

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041625\
 Data File : VX045809.D
 Acq On : 16 Apr 2025 15:44
 Operator : JC/MD
 Sample : Q1803-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-BAY

Quant Time: Apr 17 01:37:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

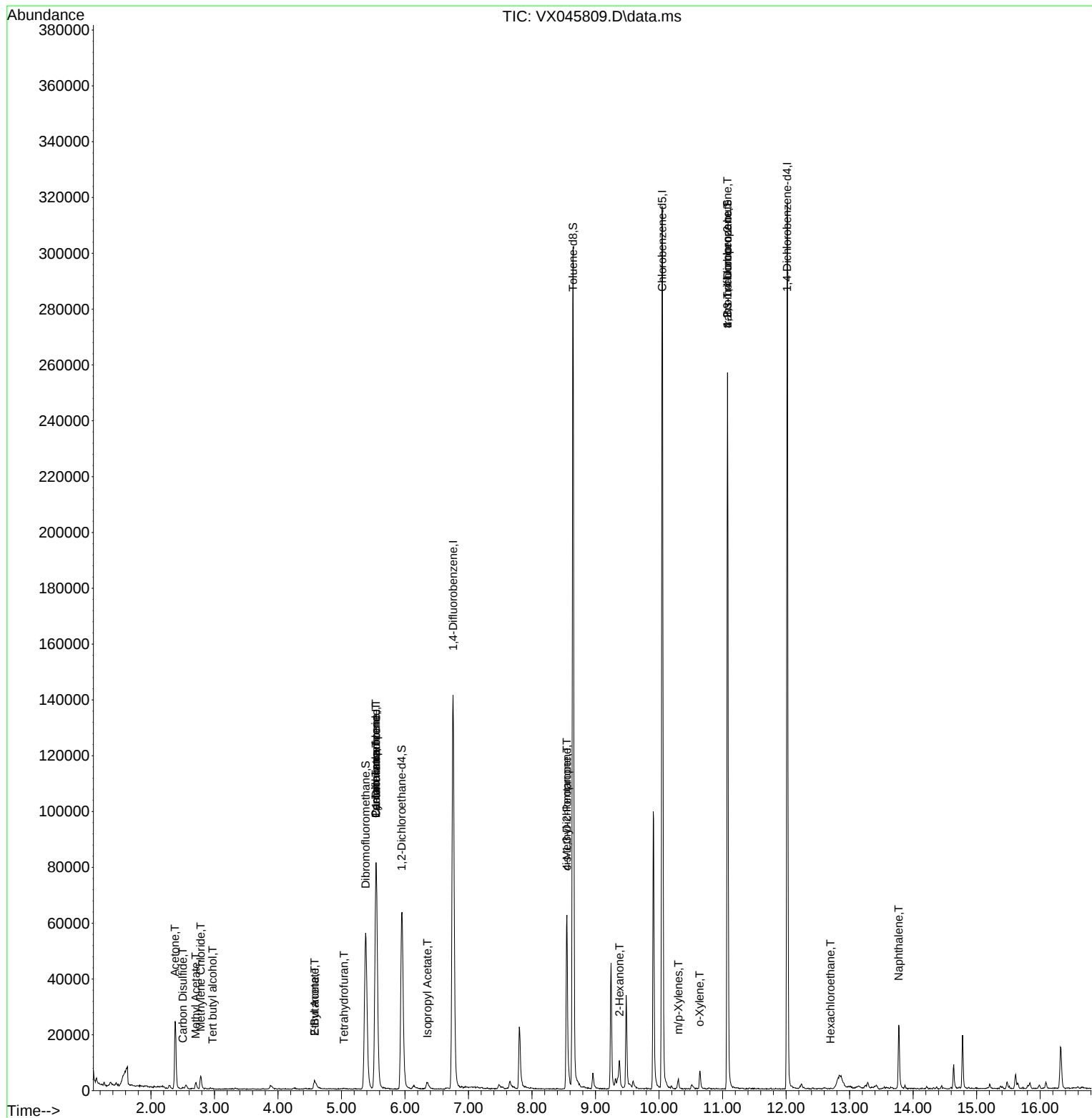
Internal Standards						
1) Pentafluorobenzene	5.544	168	69844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57353	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66920	52.393	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.780%	
35) Dibromofluoromethane	5.379	113	48217	49.997	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.000%	
50) Toluene-d8	8.647	98	172461	51.235	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.079	95	67839	55.329	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	294	1.713	ug/l #	72
16) Acetone	2.380	43	27207	51.874	ug/l	99
17) Carbon Disulfide	2.501	76	559	0.270	ug/l #	76
18) Methyl Acetate	2.703	43	3061	2.535	ug/l	98
20) Methylene Chloride	2.782	84	2106	2.145	ug/l #	92
25) 2-Butanone	4.574	43	7197	9.374	ug/l	97
29) Tetrahydrofuran	5.038	42	278	0.559	ug/l #	35
31) Cyclohexane	5.544	56	2124	1.356	ug/l #	27
36) 1,1-Dichloropropene	5.544	75	6963	5.347	ug/l #	50
37) Ethyl Acetate	4.574	43	7197	4.386	ug/l #	71
38) Carbon Tetrachloride	5.544	117	8307	5.903	ug/l #	17
43) Isopropyl Acetate	6.354	43	4289	1.725	ug/l #	91
51) 4-Methyl-2-Pentanone	8.549	43	25644	15.554	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	9299	6.505	ug/l #	68
59) 2-Hexanone	9.378	43	8131	6.660	ug/l #	28
68) m/p-Xylenes	10.305	106	837	0.459	ug/l	93
69) o-Xylene	10.640	106	1011	0.563	ug/l	80
76) 1,2,3-Trichloropropane	11.079	75	38881	27.792	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	38881	94.324	ug/l #	1
90) Hexachloroethane	12.701	117	173	0.264	ug/l #	19
95) Naphthalene	13.774	128	16611	4.174	ug/l	100

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

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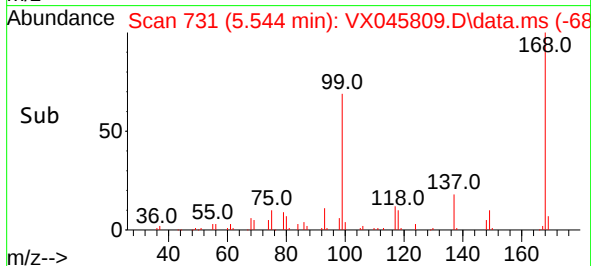
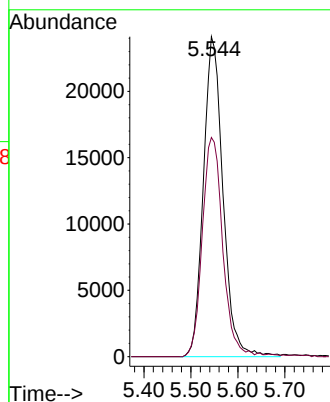
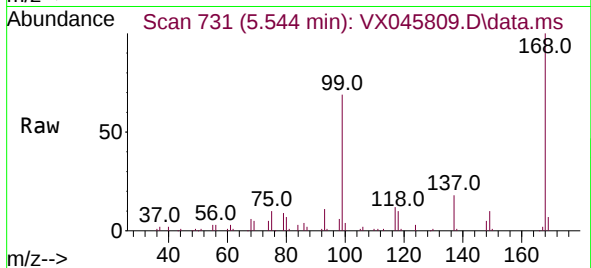




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

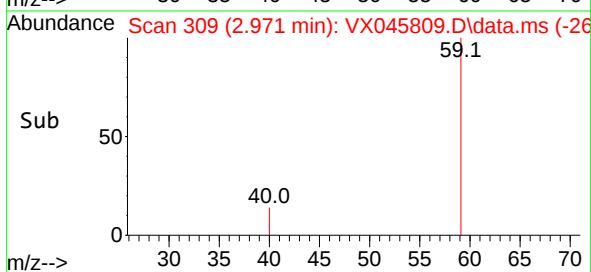
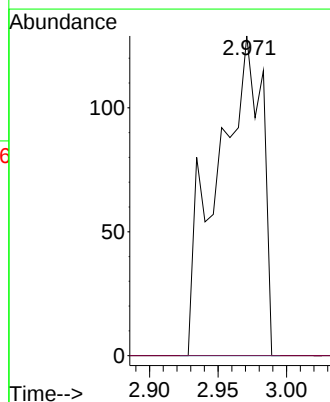
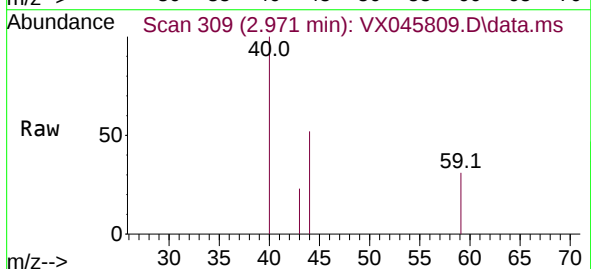
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

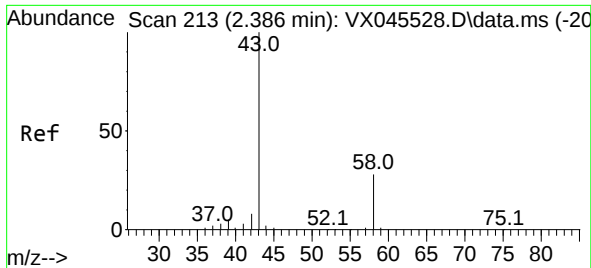
Tgt Ion:168 Resp: 69844
Ion Ratio Lower Upper
168 100
99 68.5 52.3 78.5



#11
Tert butyl alcohol
Concen: 1.713 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

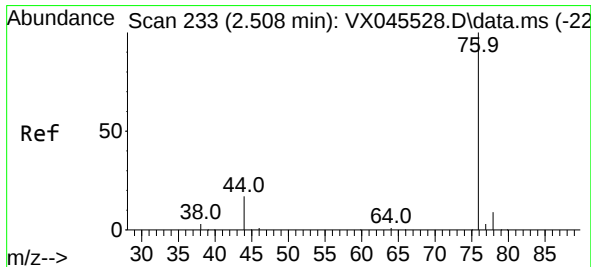
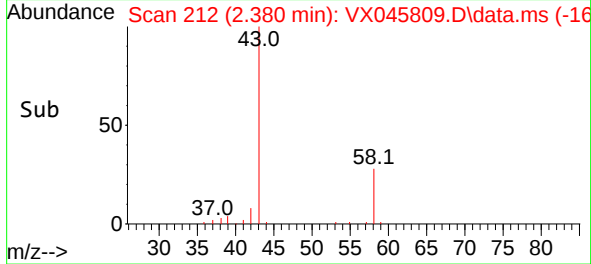
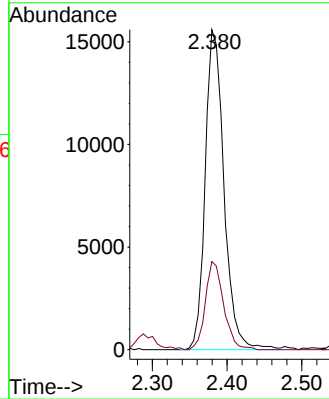
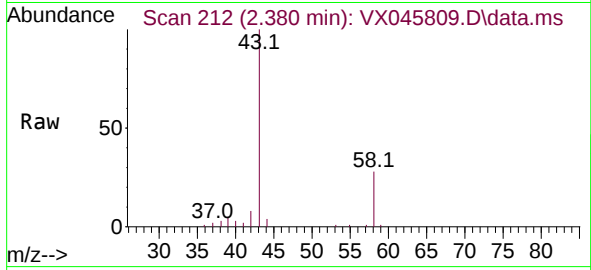




#16
Acetone
Concen: 51.874 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

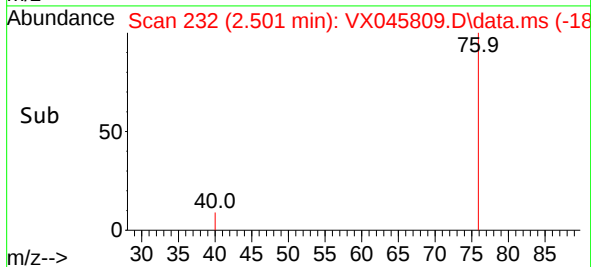
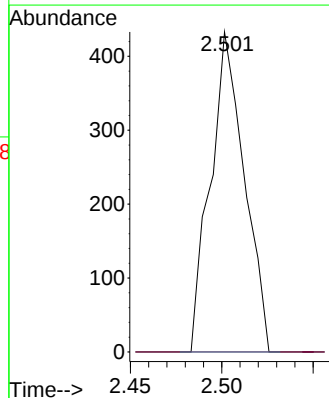
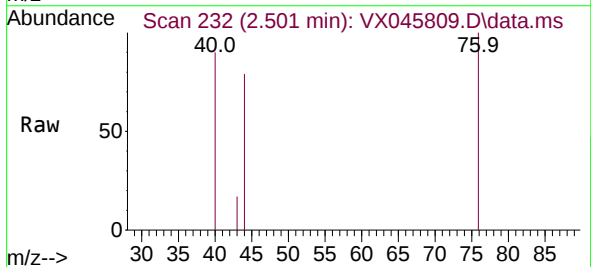
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

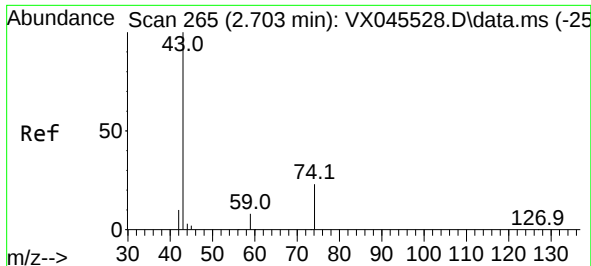
Tgt Ion: 43 Resp: 27207
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5



#17
Carbon Disulfide
Concen: 0.270 ug/l
RT: 2.501 min Scan# 232
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 76 Resp: 559
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#

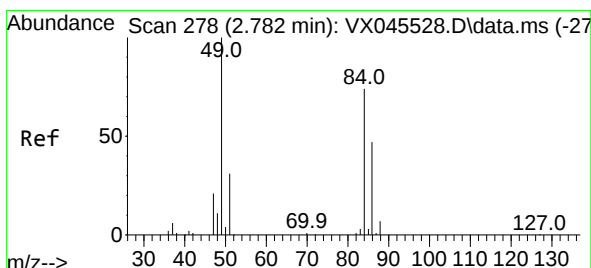
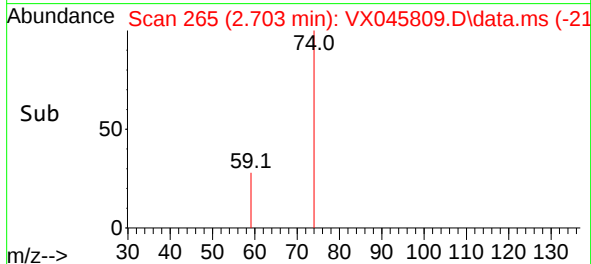
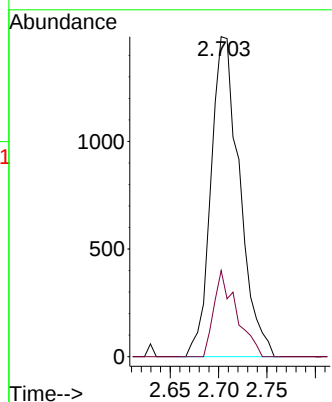
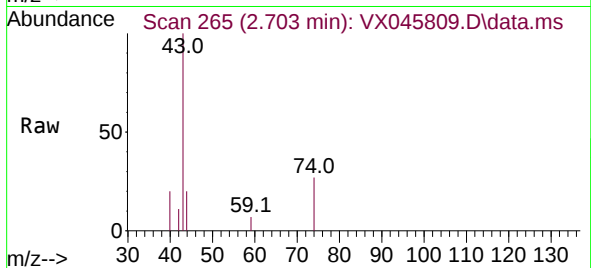




#18
Methyl Acetate
Concen: 2.535 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

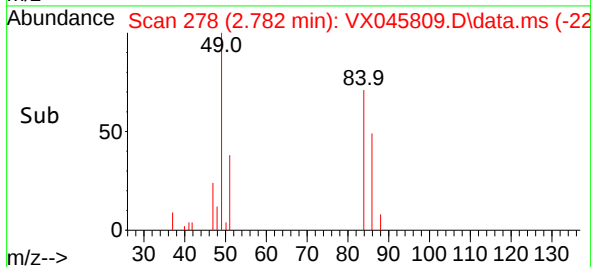
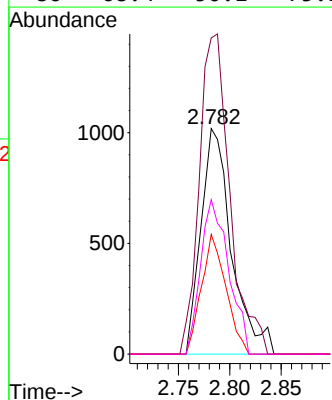
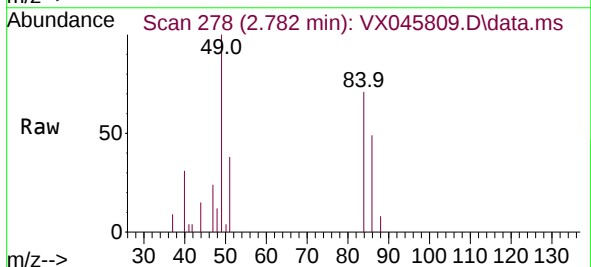
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

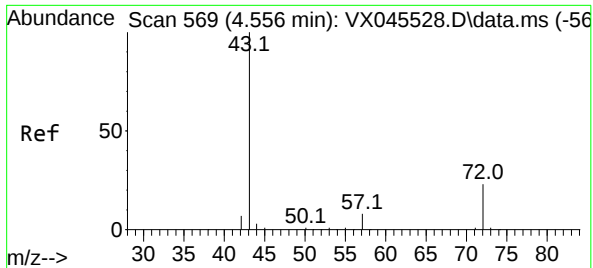
Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
74 21.2 17.5 26.3



#20
Methylene Chloride
Concen: 2.145 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 84 Resp: 2106
Ion Ratio Lower Upper
84 100
49 140.1 107.5 161.3
51 53.0 33.0 49.6#
86 68.4 50.1 75.1

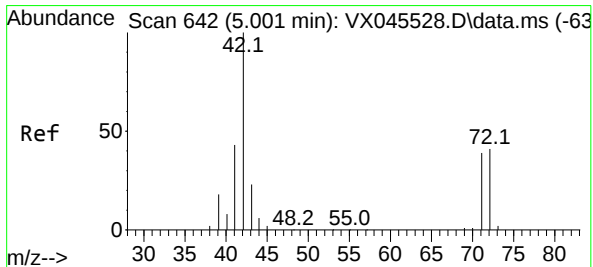
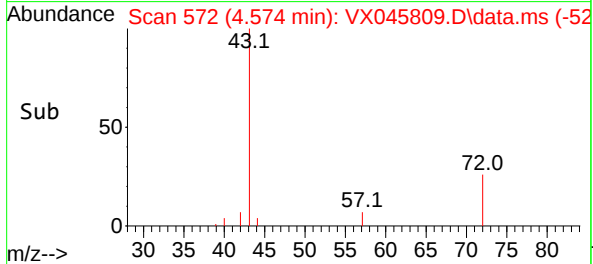
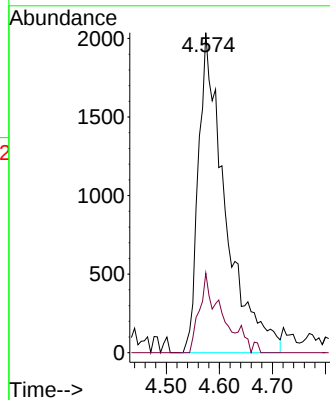
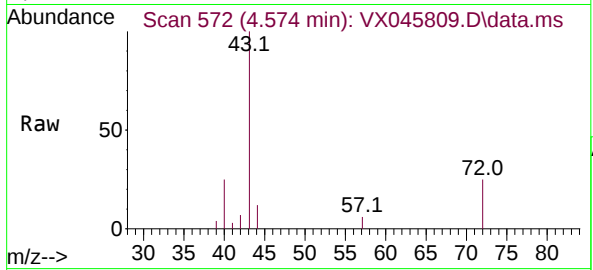




#25
2-Butanone
Concen: 9.374 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

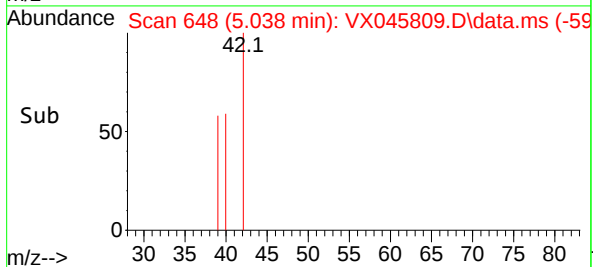
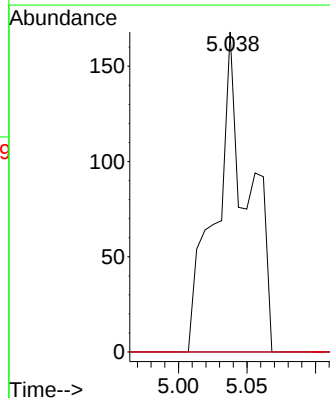
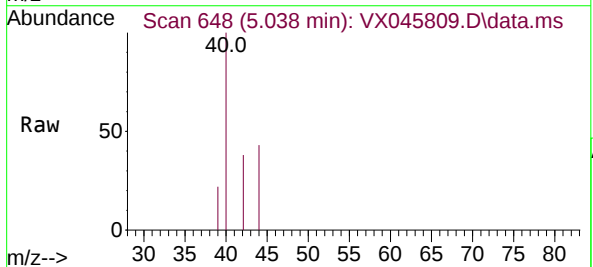
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

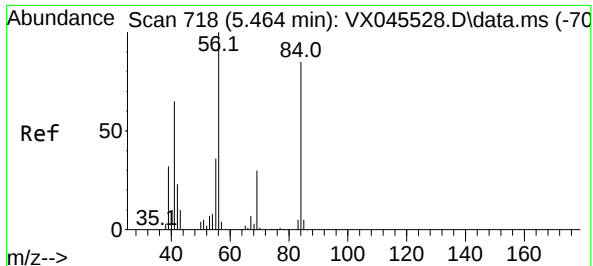
Tgt Ion: 43 Resp: 7197
Ion Ratio Lower Upper
43 100
72 24.9 18.6 28.0



#29
Tetrahydrofuran
Concen: 0.559 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.037 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

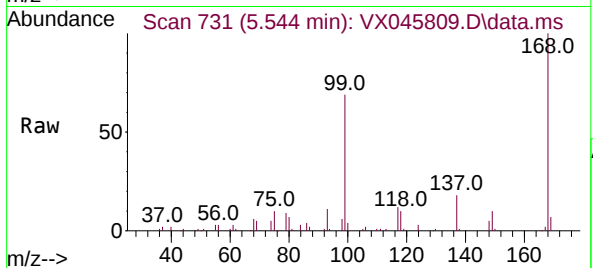
Tgt Ion: 42 Resp: 278
Ion Ratio Lower Upper
42 100
72 0.0 33.4 50.0#
71 0.0 31.4 47.0#



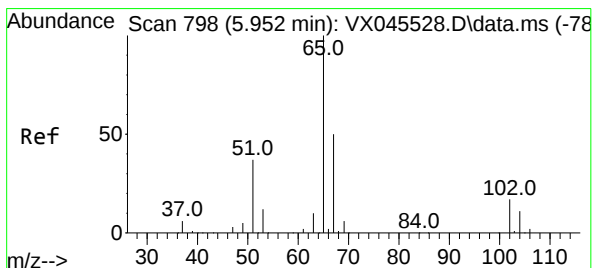
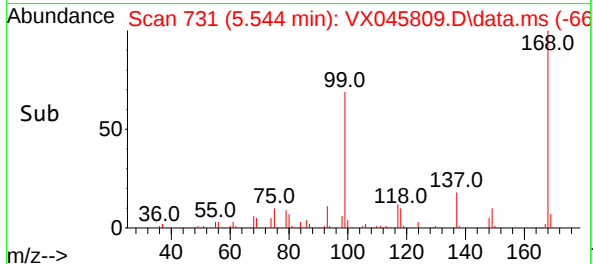
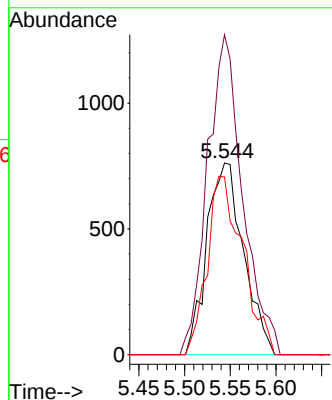


#31
Cyclohexane
Concen: 1.356 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

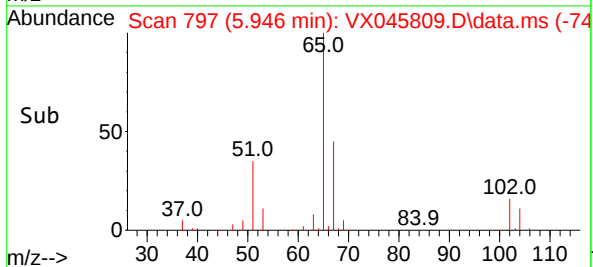
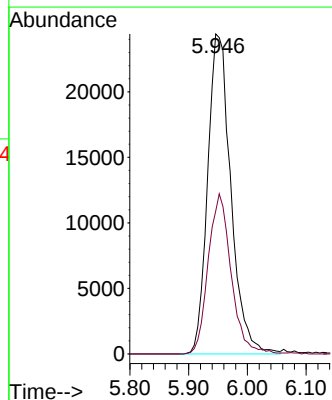
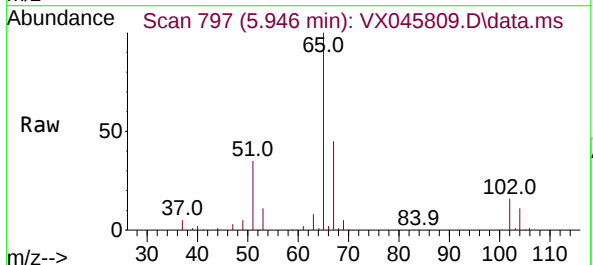


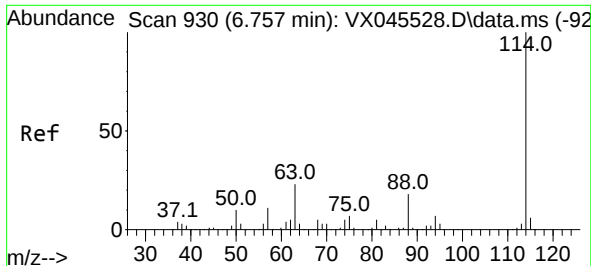
Tgt Ion: 56 Resp: 2124
Ion Ratio Lower Upper
56 100
69 166.9 23.6 35.4#
84 92.7 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 52.393 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 65 Resp: 66920
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.0

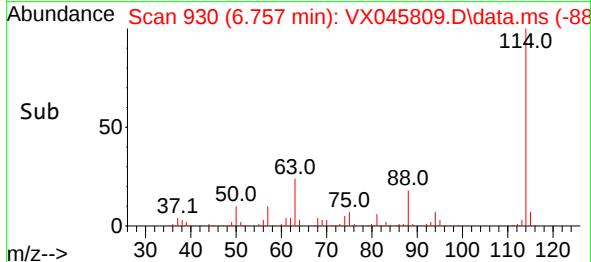
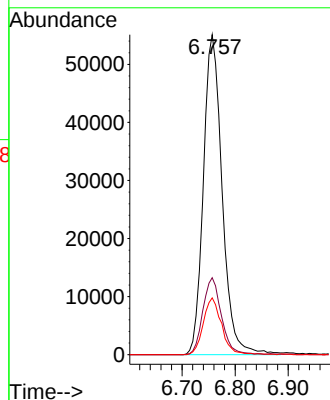
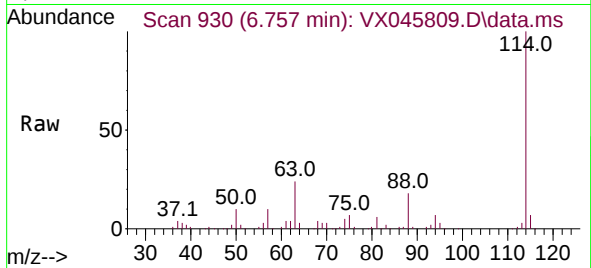




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

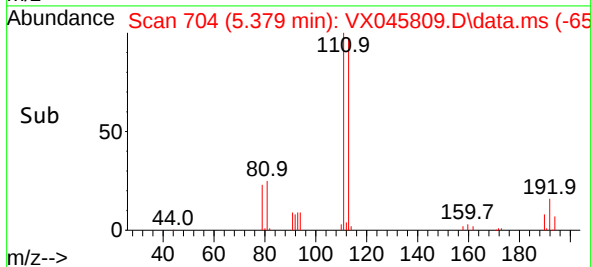
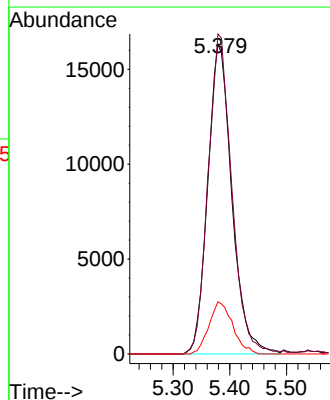
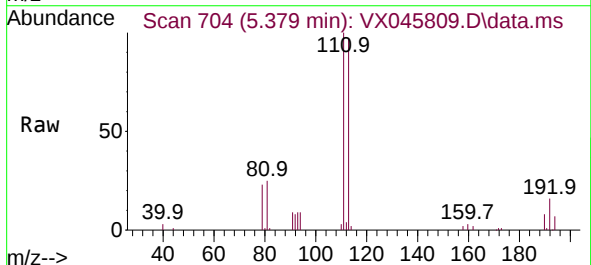
Instrument :
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Tgt Ion:114 Resp: 135925
Ion Ratio Lower Upper
114 100
63 24.0 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 49.997 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion:113 Resp: 48217
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 16.6 13.8 20.6

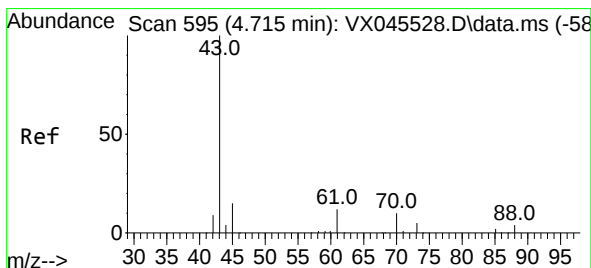
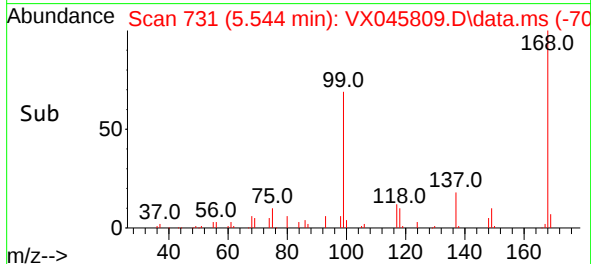
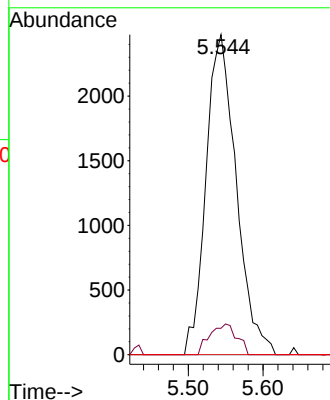
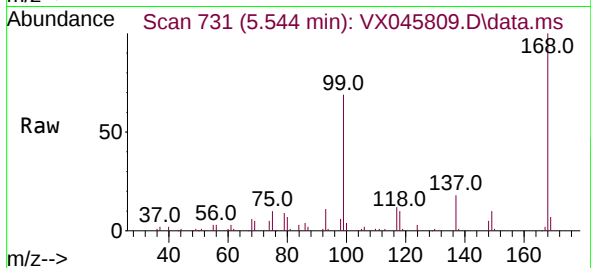




#36
1,1-Dichloropropene
Concen: 5.347 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

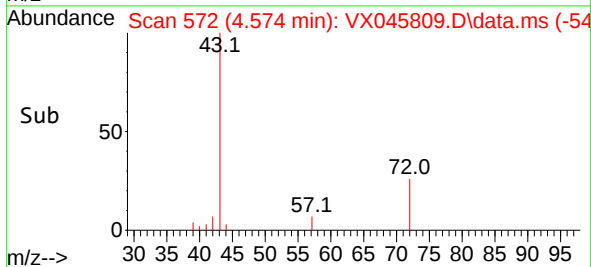
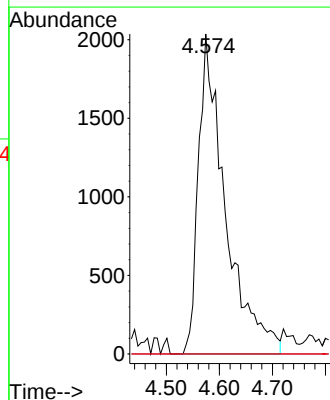
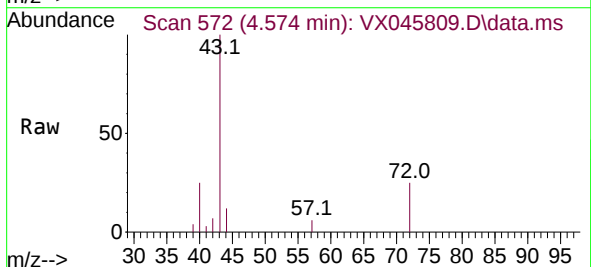
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

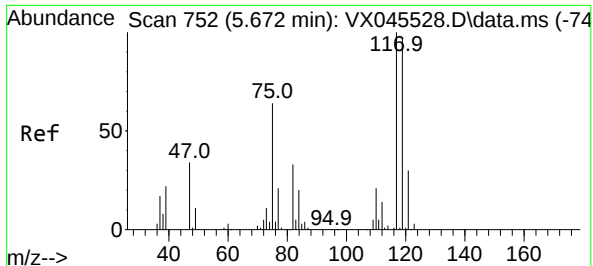
Tgt Ion: 75 Resp: 6963
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.6#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 4.386 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

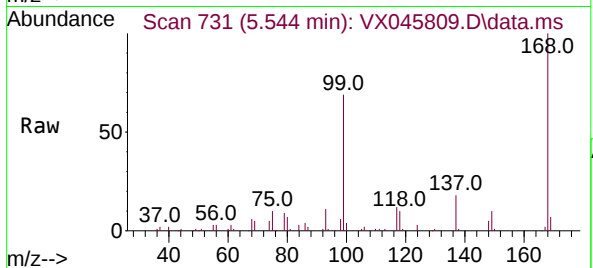
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Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9#
70 0.0 7.5 11.3#



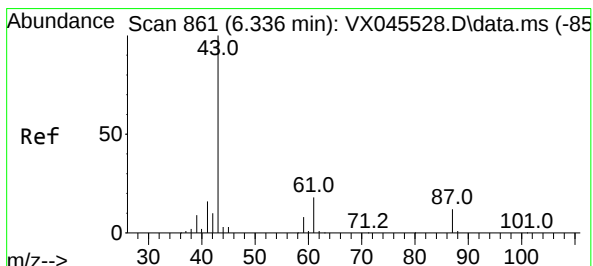
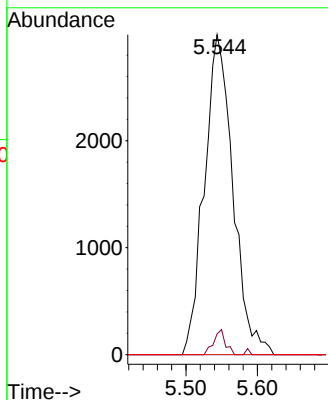
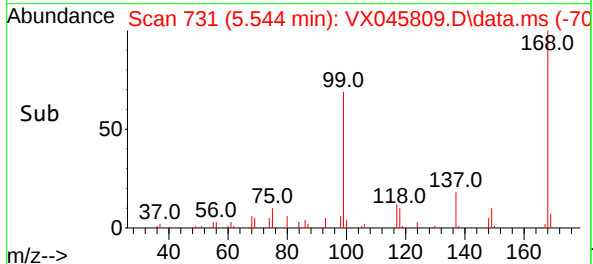


#38
Carbon Tetrachloride
Concen: 5.903 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

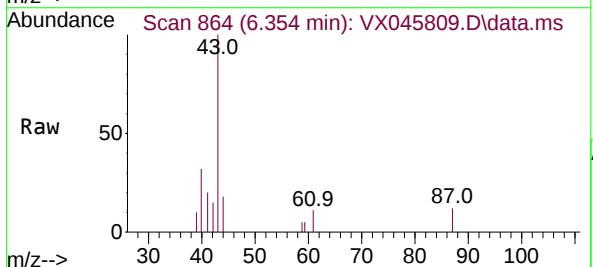
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY



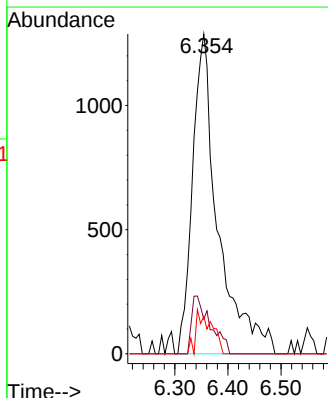
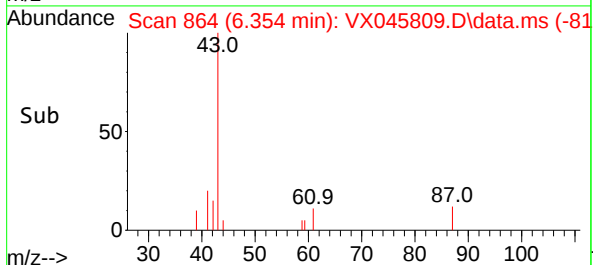
Tgt Ion:117 Resp: 8307
Ion Ratio Lower Upper
117 100
119 6.5 76.9 115.3#
121 0.0 24.2 36.2#

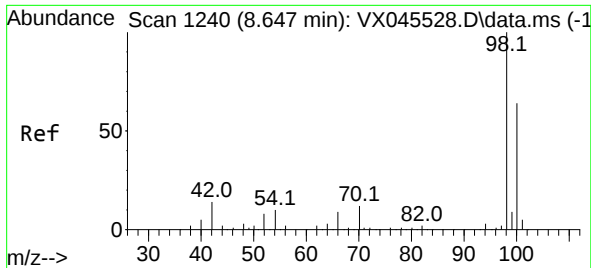


#43
Isopropyl Acetate
Concen: 1.725 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.018 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44



Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
61 13.3 14.1 21.1#
87 8.5 9.2 13.8#

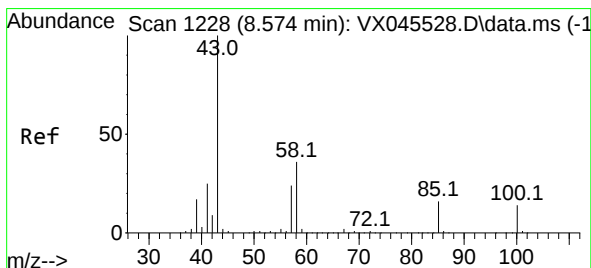
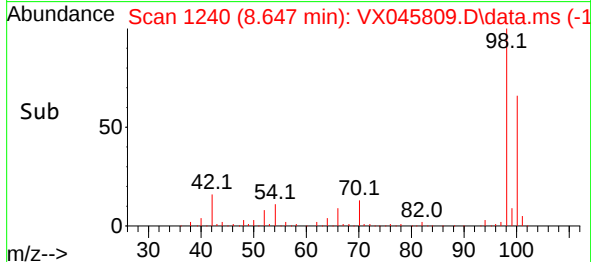
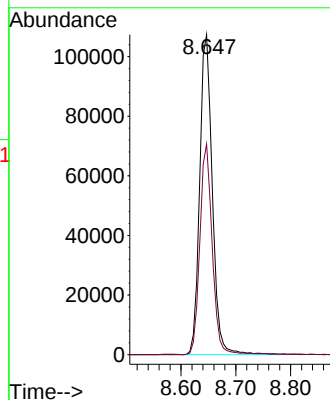
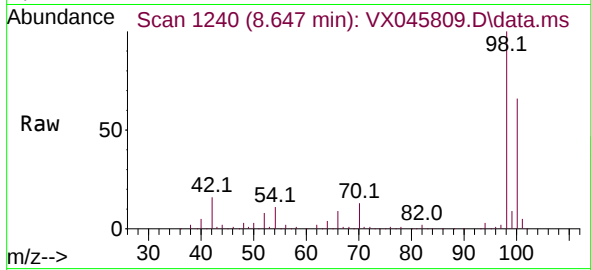




#50
Toluene-d8
Concen: 51.235 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

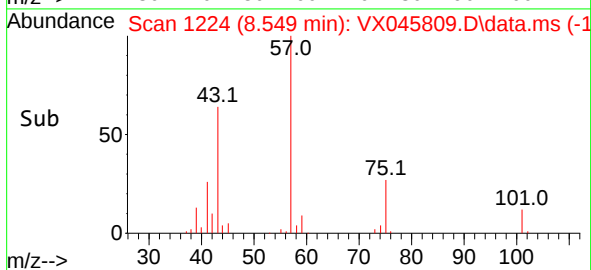
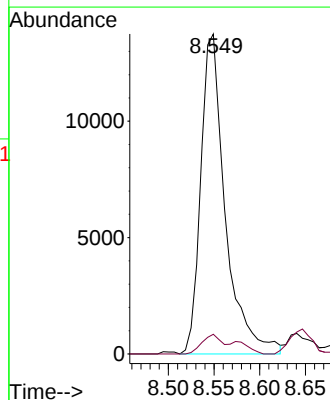
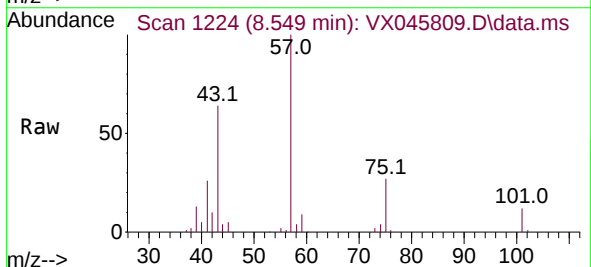
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

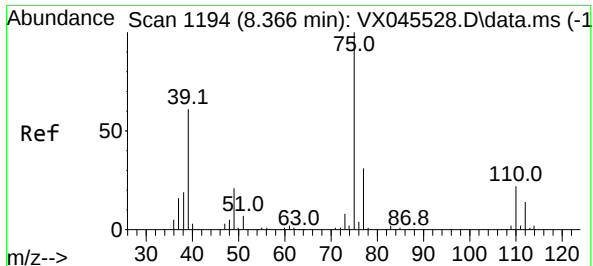
Tgt Ion: 98 Resp: 172461
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 15.554 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 43 Resp: 25644
Ion Ratio Lower Upper
43 100
58 5.4 28.5 42.7#

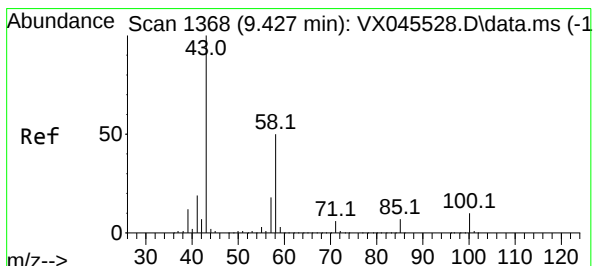
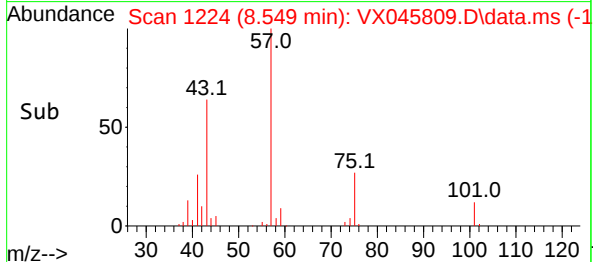
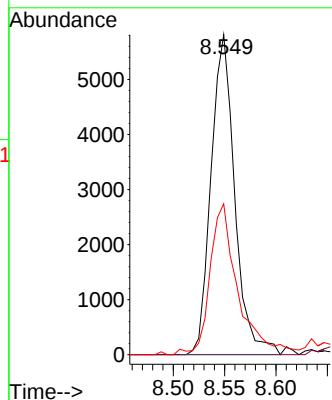
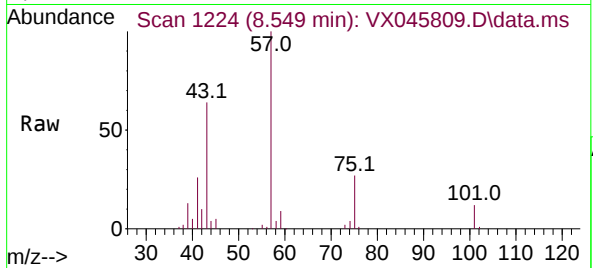




#54
 cis-1,3-Dichloropropene
 Concen: 6.505 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX045809.D
 Acq: 16 Apr 2025 15:44

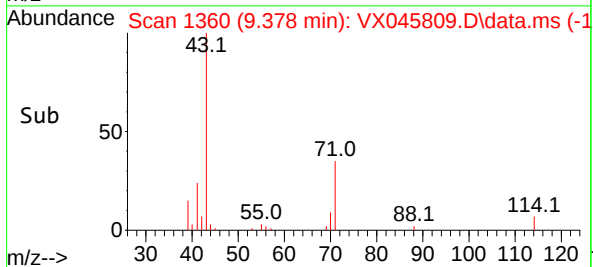
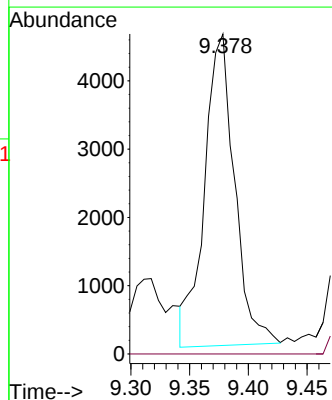
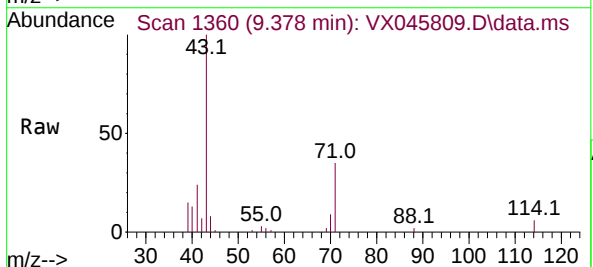
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-BAY

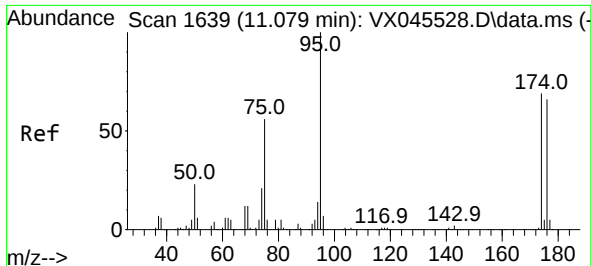
Tgt Ion: 75 Resp: 9299
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.6 36.8#
 39 45.5 48.4 72.6#



#59
 2-Hexanone
 Concen: 6.660 ug/l
 RT: 9.378 min Scan# 1360
 Delta R.T. -0.049 min
 Lab File: VX045809.D
 Acq: 16 Apr 2025 15:44

Tgt Ion: 43 Resp: 8131
 Ion Ratio Lower Upper
 43 100
 58 0.0 24.9 74.6#





#62

4-Bromofluorobenzene

Concen: 55.329 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

WEST-BAY

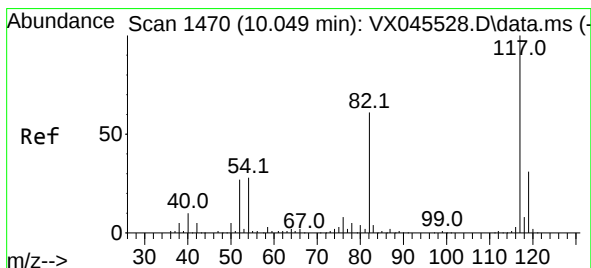
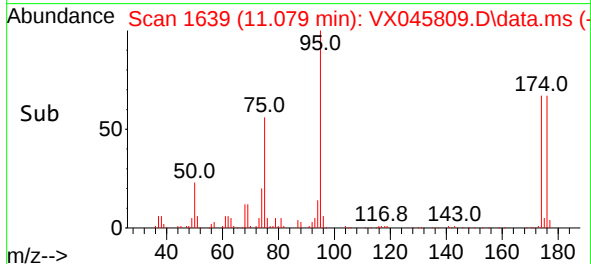
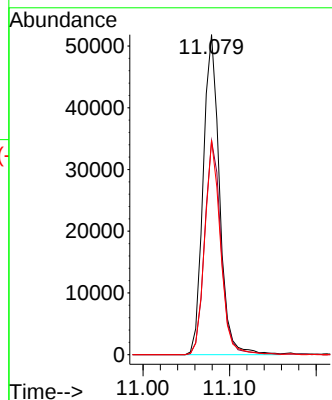
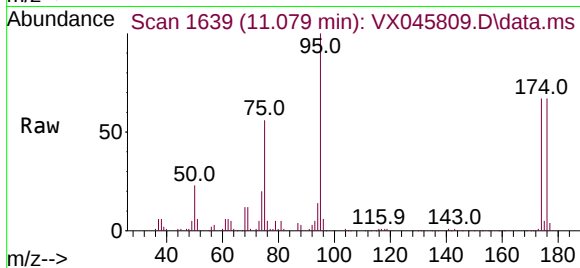
Tgt Ion: 95 Resp: 67839

Ion Ratio Lower Upper

95 100

174 67.1 0.0 135.8

176 64.9 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX045809.D

Acq: 16 Apr 2025 15:44

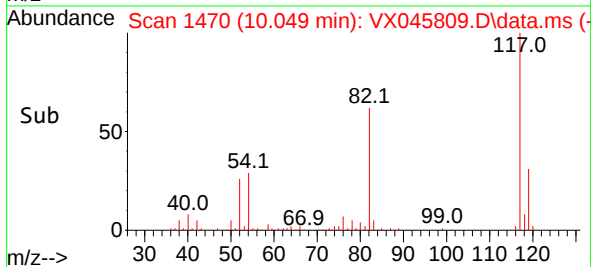
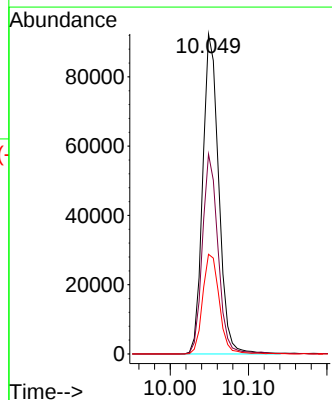
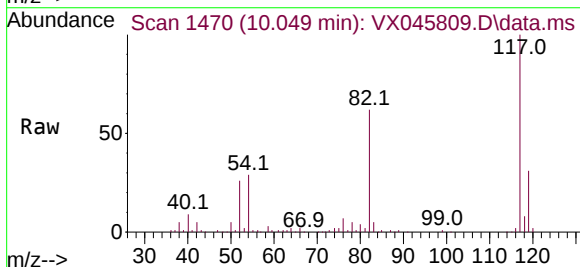
Tgt Ion: 117 Resp: 130866

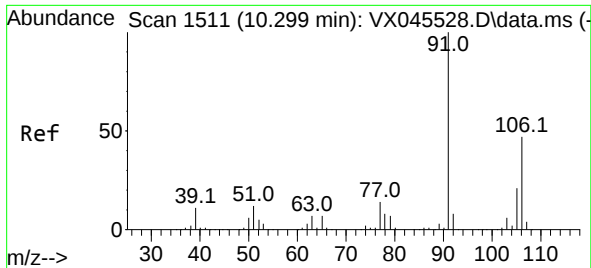
Ion Ratio Lower Upper

117 100

82 62.4 49.2 73.8

119 31.2 25.1 37.7

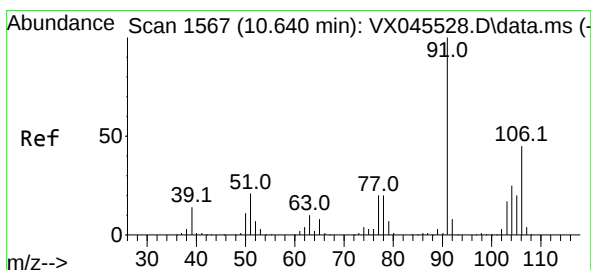
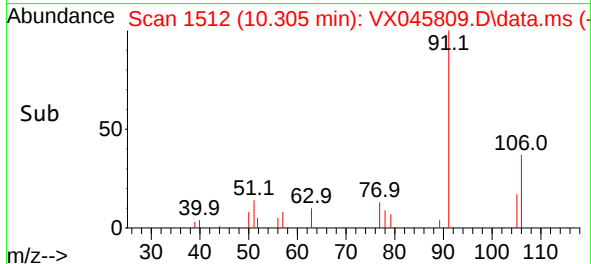
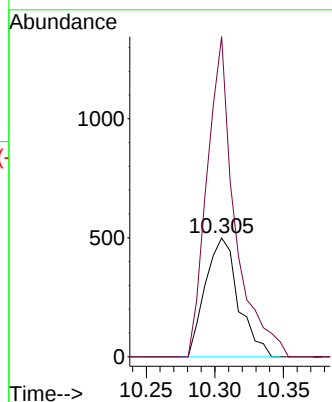
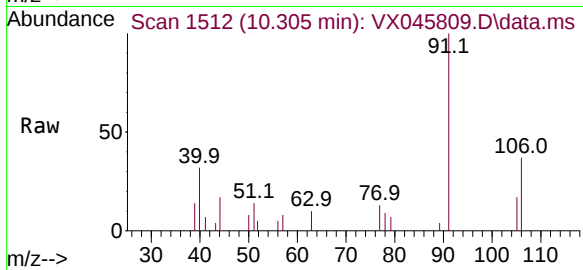




#68
m/p-Xylenes
Concen: 0.459 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

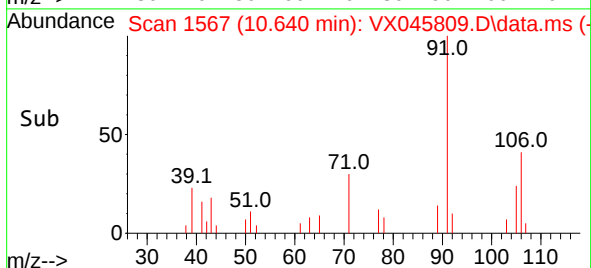
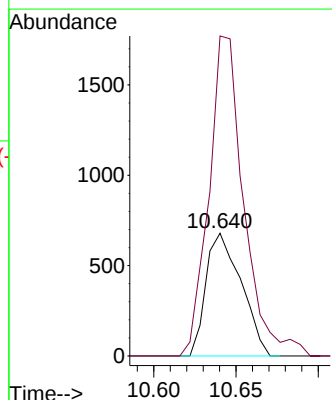
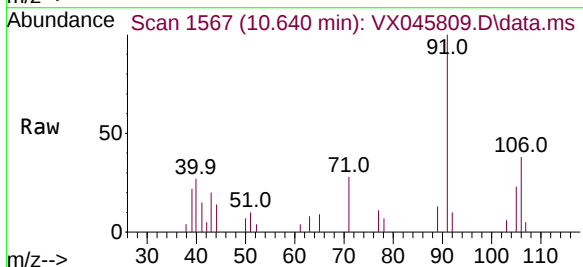
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

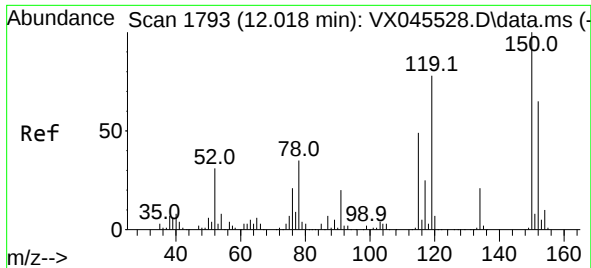
Tgt Ion:106 Resp: 837
Ion Ratio Lower Upper
106 100
91 227.2 172.6 258.8



#69
o-Xylene
Concen: 0.563 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion:106 Resp: 1011
Ion Ratio Lower Upper
106 100
91 259.3 113.6 340.6

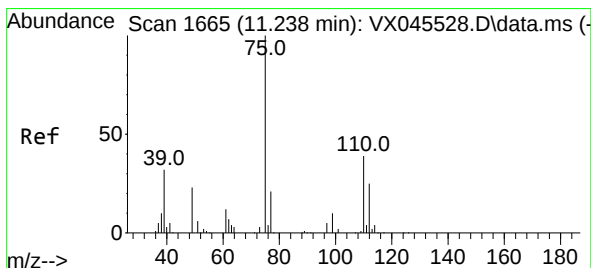
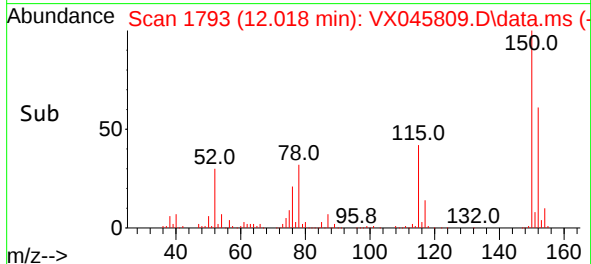
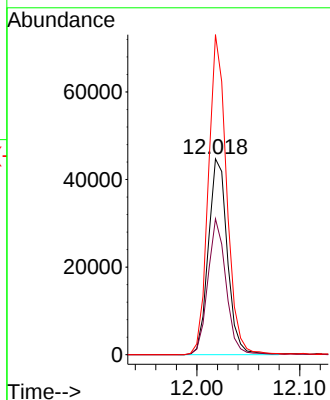
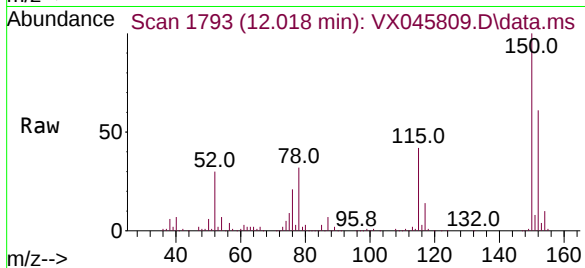




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045809.D
 Acq: 16 Apr 2025 15:44

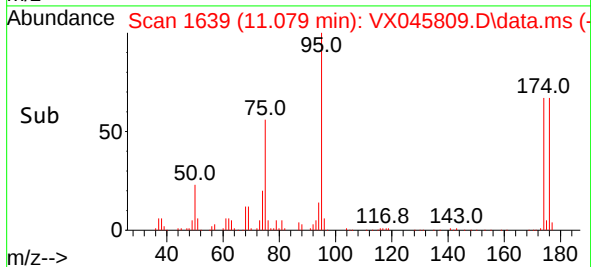
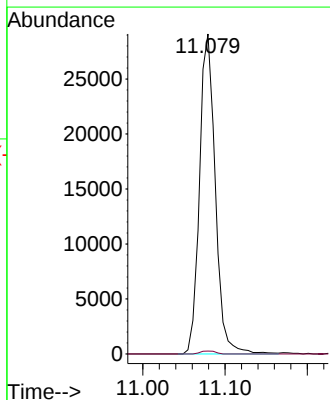
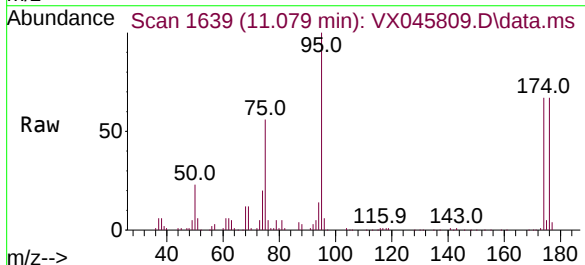
Instrument :
 MSVOA_X
 ClientSampleId :
 WEST-BAY

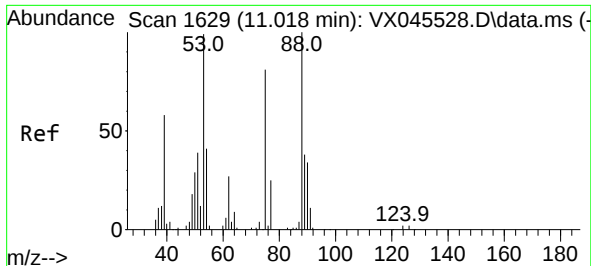
Tgt Ion:152 Resp: 57353
 Ion Ratio Lower Upper
 152 100
 115 66.4 46.9 140.7
 150 157.1 0.0 349.4



#76
 1,2,3-Trichloropropane
 Concen: 27.792 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045809.D
 Acq: 16 Apr 2025 15:44

Tgt Ion: 75 Resp: 38881
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.0 59.9#

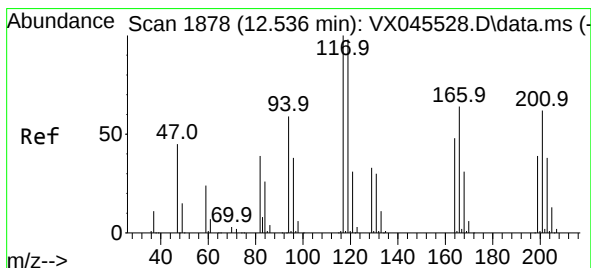
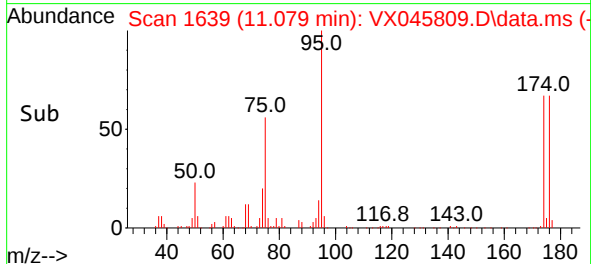
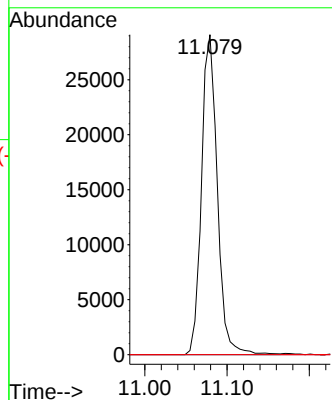
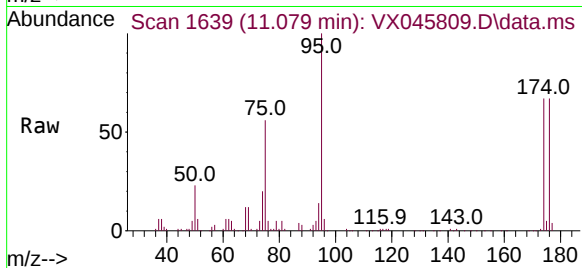




#81
trans-1,4-Dichloro-2-butene
Concen: 94.324 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

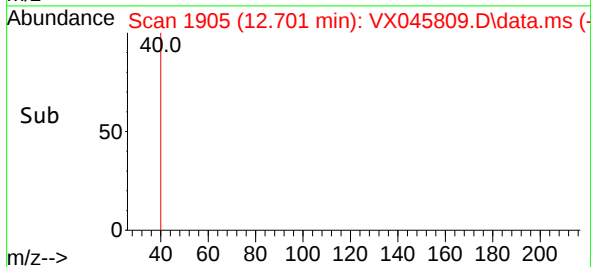
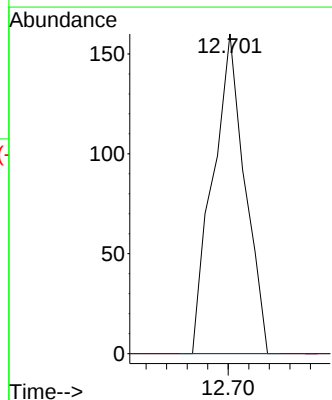
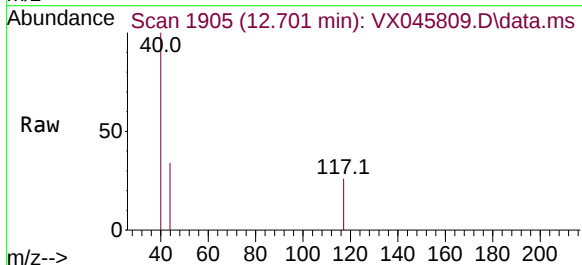
Instrument :
MSVOA_X
ClientSampleId :
WEST-BAY

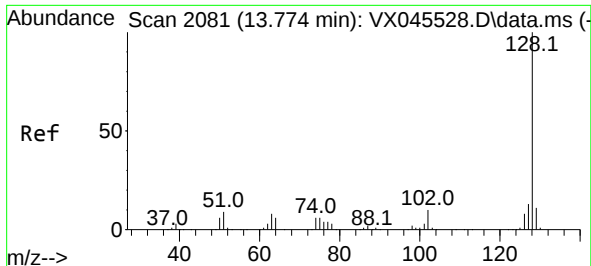
Tgt Ion: 75 Resp: 38881
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 37.2 55.8#



#90
Hexachloroethane
Concen: 0.264 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.165 min
Lab File: VX045809.D
Acq: 16 Apr 2025 15:44

Tgt Ion: 117 Resp: 173
Ion Ratio Lower Upper
117 100
201 0.0 31.2 93.6#





#95

Naphthalene

Concen: 4.174 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045809.D

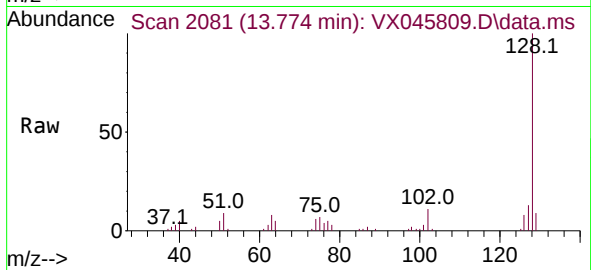
Acq: 16 Apr 2025 15:44

Instrument :

MSVOA_X

ClientSampleId :

WEST-BAY



Tgt Ion:128 Resp: 16611

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.6 8.6 12.8

