

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW011725\
 Data File : VW038447.D
 Acq On : 17 Jan 2025 11:04
 Operator : SY/MD
 Sample : VSTD00124
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 01:57:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 01:29:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	208157	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	221739	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	104465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17752	1.034	ug/L	0.00
7) Chloroethane-d5	1.532	69	14920	1.035	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.053	65	8084	1.045	ug/L	0.00
20) 2-Butanone-d5	3.879	46	9628	2.808	ug/L	0.08
24) Chloroform-d	4.249	84	31882	0.991	ug/L	0.01
26) 1,2-Dichloroethane-d4	4.950	65	13661	0.927	ug/L	0.02
32) Benzene-d6	4.960	84	56687	0.928	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	16148	0.839	ug/L	0.00
41) Toluene-d8	7.243	98	47925	0.874	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.564	79	5373	0.799	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	16348	6.384	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.146	84	13999	0.951	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	17064	0.965	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	22687	0.973	ug/L	99
3) Chloromethane	1.214	50	23597	0.989	ug/L	98
5) Vinyl chloride	1.281	62	23001	0.954	ug/L	99
6) Bromomethane	1.487	94	10863	0.901	ug/L	98
8) Chloroethane	1.548	64	14934	0.954	ug/L	91
9) Trichlorofluoromethane	1.709	101	29952	0.976	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	17314	0.987	ug/L	98
12) 1,1-Dichloroethene	2.066	96	17138	0.993	ug/L	96
13) Acetone	2.172	43	23961	8.545	ug/L	72
14) Carbon disulfide	2.236	76	55642	0.960	ug/L	99
15) Methyl Acetate	2.407	43	4611	0.643	ug/L #	61
16) Methylene chloride	2.445	84	18890	0.987	ug/L	95
17) Methyl tert-butyl Ether	2.699	73	32926	0.907	ug/L	99
18) trans-1,2-Dichloroethene	2.693	96	16895	0.952	ug/L	92
19) 1,1-Dichloroethane	3.108	63	32373	0.959	ug/L	97
21) 2-Butanone	4.146	43	354	0.096	ug/L	80
22) cis-1,2-Dichloroethene	3.822	96	15405	0.854	ug/L	97
23) Bromochloromethane	4.153	128	7638	0.930	ug/L	91
25) Chloroform	4.278	83	31931	0.956	ug/L	91
27) 1,2-Dichloroethane	5.047	62	15761	0.849	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	27317	0.927	ug/L	99
30) Cyclohexane	4.574	56	22214	0.827	ug/L	95
31) Carbon tetrachloride	4.728	117	24319	0.933	ug/L	98
33) Benzene	5.008	78	60757	0.863	ug/L	100
34) Trichloroethene	5.838	95	16241	0.888	ug/L	97
35) Methylcyclohexane	6.040	83	22051	0.791	ug/L	94
37) 1,2-Dichloropropane	6.095	63	15405	0.847	ug/L #	96
38) Bromodichloromethane	6.432	83	21813	0.925	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	19957	0.796	ug/L	95
40) 4-Methyl-2-pentanone	7.162	43	67885	7.600	ug/L	95
42) Toluene	7.313	91	63377	0.864	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	17234	0.825	ug/L	96

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

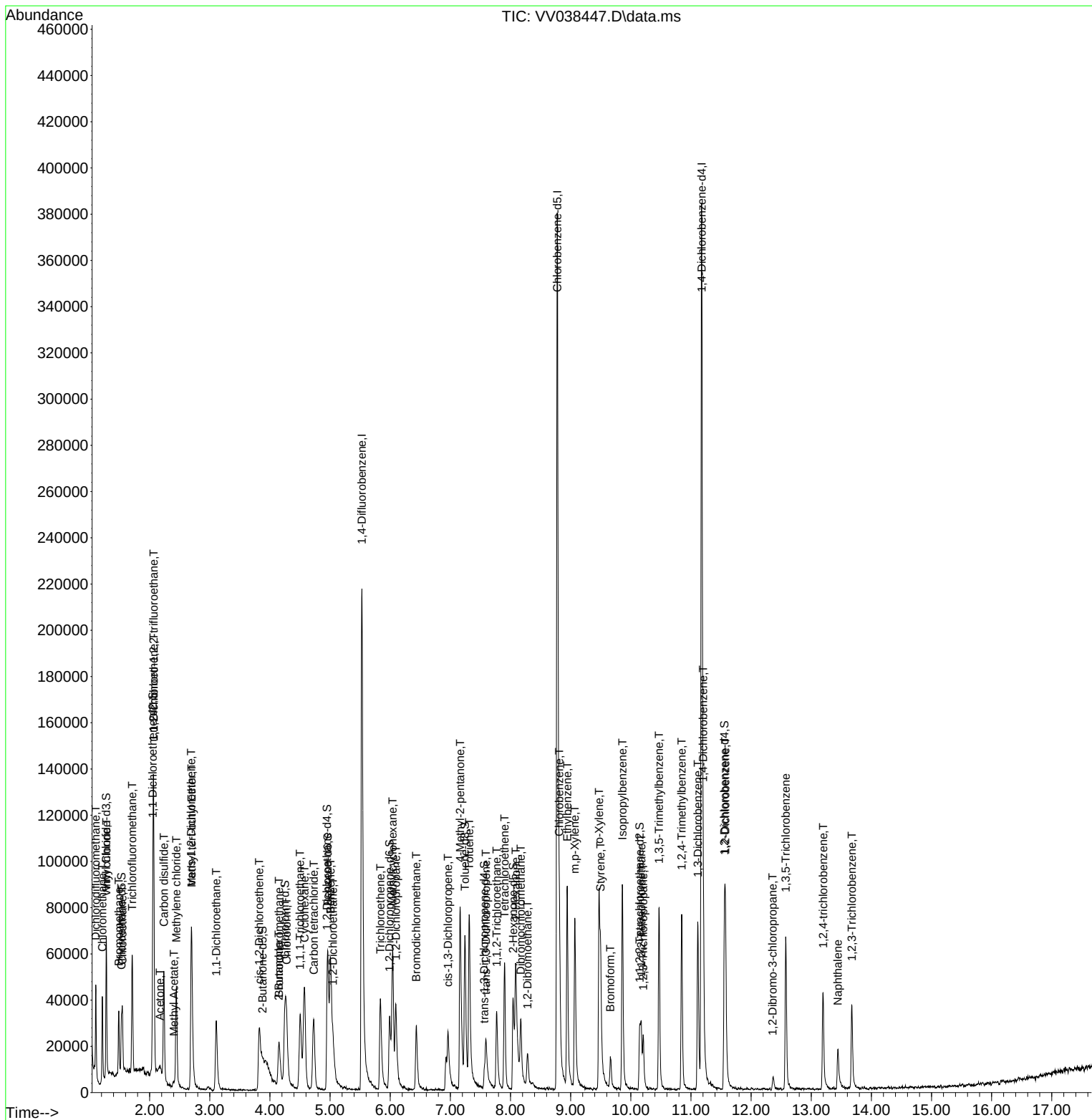
Quant Time: Jan 18 01:57:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 18 01:29:26 2025
 Response via : Initial Calibration

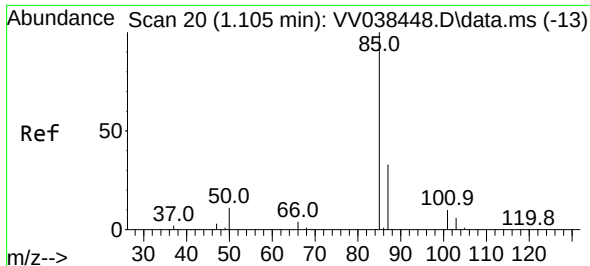
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.770	97	11904	0.910	ug/L	93
47) Tetrachloroethene	7.902	164	13007	0.918	ug/L	96
48) 2-Hexanone	8.088	43	46577	7.245	ug/L	97
49) Dibromochloromethane	8.172	129	13655	0.907	ug/L	96
50) 1,2-Dibromoethane	8.284	107	10936	0.899	ug/L	99
51) Chlorobenzene	8.812	112	43878	0.889	ug/L	97
52) Ethylbenzene	8.944	91	64329	0.815	ug/L	99
53) m,p-Xylene	9.069	106	23198	0.794	ug/L	99
54) o-Xylene	9.474	106	22712	0.797	ug/L	95
55) Styrene	9.497	104	38204	0.777	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	14661	0.921	ug/L	96
59) Bromoform	9.661	173	6939	0.952	ug/L	99
60) Isopropylbenzene	9.860	105	59632	0.848	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	9596	0.956	ug/L	93
62) 1,3,5-Trimethylbenzene	10.471	105	45503	0.827	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	42913	0.781	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	31161	0.894	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	30347	0.842	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	30399	0.931	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	1651	0.796	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.577	180	21219	0.885	ug/L	97
70) 1,2,4-trichlorobenzene	13.197	180	14517	0.821	ug/L	96
71) Naphthalene	13.442	128	16805	0.656	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.676	180	11907	0.773	ug/L	98

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

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QLast Update : Sat Jan 18 01:29:26 2025
Response via : Initial Calibration

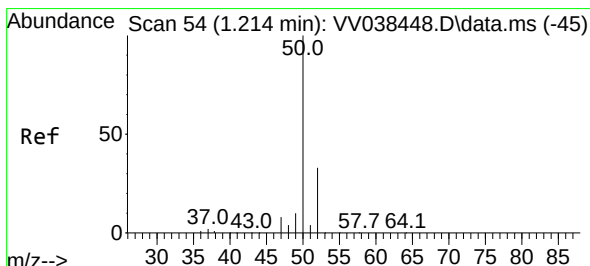
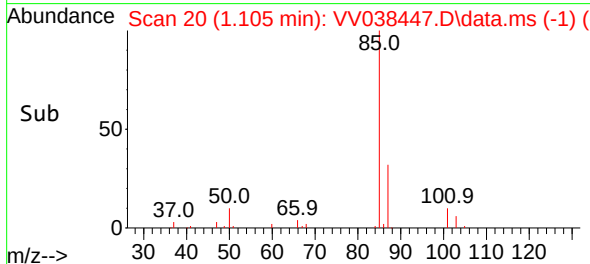
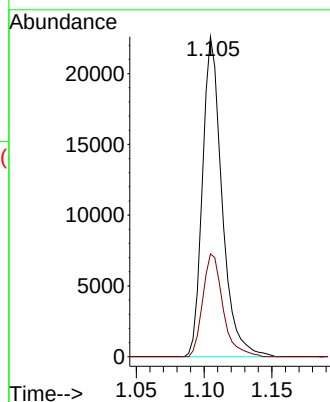
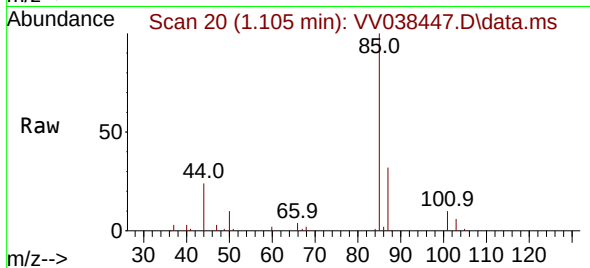




#2
 Dichlorodifluoromethane
 Concen: 0.973 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

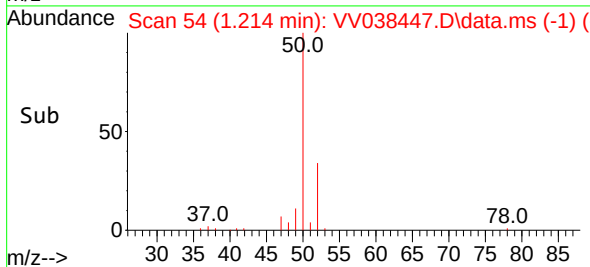
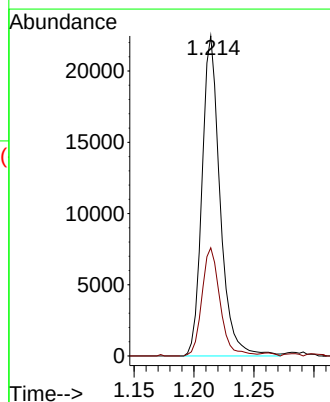
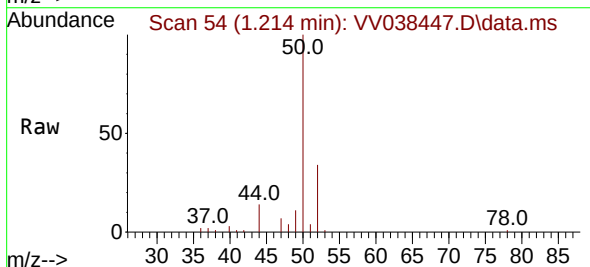
Instrument :
 MSVOA_V
 ClientSampleId :

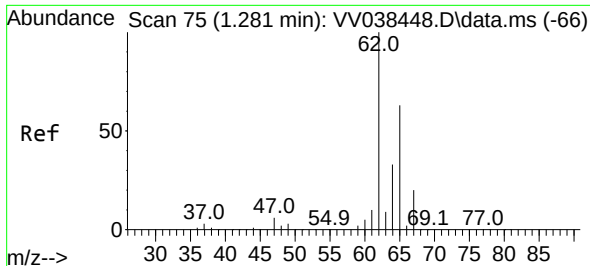
Tgt Ion: 85 Resp: 22687
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 0.989 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Tgt Ion: 50 Resp: 23597
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.0 42.6

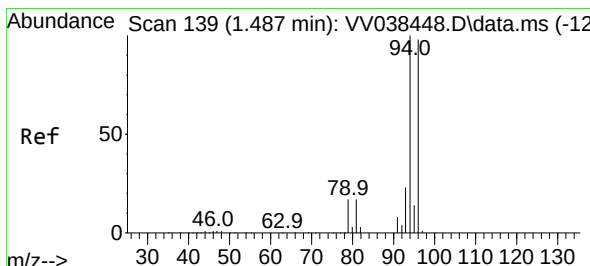
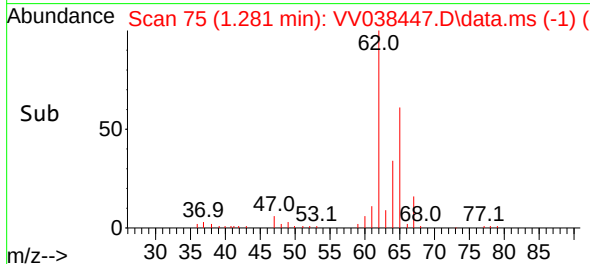
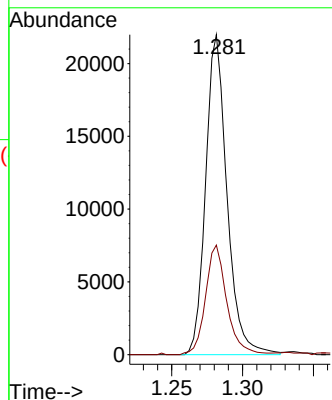
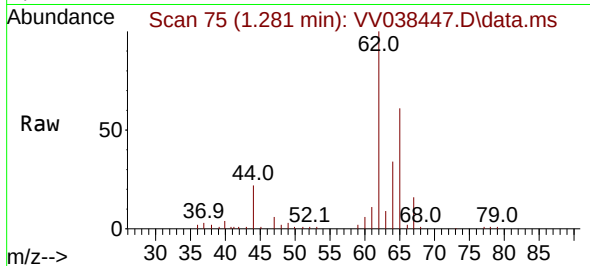




#5
 Vinyl chloride
 Concen: 0.954 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

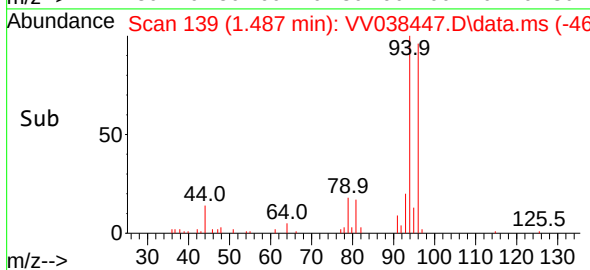
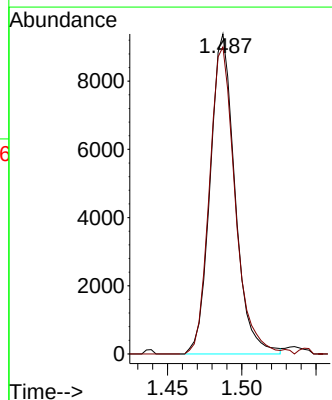
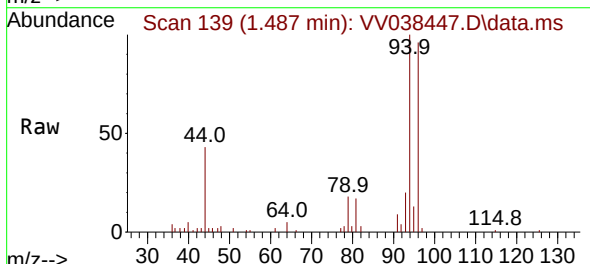
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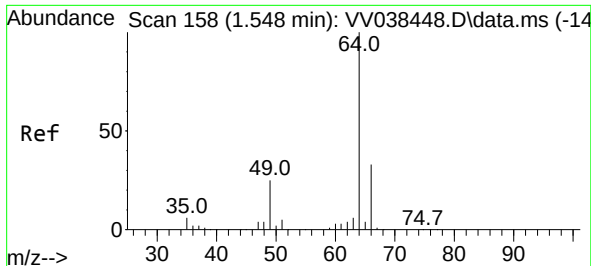
Tgt Ion: 62 Resp: 23001
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.5 43.7



#6
 Bromomethane
 Concen: 0.901 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Tgt Ion: 94 Resp: 10863
 Ion Ratio Lower Upper
 94 100
 96 96.0 68.9 127.9

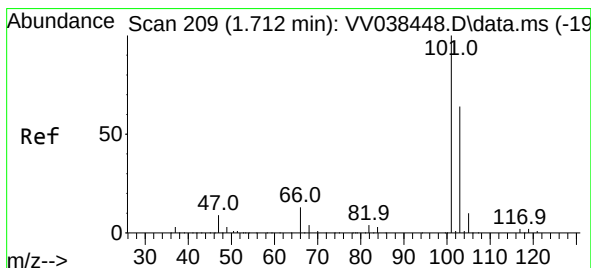
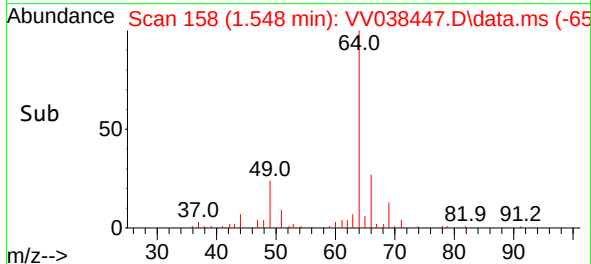
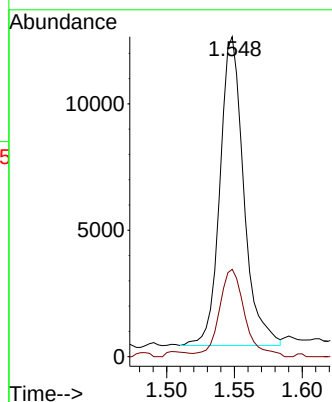
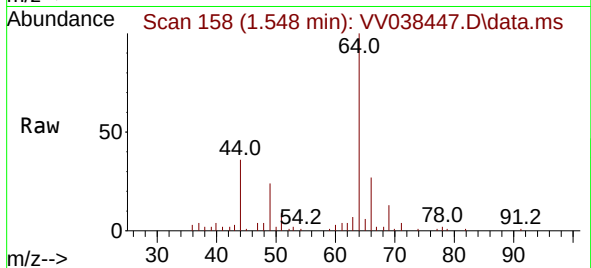




#8
Chloroethane
Concen: 0.954 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

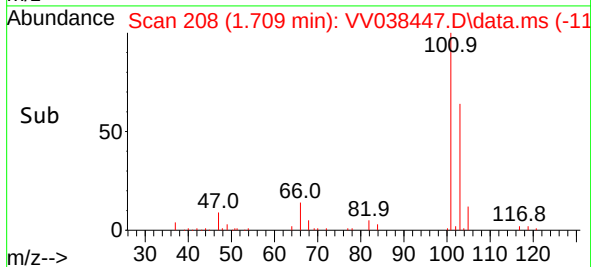
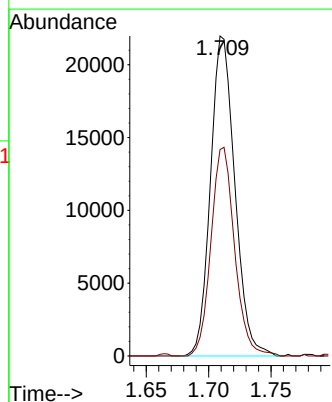
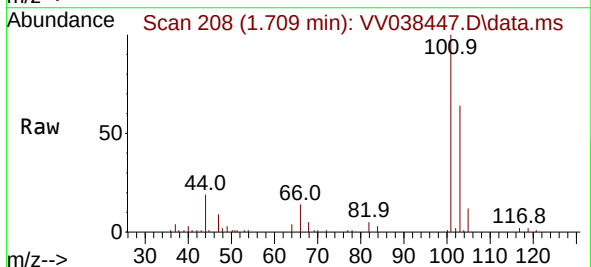
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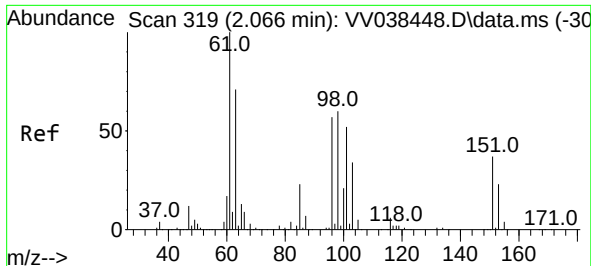
Tgt Ion: 64 Resp: 14934
Ion Ratio Lower Upper
64 100
66 27.3 22.7 42.1



#9
Trichlorofluoromethane
Concen: 0.976 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion:101 Resp: 29952
Ion Ratio Lower Upper
101 100
103 63.2 51.5 77.3

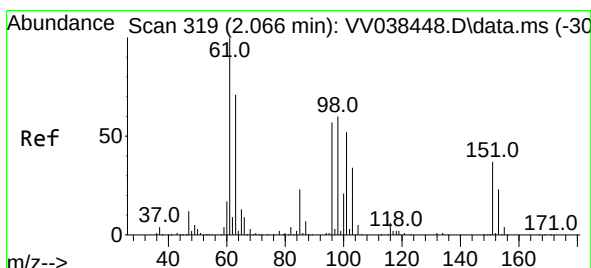
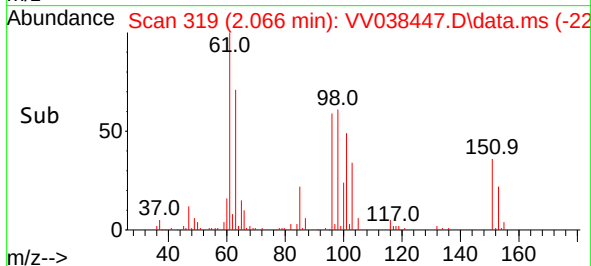
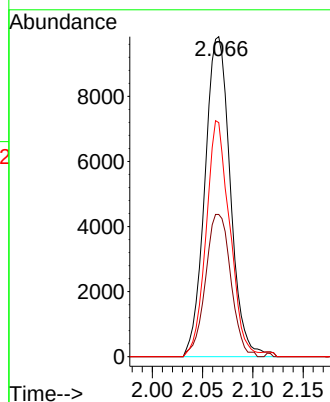
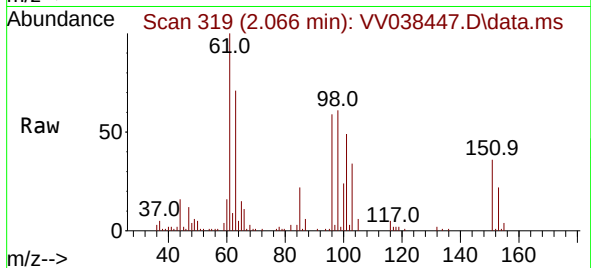




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.987 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

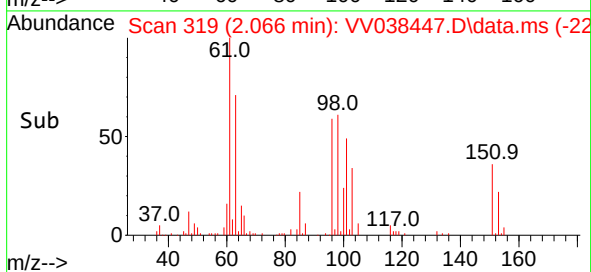
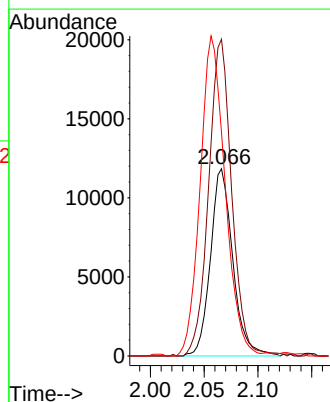
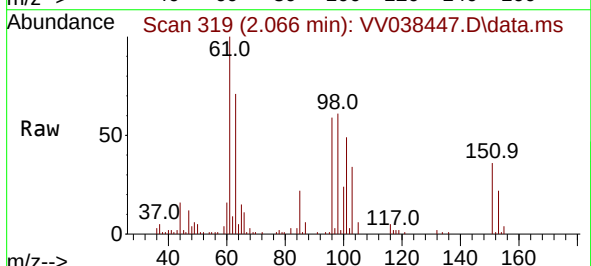
Instrument :
 MSVOA_V
 ClientSampleId :

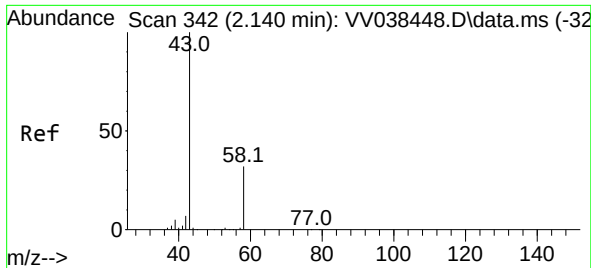
Tgt Ion:101 Resp: 17314
 Ion Ratio Lower Upper
 101 100
 85 44.3 35.2 52.8
 151 68.6 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 0.993 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Tgt Ion: 96 Resp: 17138
 Ion Ratio Lower Upper
 96 100
 61 169.2 122.2 227.0
 63 119.6 86.2 160.0





#13

Acetone

Concen: 8.545 ug/L

RT: 2.172 min Scan# 3

Delta R.T. 0.032 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

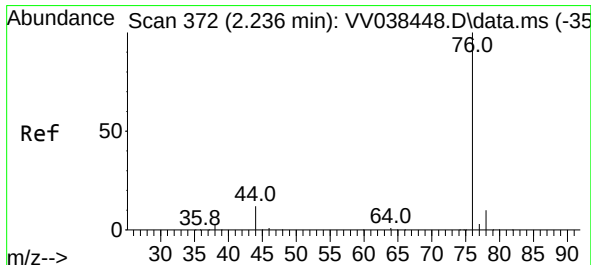
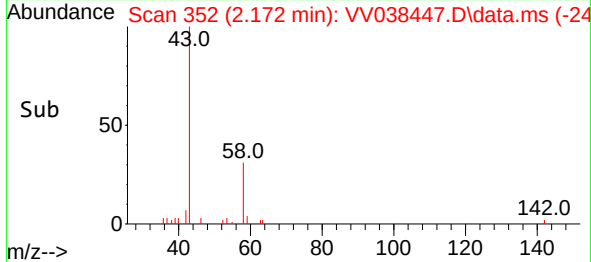
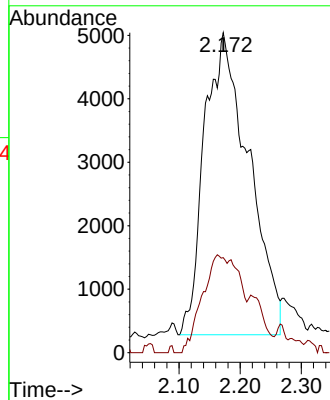
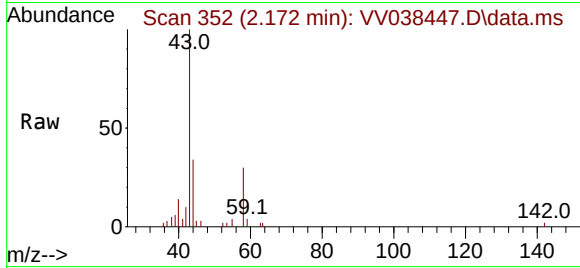
ClientSampleId :

Tgt Ion: 43 Resp: 23961

Ion Ratio Lower Upper

43 100

58 17.5 0.0 67.2



#14

Carbon disulfide

Concen: 0.960 ug/L

RT: 2.236 min Scan# 372

Delta R.T. 0.000 min

Lab File: VV038447.D

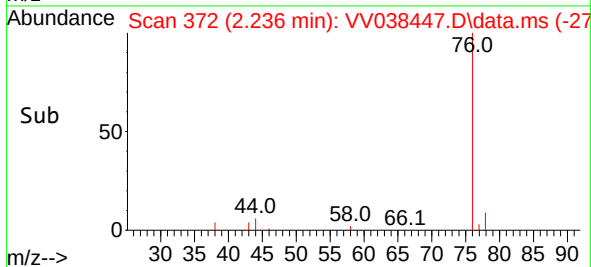
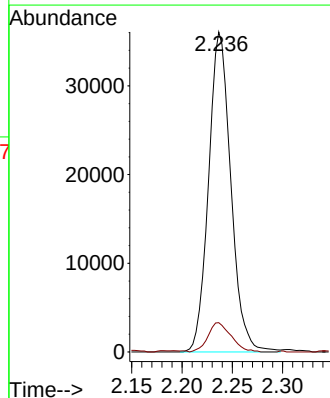
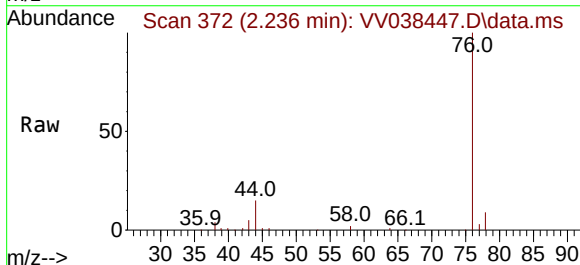
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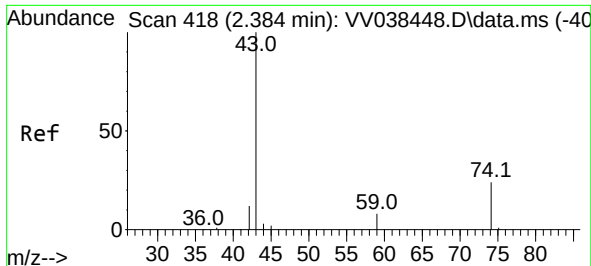
Tgt Ion: 76 Resp: 55642

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4

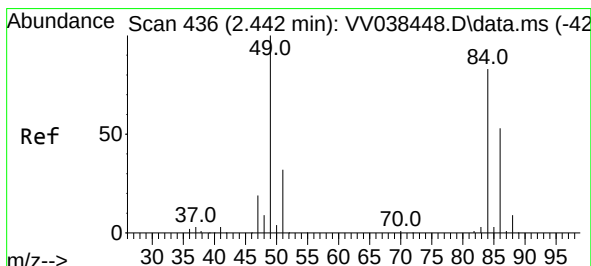
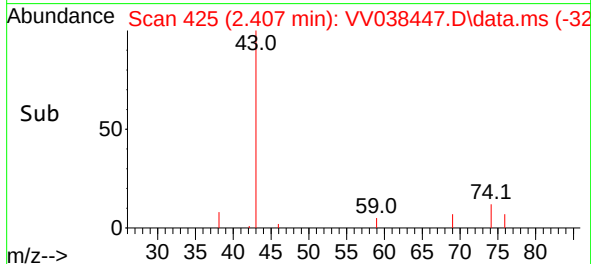
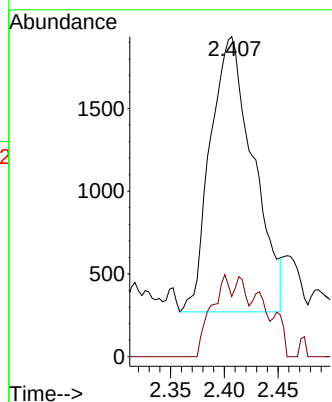
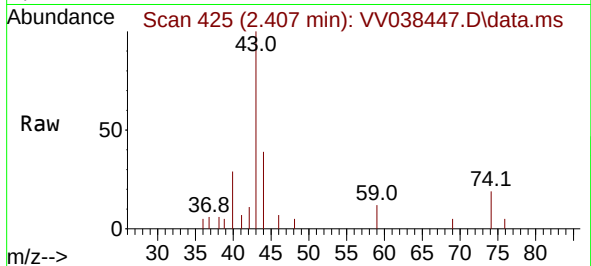




#15
Methyl Acetate
Concen: 0.643 ug/L
RT: 2.407 min Scan# 41
Delta R.T. 0.023 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

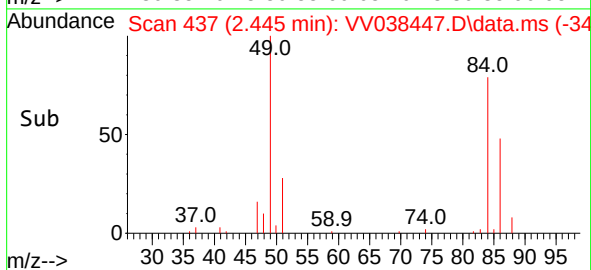
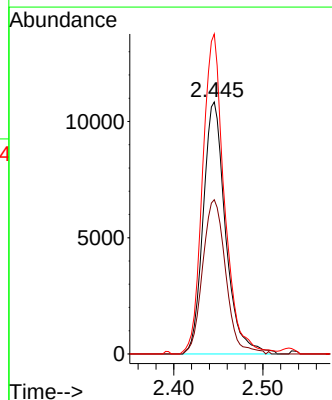
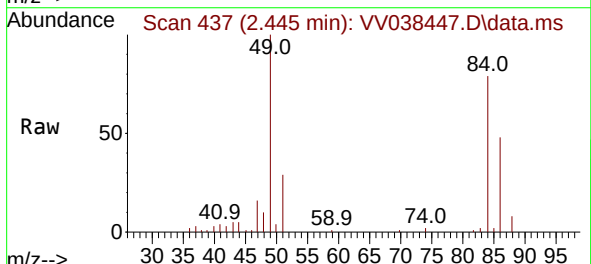
Instrument :
MSVOA_V
ClientSampleId :

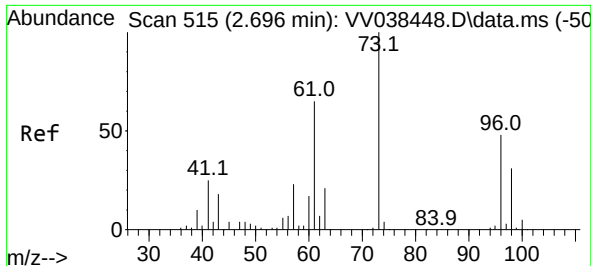
Tgt Ion: 43 Resp: 4611
Ion Ratio Lower Upper
43 100
74 5.8 20.4 30.6#



#16
Methylene chloride
Concen: 0.987 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.003 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion: 84 Resp: 18890
Ion Ratio Lower Upper
84 100
86 61.2 44.7 82.9
49 127.0 84.1 156.1





#17

Methyl tert-butyl Ether

Concen: 0.907 ug/L

RT: 2.699 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

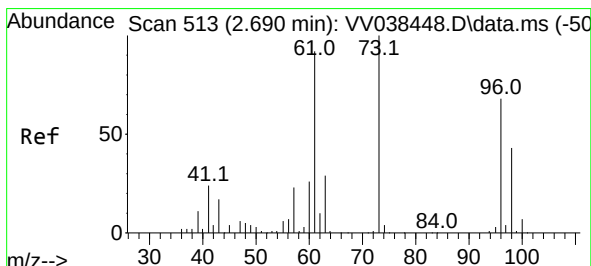
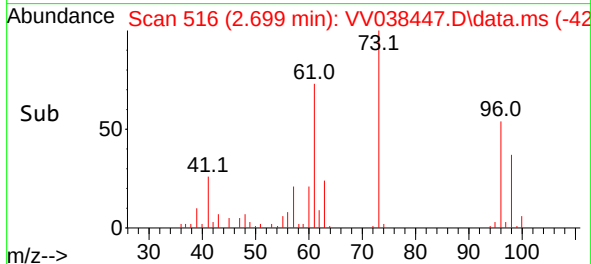
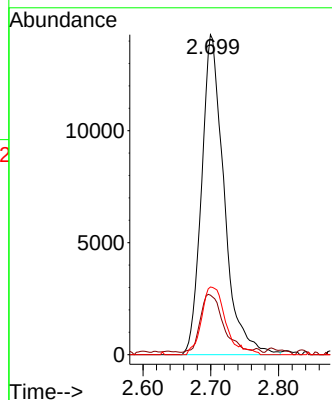
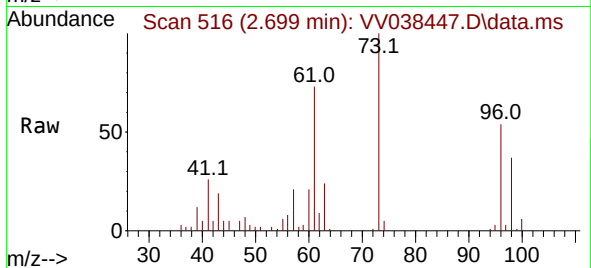
Tgt Ion: 73 Resp: 32926

Ion Ratio Lower Upper

73 100

43 19.0 14.6 21.8

57 22.7 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 0.952 ug/L

RT: 2.693 min Scan# 514

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

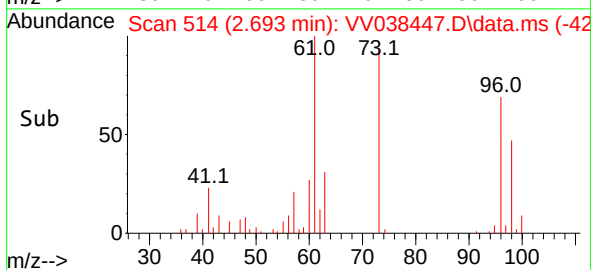
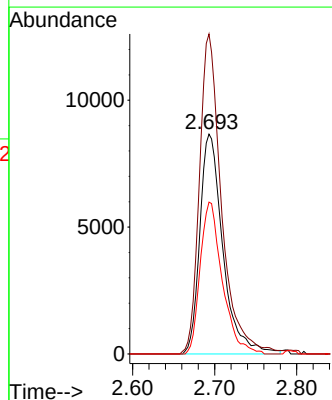
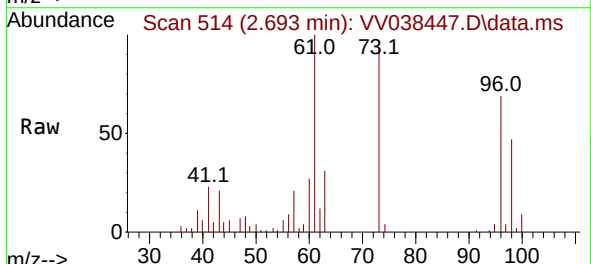
Tgt Ion: 96 Resp: 16895

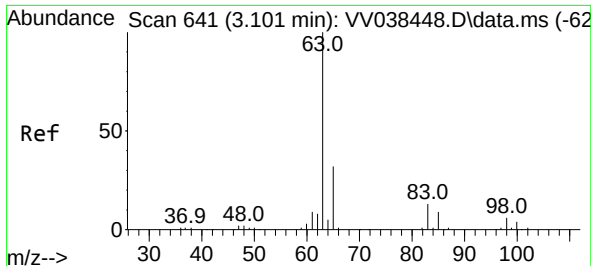
Ion Ratio Lower Upper

96 100

61 145.5 94.8 176.2

98 69.1 44.2 82.2





#19

1,1-Dichloroethane

Concen: 0.959 ug/L

RT: 3.108 min Scan# 641

Delta R.T. 0.006 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

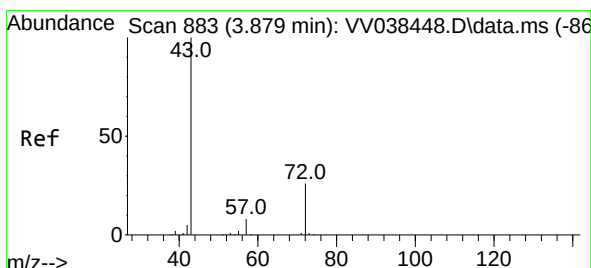
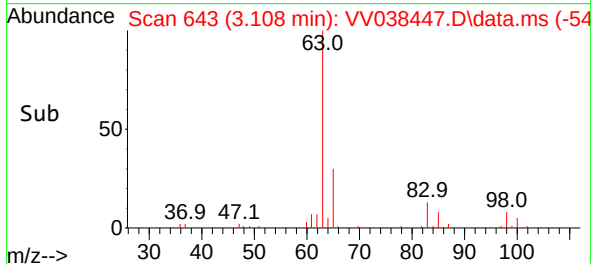
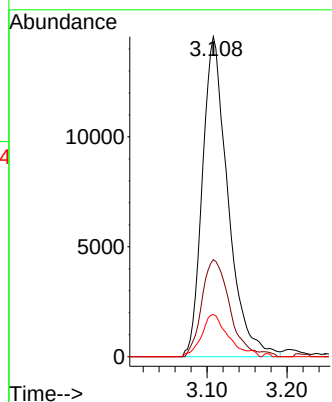
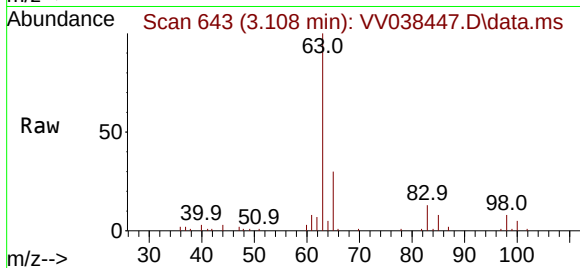
Tgt Ion: 63 Resp: 32373

Ion Ratio Lower Upper

63 100

65 30.3 22.5 41.9

83 13.1 9.4 17.6



#21

2-Butanone

Concen: 0.096 ug/L

RT: 4.146 min Scan# 966

Delta R.T. 0.267 min

Lab File: VV038447.D

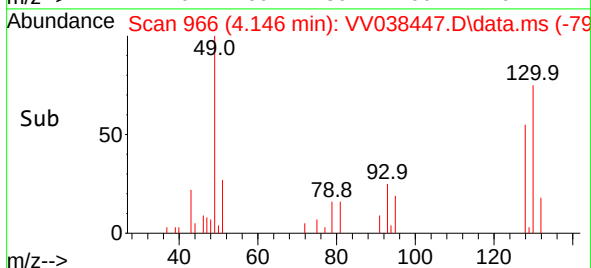
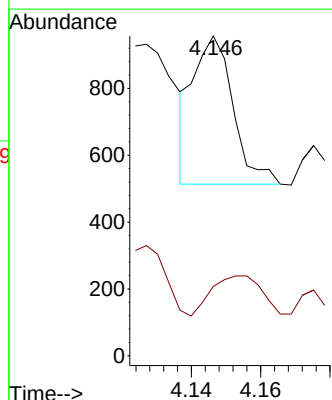
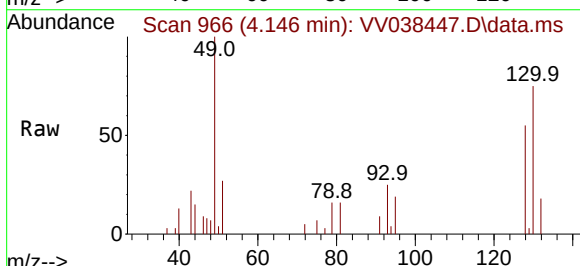
Acq: 17 Jan 2025 11:04

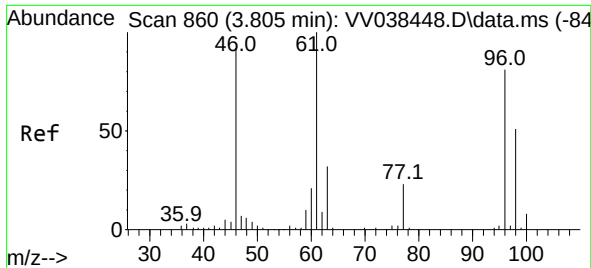
Tgt Ion: 43 Resp: 354

Ion Ratio Lower Upper

43 100

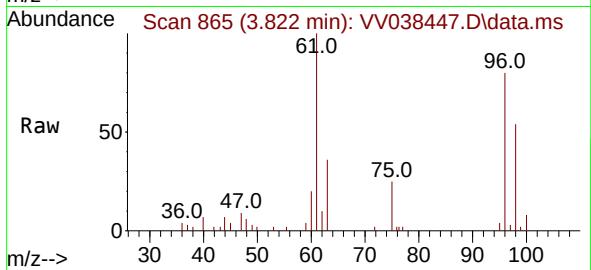
72 34.2 12.2 36.4



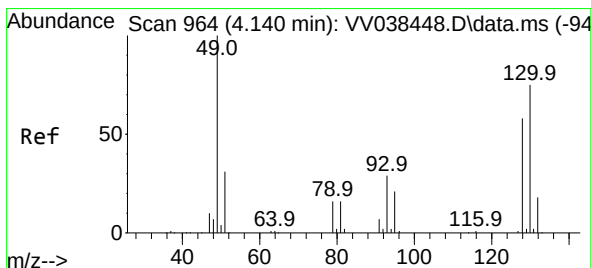
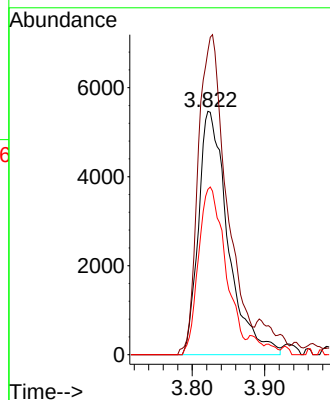
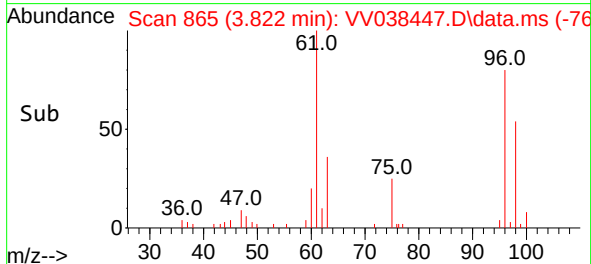


#22
 cis-1,2-Dichloroethene
 Concen: 0.854 ug/L
 RT: 3.822 min Scan# 865
 Delta R.T. 0.016 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Instrument :
 MSVOA_V
 ClientSampleId :

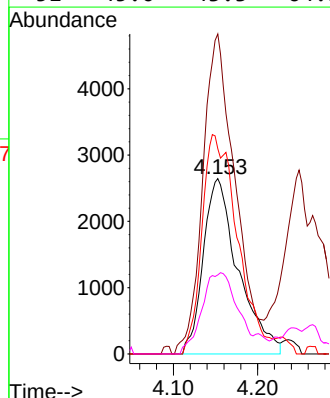
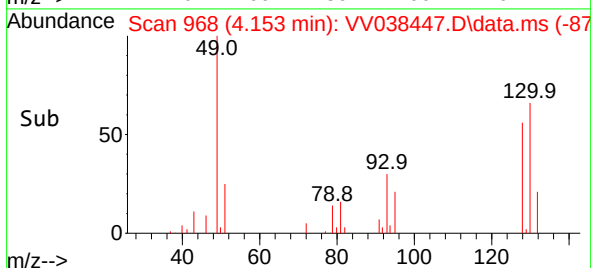
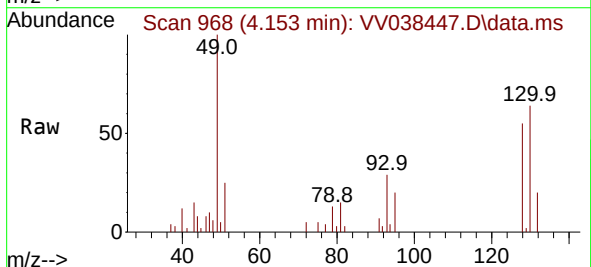


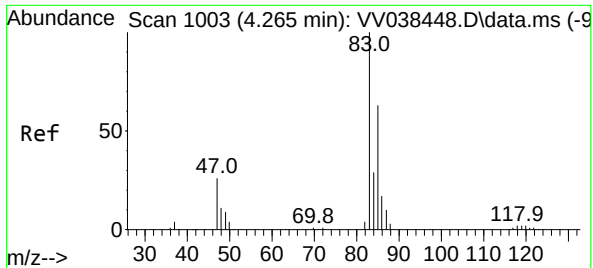
Tgt Ion: 96	Resp:	15405
Ion	Ratio	Lower Upper
96	100	
61	124.8	86.5 160.7
98	67.9	43.8 81.3



#23
 Bromochloromethane
 Concen: 0.930 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.013 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Tgt Ion: 128	Resp:	7638
Ion	Ratio	Lower Upper
128	100	
49	182.5	121.0 224.8
130	117.1	90.1 167.3
51	45.0	43.3 64.9

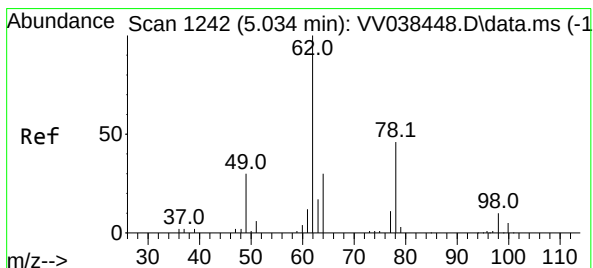
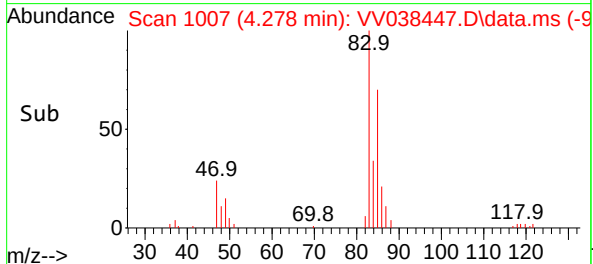
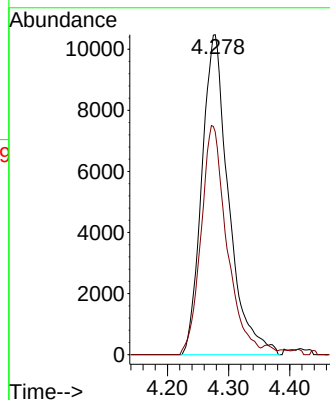
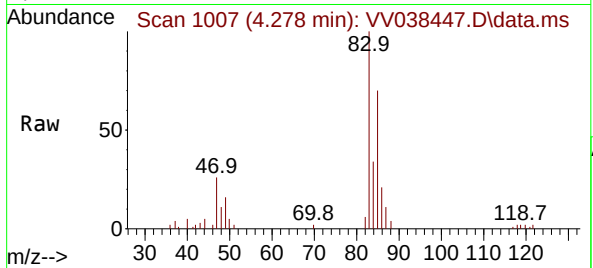




#25
Chloroform
Concen: 0.956 ug/L
RT: 4.278 min Scan# 10
Delta R.T. 0.013 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

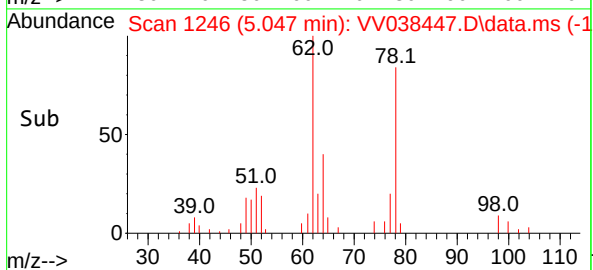
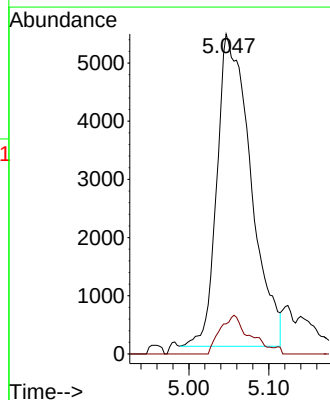
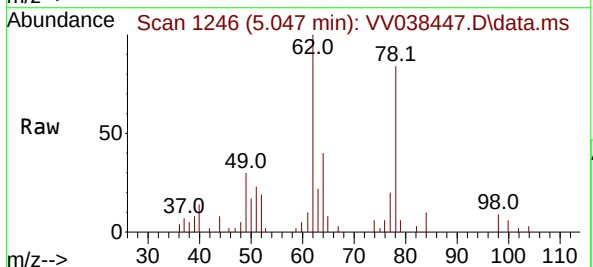
Instrument :
MSVOA_V
ClientSampleId :

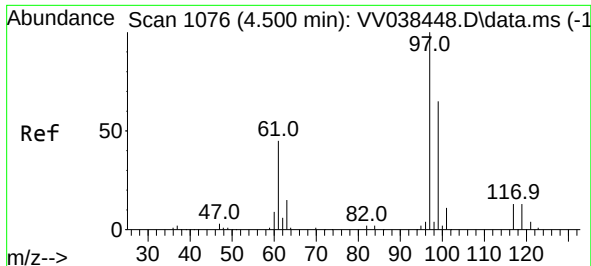
Tgt Ion: 83 Resp: 31931
Ion Ratio Lower Upper
83 100
85 69.6 44.0 81.8



#27
1,2-Dichloroethane
Concen: 0.849 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.013 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion: 62 Resp: 15761
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 0.927 ug/L

RT: 4.503 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

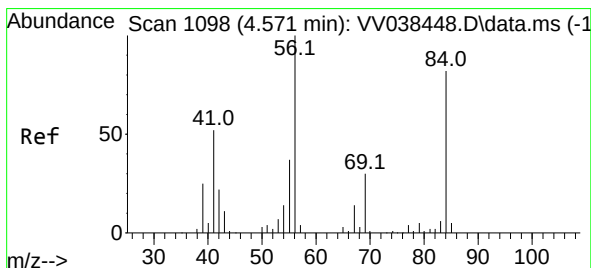
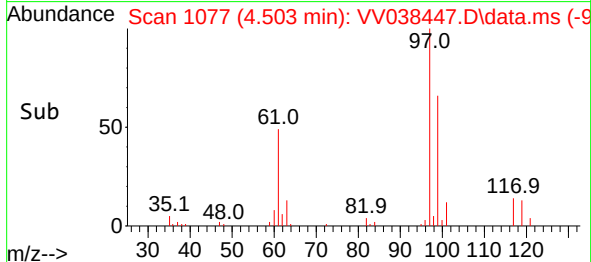
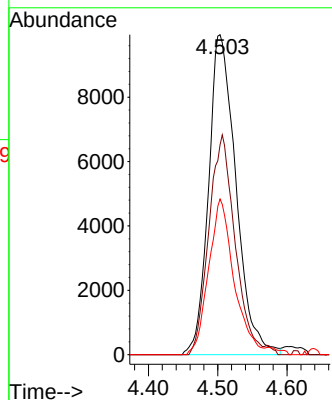
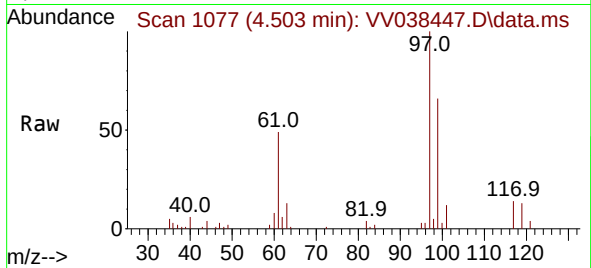
Tgt Ion: 97 Resp: 27317

Ion Ratio Lower Upper

97 100

99 65.6 52.9 79.3

61 45.1 36.4 54.6



#30

Cyclohexane

Concen: 0.827 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

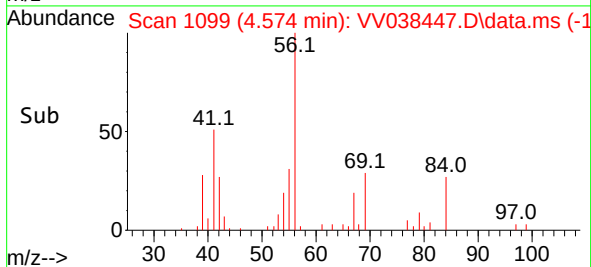
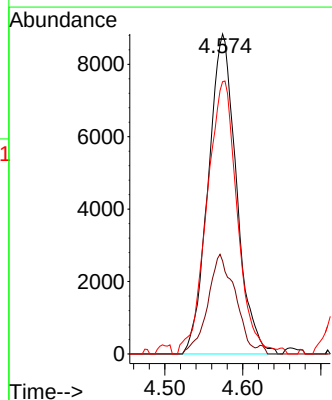
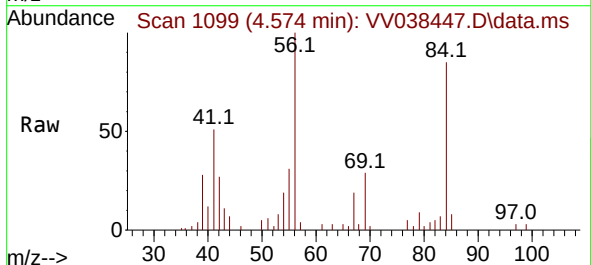
Tgt Ion: 56 Resp: 22214

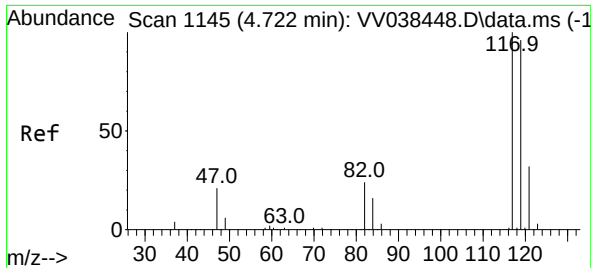
Ion Ratio Lower Upper

56 100

69 30.3 24.7 37.1

84 91.4 68.2 102.2

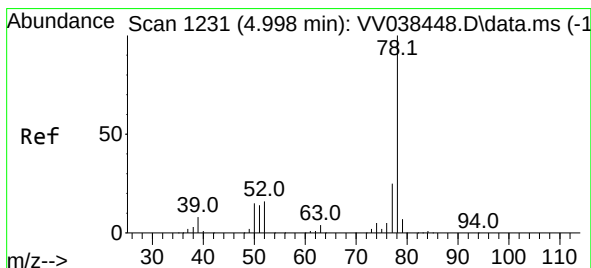
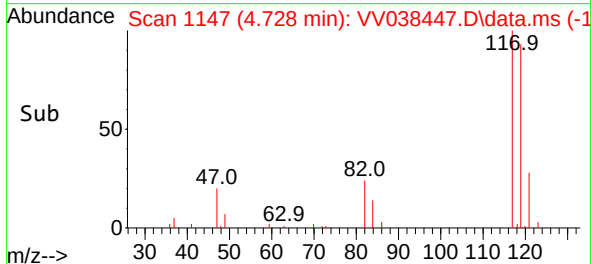
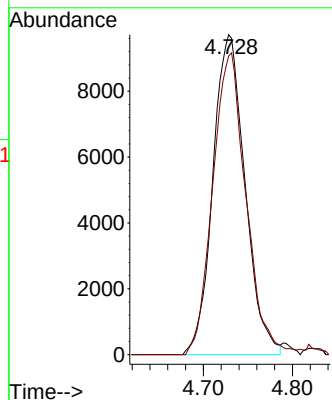
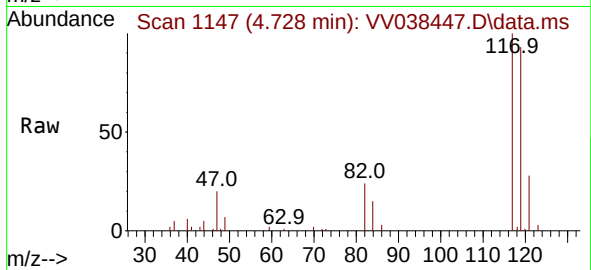




#31
Carbon tetrachloride
Concen: 0.933 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

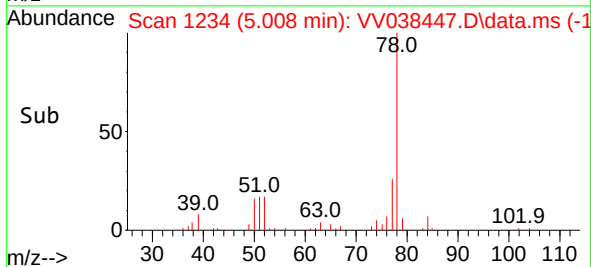
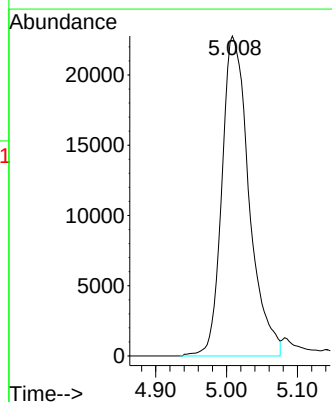
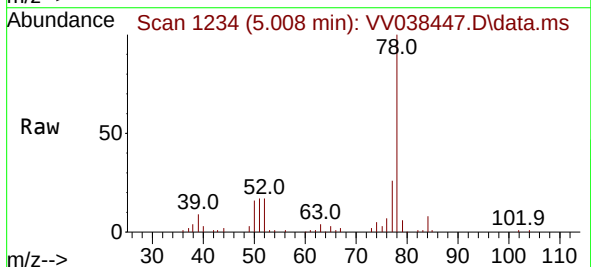
Instrument :
MSVOA_V
ClientSampleId :

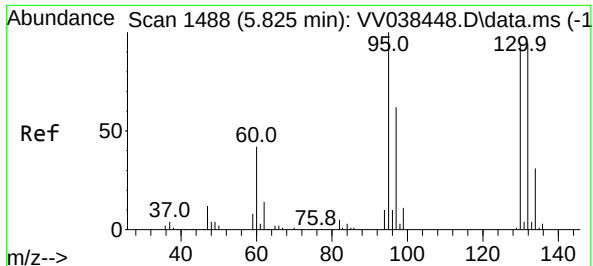
Tgt Ion:117 Resp: 24319
Ion Ratio Lower Upper
117 100
119 97.4 76.6 115.0



#33
Benzene
Concen: 0.863 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. 0.010 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion: 78 Resp: 60757





#34

Trichloroethene

Concen: 0.888 ug/L

RT: 5.838 min Scan# 1488

Delta R.T. 0.013 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 16241

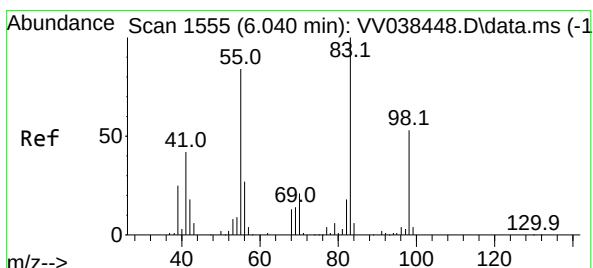
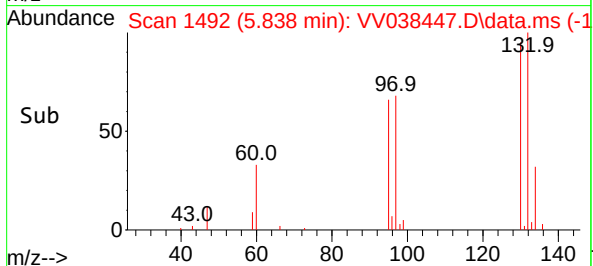
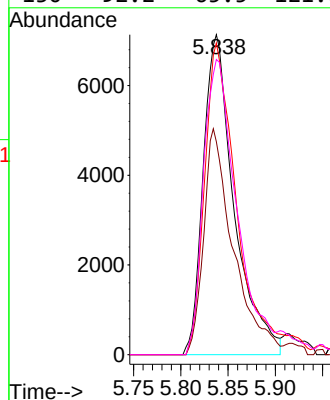
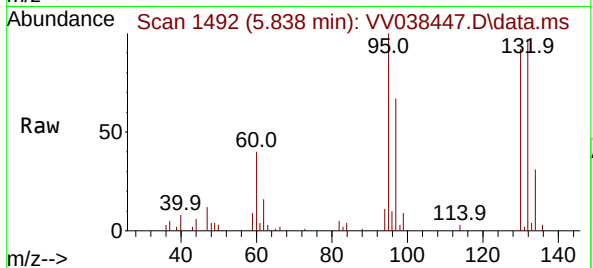
Ion Ratio Lower Upper

95 100

97 66.6 43.4 80.6

132 97.4 65.5 121.6

130 92.2 65.5 121.6



#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.040 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

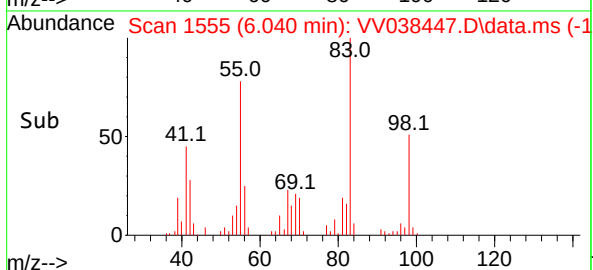
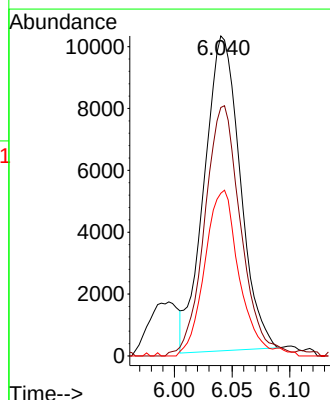
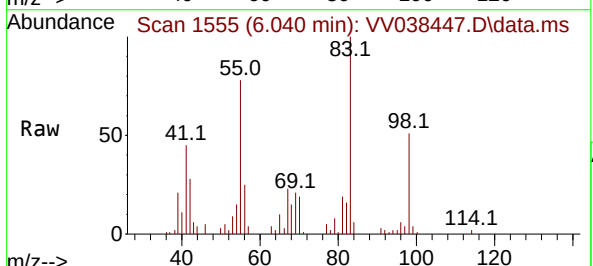
Tgt Ion: 83 Resp: 22051

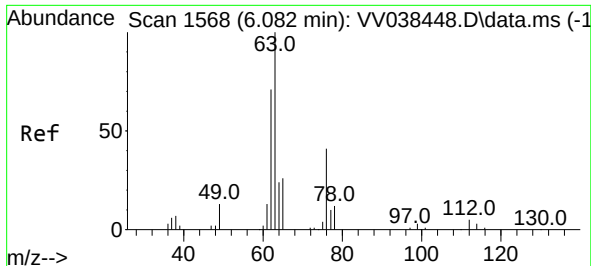
Ion Ratio Lower Upper

83 100

55 80.0 59.4 89.0

98 49.9 37.8 56.8





#37

1,2-Dichloropropane

Concen: 0.847 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

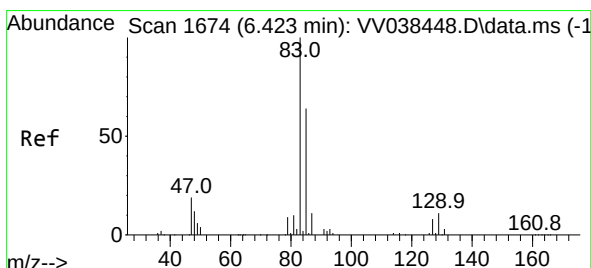
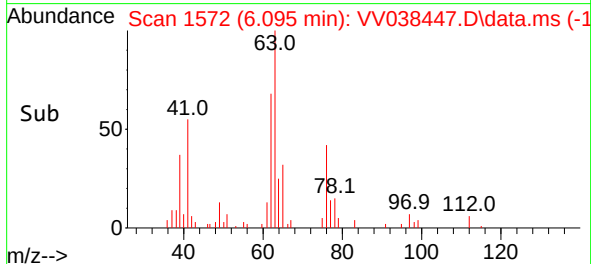
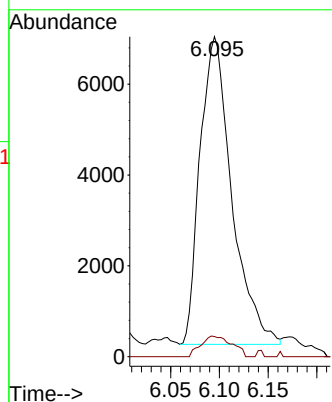
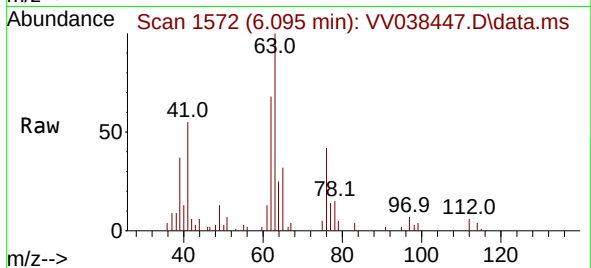
ClientSampleId :

Tgt Ion: 63 Resp: 15405

Ion Ratio Lower Upper

63 100

112 6.5 4.1 6.1#



#38

Bromodichloromethane

Concen: 0.925 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.010 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

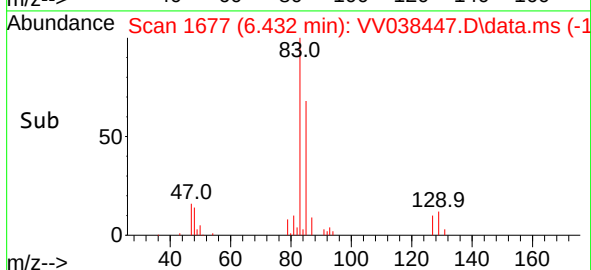
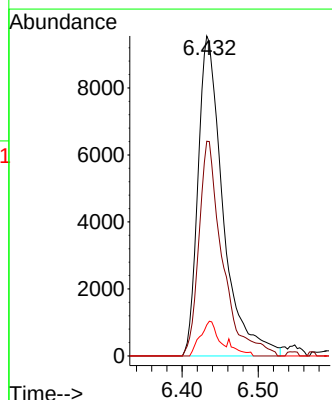
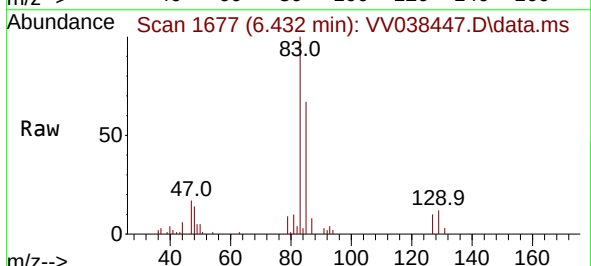
Tgt Ion: 83 Resp: 21813

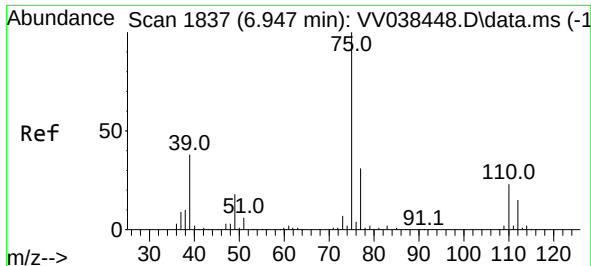
Ion Ratio Lower Upper

83 100

85 67.1 44.7 83.1

127 9.7 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 0.796 ug/L

RT: 6.960 min Scan# 1837

Delta R.T. 0.013 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

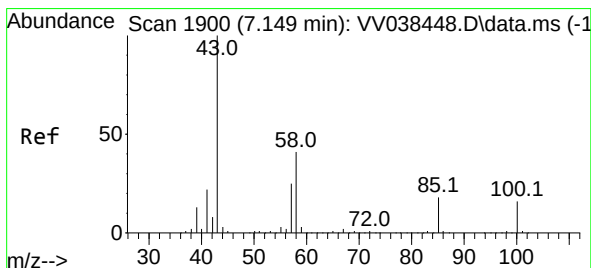
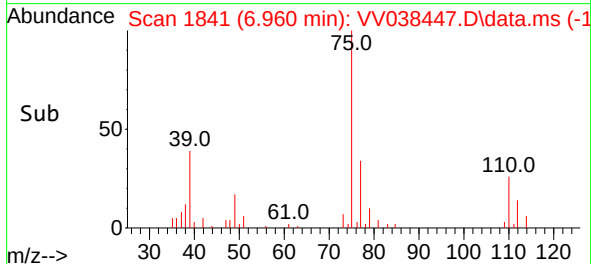
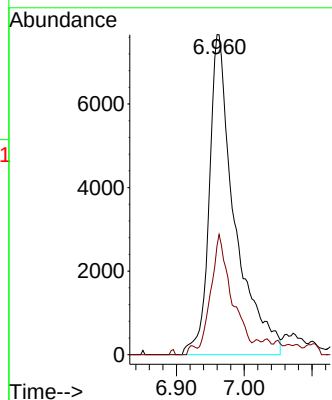
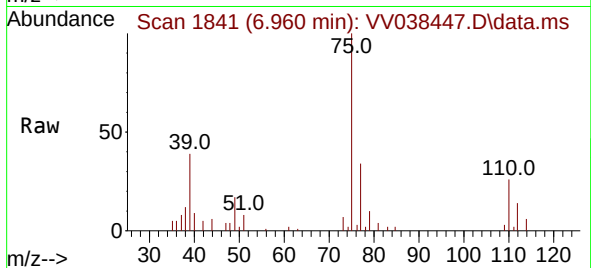
ClientSampleId :

Tgt Ion: 75 Resp: 19957

Ion Ratio Lower Upper

75 100

77 34.0 21.7 40.3



#40

4-Methyl-2-pentanone

Concen: 7.600 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.013 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

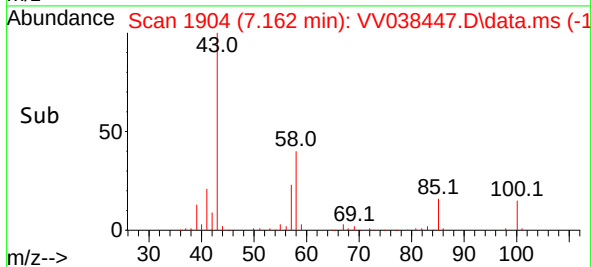
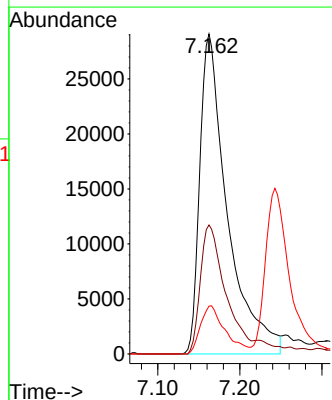
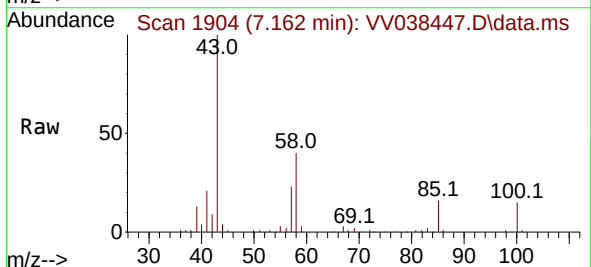
Tgt Ion: 43 Resp: 67885

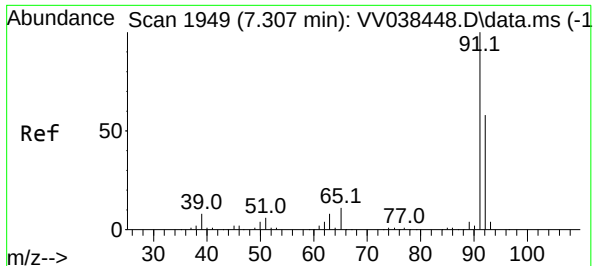
Ion Ratio Lower Upper

43 100

58 36.9 31.7 47.5

100 13.5 12.4 18.6





#42

Toluene

Concen: 0.864 ug/L

RT: 7.313 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

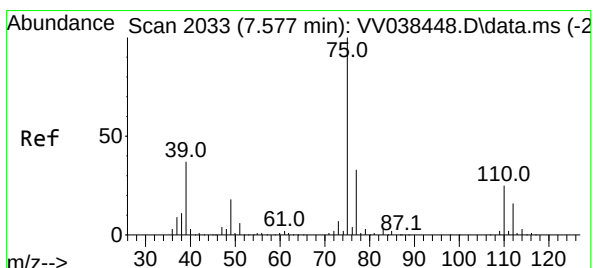
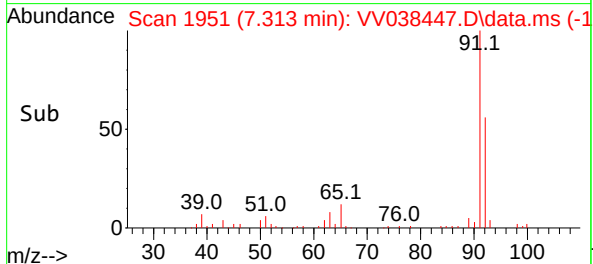
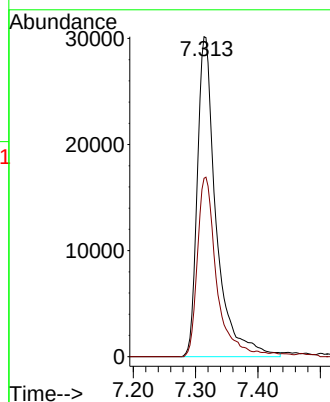
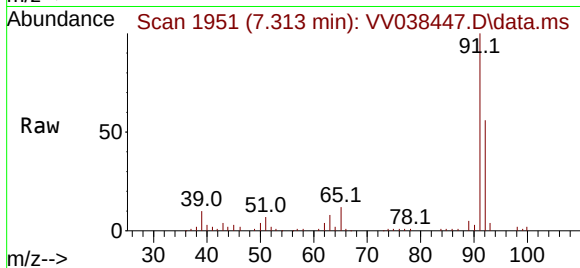
ClientSampleId :

Tgt Ion: 91 Resp: 63377

Ion Ratio Lower Upper

91 100

92 55.8 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.825 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.013 min

Lab File: VV038447.D

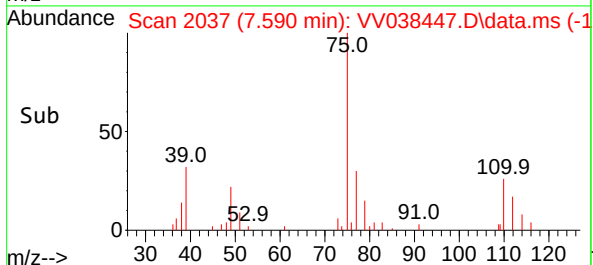
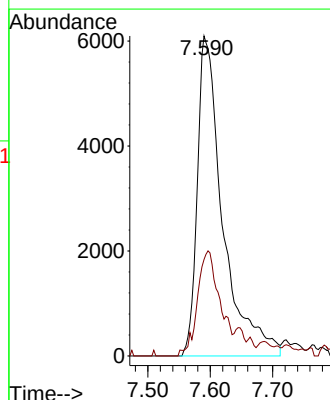
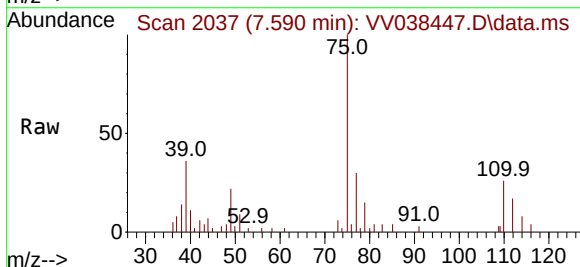
Acq: 17 Jan 2025 11:04

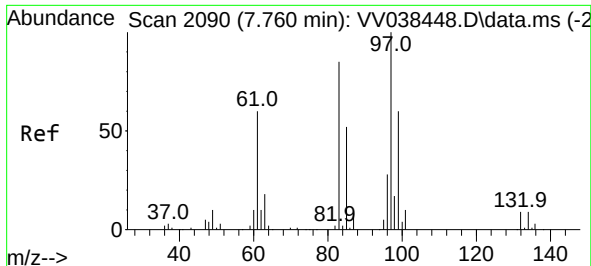
Tgt Ion: 75 Resp: 17234

Ion Ratio Lower Upper

75 100

77 30.2 22.8 42.4

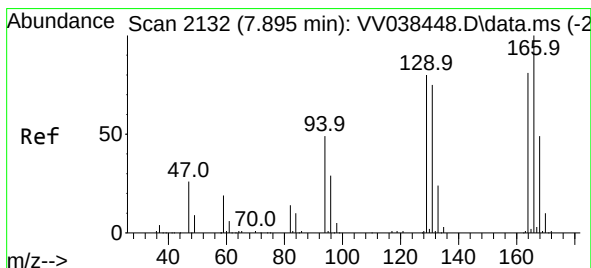
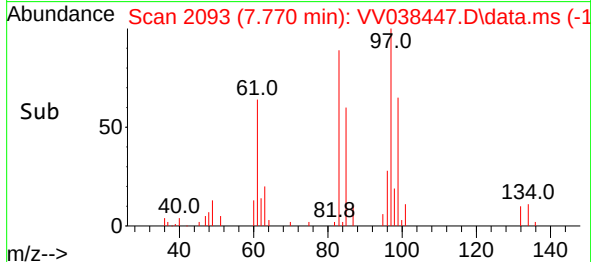
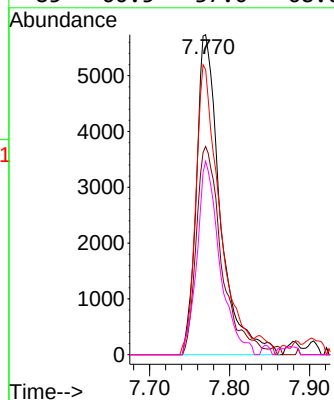
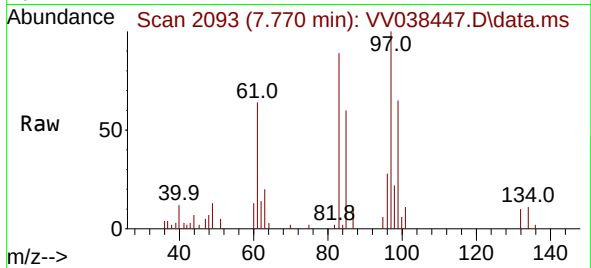




#45
1,1,2-Trichloroethane
Concen: 0.910 ug/L
RT: 7.770 min Scan# 2090
Delta R.T. 0.010 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

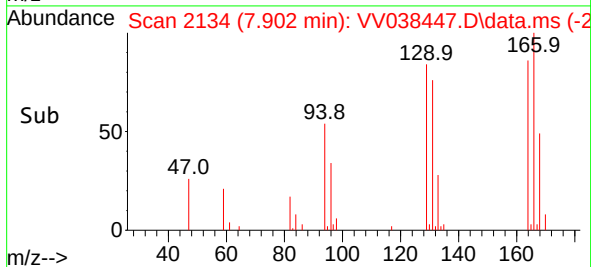
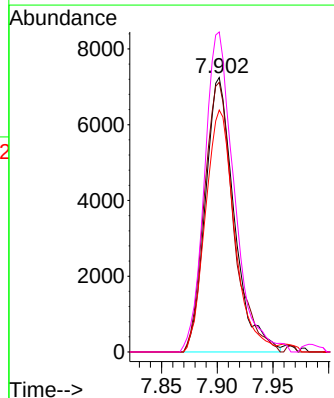
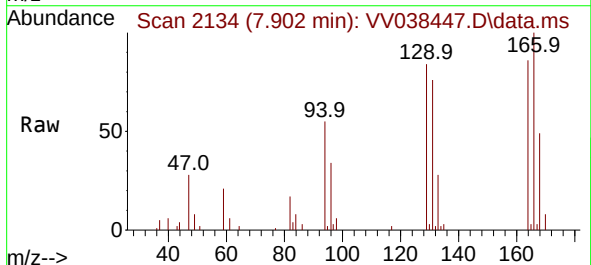
Instrument :
MSVOA_V
ClientSampleId :

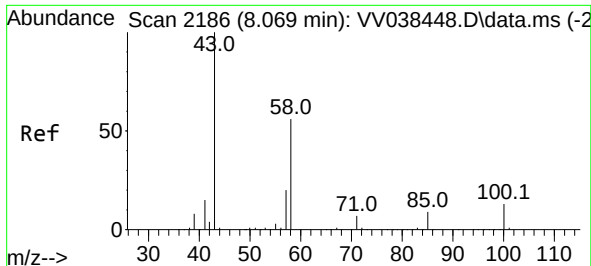
Tgt Ion:	97	Resp:	11904
Ion	Ratio	Lower	Upper
97	100		
99	65.1	42.3	78.5
83	89.0	59.4	110.4
85	60.5	37.0	68.6



#47
Tetrachloroethene
Concen: 0.918 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion:	164	Resp:	13007
Ion	Ratio	Lower	Upper
164	100		
129	98.2	68.9	127.9
131	88.2	65.2	121.2
166	116.6	86.7	160.9

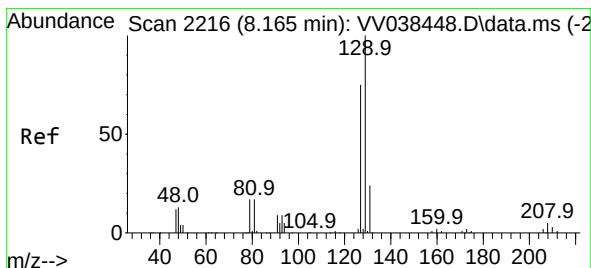
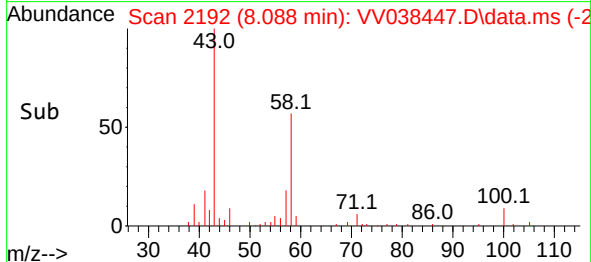
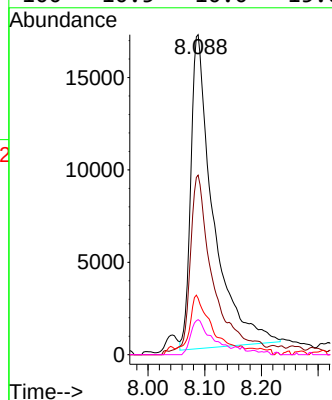
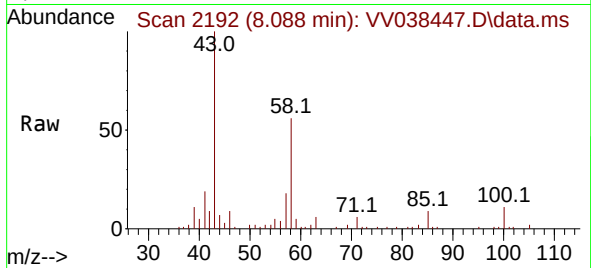




#48
2-Hexanone
Concen: 7.245 ug/L
RT: 8.088 min Scan# 2186
Delta R.T. 0.019 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

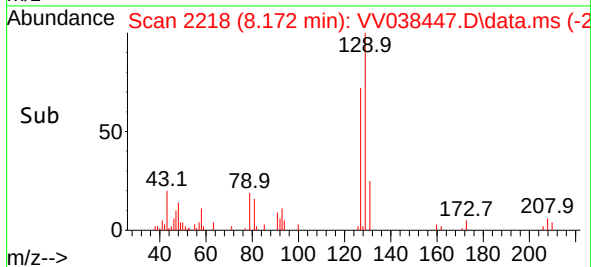
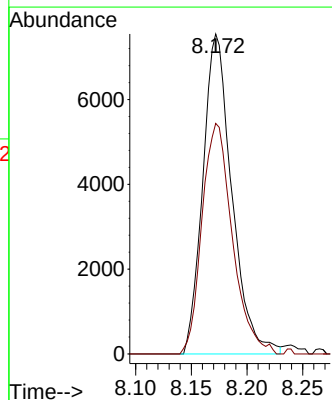
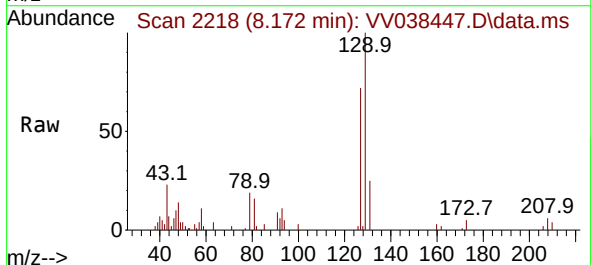
Instrument :
MSVOA_V
ClientSampleId :

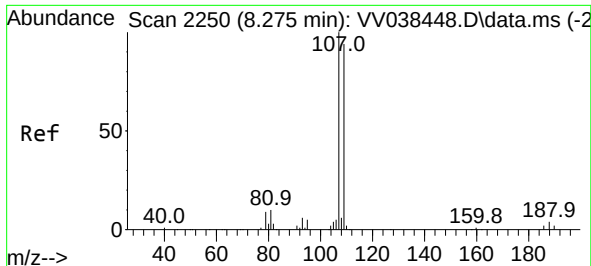
Tgt Ion: 43 Resp: 46577
Ion Ratio Lower Upper
43 100
58 54.0 43.6 65.4
57 15.9 15.0 22.4
100 10.5 10.0 15.0



#49
Dibromochloromethane
Concen: 0.907 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion: 129 Resp: 13655
Ion Ratio Lower Upper
129 100
127 72.1 52.8 98.2

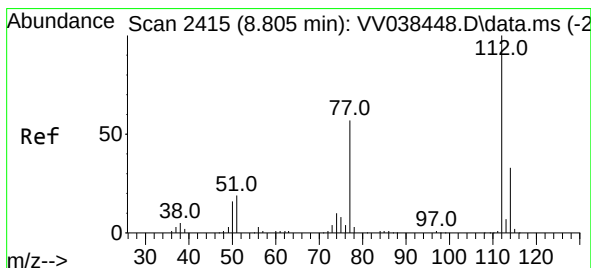
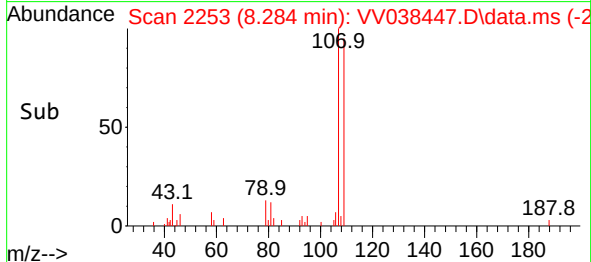
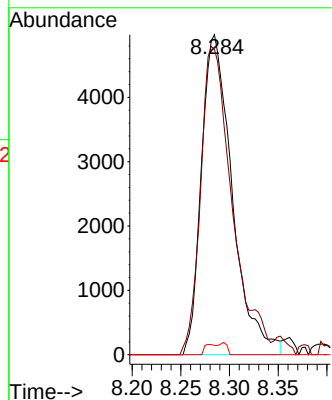
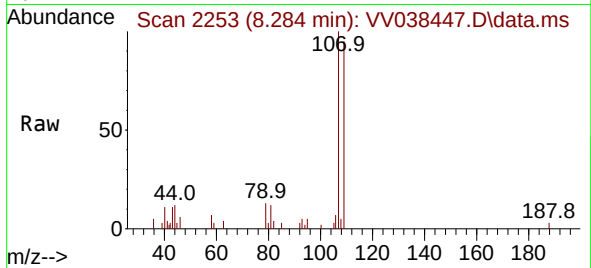




#50
1,2-Dibromoethane
Concen: 0.899 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

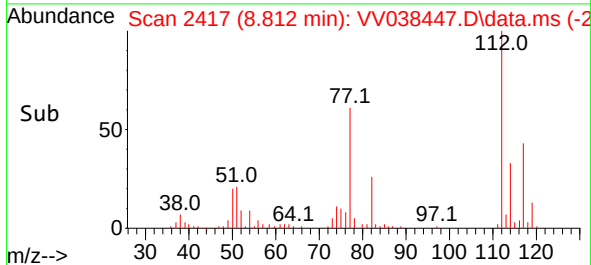
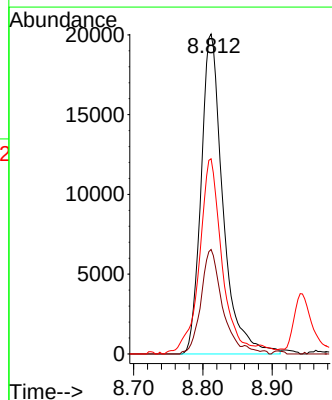
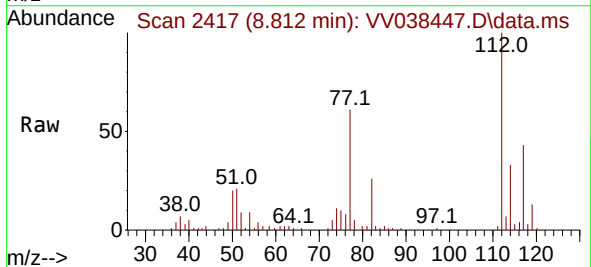
Instrument :
MSVOA_V
ClientSampleId :

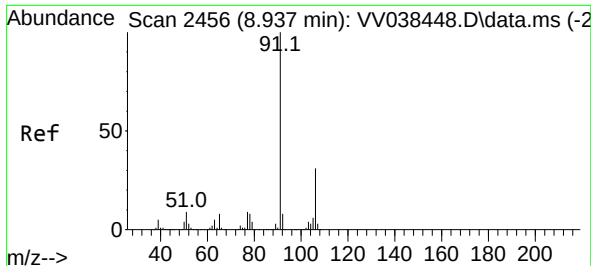
Tgt Ion:107 Resp: 10936
Ion Ratio Lower Upper
107 100
109 95.5 65.9 122.3
188 2.9 2.8 4.2



#51
Chlorobenzene
Concen: 0.889 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion:112 Resp: 43878
Ion Ratio Lower Upper
112 100
114 32.6 22.9 42.5
77 61.0 46.1 69.1





#52

Ethylbenzene

Concen: 0.815 ug/L

RT: 8.944 min Scan# 2456

Delta R.T. 0.006 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

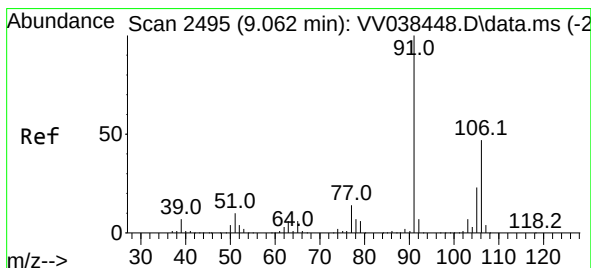
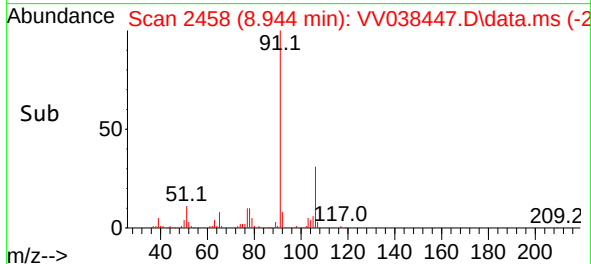
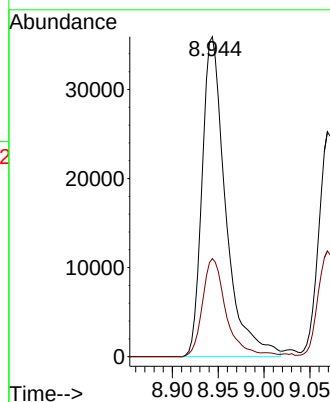
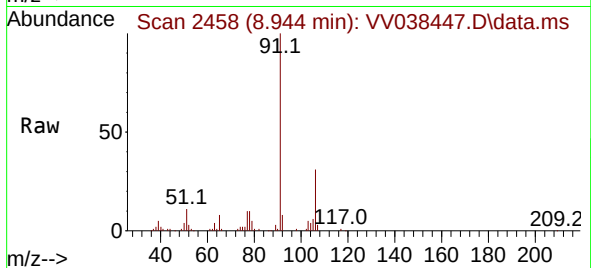
ClientSampleId :

Tgt Ion: 91 Resp: 64329

Ion Ratio Lower Upper

91 100

106 30.7 22.0 40.8



#53

m,p-Xylene

Concen: 0.794 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.006 min

Lab File: VV038447.D

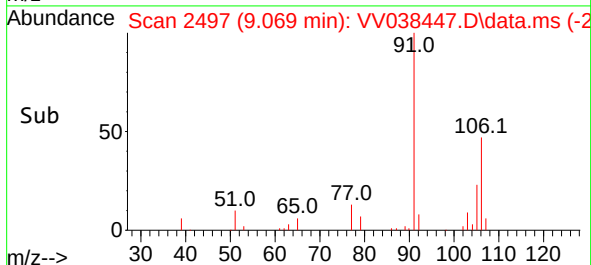
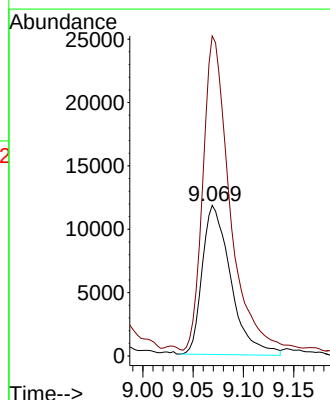
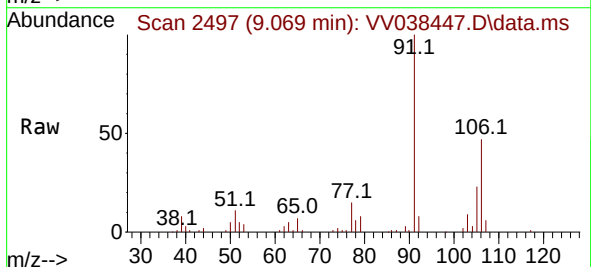
Acq: 17 Jan 2025 11:04

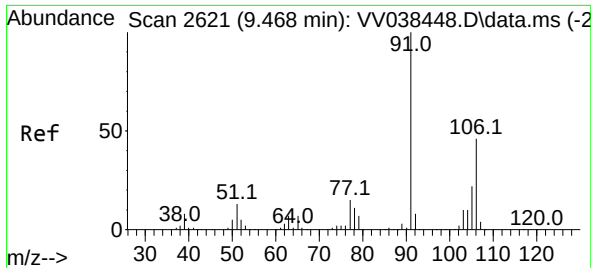
Tgt Ion:106 Resp: 23198

Ion Ratio Lower Upper

106 100

91 212.6 148.2 275.2

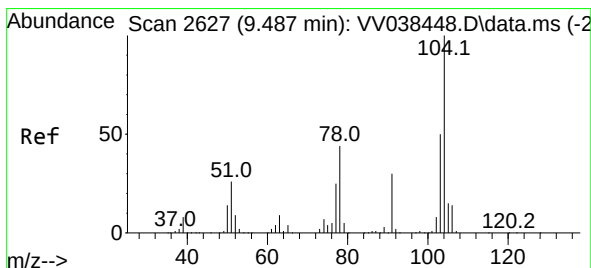
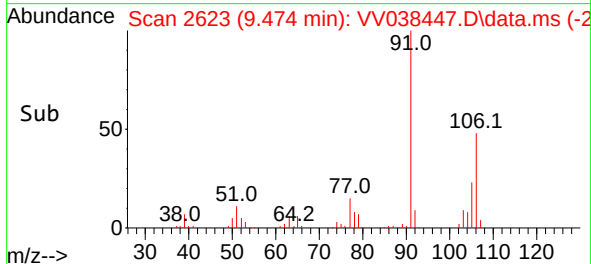
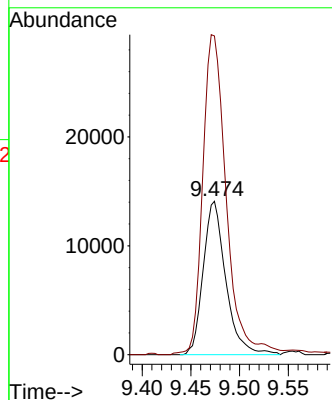
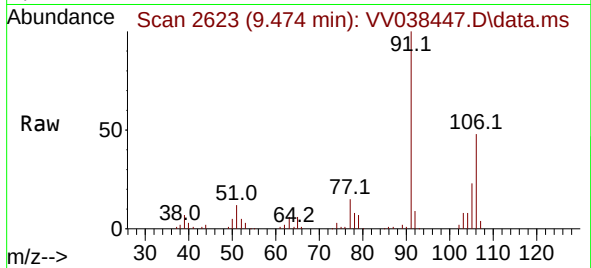




#54
o-Xylene
Concen: 0.797 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

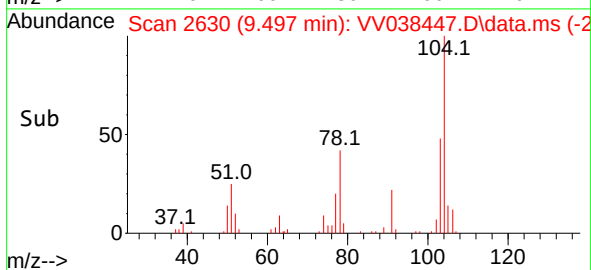
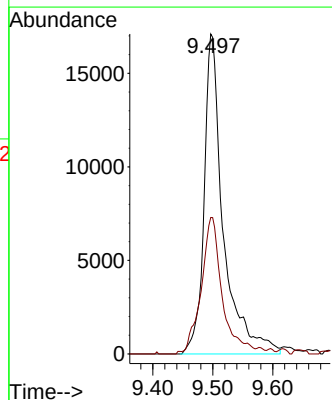
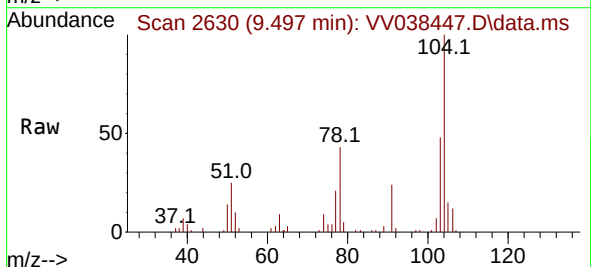
Instrument :
MSVOA_V
ClientSampleId :

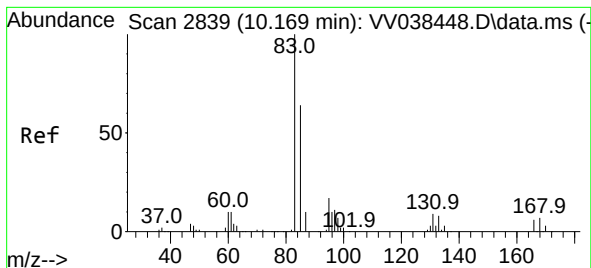
Tgt Ion:106 Resp: 22712
Ion Ratio Lower Upper
106 100
91 207.6 151.4 281.2



#55
Styrene
Concen: 0.777 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.010 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion:104 Resp: 38204
Ion Ratio Lower Upper
104 100
78 42.7 30.8 57.2

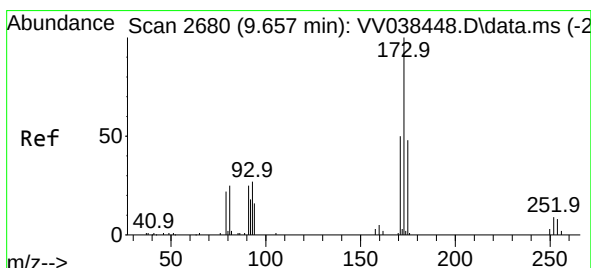
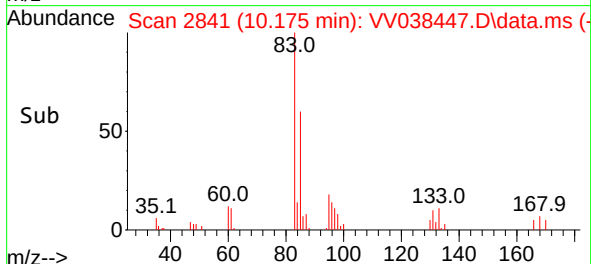
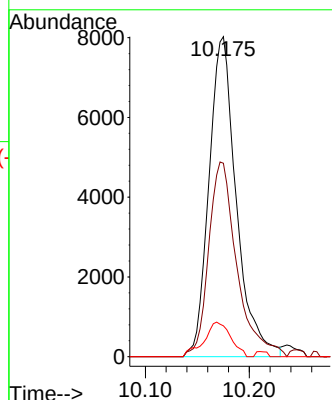
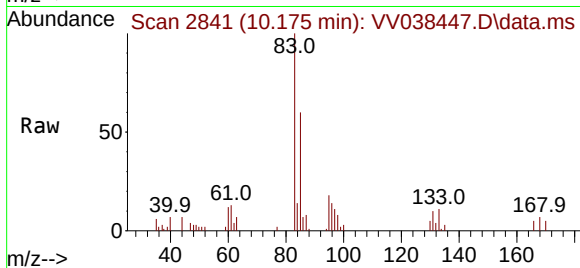




#57
1,1,2,2-Tetrachloroethane
Concen: 0.921 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

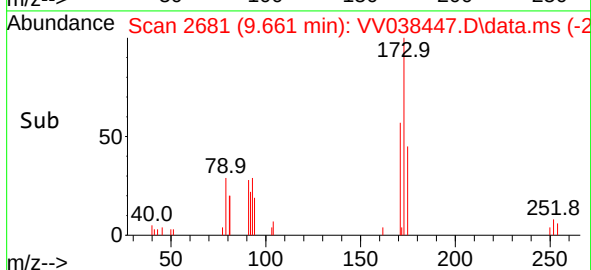
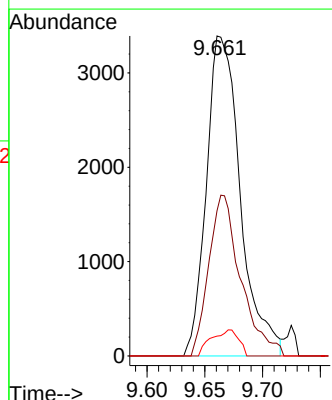
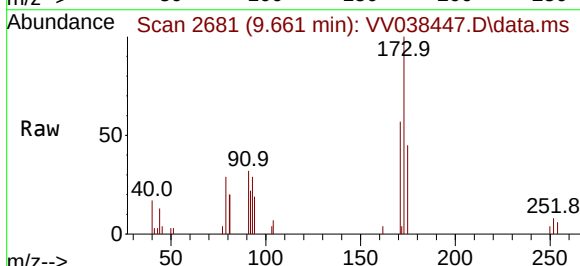
Instrument :
MSVOA_V
ClientSampleId :

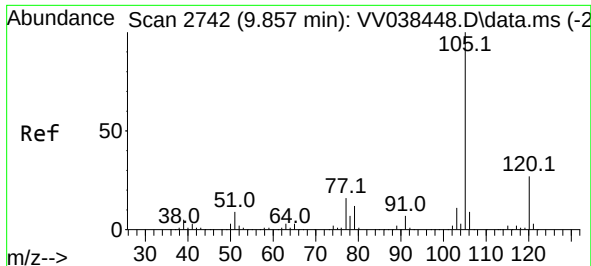
Tgt Ion: 83 Resp: 14661
Ion Ratio Lower Upper
83 100
85 60.4 45.1 83.7
131 9.6 7.5 11.3



#59
Bromoform
Concen: 0.952 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

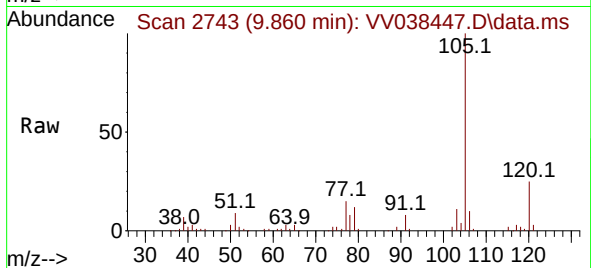
Tgt Ion: 173 Resp: 6939
Ion Ratio Lower Upper
173 100
175 47.3 37.6 56.4
254 6.6 5.6 8.4



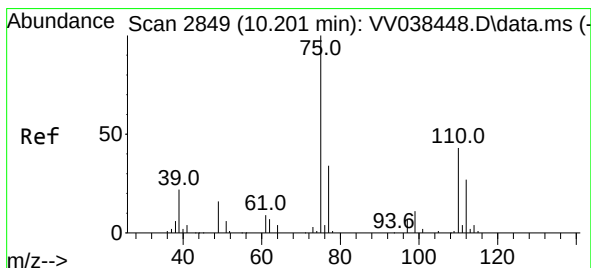
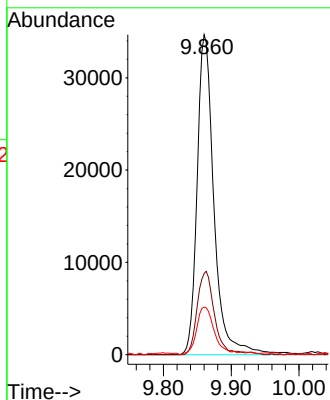
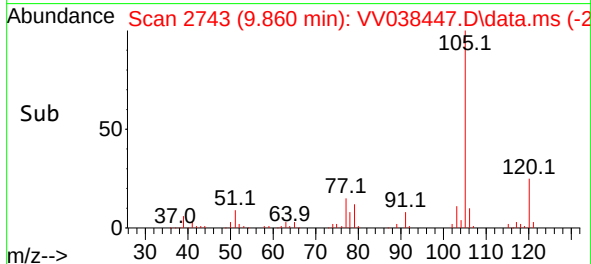


#60
Isopropylbenzene
Concen: 0.848 ug/L
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

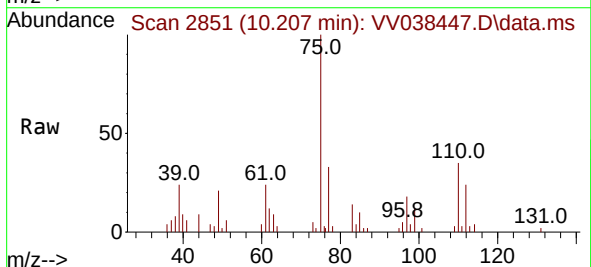
Instrument :
MSVOA_V
ClientSampleId :



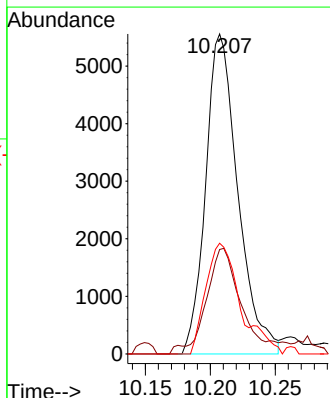
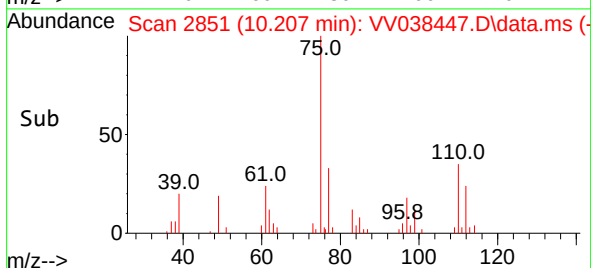
Tgt Ion:105 Resp: 59632
Ion Ratio Lower Upper
105 100
120 25.9 21.4 32.2
77 15.9 12.7 19.1

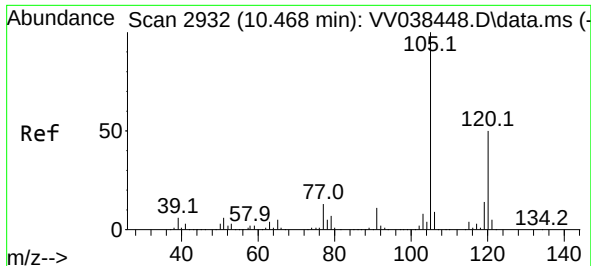


#61
1,2,3-Trichloropropane
Concen: 0.956 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04



Tgt Ion: 75 Resp: 9596
Ion Ratio Lower Upper
75 100
77 36.8 25.4 38.0
110 36.9 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 0.827 ug/L

RT: 10.471 min Scan# 2933

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

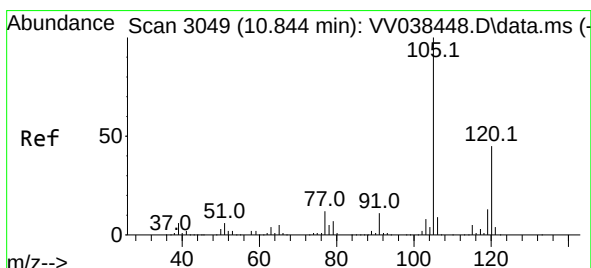
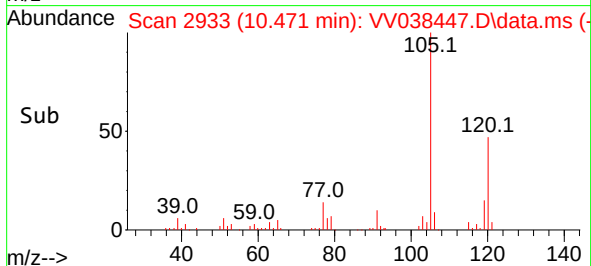
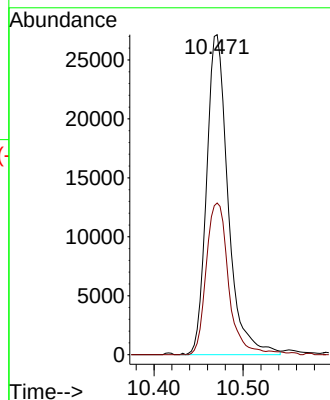
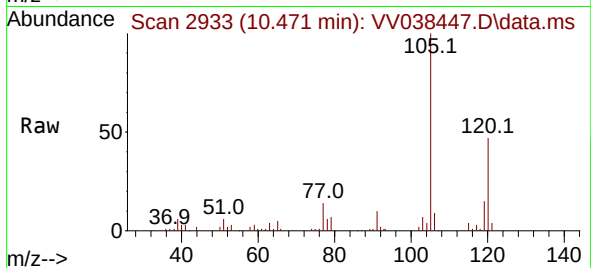
ClientSampleId :

Tgt Ion:105 Resp: 45503

Ion Ratio Lower Upper

105 100

120 48.8 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.781 ug/L

RT: 10.847 min Scan# 3050

Delta R.T. 0.003 min

Lab File: VV038447.D

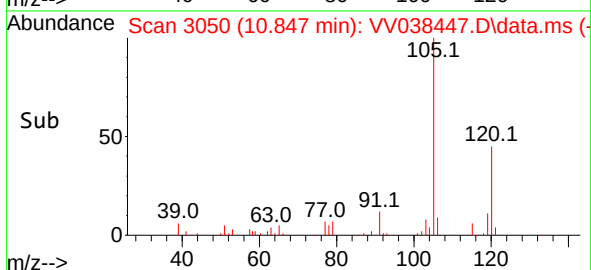
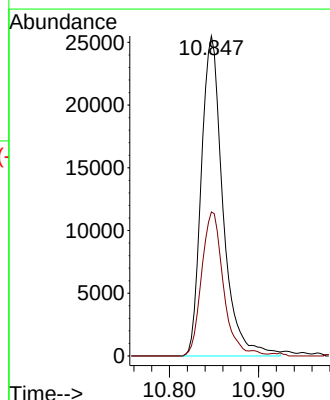
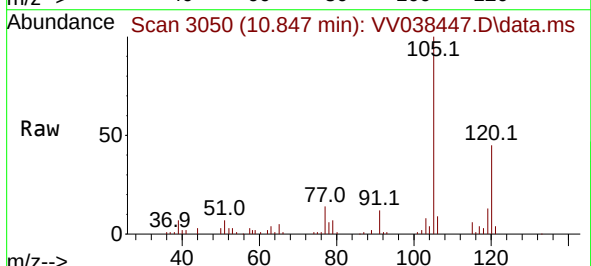
Acq: 17 Jan 2025 11:04

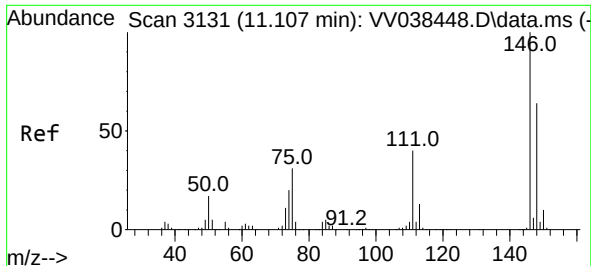
Tgt Ion:105 Resp: 42913

Ion Ratio Lower Upper

105 100

120 45.7 35.8 53.8

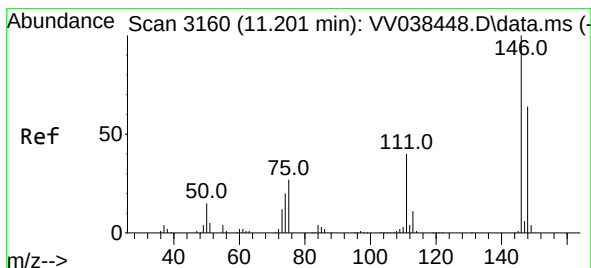
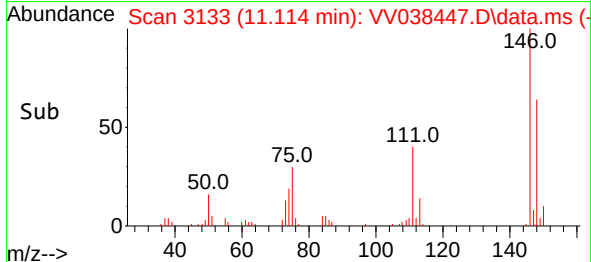
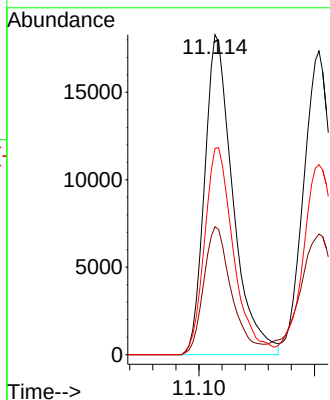
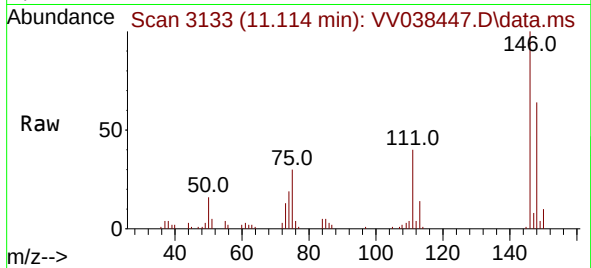




#64
1,3-Dichlorobenzene
Concen: 0.894 ug/L
RT: 11.114 min Scan# 31161
Delta R.T. 0.006 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

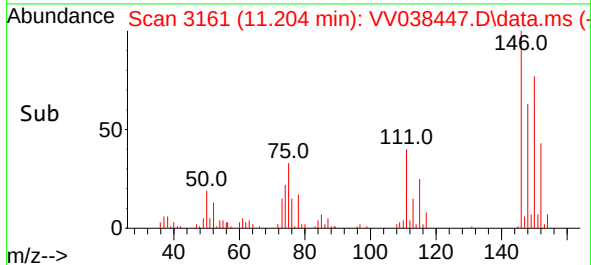
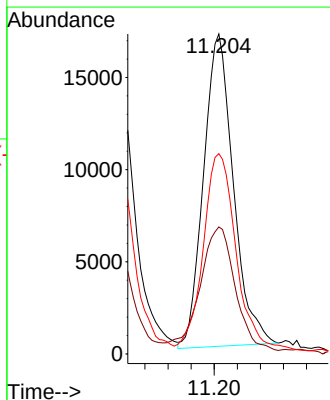
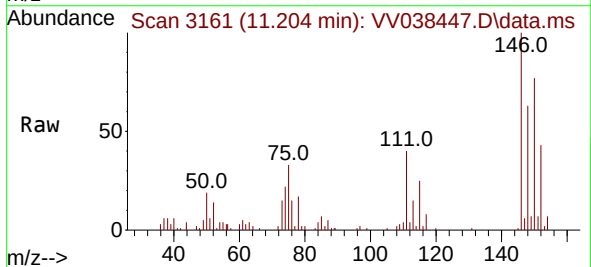
Instrument :
MSVOA_V
ClientSampleId :

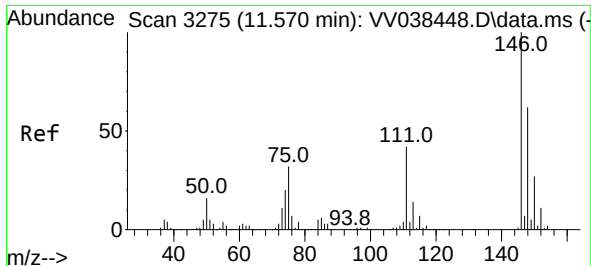
Tgt Ion:	146	Resp:	31161
Ion Ratio	Lower	Upper	
146	100		
111	40.0	27.9	51.9
148	64.5	44.7	83.1



#65
1,4-Dichlorobenzene
Concen: 0.842 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.003 min
Lab File: VV038447.D
Acq: 17 Jan 2025 11:04

Tgt Ion:	146	Resp:	30347
Ion Ratio	Lower	Upper	
146	100		
111	39.7	28.1	52.3
148	62.6	44.7	83.1





#67

1,2-Dichlorobenzene

Concen: 0.931 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

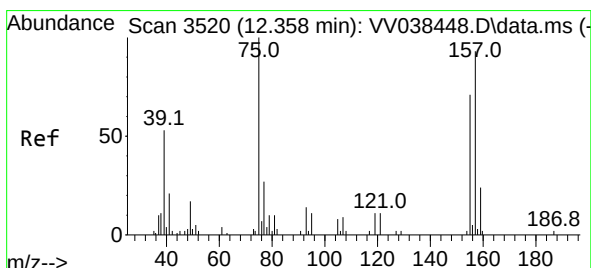
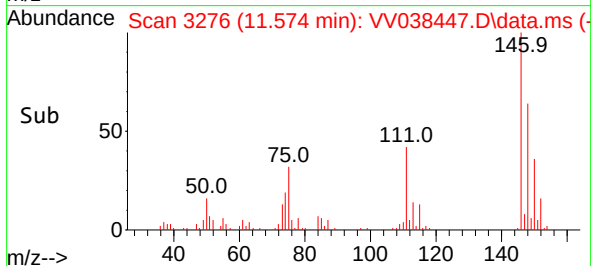
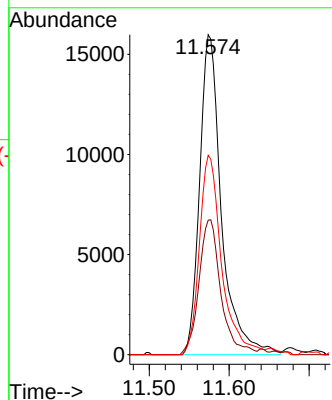
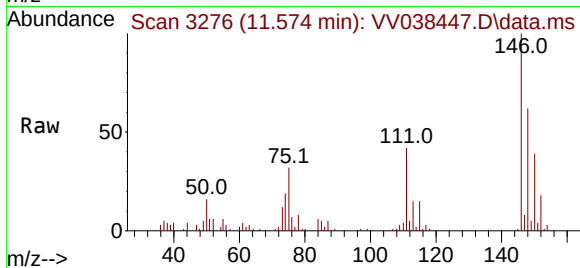
Tgt Ion:146 Resp: 30399

Ion Ratio Lower Upper

146 100

111 42.0 33.4 50.0

148 62.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 0.796 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

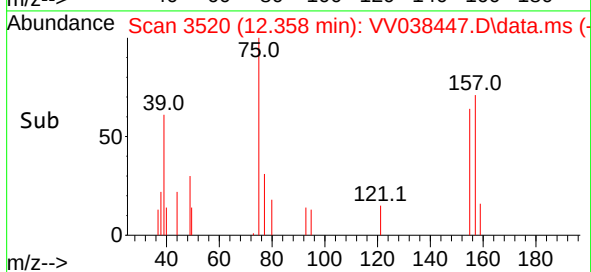
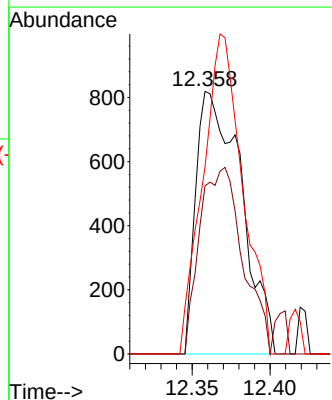
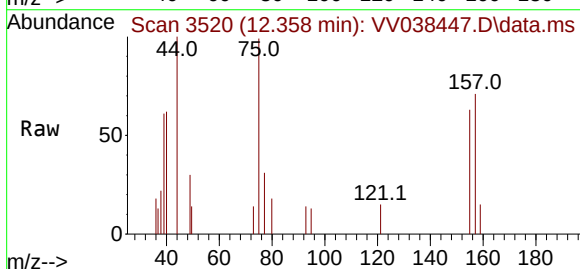
Tgt Ion: 75 Resp: 1651

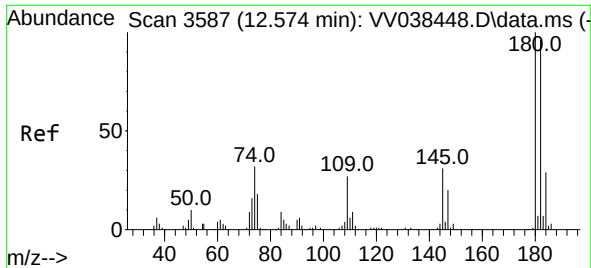
Ion Ratio Lower Upper

75 100

155 64.0 56.7 85.1

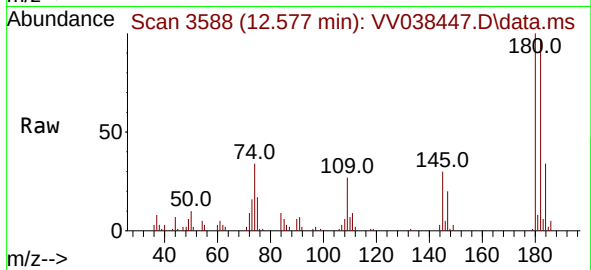
157 71.2 74.4 111.6#



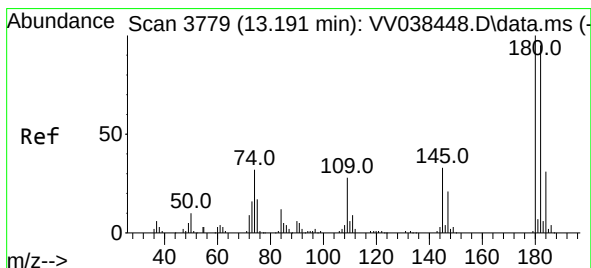
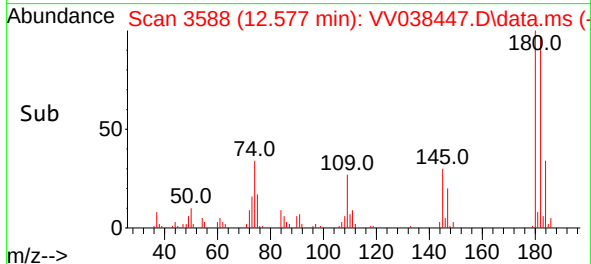
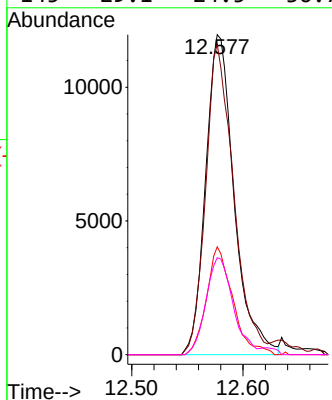


#69
 1,3,5-Trichlorobenzene
 Concen: 0.885 ug/L
 RT: 12.577 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Instrument :
 MSVOA_V
 ClientSampleId :

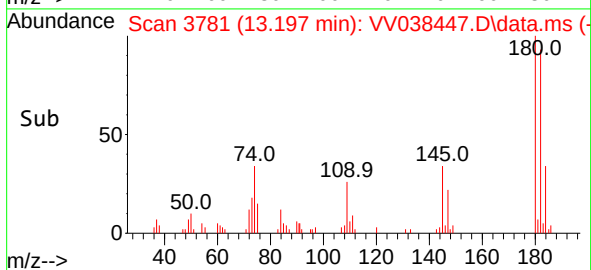
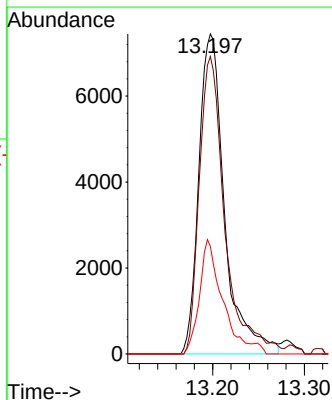
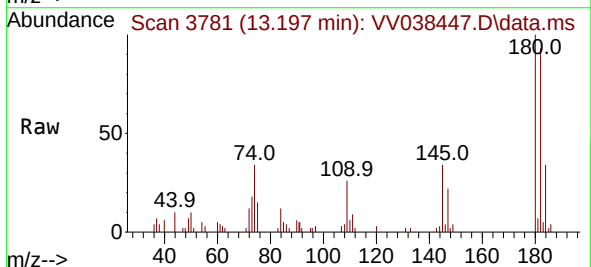


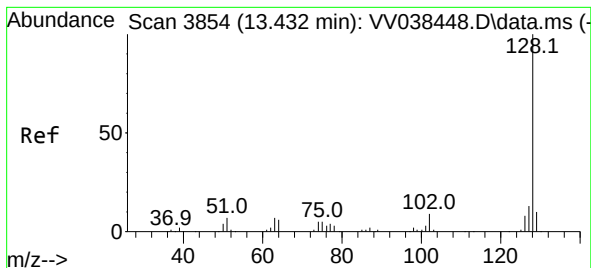
Tgt Ion:180 Resp: 21219
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.3 111.5
 184 31.1 23.2 34.8
 145 29.1 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 0.821 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.006 min
 Lab File: VV038447.D
 Acq: 17 Jan 2025 11:04

Tgt Ion:180 Resp: 14517
 Ion Ratio Lower Upper
 180 100
 182 92.1 77.5 116.3
 145 32.6 26.2 39.4





#71

Naphthalene

Concen: 0.656 ug/L

RT: 13.442 min Scan# 3930

Delta R.T. 0.010 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Instrument :

MSVOA_V

ClientSampleId :

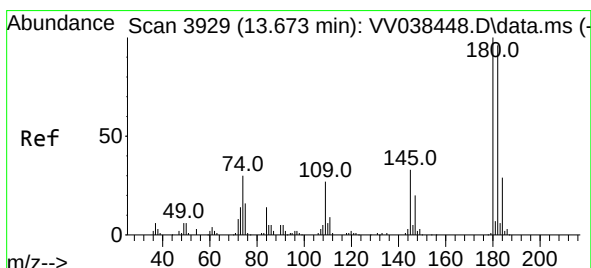
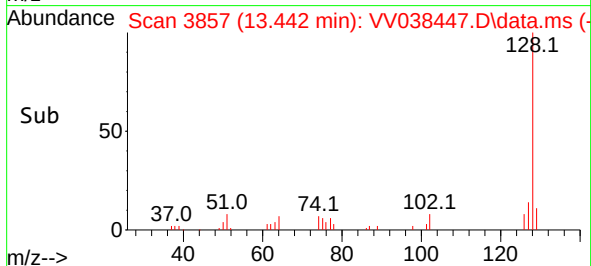
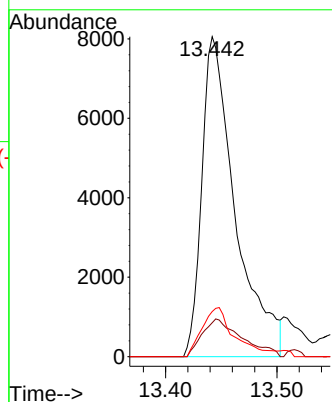
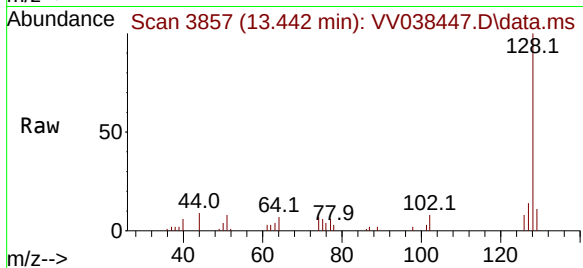
Tgt Ion:128 Resp: 16805

Ion Ratio Lower Upper

128 100

129 13.9 8.3 12.5#

127 15.0 11.0 16.6



#72

1,2,3-Trichlorobenzene

Concen: 0.773 ug/L

RT: 13.676 min Scan# 3930

Delta R.T. 0.003 min

Lab File: VV038447.D

Acq: 17 Jan 2025 11:04

Tgt Ion:180 Resp: 11907

Ion Ratio Lower Upper

180 100

182 96.9 77.0 115.6

145 37.1 27.1 40.7

