

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045866.D
 Acq On : 21 Apr 2025 09:20
 Operator : JC/MD
 Sample : VX0421MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL01

Quant Time: Apr 22 01:22:54 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)

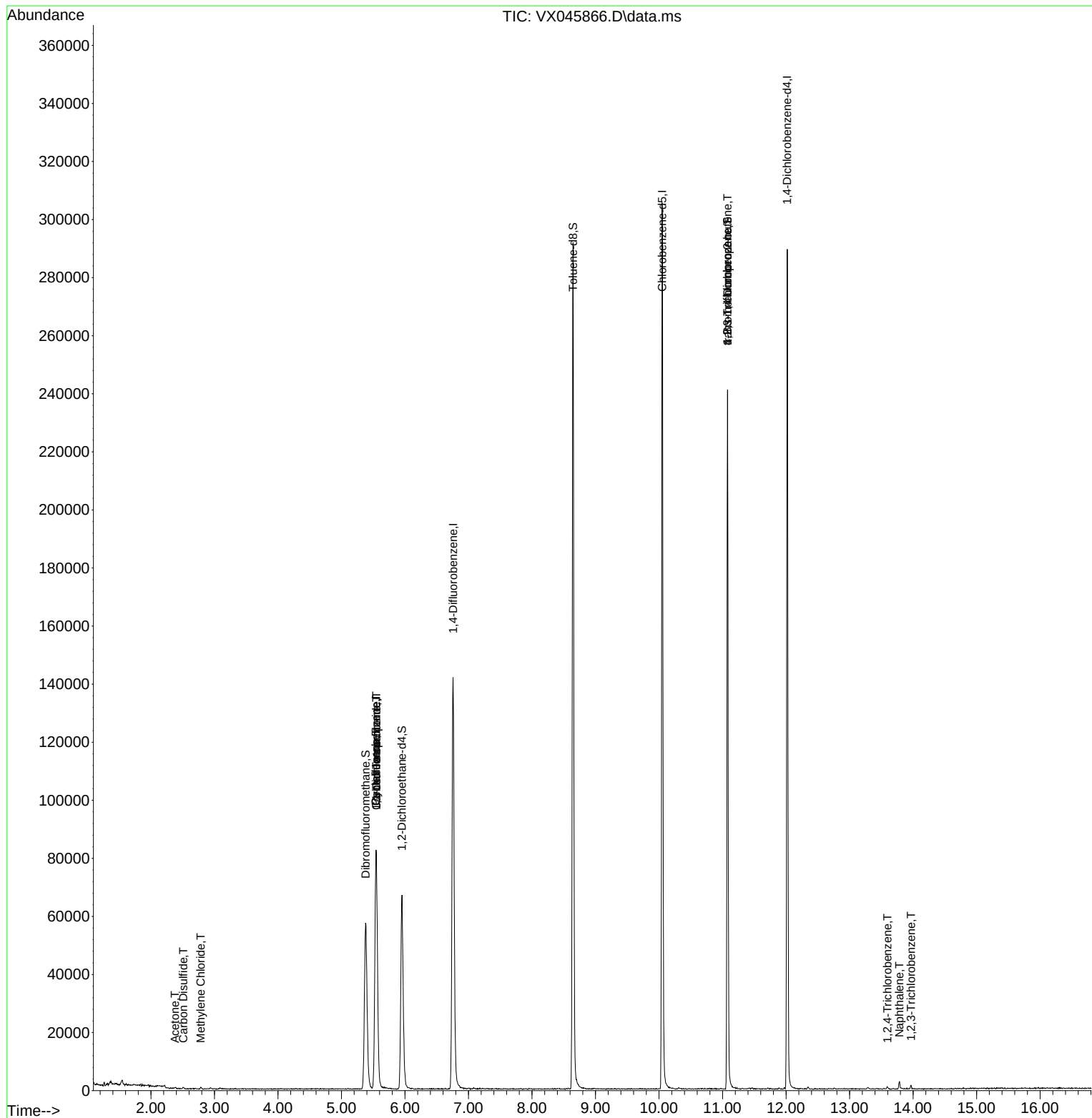
Internal Standards						
1) Pentafluorobenzene	5.544	168	70304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66110	51.420	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.840%	
35) Dibromofluoromethane	5.379	113	48667	50.587	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.180%	
50) Toluene-d8	8.647	98	167684	49.937	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	11.079	95	62525	51.119	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.240%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	422	0.799	ug/l #	47
17) Carbon Disulfide	2.508	76	640	0.307	ug/l #	85
20) Methylene Chloride	2.782	84	208	0.210	ug/l #	74
31) Cyclohexane	5.544	56	2240	1.420	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	7061	5.436	ug/l #	50
38) Carbon Tetrachloride	5.550	117	8412	5.992	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37035	28.698	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	37035	97.398	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.597	180	345	0.350	ug/l #	72
95) Naphthalene	13.786	128	2445	0.666	ug/l #	89
96) 1,2,3-Trichlorobenzene	13.969	180	391	0.379	ug/l	89

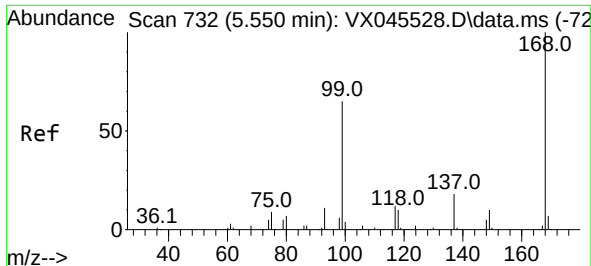
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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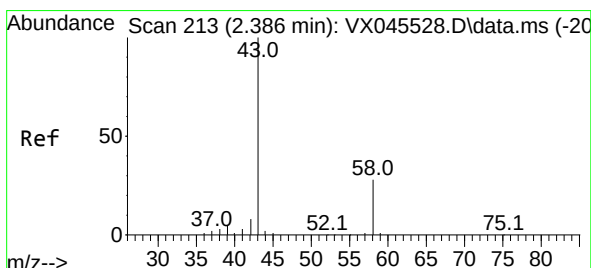
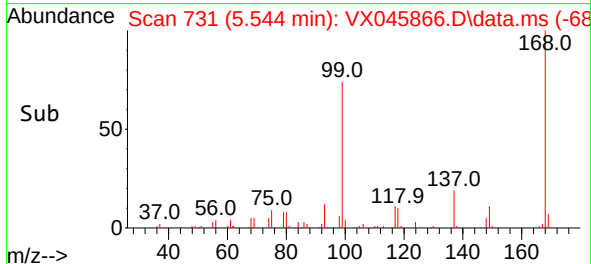
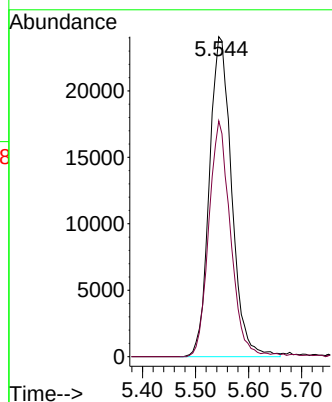
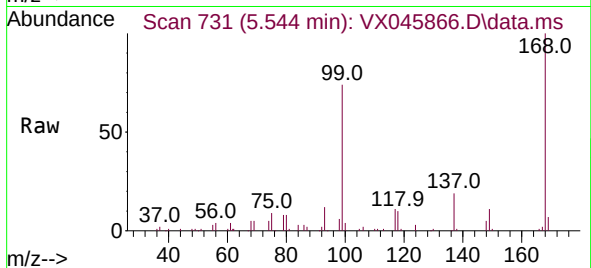




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

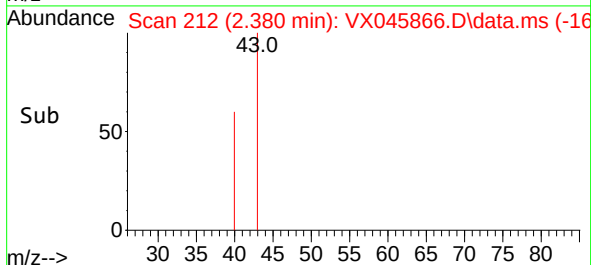
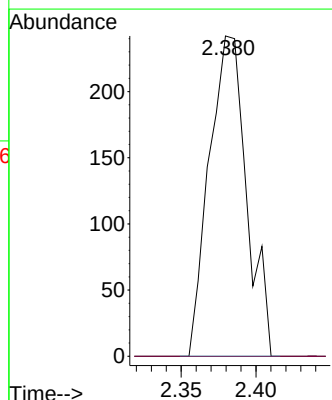
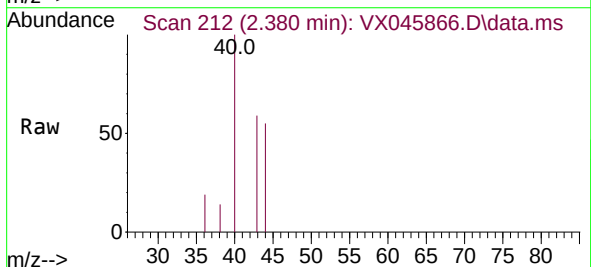
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

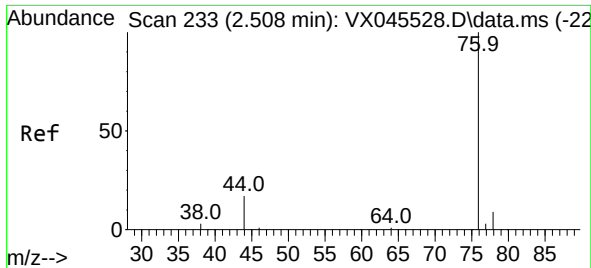
Tgt Ion:168 Resp: 70304
Ion Ratio Lower Upper
168 100
99 73.7 52.3 78.5



#16
Acetone
Concen: 0.799 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#





#17

Carbon Disulfide

Concen: 0.307 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045866.D

Acq: 21 Apr 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

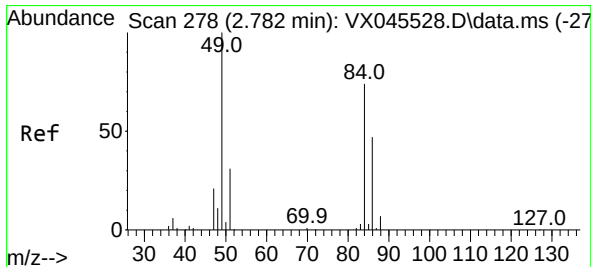
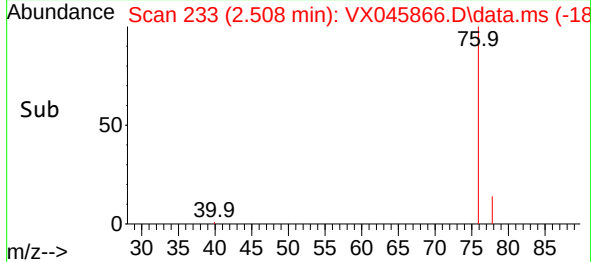
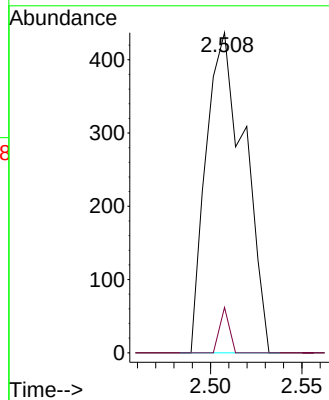
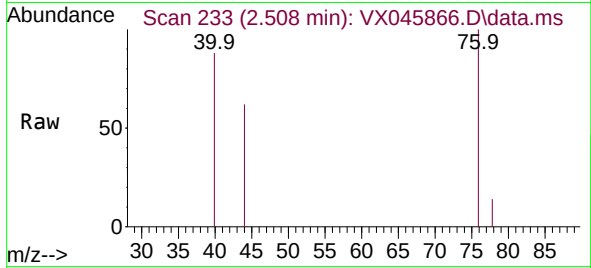
VX0421MBL01

Tgt Ion: 76 Resp: 640

Ion Ratio Lower Upper

76 100

78 14.2 7.0 10.6#



#20

Methylene Chloride

Concen: 0.210 ug/l

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX045866.D

Acq: 21 Apr 2025 09:20

Tgt Ion: 84 Resp: 208

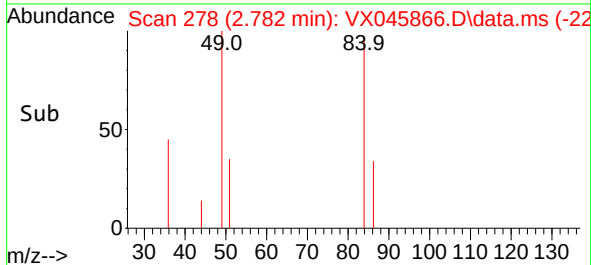
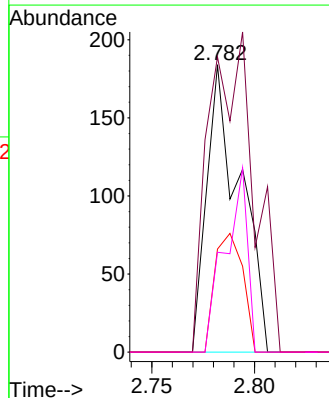
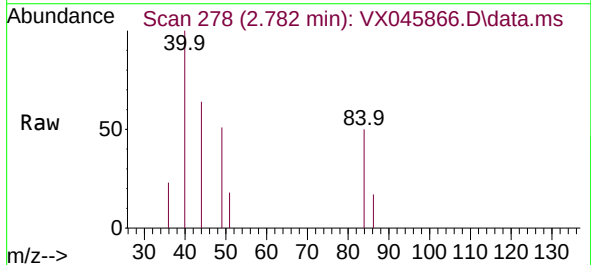
Ion Ratio Lower Upper

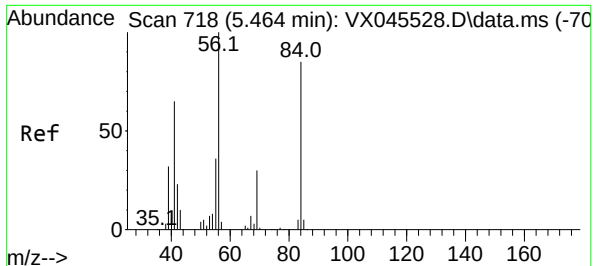
84 100

49 102.7 107.5 161.3#

51 35.9 33.0 49.6

86 34.8 50.1 75.1#

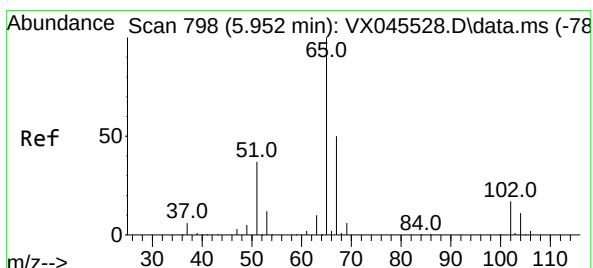
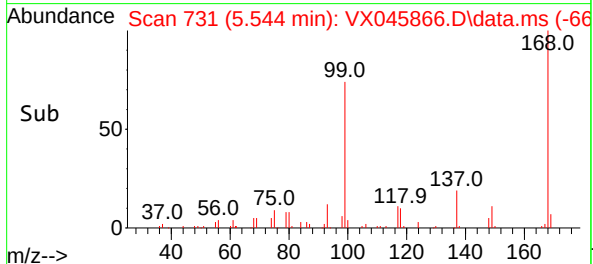
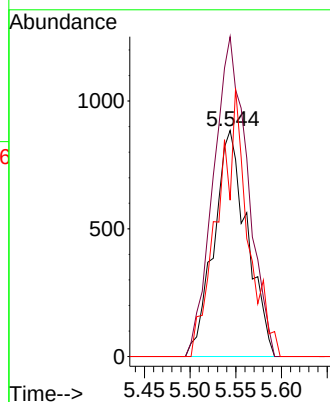
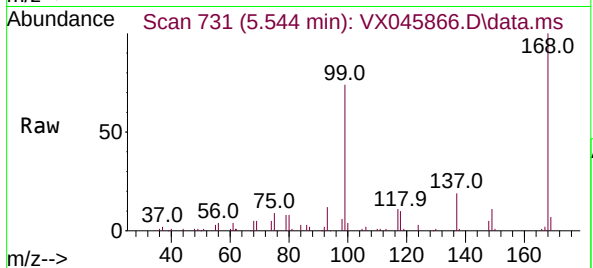




#31
Cyclohexane
Concen: 1.420 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

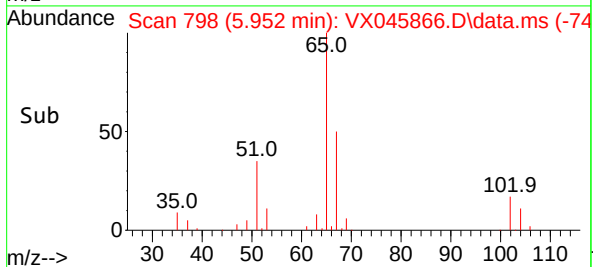
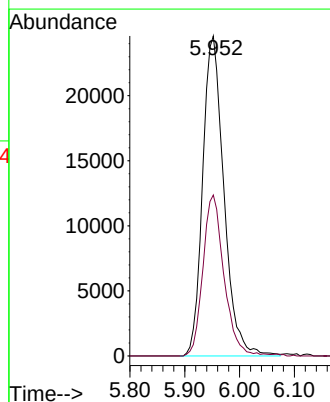
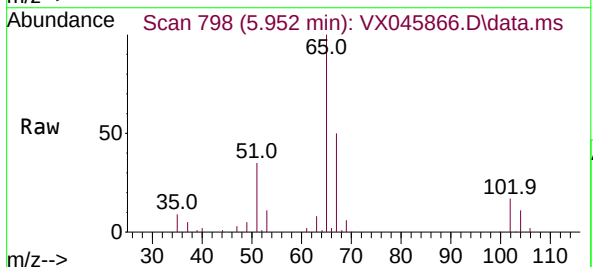
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

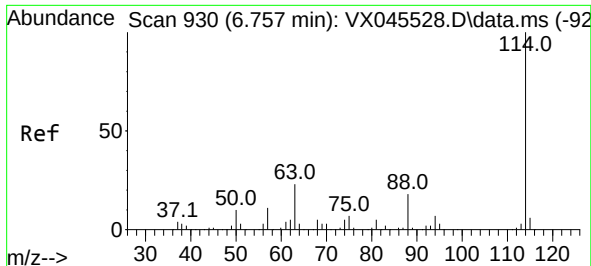
Tgt Ion: 56 Resp: 2240
Ion Ratio Lower Upper
56 100
69 141.5 23.6 35.4#
84 69.2 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 51.420 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

Tgt Ion: 65 Resp: 66110
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

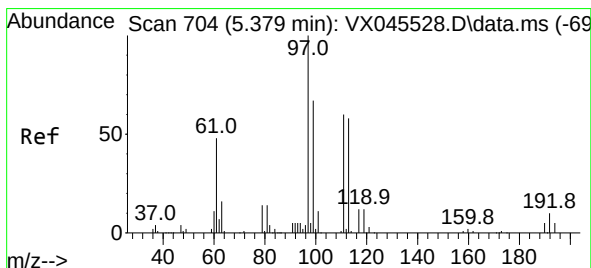
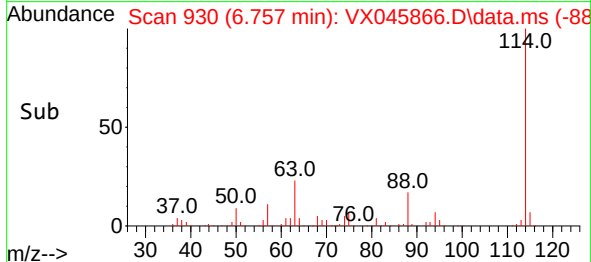
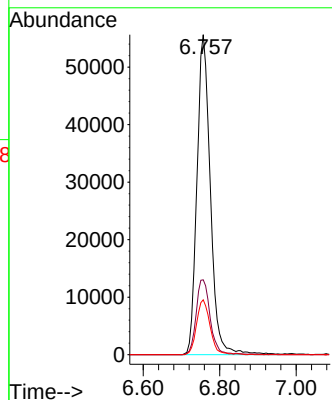
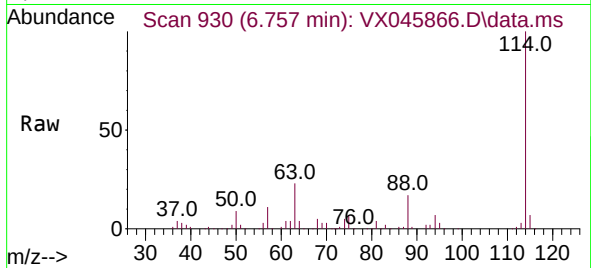




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

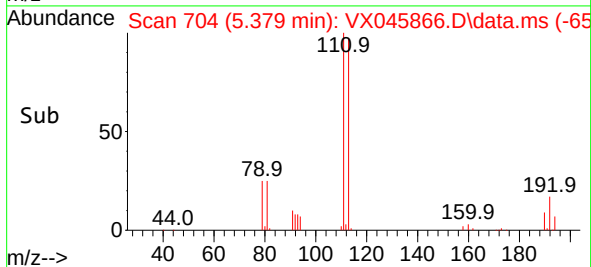
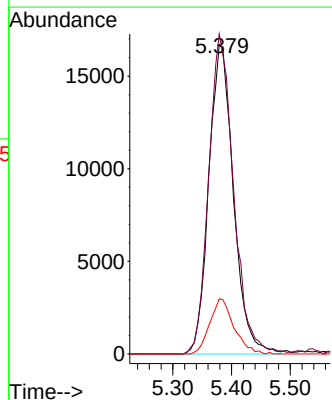
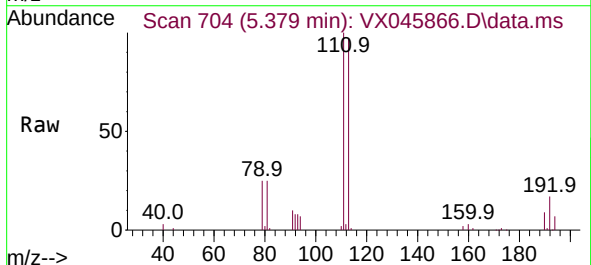
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

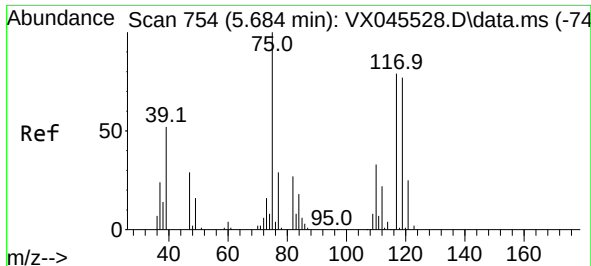
Tgt Ion:114 Resp: 135595
Ion Ratio Lower Upper
114 100
63 23.4 0.0 46.8
88 17.1 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.587 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

Tgt Ion:113 Resp: 48667
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 17.5 13.8 20.6

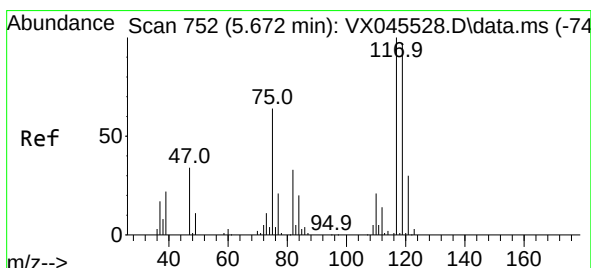
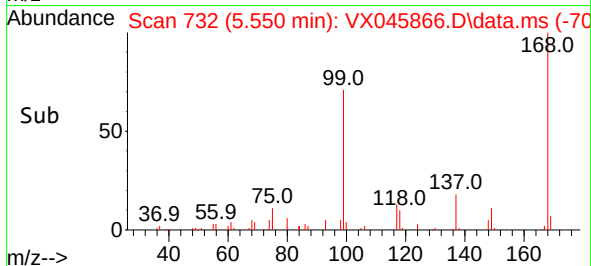
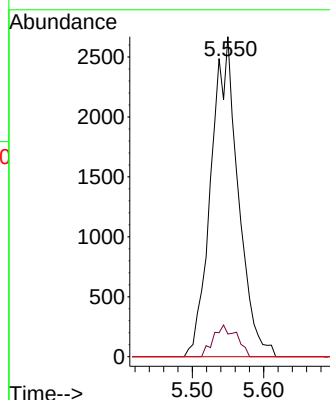
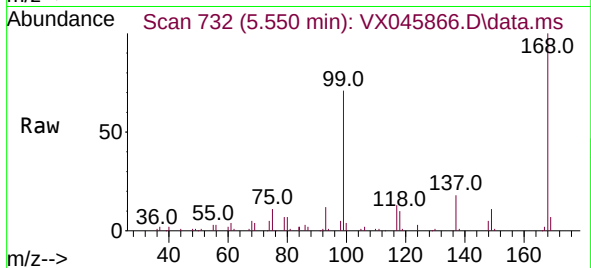




#36
1,1-Dichloropropene
Concen: 5.436 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

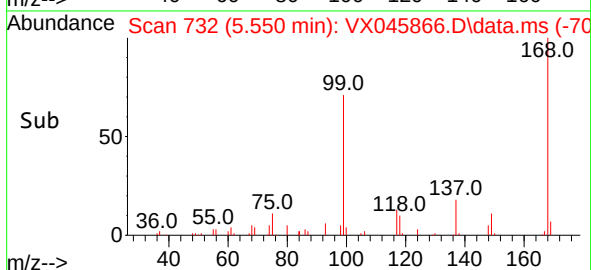
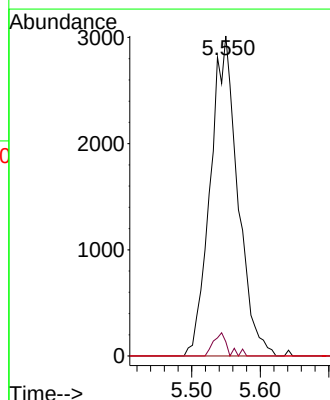
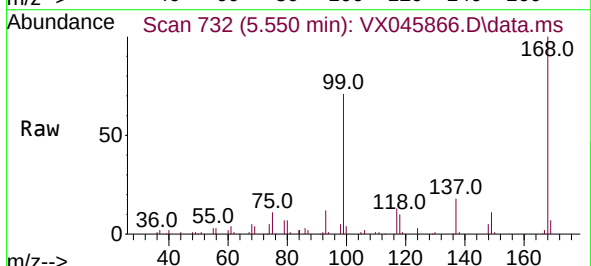
Instrument :
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ClientSampleId :
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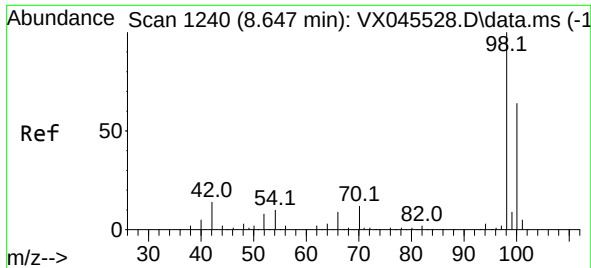
Tgt Ion: 75 Resp: 7061
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.992 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

Tgt Ion: 117 Resp: 8412
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.2 36.2#

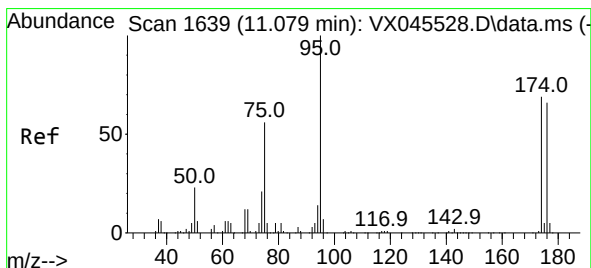
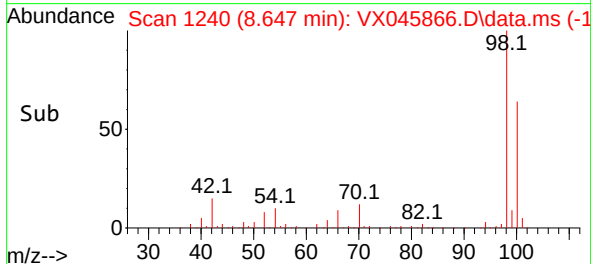
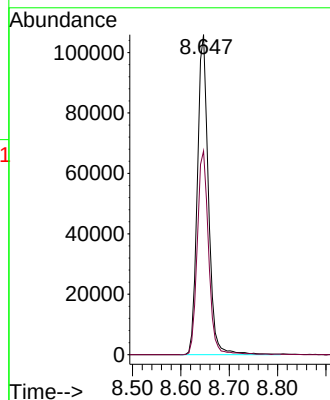
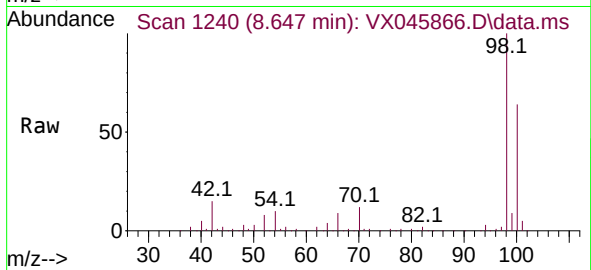




#50
Toluene-d8
Concen: 49.937 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

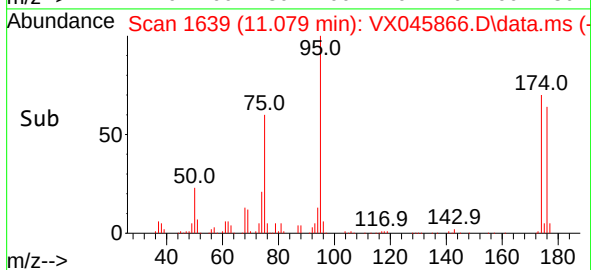
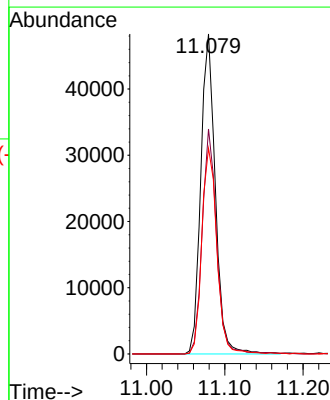
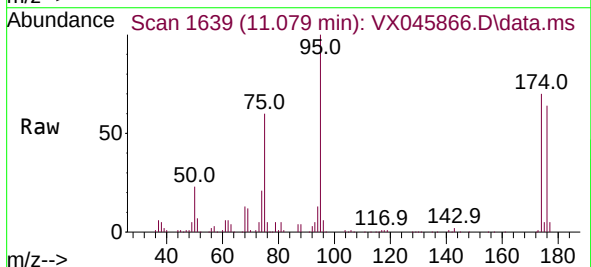
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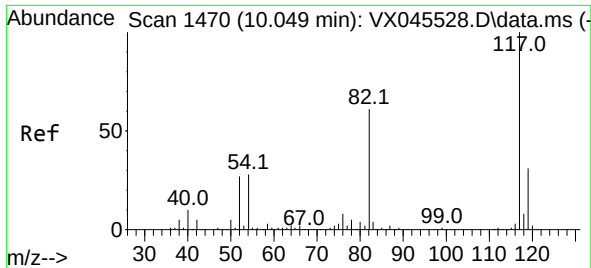
Tgt Ion: 98 Resp: 167684
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 51.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

Tgt Ion: 95 Resp: 62525
Ion Ratio Lower Upper
95 100
174 69.2 0.0 135.8
176 66.1 0.0 131.4

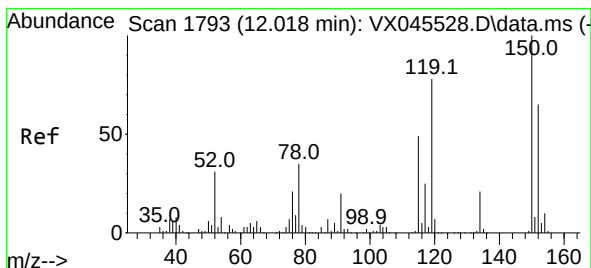
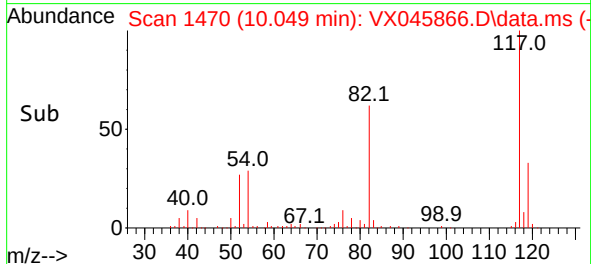
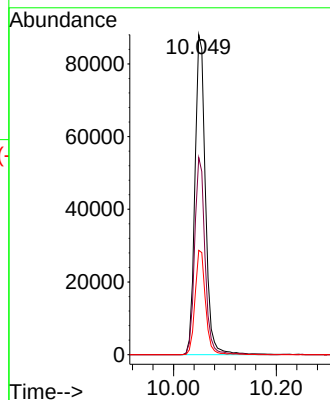
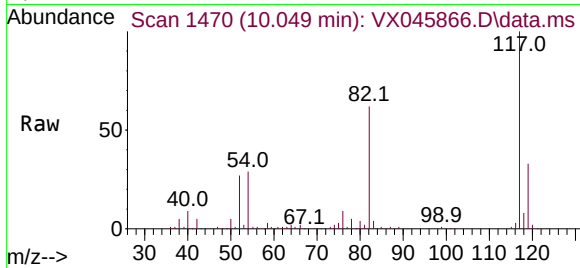




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

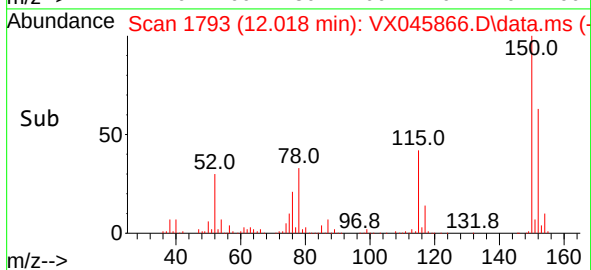
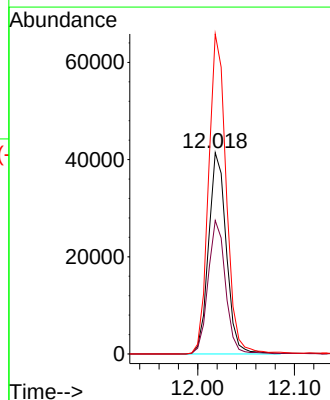
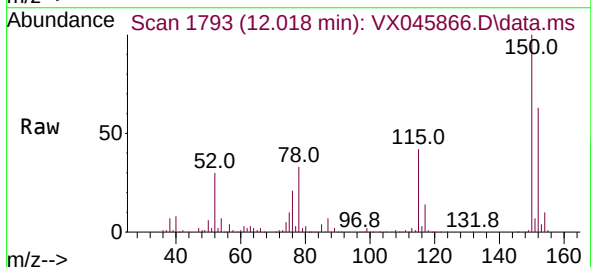
Instrument :
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ClientSampleId :
VX0421MBL01

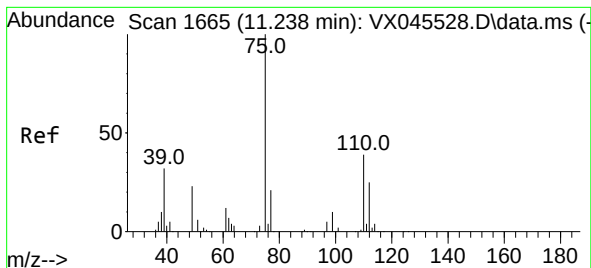
Tgt Ion:117 Resp: 125276
Ion Ratio Lower Upper
117 100
82 61.6 49.2 73.8
119 32.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

Tgt Ion:152 Resp: 52906
Ion Ratio Lower Upper
152 100
115 65.0 46.9 140.7
150 158.3 0.0 349.4





#76

1,2,3-Trichloropropane

Concen: 28.698 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045866.D

Acq: 21 Apr 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

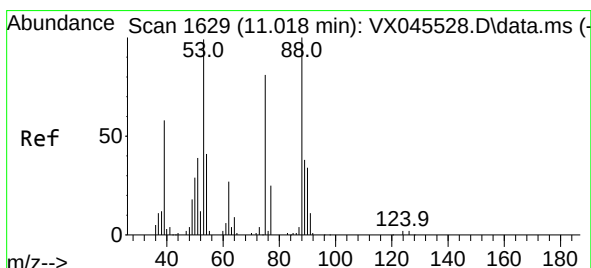
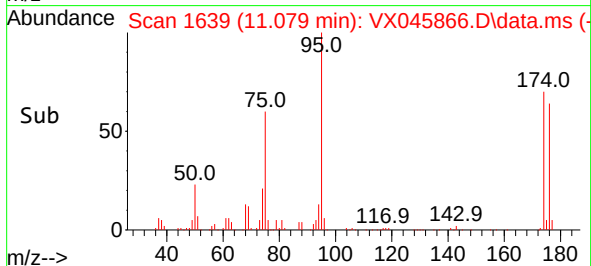
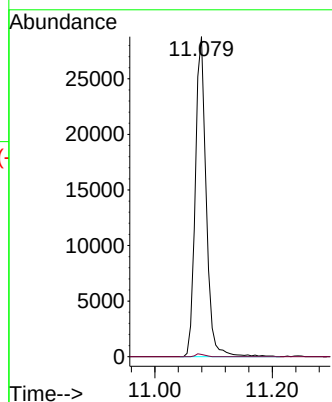
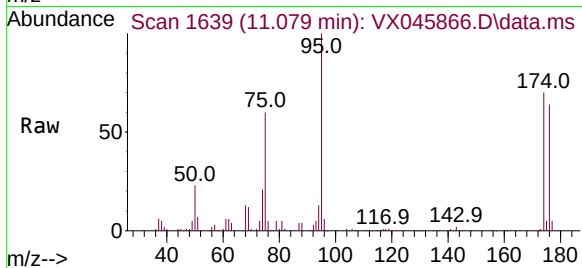
VX0421MBL01

Tgt Ion: 75 Resp: 37035

Ion Ratio Lower Upper

75 100

77 0.7 20.0 59.9#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.398 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX045866.D

Acq: 21 Apr 2025 09:20

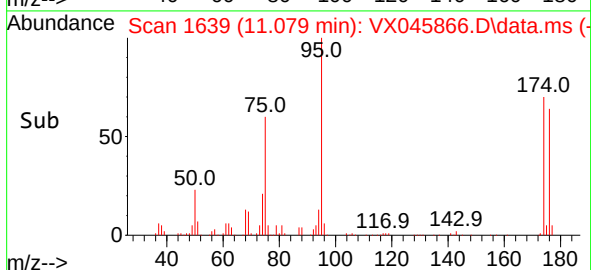
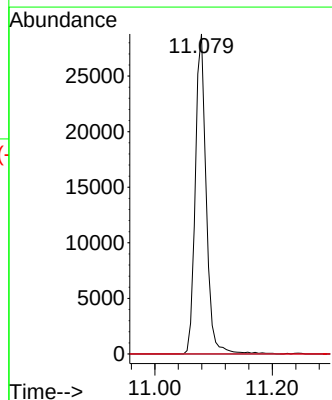
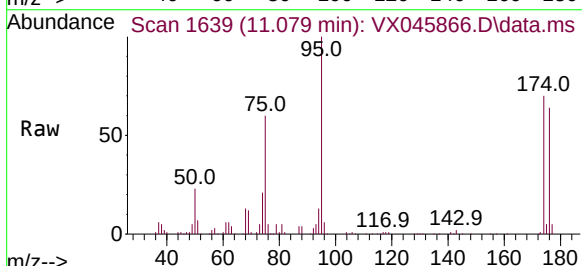
Tgt Ion: 75 Resp: 37035

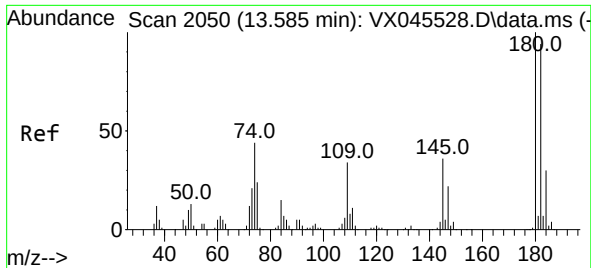
Ion Ratio Lower Upper

75 100

53 0.0 101.8 152.6#

89 0.0 37.2 55.8#

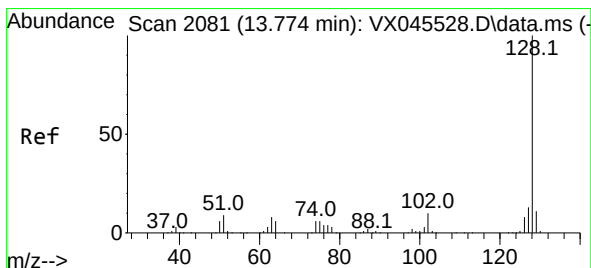
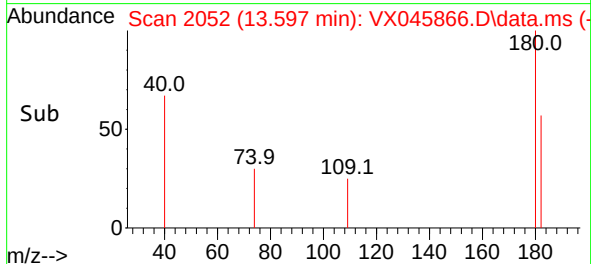
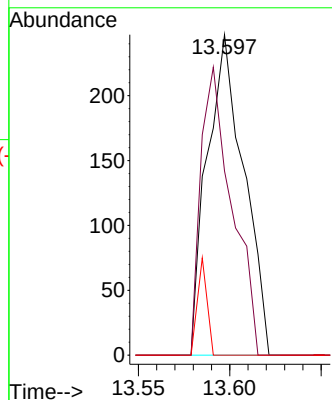
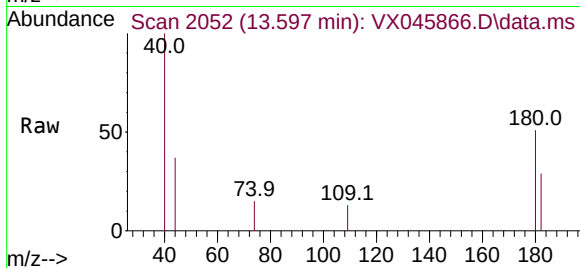




#93
1,2,4-Trichlorobenzene
Concen: 0.350 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

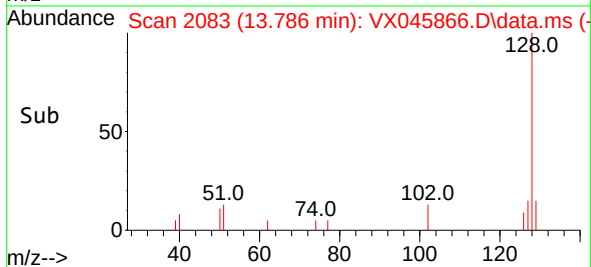
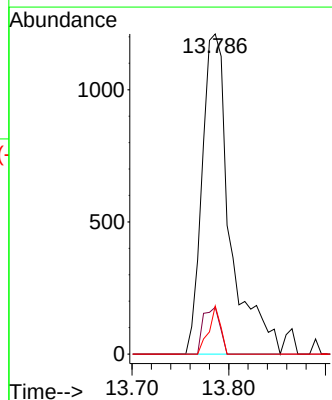
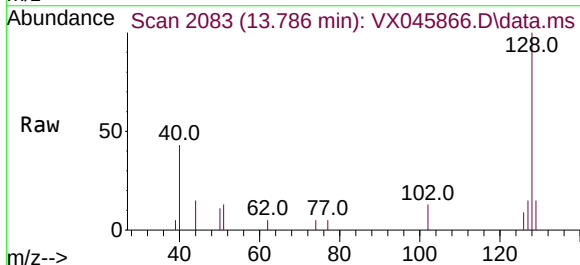
Instrument :
MSVOA_X
ClientSampleId :
VX0421MBL01

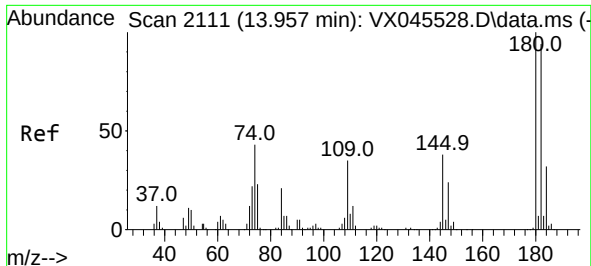
Tgt Ion:180 Resp: 345
Ion Ratio Lower Upper
180 100
182 75.9 47.9 143.6
145 7.8 17.9 53.8#



#95
Naphthalene
Concen: 0.666 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX045866.D
Acq: 21 Apr 2025 09:20

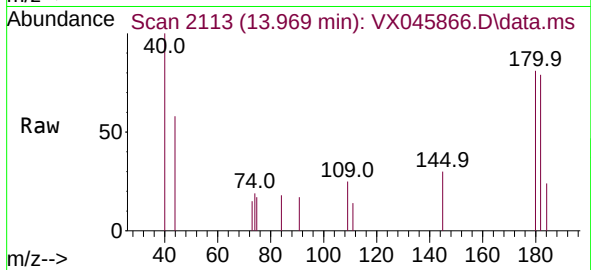
Tgt Ion:128 Resp: 2445
Ion Ratio Lower Upper
128 100
127 8.7 10.3 15.5#
129 6.3 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.379 ug/l
 RT: 13.969 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VX045866.D
 Acq: 21 Apr 2025 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBL01



Tgt Ion:	180	Resp:	391
Ion	Ratio	Lower	Upper
180	100		
182	106.6	47.3	141.8
145	40.9	18.2	54.6

