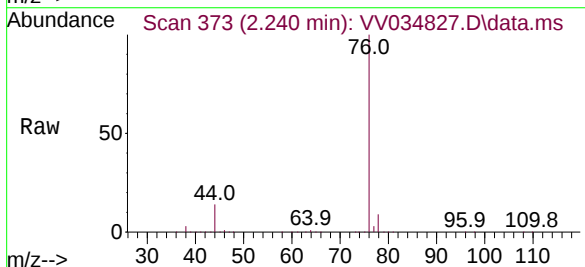
Acq: 26 Mar 2024 14:17

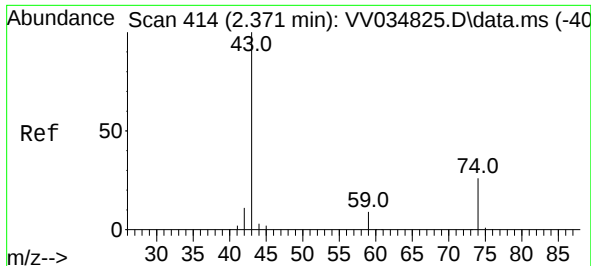
Tgt Ion: 76 Resp: 1674368

Ion Ratio Lower Upper

76 100

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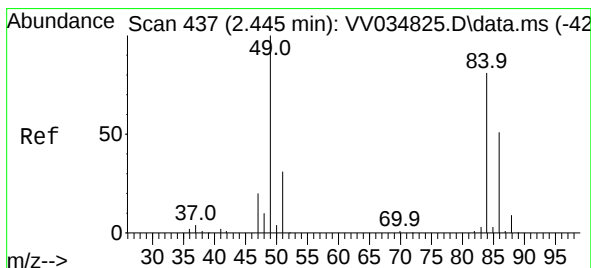
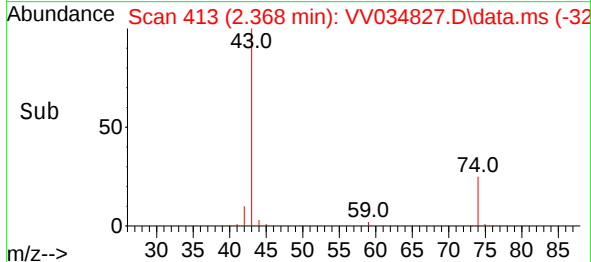
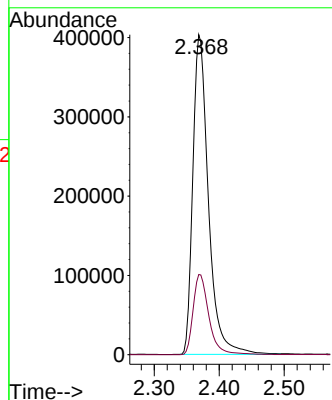
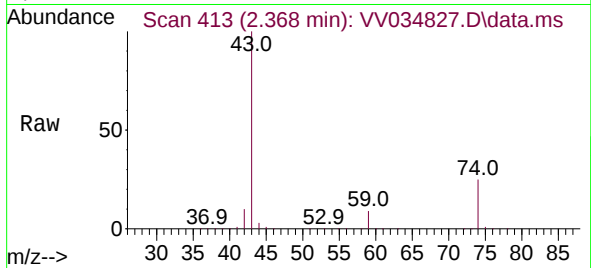




#15
Methyl Acetate
Concen: 196.439 ug/L
RT: 2.368 min Scan# 414
Delta R.T. -0.003 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

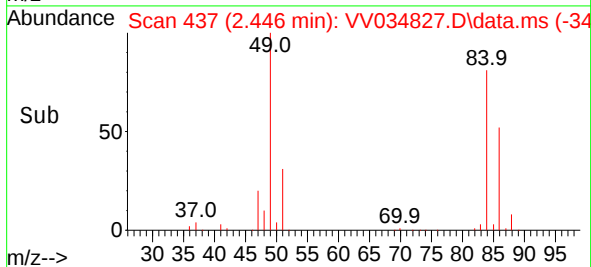
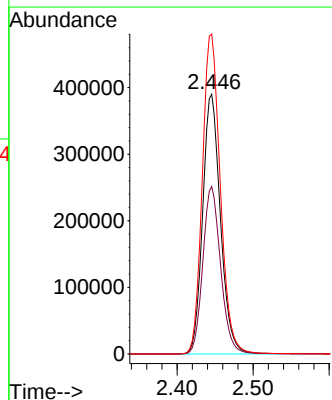
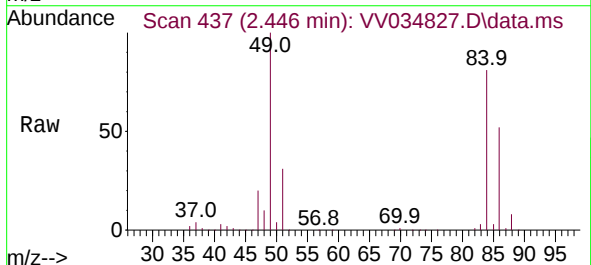
Instrument :
MSVOA_V
ClientSampleId :

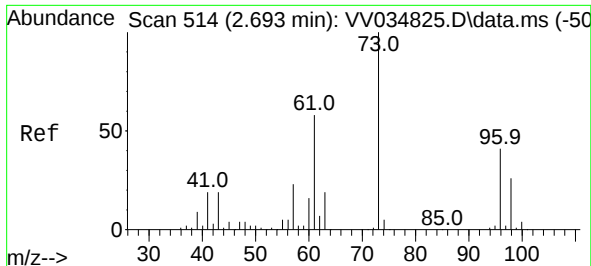
Tgt Ion: 43 Resp: 673432
Ion Ratio Lower Upper
43 100
74 25.4 19.8 29.8



#16
Methylene chloride
Concen: 203.425 ug/L
RT: 2.446 min Scan# 437
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion: 84 Resp: 633846
Ion Ratio Lower Upper
84 100
86 64.4 44.6 82.8
49 123.2 86.9 161.3





#17

trans-1,2-Dichloroethene

Concen: 208.305 ug/L

RT: 2.690 min Scan# 514

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

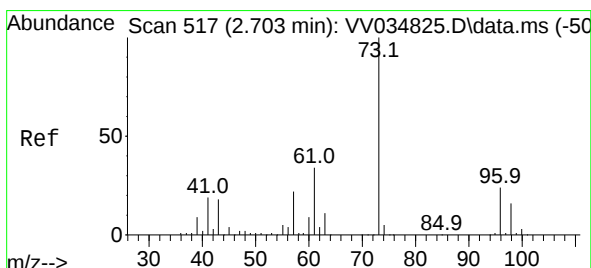
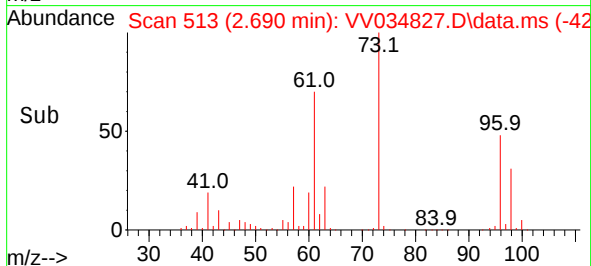
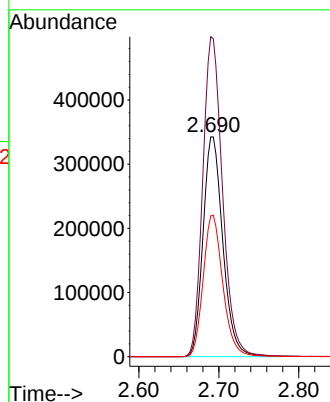
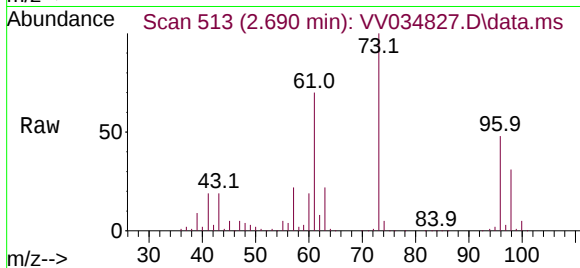
Tgt Ion: 96 Resp: 590479

Ion Ratio Lower Upper

96 100

61 145.6 99.0 183.8

98 64.1 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 208.360 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

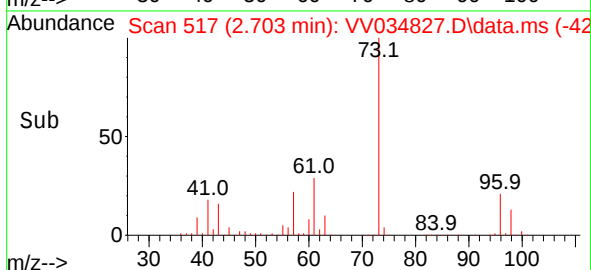
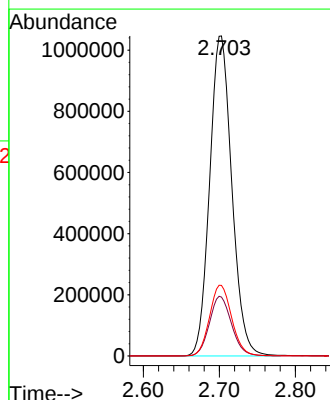
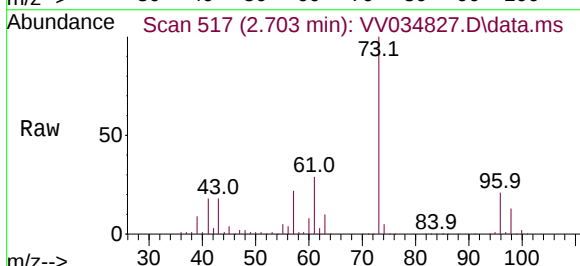
Tgt Ion: 73 Resp: 2117515

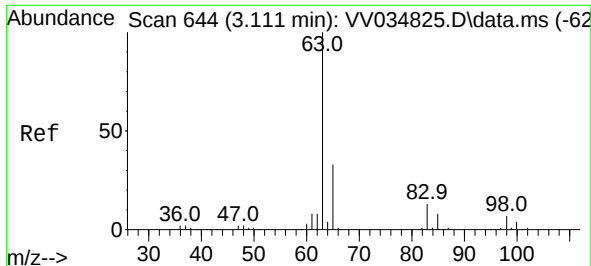
Ion Ratio Lower Upper

73 100

43 18.5 14.6 21.8

57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 213.810 ug/L

RT: 3.108 min Scan# 644

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

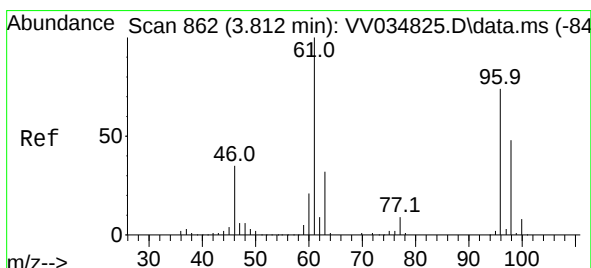
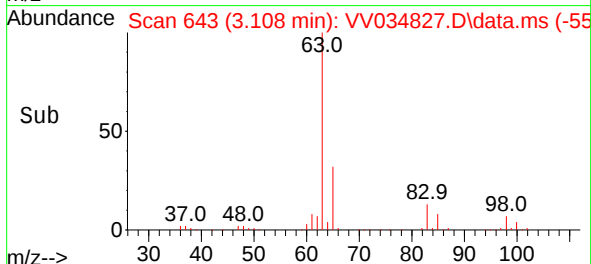
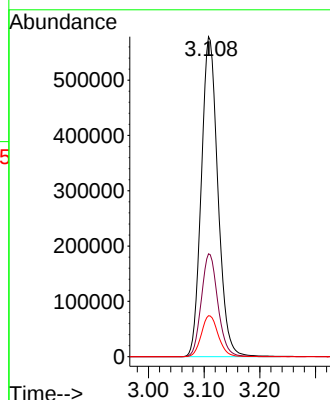
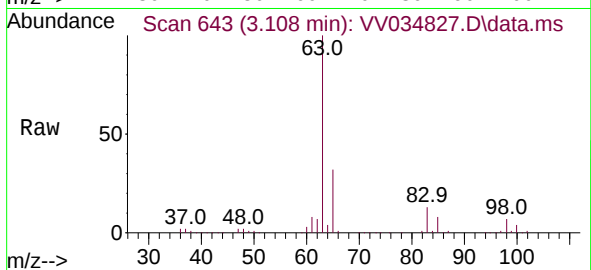
Tgt Ion: 63 Resp: 1195180

Ion Ratio Lower Upper

63 100

65 32.1 23.0 42.6

83 12.8 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 221.889 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

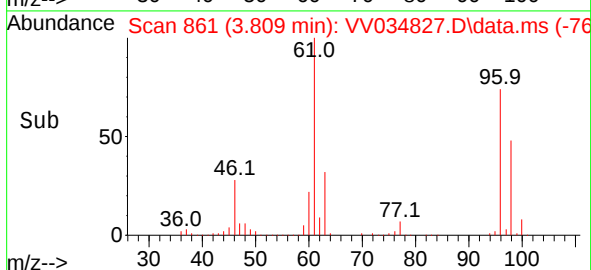
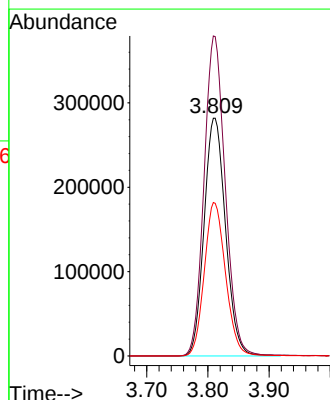
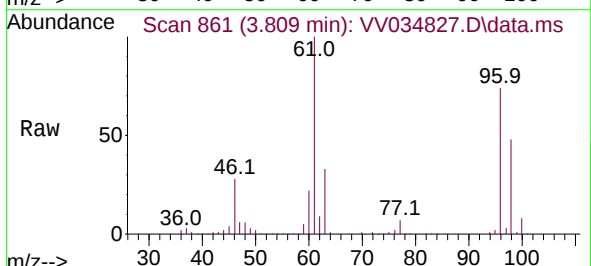
Tgt Ion: 96 Resp: 686666

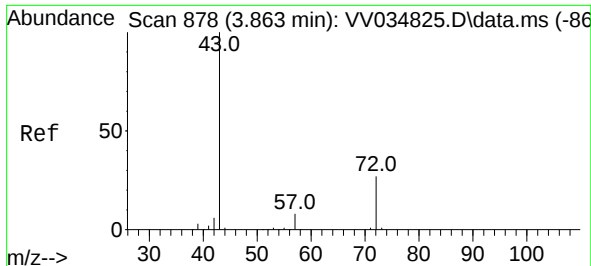
Ion Ratio Lower Upper

96 100

61 134.6 94.9 176.3

98 64.5 45.6 84.8





#22

2-Butanone

Concen: 372.598 ug/L

RT: 3.857 min Scan# 81

Delta R.T. -0.006 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

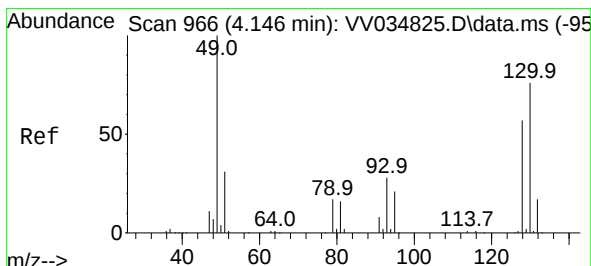
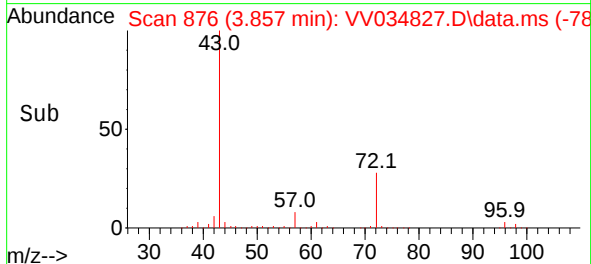
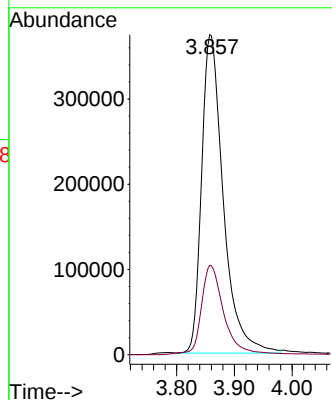
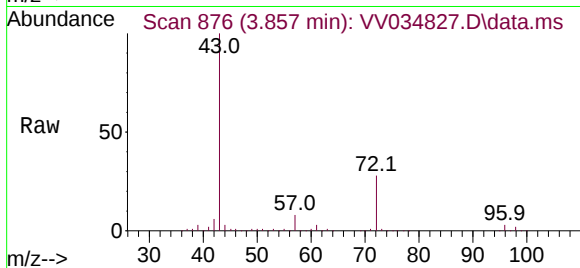
ClientSampleId :

Tgt Ion: 43 Resp: 976378

Ion Ratio Lower Upper

43 100

72 29.1 13.2 39.6



#23

Bromochloromethane

Concen: 210.953 ug/L

RT: 4.143 min Scan# 965

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Tgt Ion:128 Resp: 335507

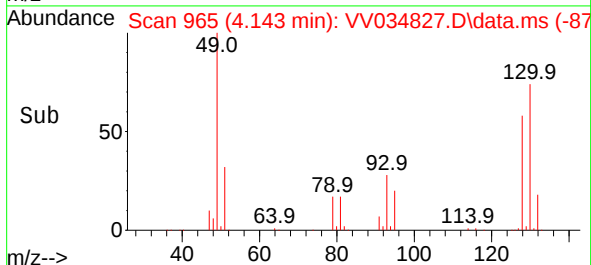
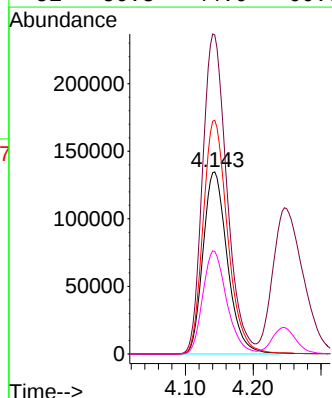
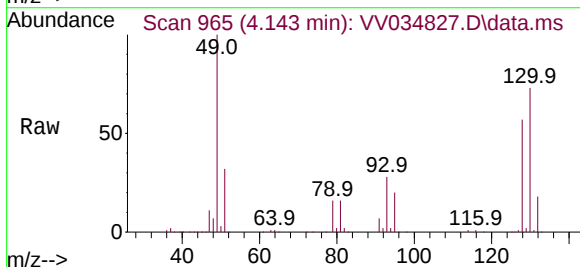
Ion Ratio Lower Upper

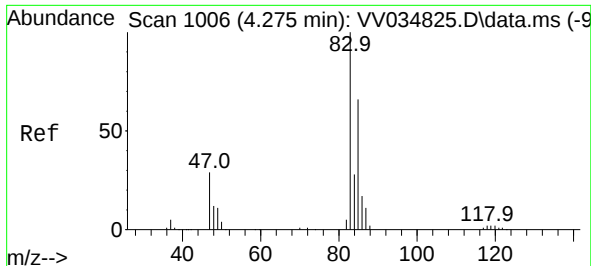
128 100

49 175.2 123.8 229.8

130 128.4 93.2 173.0

51 56.3 44.0 66.0





#25

Chloroform

Concen: 205.015 ug/L

RT: 4.272 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

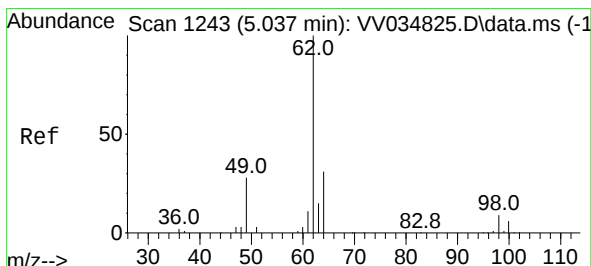
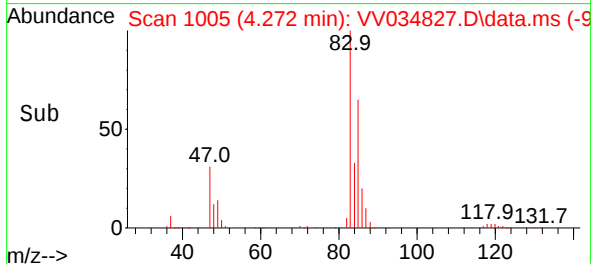
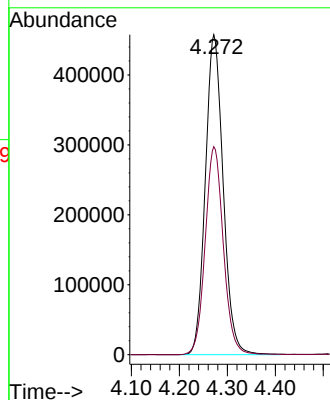
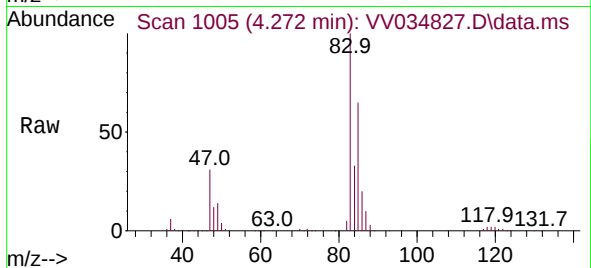
ClientSampleId :

Tgt Ion: 83 Resp: 1181027

Ion Ratio Lower Upper

83 100

85 65.0 46.0 85.4



#27

1,2-Dichloroethane

Concen: 208.117 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV034827.D

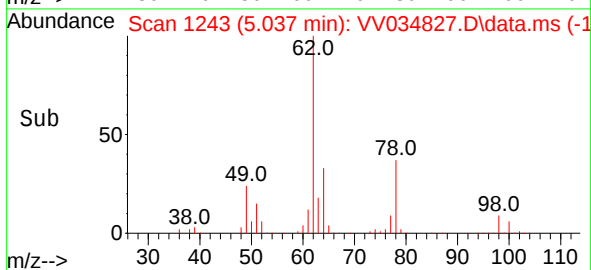
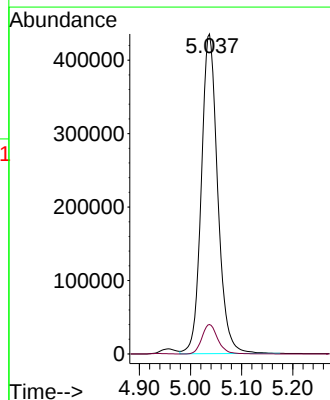
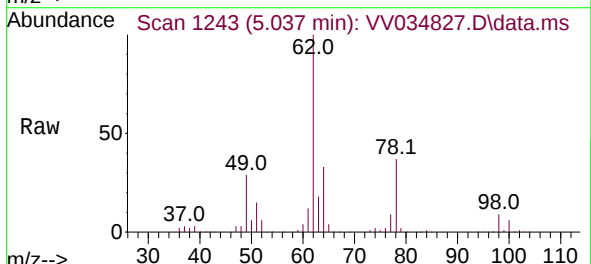
Acq: 26 Mar 2024 14:17

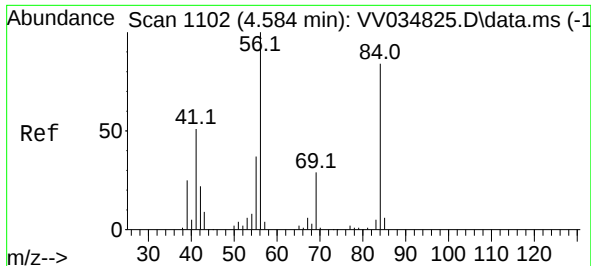
Tgt Ion: 62 Resp: 968571

Ion Ratio Lower Upper

62 100

98 9.2 7.2 10.8





#29

Cyclohexane

Concen: 203.919 ug/L

RT: 4.580 min Scan# 1102

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

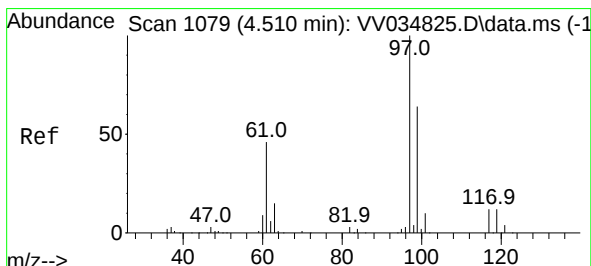
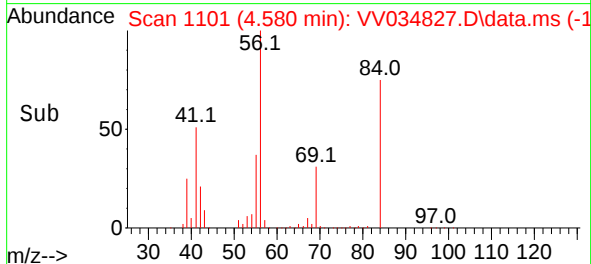
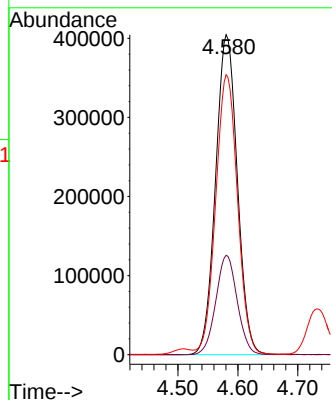
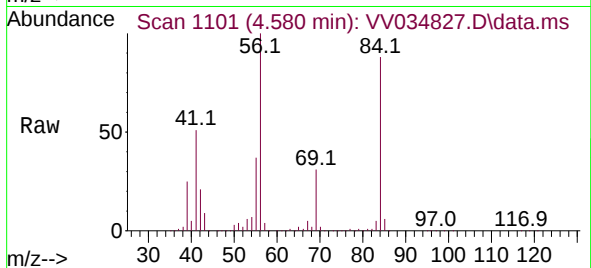
Tgt Ion: 56 Resp: 1017087

Ion Ratio Lower Upper

56 100

69 30.6 24.2 36.2

84 87.8 69.8 104.8



#30

1,1,1-Trichloroethane

Concen: 186.080 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

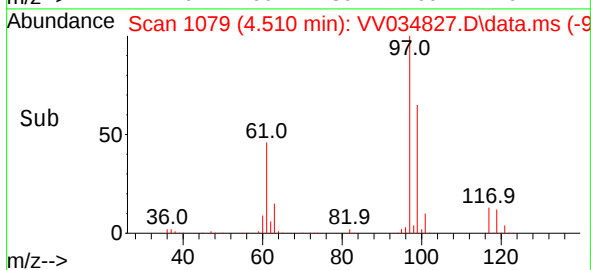
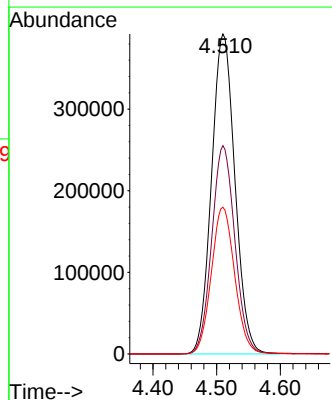
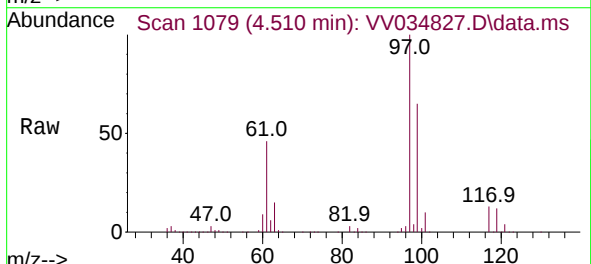
Tgt Ion: 97 Resp: 1003539

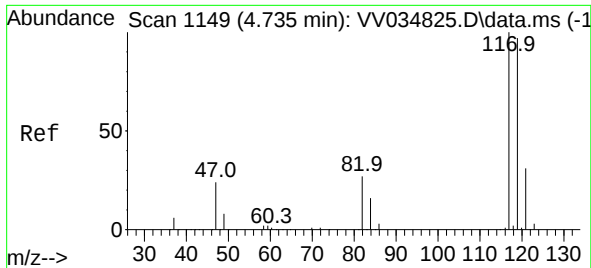
Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

61 45.9 36.8 55.2

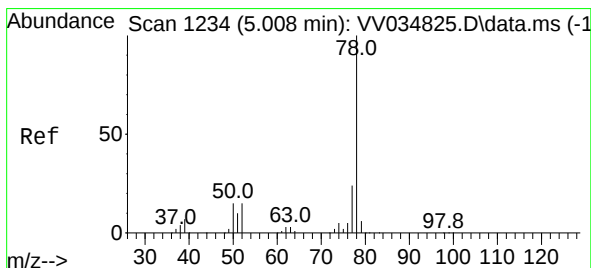
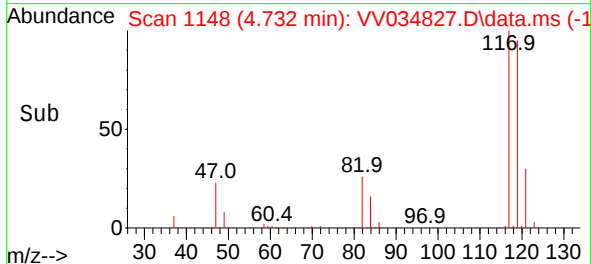
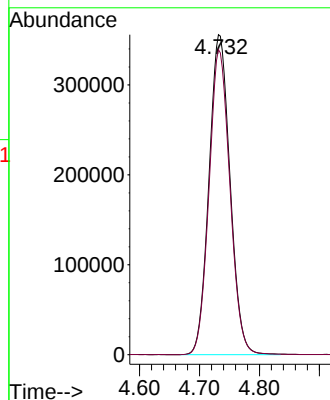
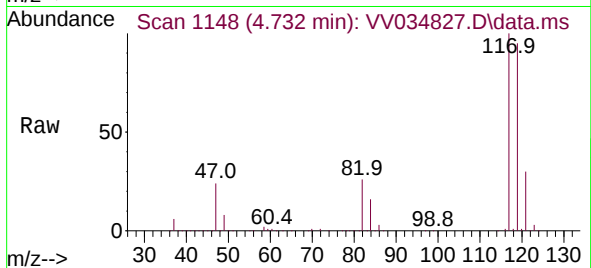




#31
Carbon tetrachloride
Concen: 183.029 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. -0.003 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

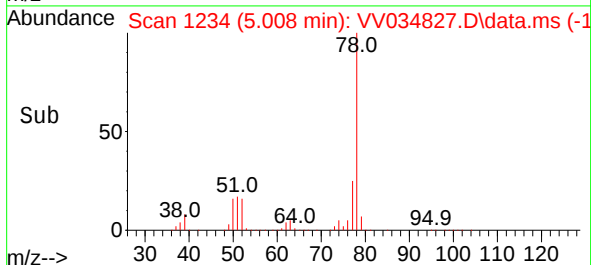
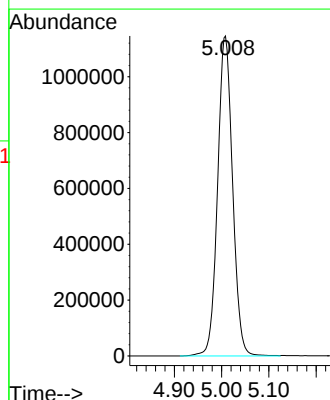
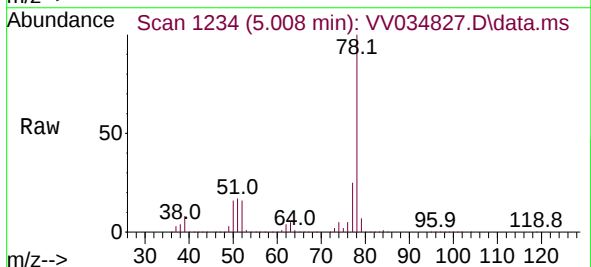
Instrument :
MSVOA_V
ClientSampleId :

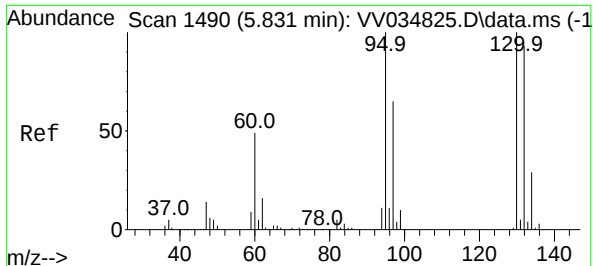
Tgt Ion:117 Resp: 868294
Ion Ratio Lower Upper
117 100
119 94.7 77.1 115.7



#33
Benzene
Concen: 209.586 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion: 78 Resp: 2523773





#34

Trichloroethene

Concen: 200.119 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 678104

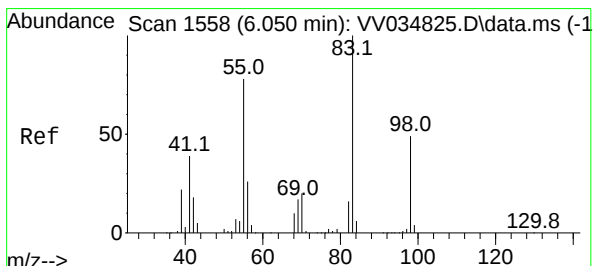
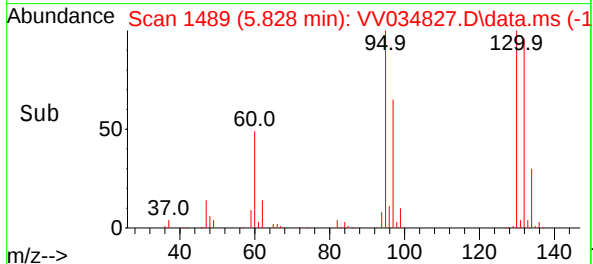
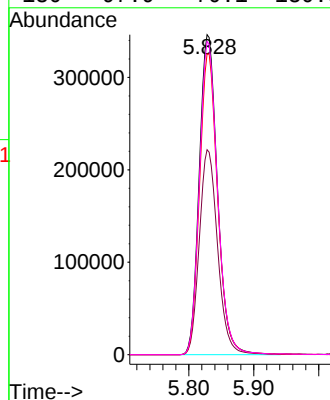
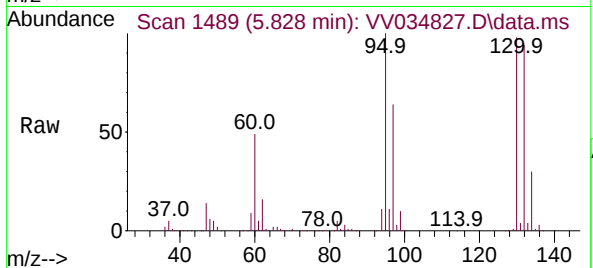
Ion Ratio Lower Upper

95 100

97 64.0 45.3 84.1

132 94.0 65.3 121.3

130 97.9 70.1 130.3



#35

Methylcyclohexane

Concen: 210.010 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

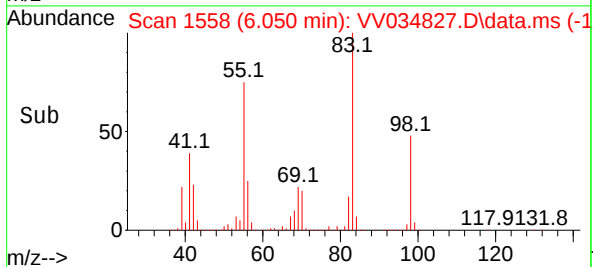
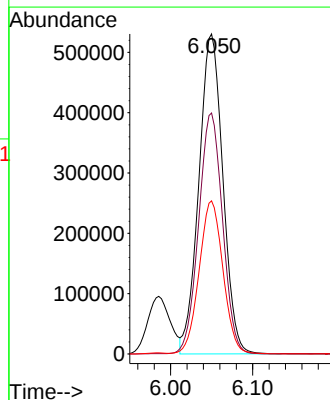
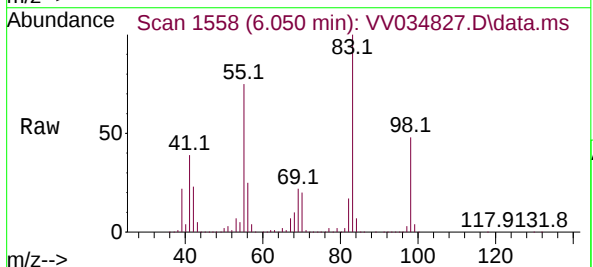
Tgt Ion: 83 Resp: 1078005

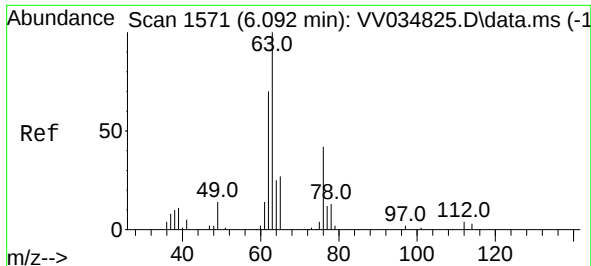
Ion Ratio Lower Upper

83 100

55 75.0 60.0 90.0

98 47.6 37.6 56.4





#37

1,2-Dichloropropane

Concen: 225.109 ug/L

RT: 6.088 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

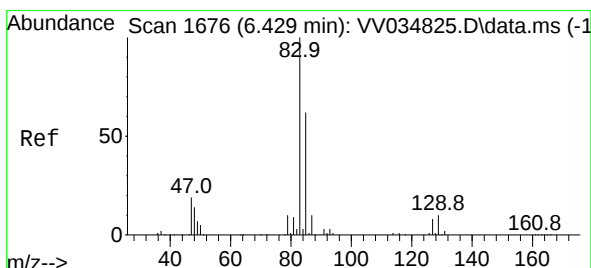
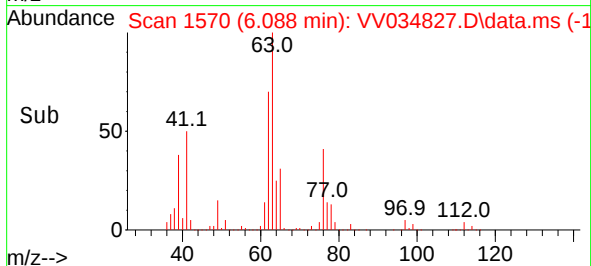
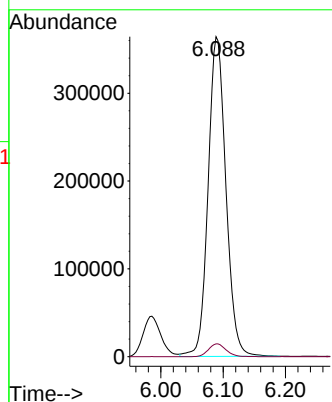
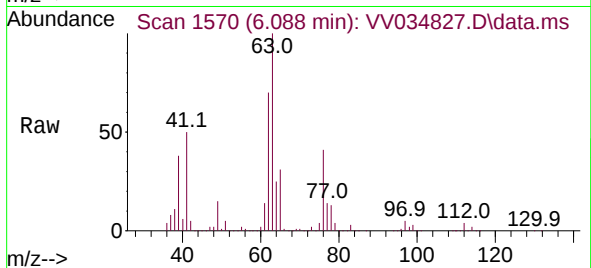
ClientSampleId :

Tgt Ion: 63 Resp: 719958

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 209.703 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

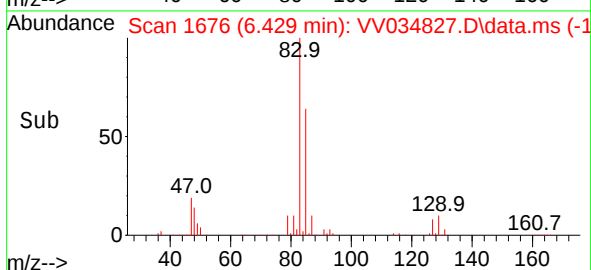
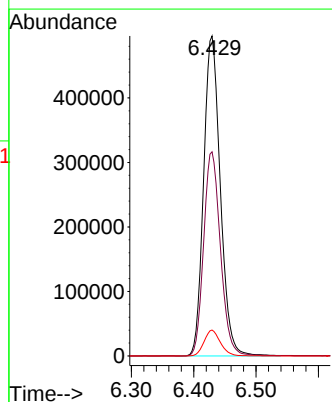
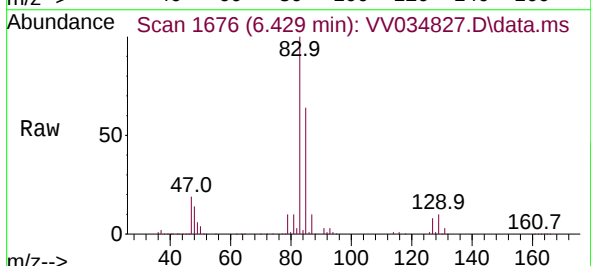
Tgt Ion: 83 Resp: 923055

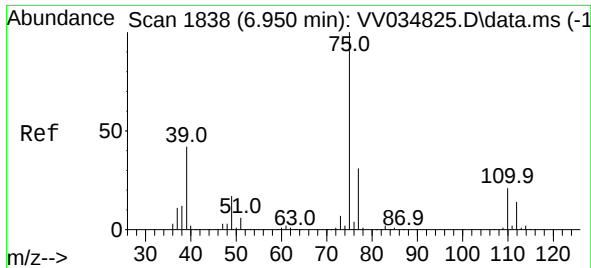
Ion Ratio Lower Upper

83 100

85 63.8 43.7 81.1

127 8.1 6.4 9.6

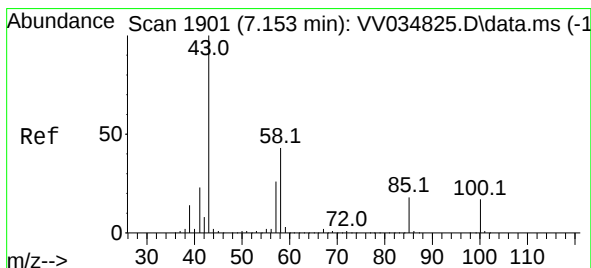
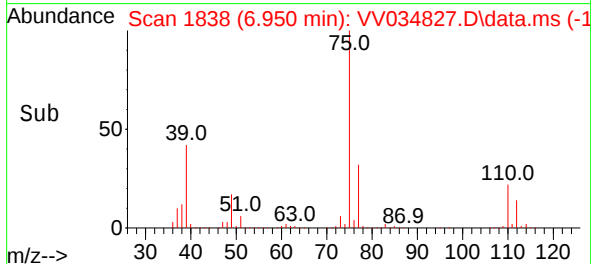
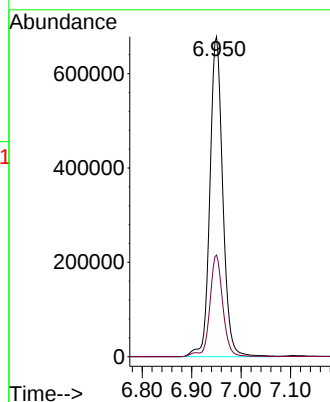
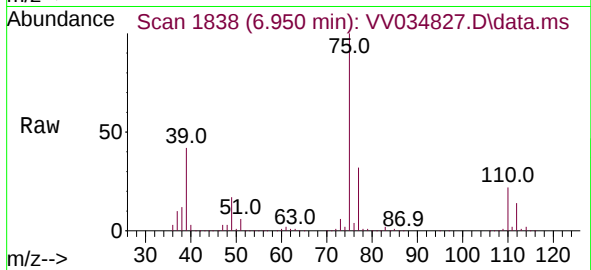




#39
 cis-1,3-Dichloropropene
 Concen: 238.461 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

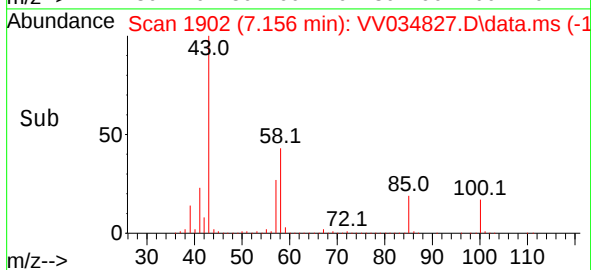
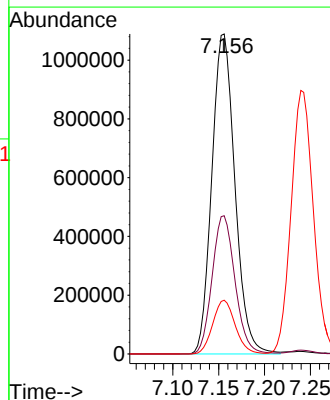
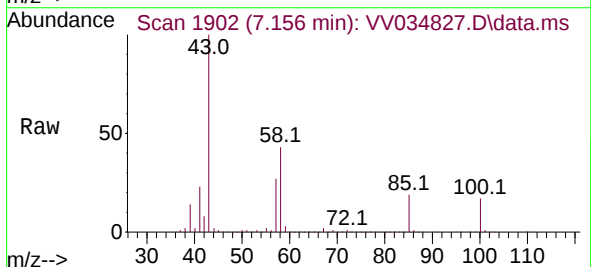
Instrument :
 MSVOA_V
 ClientSampleId :

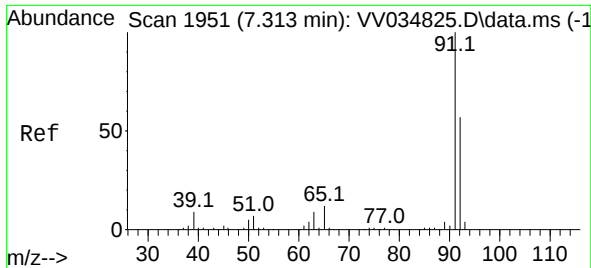
Tgt Ion: 75 Resp: 1222966
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 416.473 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VV034827.D
 Acq: 26 Mar 2024 14:17

Tgt Ion: 43 Resp: 1905714
 Ion Ratio Lower Upper
 43 100
 58 42.9 33.8 50.8
 100 16.4 13.0 19.4





#42

Toluene

Concen: 213.790 ug/L

RT: 7.314 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

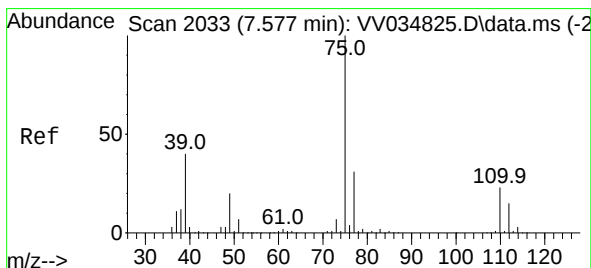
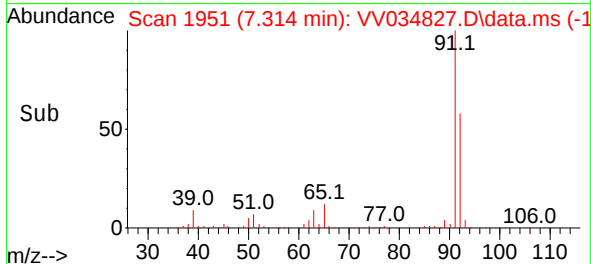
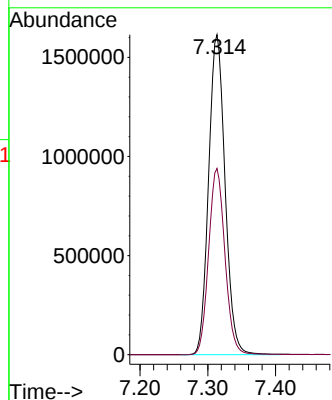
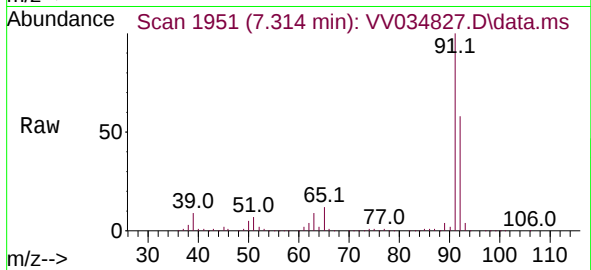
ClientSampleId :

Tgt Ion: 91 Resp: 2722504

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 233.713 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV034827.D

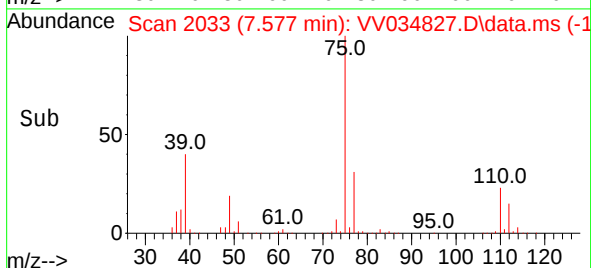
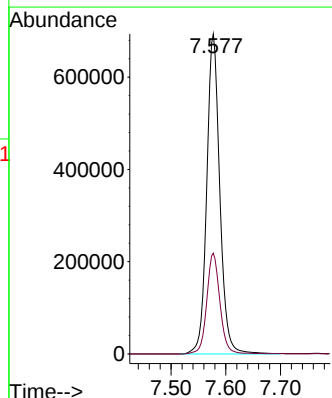
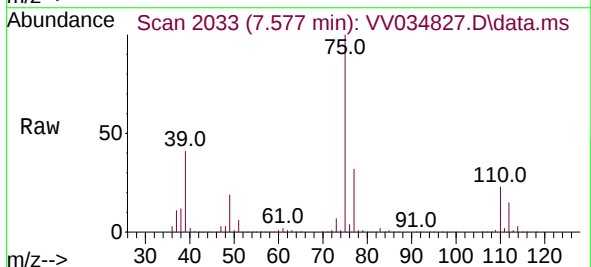
Acq: 26 Mar 2024 14:17

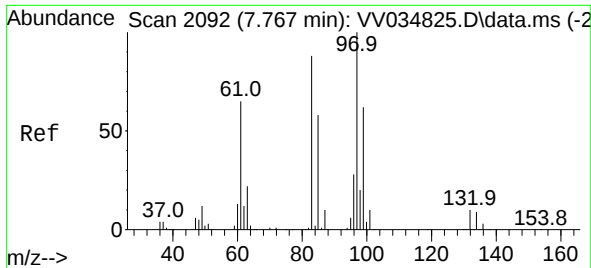
Tgt Ion: 75 Resp: 1148670

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3



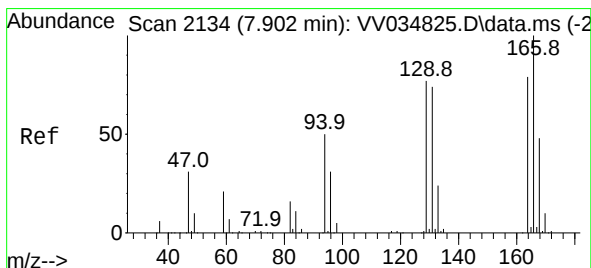
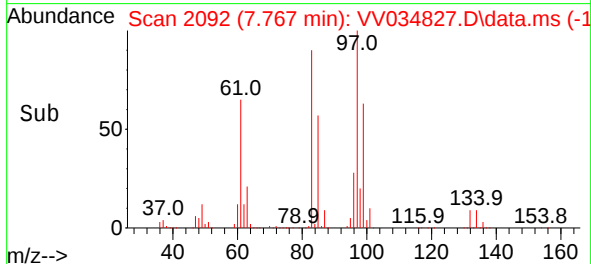
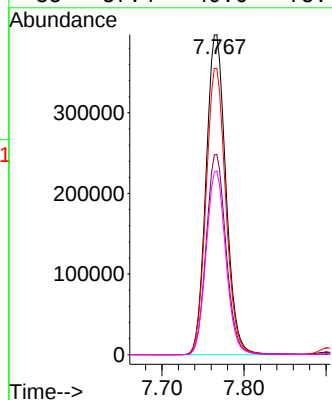
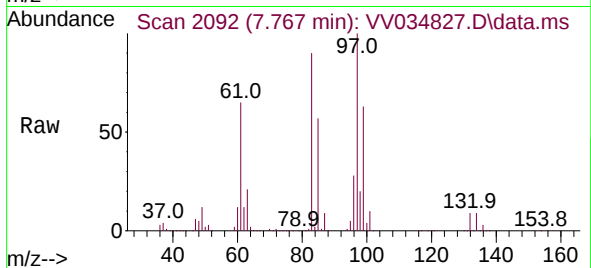


#45
1,1,2-Trichloroethane
Concen: 217.387 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 666029

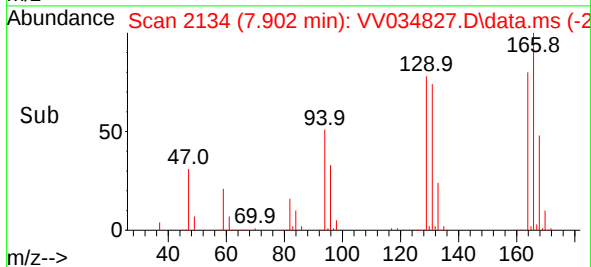
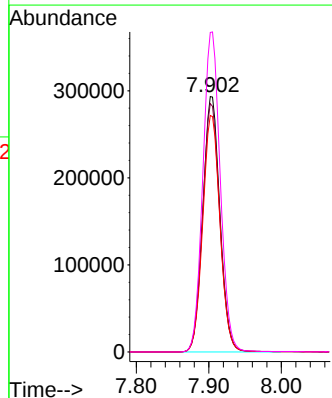
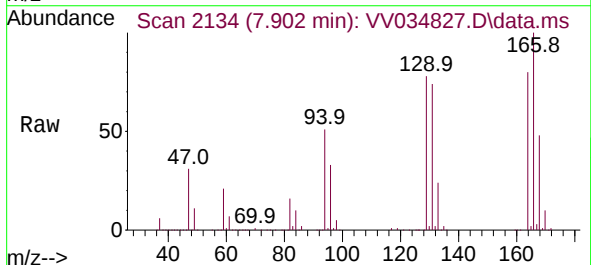
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	89.5	61.6	114.4
85	57.4	40.6	75.4

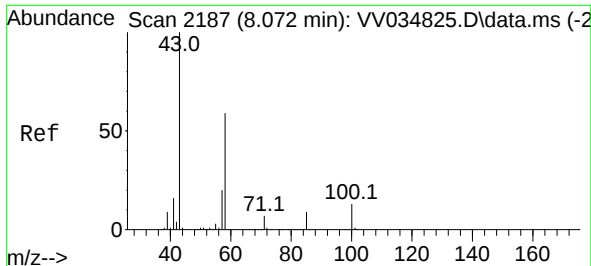


#46
Tetrachloroethene
Concen: 194.913 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion: 164 Resp: 484117

Ion	Ratio	Lower	Upper
164	100		
129	97.2	68.6	127.4
131	92.6	65.7	122.1
166	125.1	89.0	165.2





#48

2-Hexanone

Concen: 425.489 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 1550721

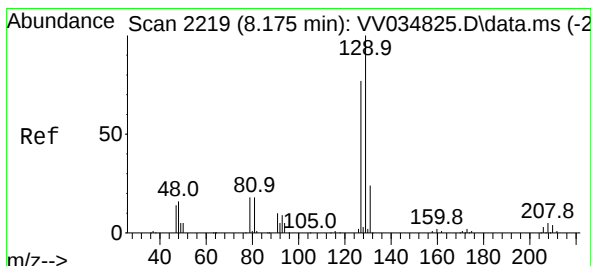
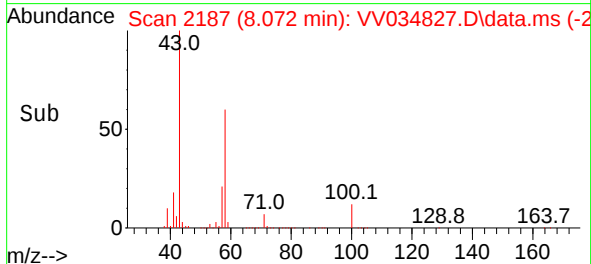
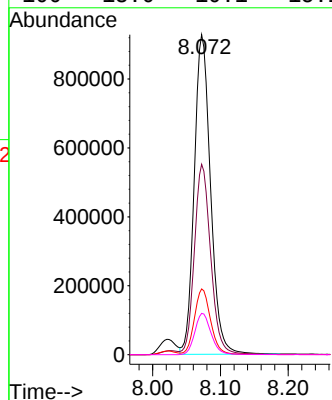
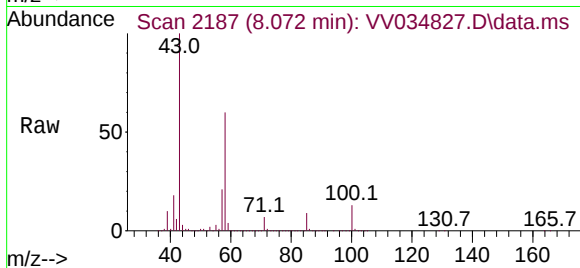
Ion Ratio Lower Upper

43 100

58 59.4 45.4 68.2

57 20.4 16.2 24.4

100 13.0 10.1 15.1



#49

Dibromochloromethane

Concen: 219.223 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.000 min

Lab File: VV034827.D

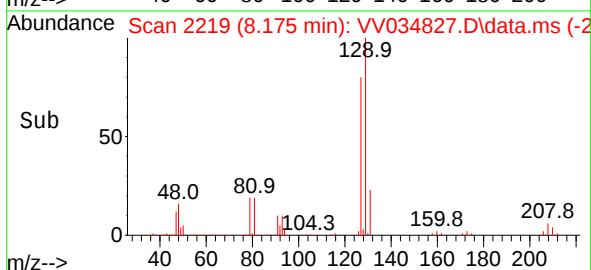
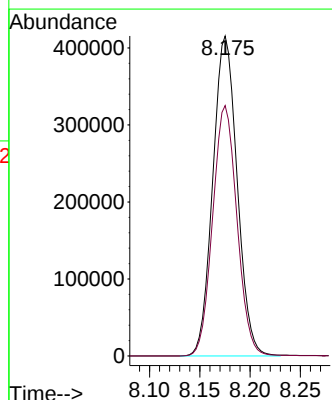
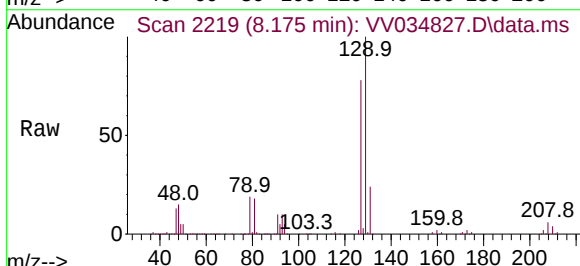
Acq: 26 Mar 2024 14:17

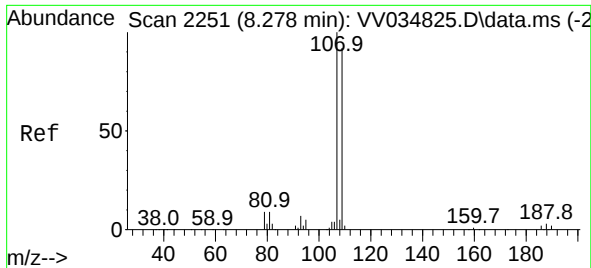
Tgt Ion:129 Resp: 700229

Ion Ratio Lower Upper

129 100

127 78.3 54.1 100.5

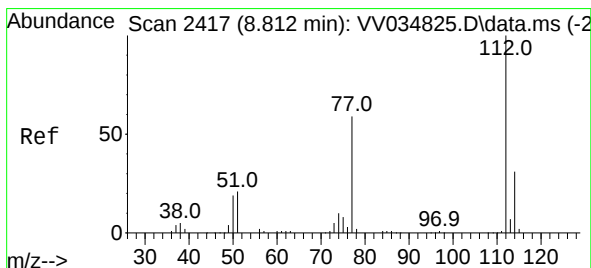
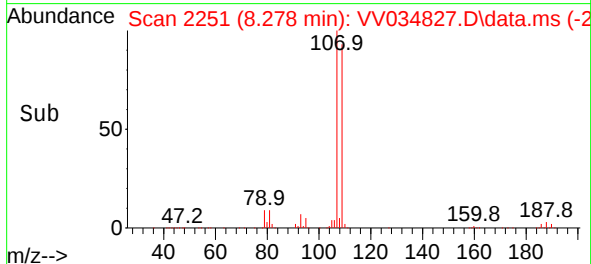
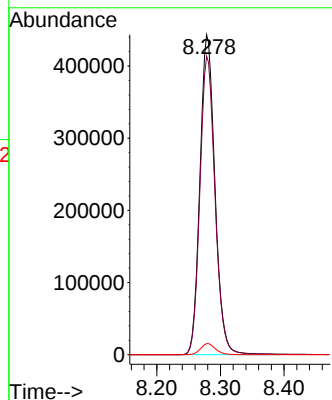
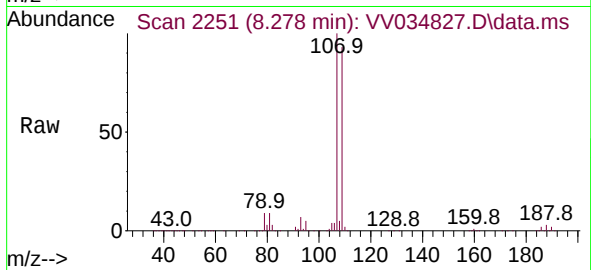




#50
1,2-Dibromoethane
Concen: 223.549 ug/L
RT: 8.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

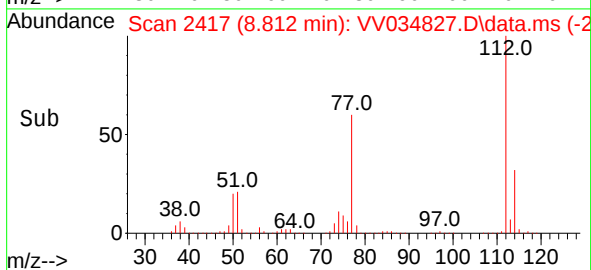
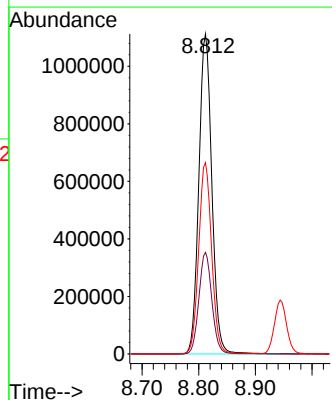
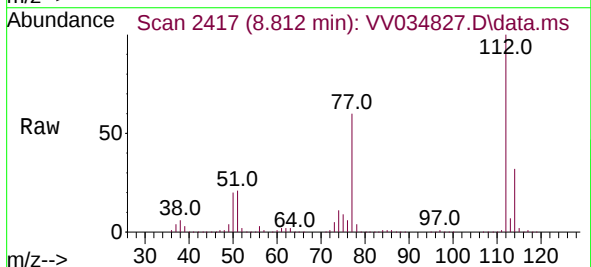
Instrument :
MSVOA_V
ClientSampleId :

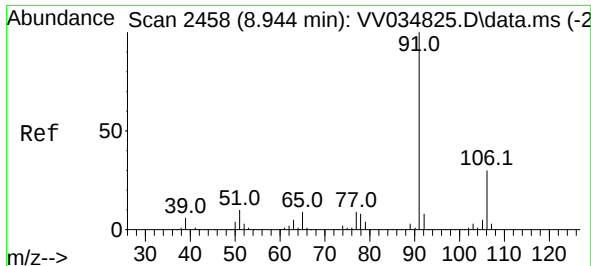
Tgt Ion:107 Resp: 727804
Ion Ratio Lower Upper
107 100
109 93.3 64.5 119.9
188 3.5 2.8 4.2



#51
Chlorobenzene
Concen: 214.616 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion:112 Resp: 1770306
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 59.8 47.4 71.2





#52

Ethylbenzene

Concen: 219.141 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

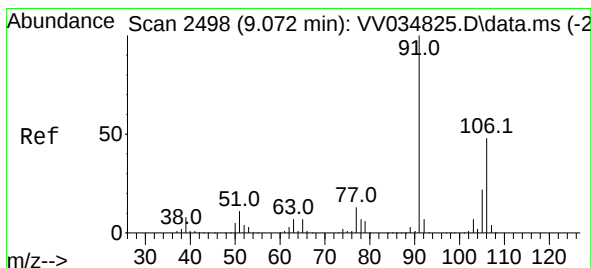
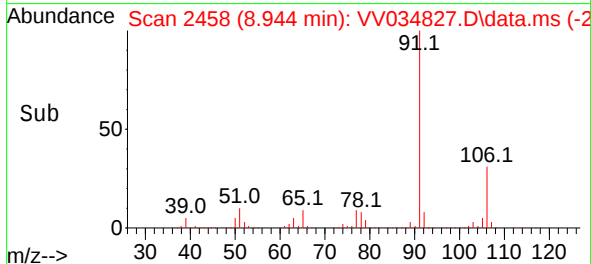
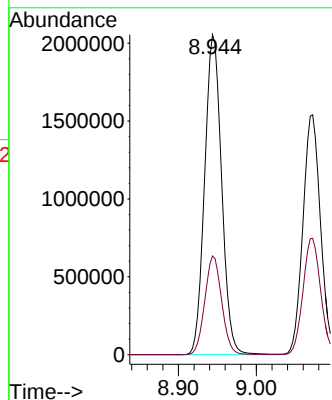
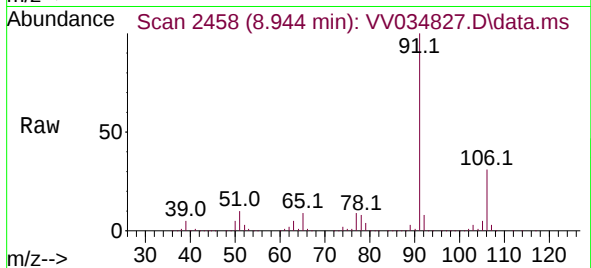
ClientSampleId :

Tgt Ion: 91 Resp: 3114918

Ion Ratio Lower Upper

91 100

106 30.8 21.3 39.5



#53

m,p-Xylene

Concen: 219.273 ug/L

RT: 9.072 min Scan# 2498

Delta R.T. 0.000 min

Lab File: VV034827.D

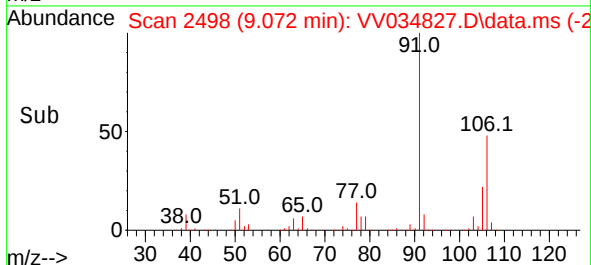
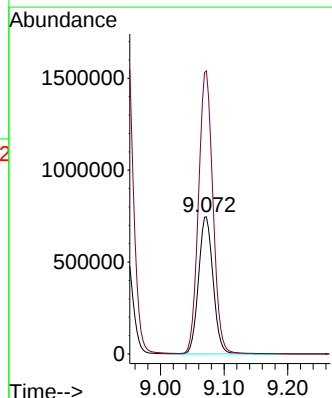
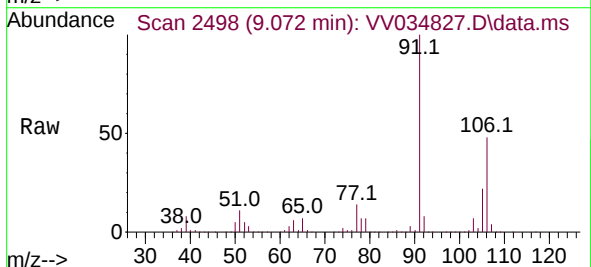
Acq: 26 Mar 2024 14:17

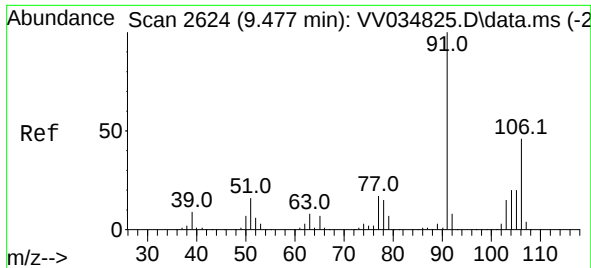
Tgt Ion:106 Resp: 1182181

Ion Ratio Lower Upper

106 100

91 206.3 144.8 269.0

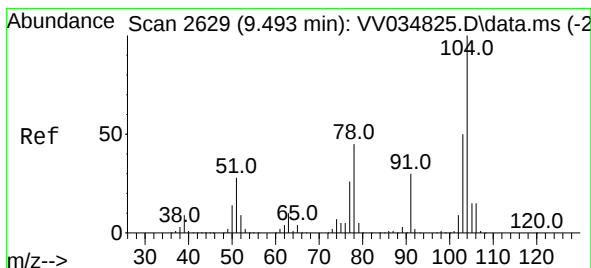
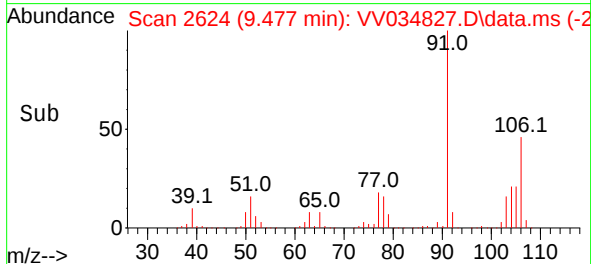
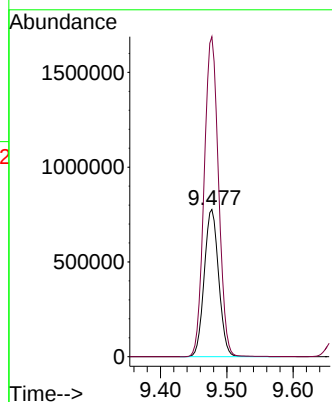
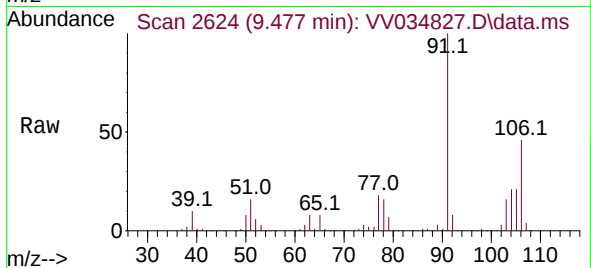




#54
o-Xylene
Concen: 222.000 ug/L
RT: 9.477 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

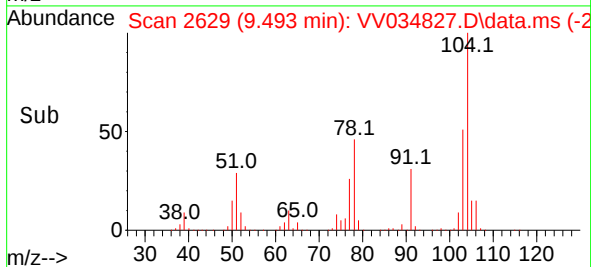
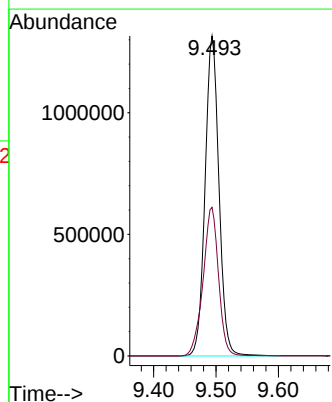
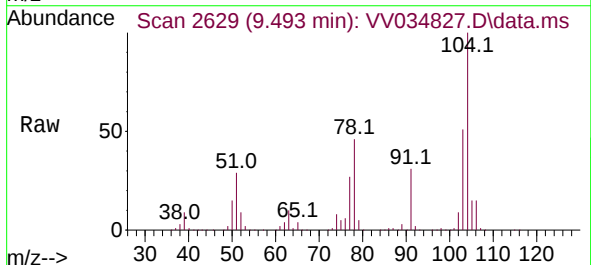
Instrument :
MSVOA_V
ClientSampleId :

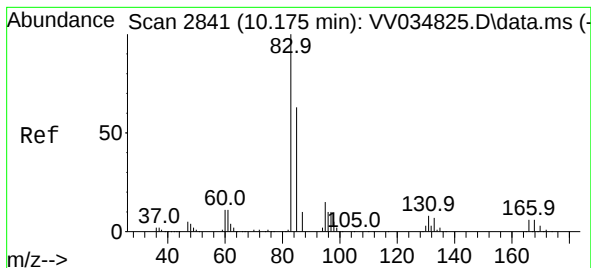
Tgt Ion:106 Resp: 1174178
Ion Ratio Lower Upper
106 100
91 217.4 151.3 280.9



#55
Styrene
Concen: 228.460 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion:104 Resp: 2042361
Ion Ratio Lower Upper
104 100
78 46.4 31.5 58.5





#57

1,1,2,2-Tetrachloroethane

Concen: 242.480 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

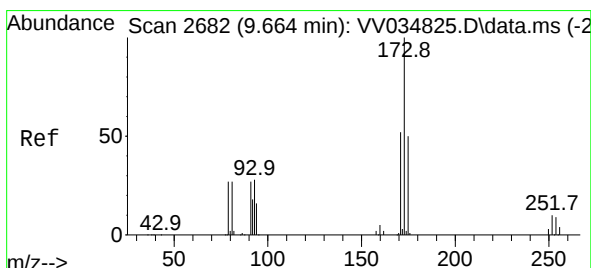
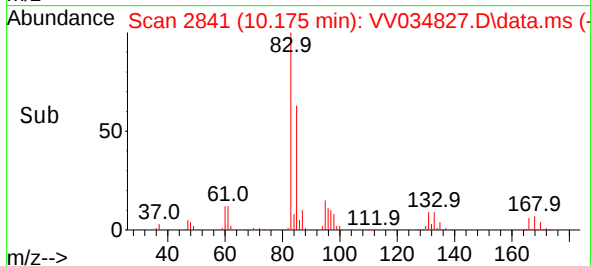
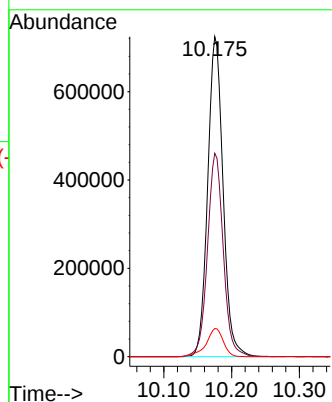
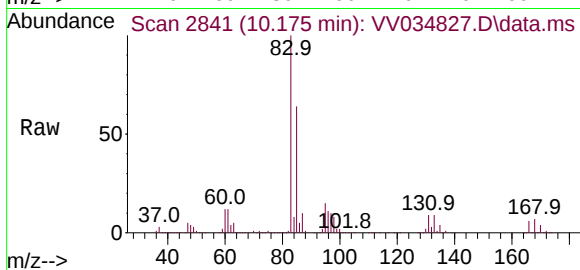
Tgt Ion: 83 Resp: 1139861

Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

131 8.8 6.9 10.3



#59

Bromoform

Concen: 236.513 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

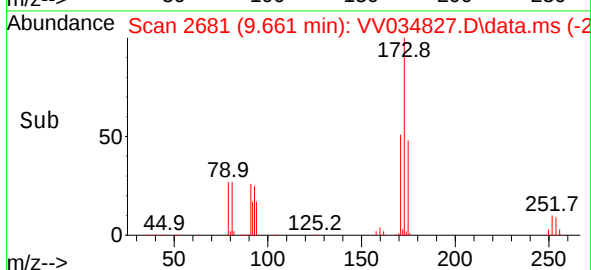
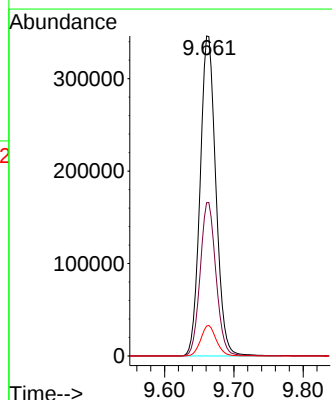
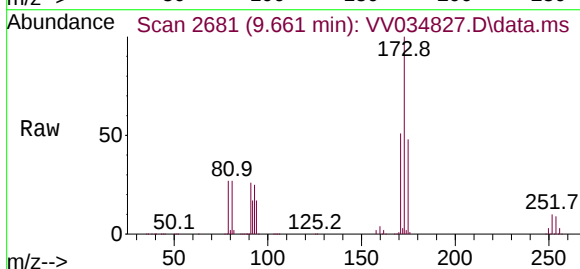
Tgt Ion: 173 Resp: 547026

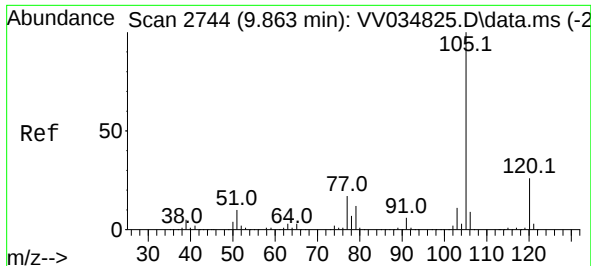
Ion Ratio Lower Upper

173 100

175 48.0 39.3 58.9

254 9.4 7.5 11.3

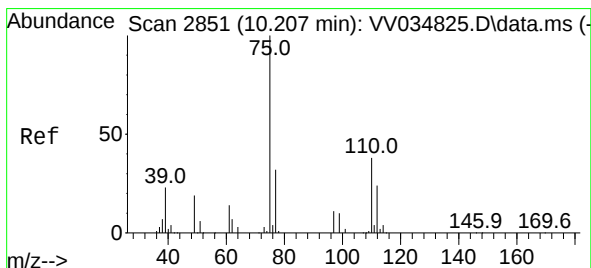
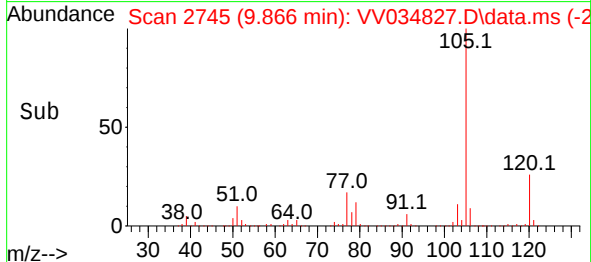
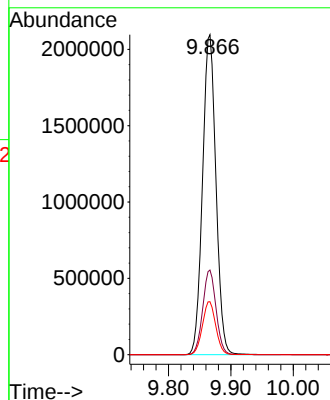
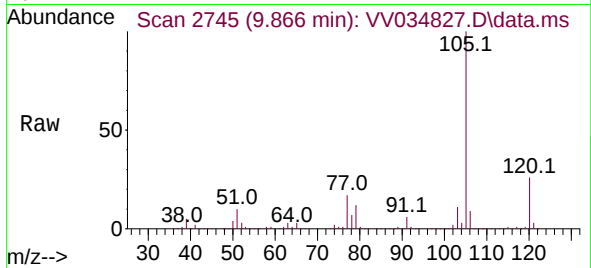




#60
Isopropylbenzene
Concen: 212.356 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

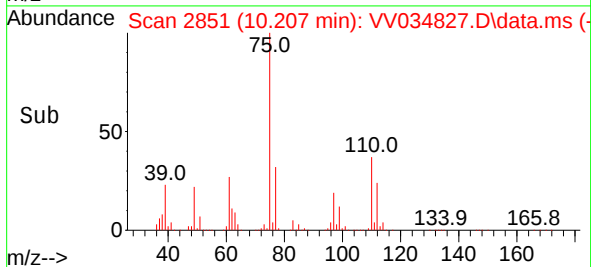
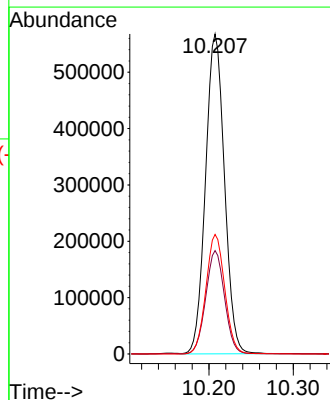
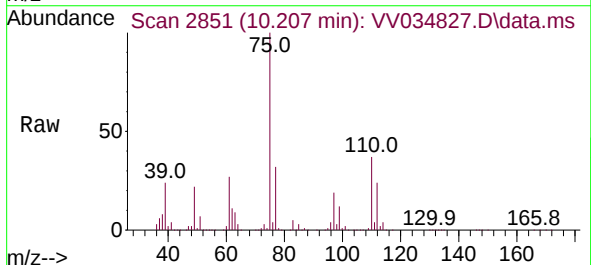
Instrument :
MSVOA_V
ClientSampleId :

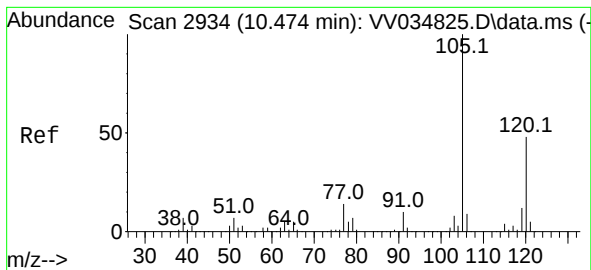
Tgt Ion:105 Resp: 3132480
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 16.5 13.1 19.7



#61
1,2,3-Trichloropropane
Concen: 217.391 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion: 75 Resp: 887665
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 37.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 177.898 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

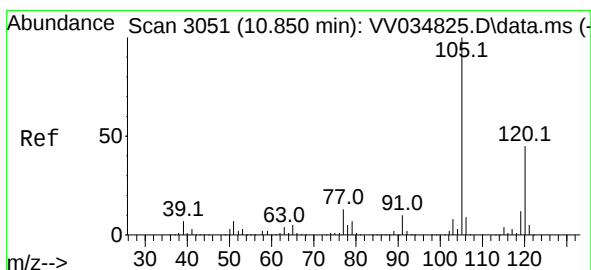
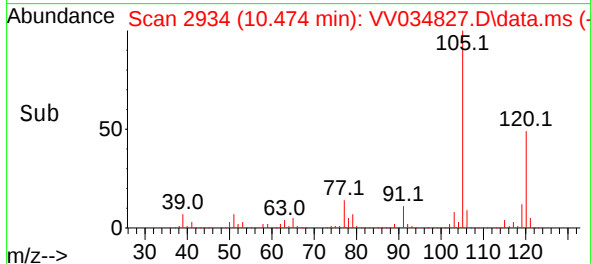
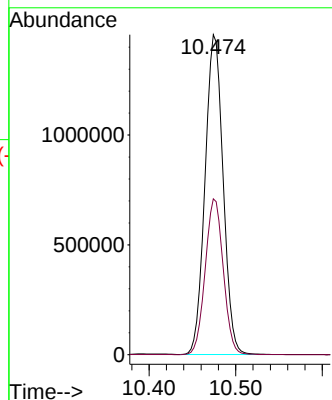
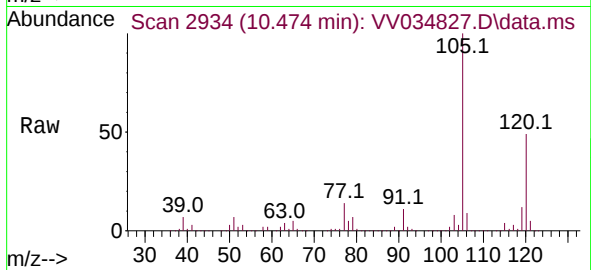
ClientSampleId :

Tgt Ion:105 Resp: 2110055

Ion Ratio Lower Upper

105 100

120 48.7 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 214.032 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV034827.D

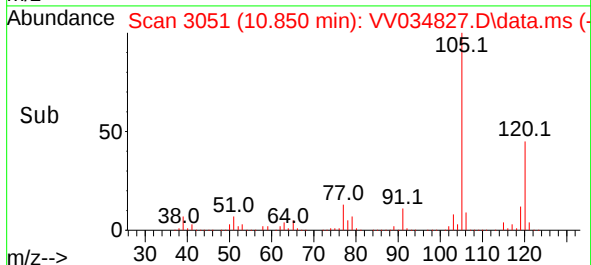
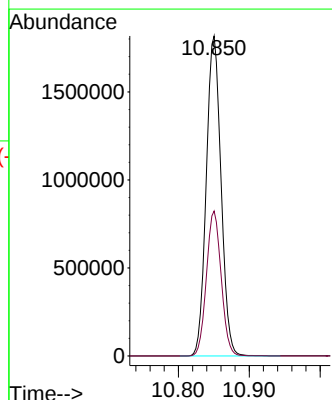
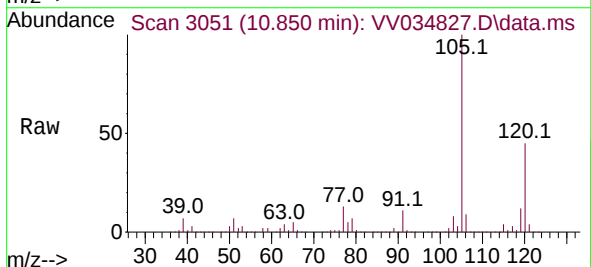
Acq: 26 Mar 2024 14:17

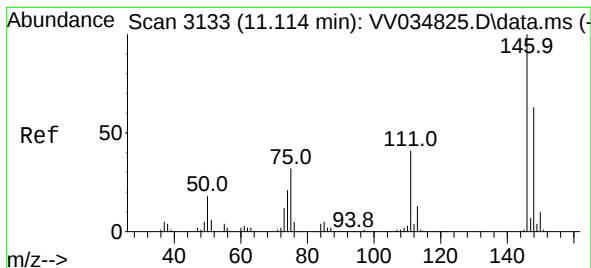
Tgt Ion:105 Resp: 2625724

Ion Ratio Lower Upper

105 100

120 45.1 35.9 53.9





#64

1,3-Dichlorobenzene

Concen: 206.919 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

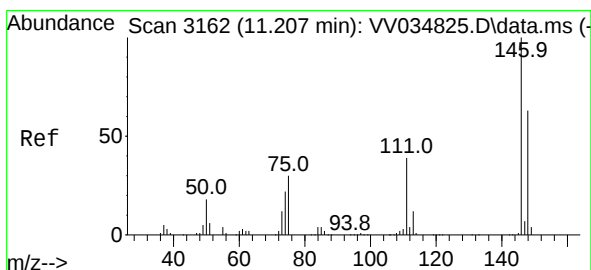
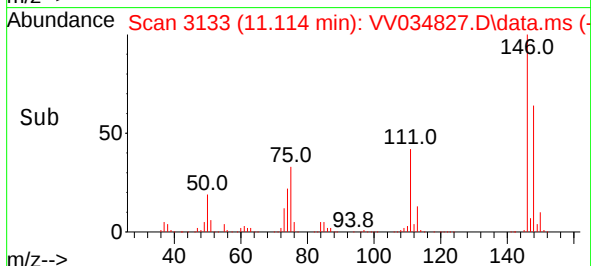
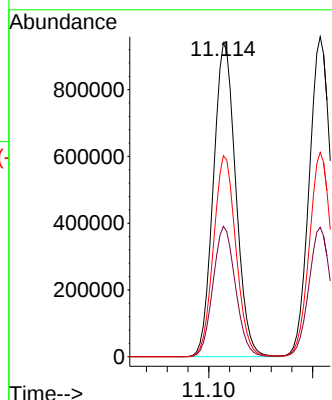
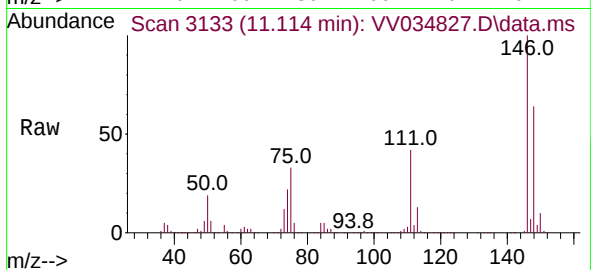
Tgt Ion:146 Resp: 1412362

Ion Ratio Lower Upper

146 100

111 41.6 28.7 53.3

148 64.0 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 205.375 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

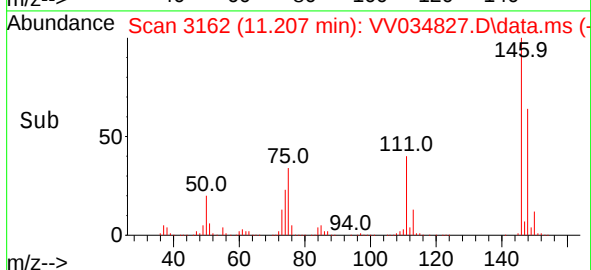
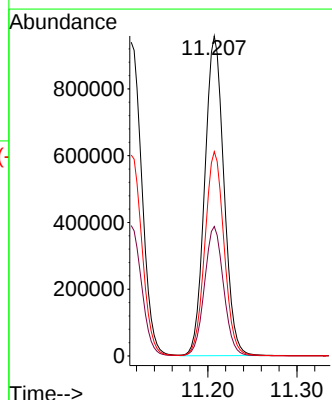
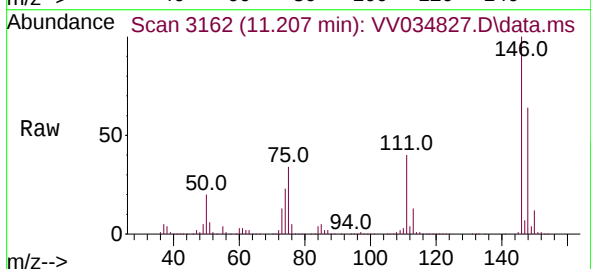
Tgt Ion:146 Resp: 1429511

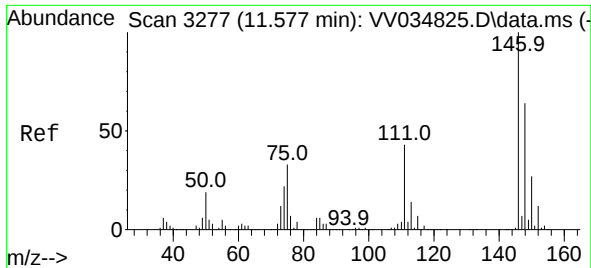
Ion Ratio Lower Upper

146 100

111 40.5 27.4 50.8

148 63.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 209.819 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :

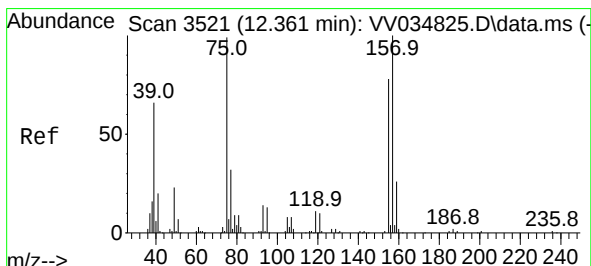
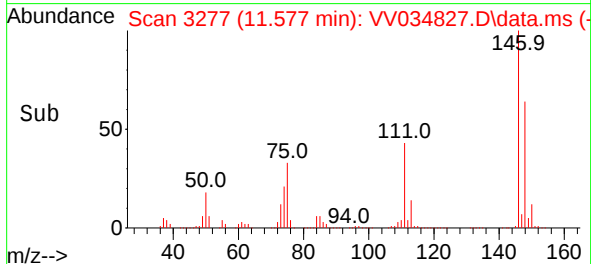
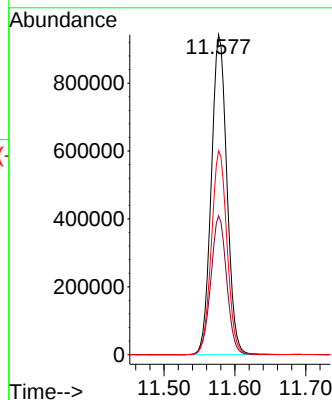
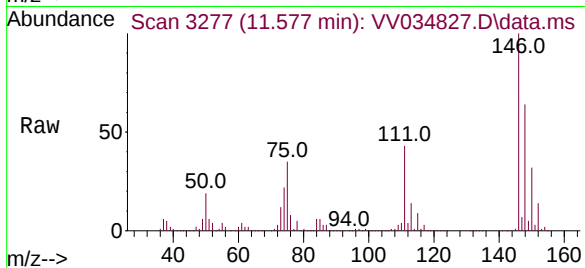
Tgt Ion:146 Resp: 1436362

Ion Ratio Lower Upper

146 100

111 43.4 34.6 52.0

148 63.7 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 219.976 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

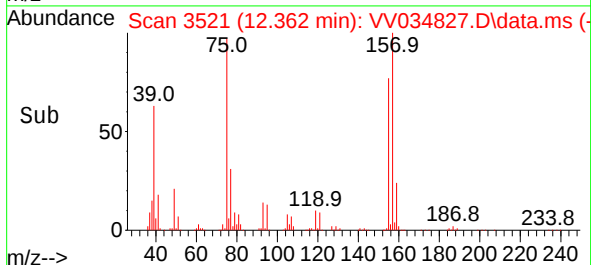
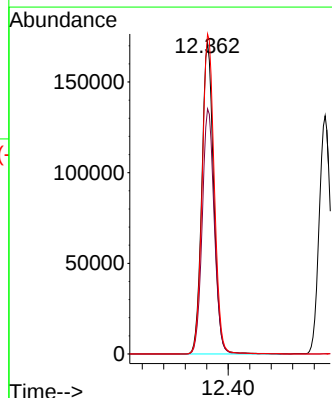
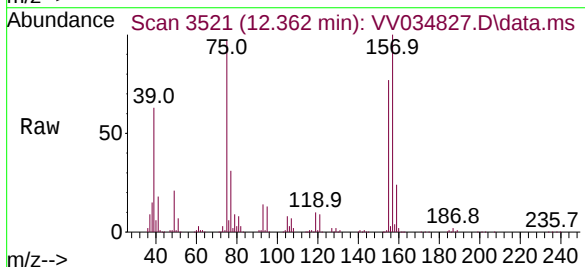
Tgt Ion: 75 Resp: 262905

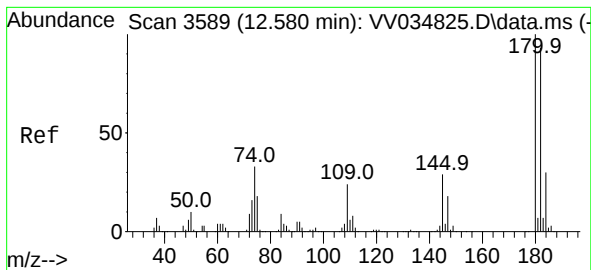
Ion Ratio Lower Upper

75 100

155 78.8 63.0 94.6

157 102.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 211.316 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

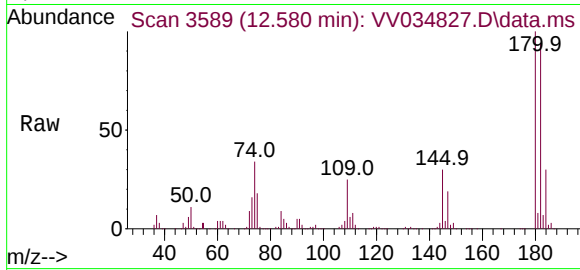
Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 1073600

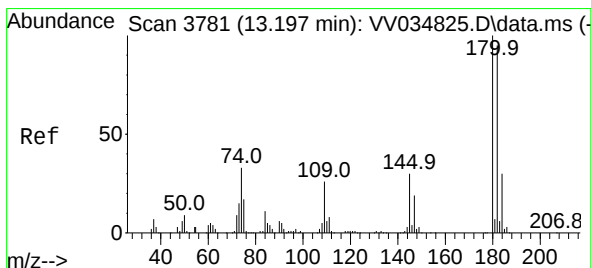
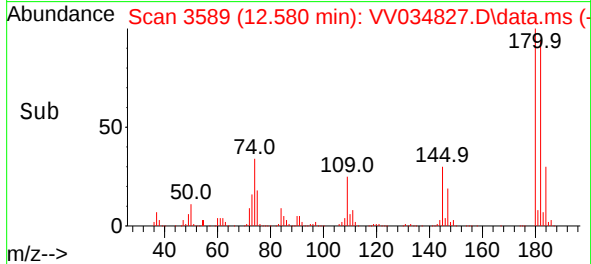
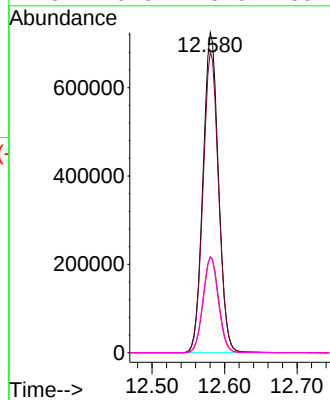
Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 30.0 24.0 36.0

145 29.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 213.328 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034827.D

Acq: 26 Mar 2024 14:17

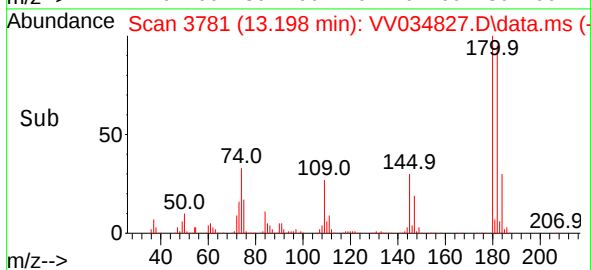
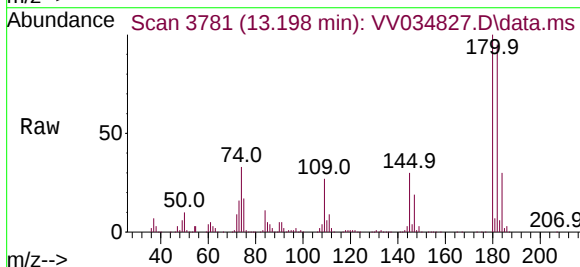
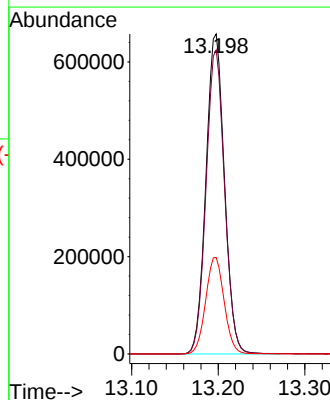
Tgt Ion:180 Resp: 976650

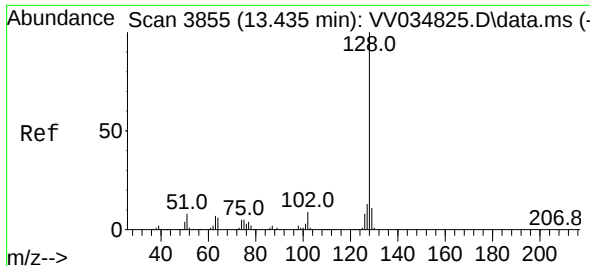
Ion Ratio Lower Upper

180 100

182 95.1 75.6 113.4

145 30.2 24.1 36.1

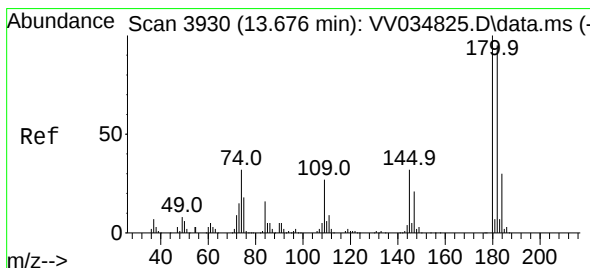
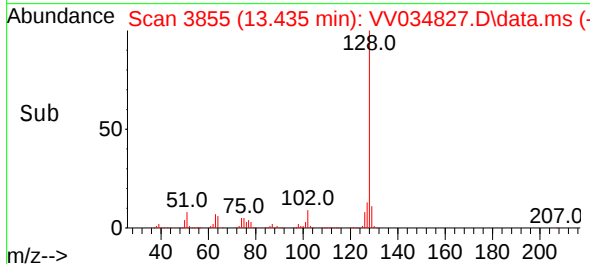
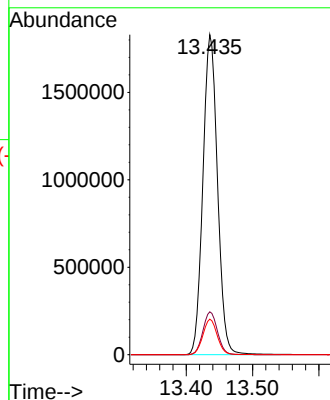
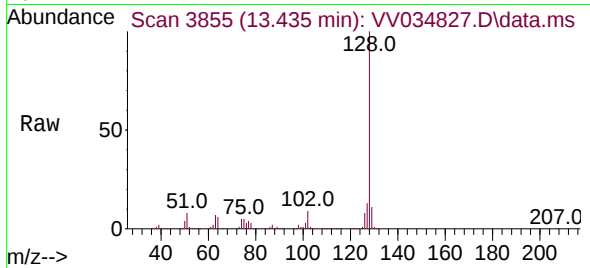




#71
Naphthalene
Concen: 231.024 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 2795726
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 209.530 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.003 min
Lab File: VV034827.D
Acq: 26 Mar 2024 14:17

Tgt Ion:180 Resp: 934440
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 32.3 25.8 38.6

