

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045749.D
 Acq On : 11 Apr 2025 18:10
 Operator : JC/MD
 Sample : Q1790-04 20X
 Misc : 6.84g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S-871-G1-SO-23.0-23.5-041025

Quant Time: Apr 11 23:07:12 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)

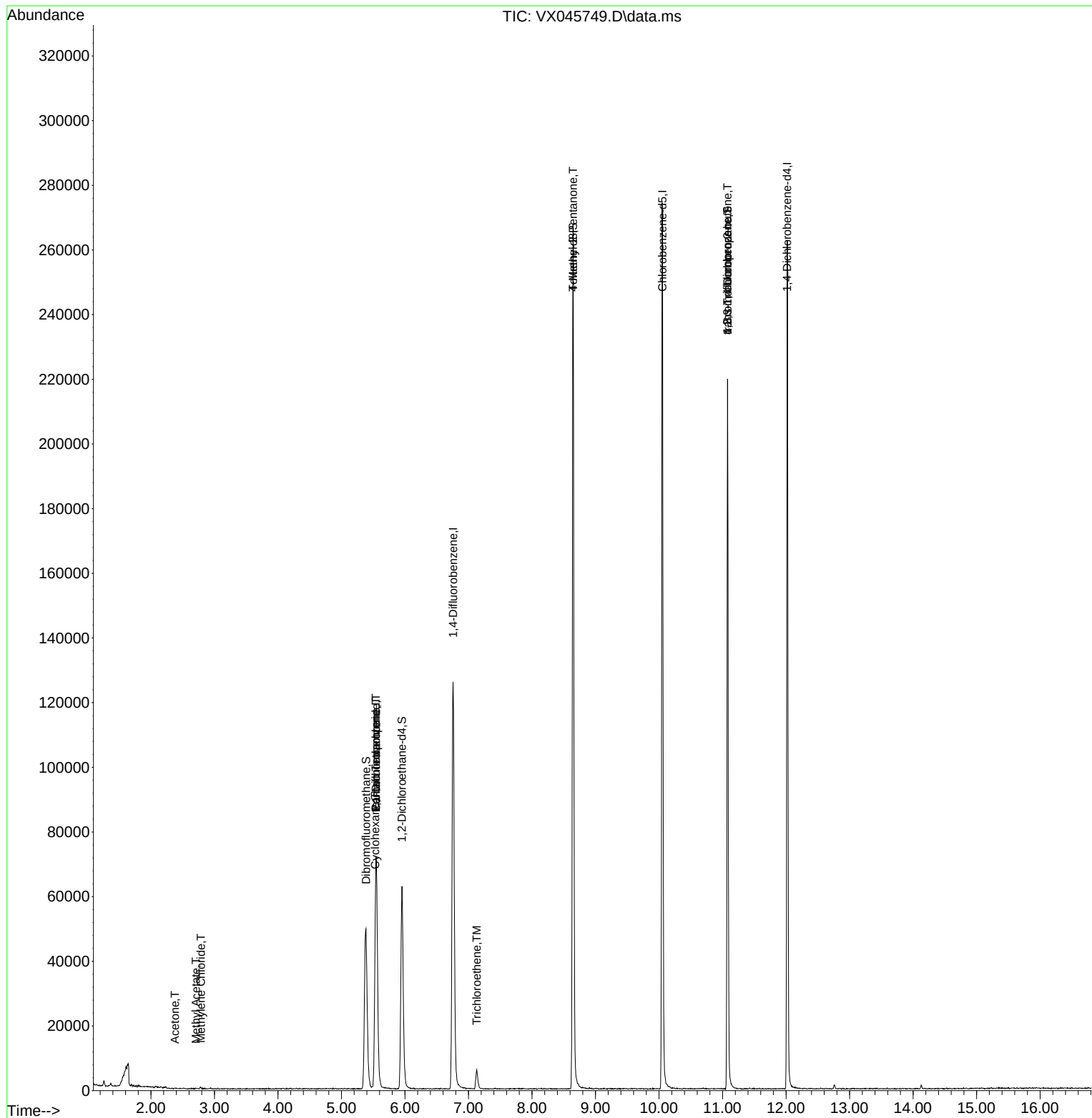
Internal Standards						
1) Pentafluorobenzene	5.544	168	62547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61995	54.200	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.400%	
35) Dibromofluoromethane	5.385	113	43714	50.325	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.660%	
50) Toluene-d8	8.647	98	151283	49.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	11.079	95	57868	52.400	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.800%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	216	0.460	ug/l #	47
18) Methyl Acetate	2.709	43	260	0.240	ug/l #	54
20) Methylene Chloride	2.788	84	247	0.281	ug/l #	66
31) Cyclohexane	5.531	56	960	0.684	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	6141	5.236	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7519	5.932	ug/l #	15
44) Trichloroethene	7.129	130	2315	2.719	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	899	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33548	28.754	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33548	97.589	ug/l #	1

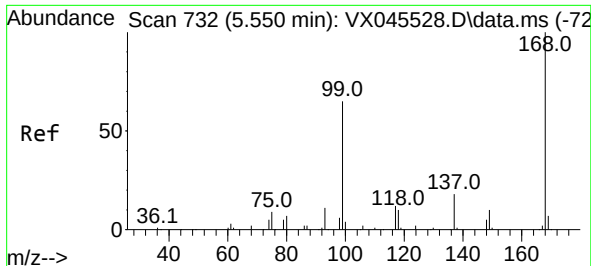
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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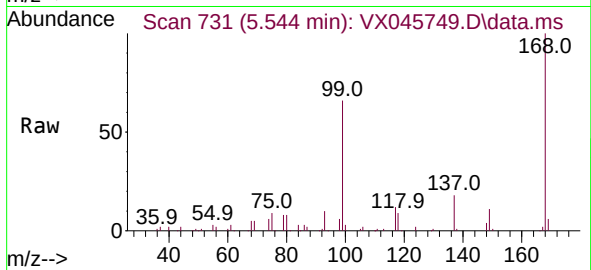
Quant Time: Apr 11 23:07:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
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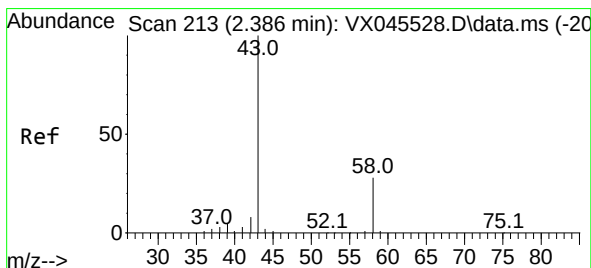
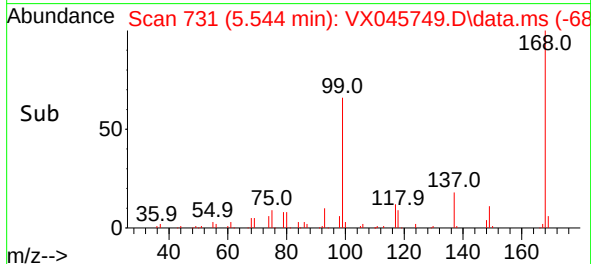
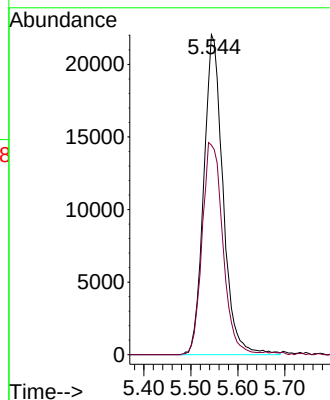


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
S-871-G1-SO-23.0-23.5-041025

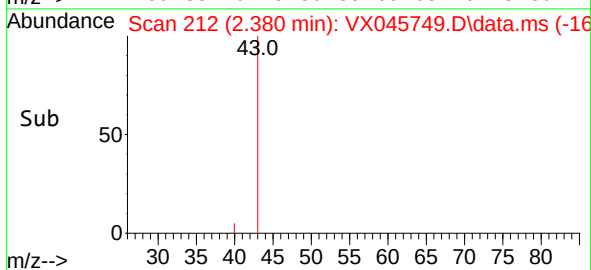
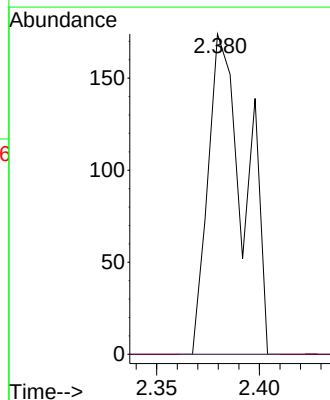
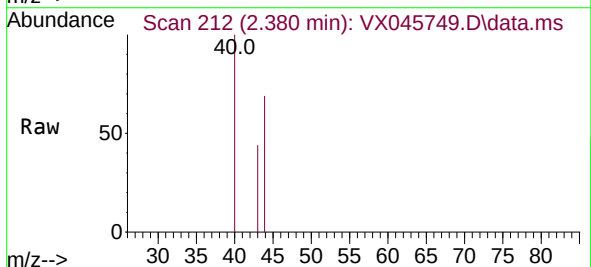


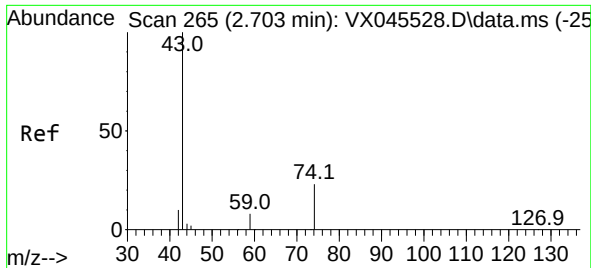
Tgt Ion:168 Resp: 62547
Ion Ratio Lower Upper
168 100
99 65.5 52.3 78.5



#16
Acetone
Concen: 0.460 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

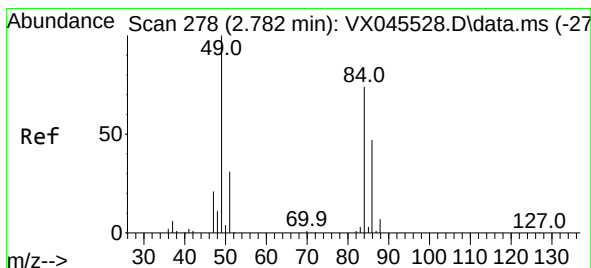
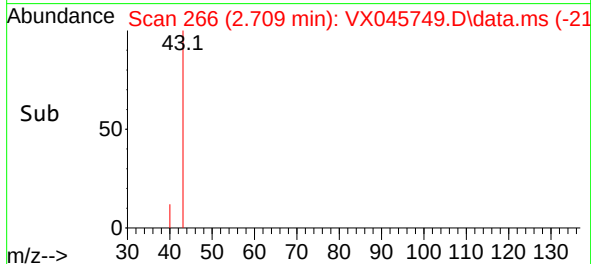
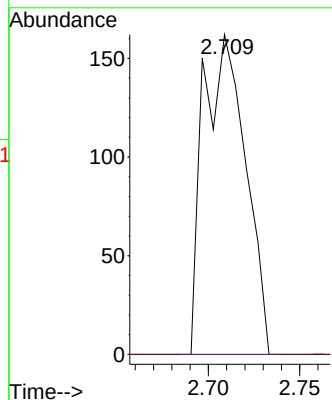
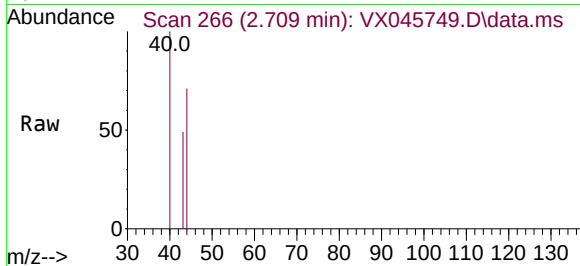




#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

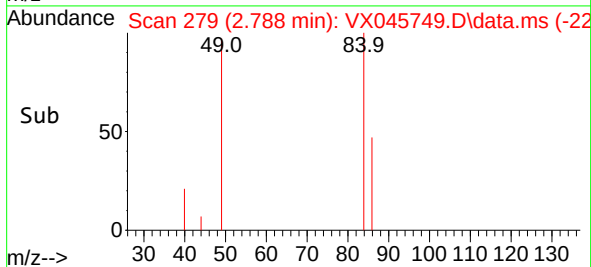
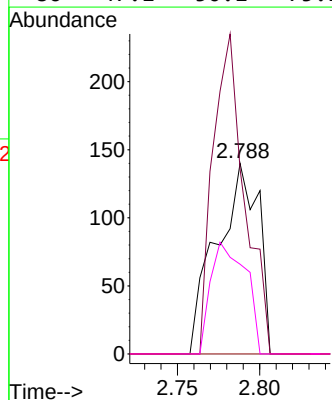
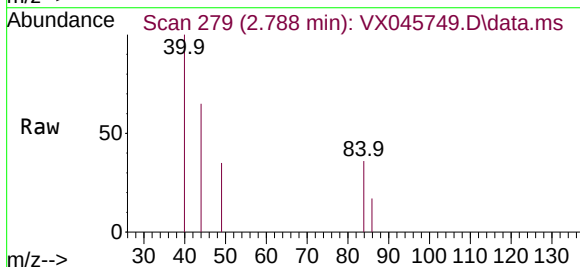
Instrument :
MSVOA_X
ClientSampleId :
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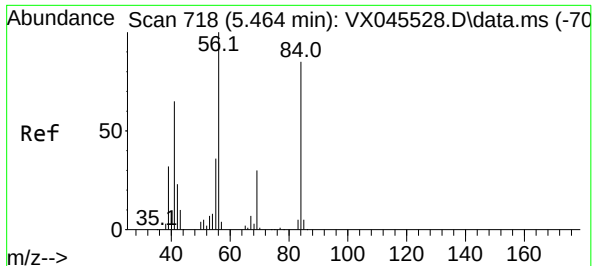
Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.281 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 84 Resp: 247
Ion Ratio Lower Upper
84 100
49 97.1 107.5 161.3#
51 0.0 33.0 49.6#
86 47.1 50.1 75.1#

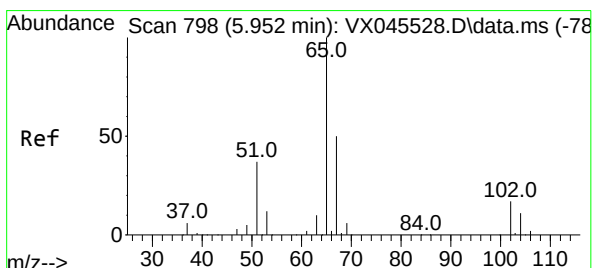
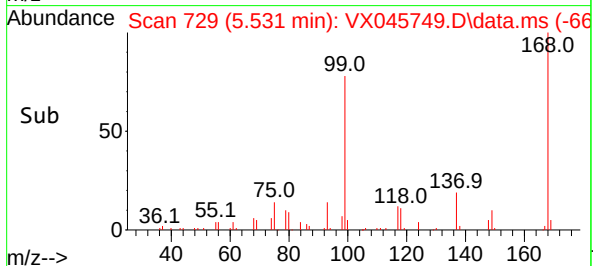
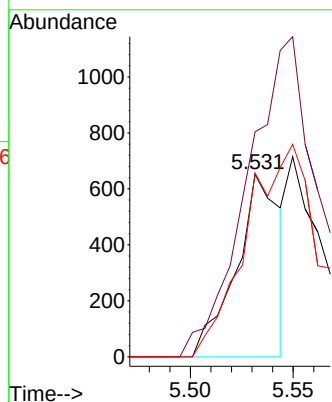
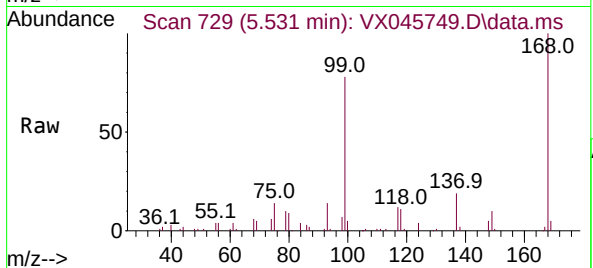




#31
Cyclohexane
Concen: 0.684 ug/l
RT: 5.531 min Scan# 718
Delta R.T. 0.067 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

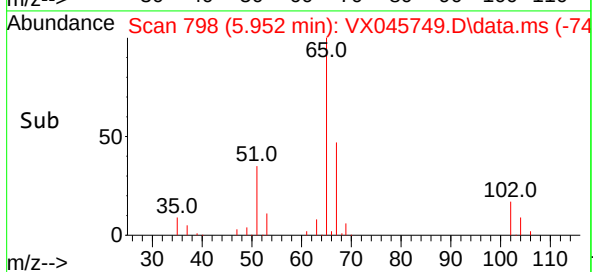
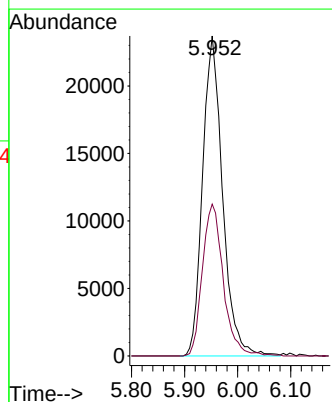
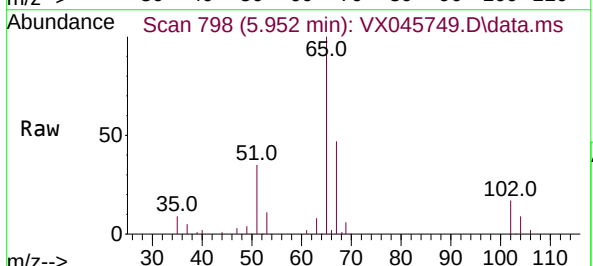
Instrument :
MSVOA_X
ClientSampleId :
S-871-G1-SO-23.0-23.5-041025

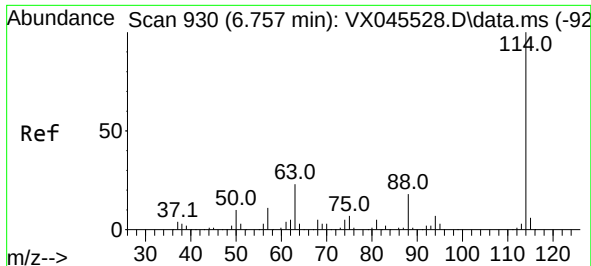
Tgt Ion: 56 Resp: 960
Ion Ratio Lower Upper
56 100
69 123.3 23.6 35.4#
84 100.8 67.7 101.5



#33
1,2-Dichloroethane-d4
Concen: 54.200 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 65 Resp: 61995
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.0

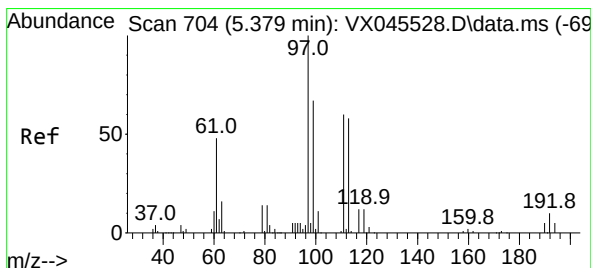
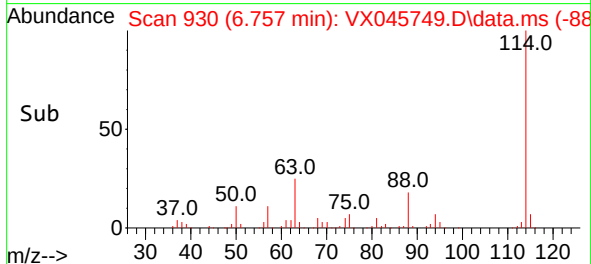
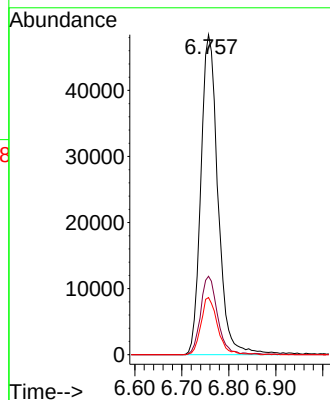
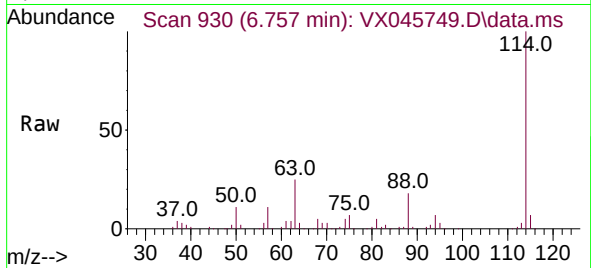




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

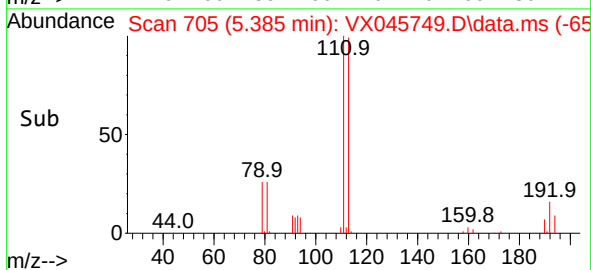
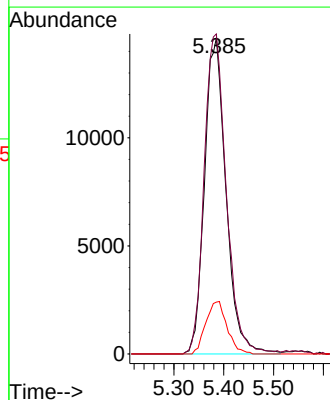
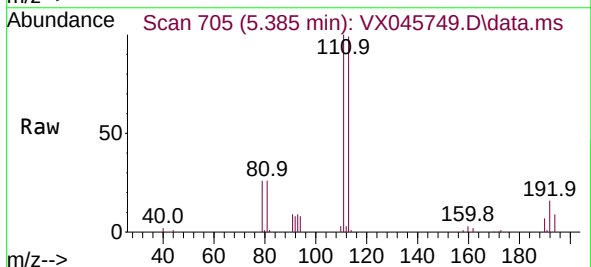
Instrument :
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ClientSampleId :
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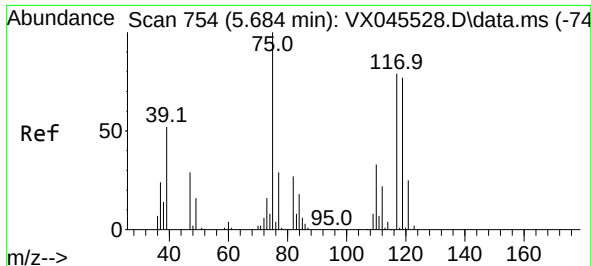
Tgt Ion:114 Resp: 122428
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.325 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion:113 Resp: 43714
Ion Ratio Lower Upper
113 100
111 104.3 81.8 122.6
192 16.5 13.8 20.6

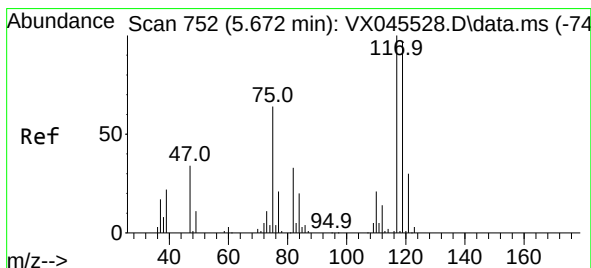
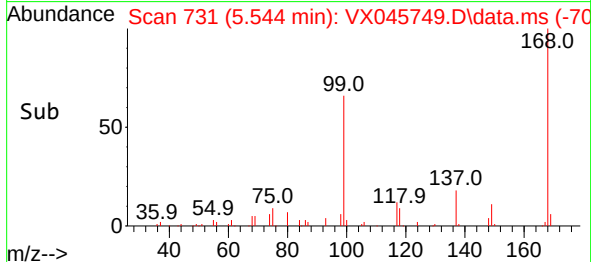
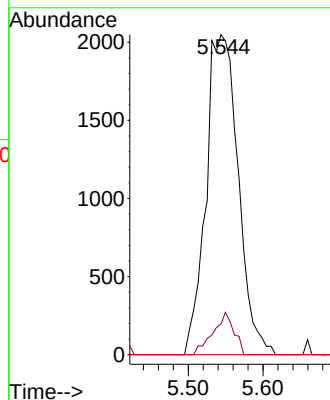
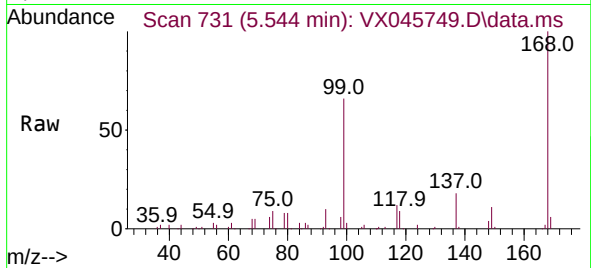




#36
1,1-Dichloropropene
Concen: 5.236 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

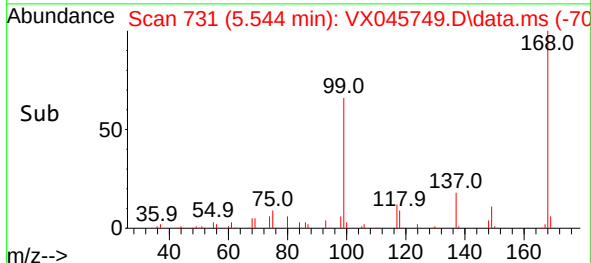
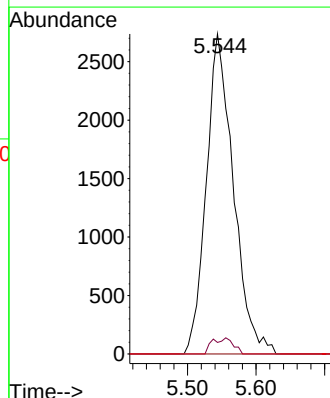
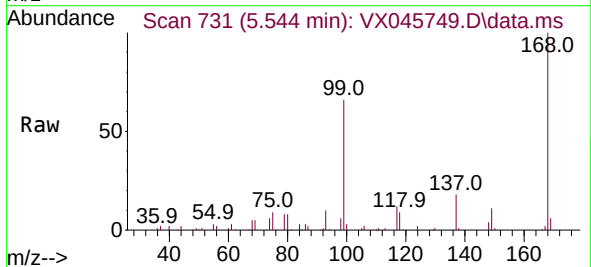
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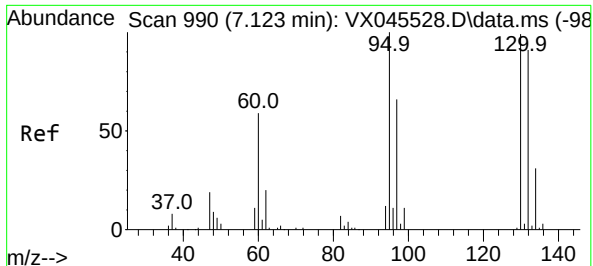
Tgt Ion: 75 Resp: 6141
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.6#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 117 Resp: 7519
Ion Ratio Lower Upper
117 100
119 3.6 76.9 115.3#
121 0.0 24.2 36.2#

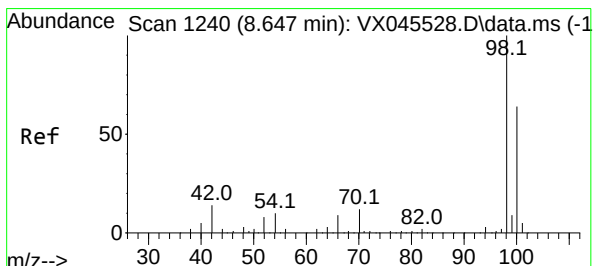
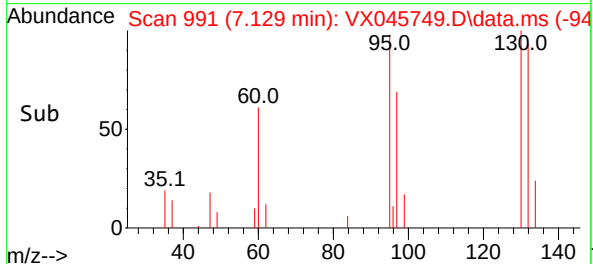
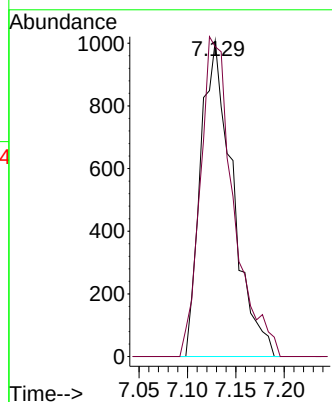
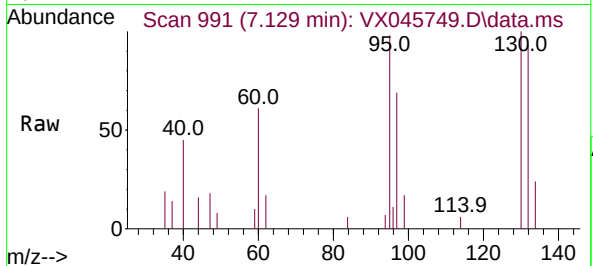




#44
Trichloroethene
Concen: 2.719 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

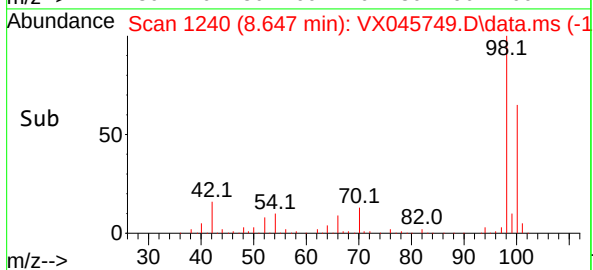
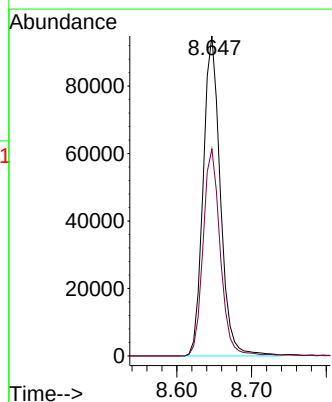
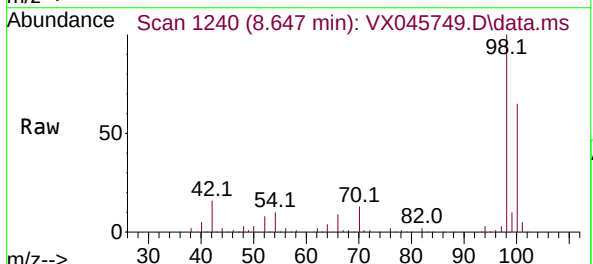
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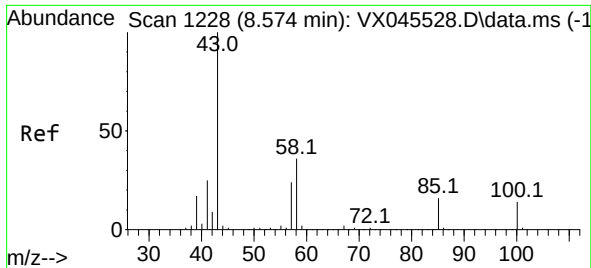
Tgt Ion:130 Resp: 2315
Ion Ratio Lower Upper
130 100
95 98.2 0.0 202.0



#50
Toluene-d8
Concen: 49.898 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 98 Resp: 151283
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

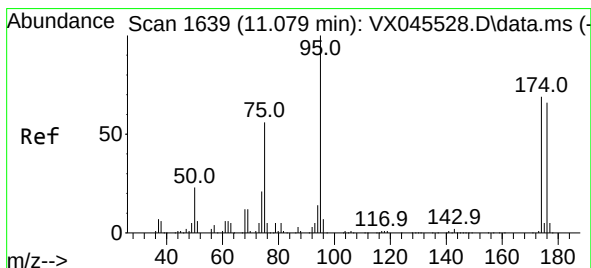
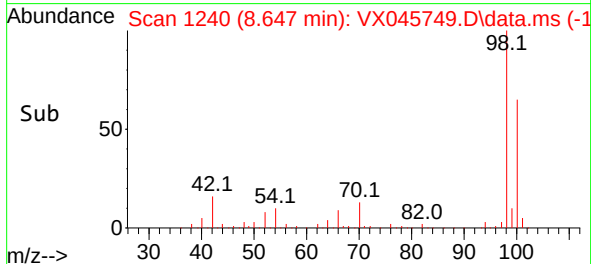
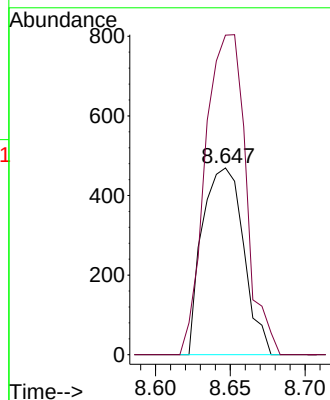
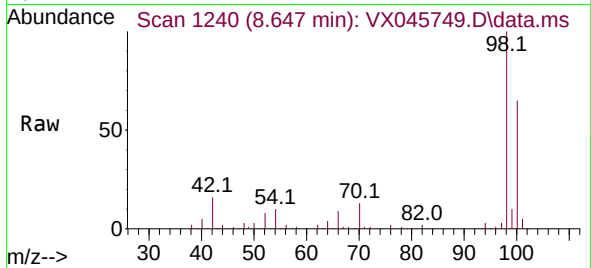




#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

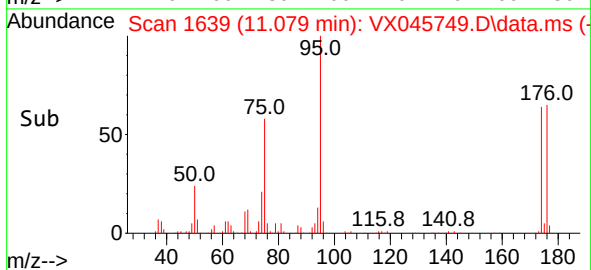
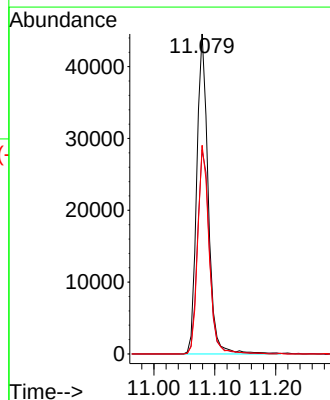
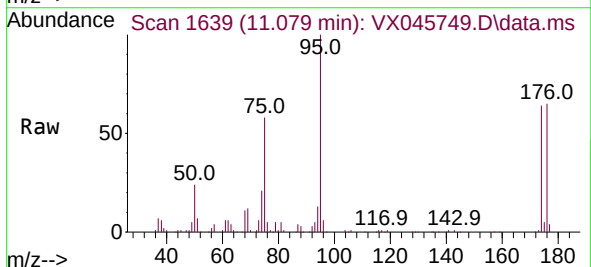
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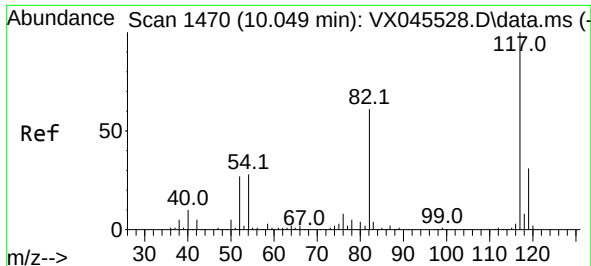
Tgt Ion: 43 Resp: 899
Ion Ratio Lower Upper
43 100
58 168.6 28.5 42.7#



#62
4-Bromofluorobenzene
Concen: 52.400 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 95 Resp: 57868
Ion Ratio Lower Upper
95 100
174 66.2 0.0 135.8
176 65.1 0.0 131.4

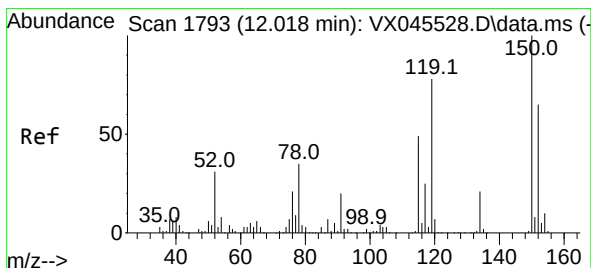
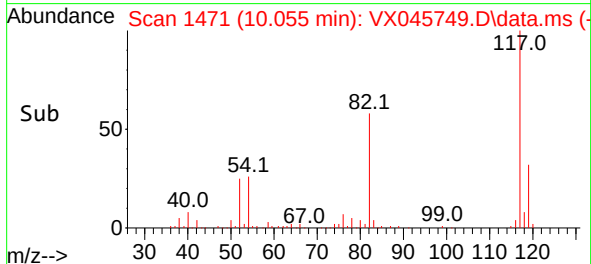
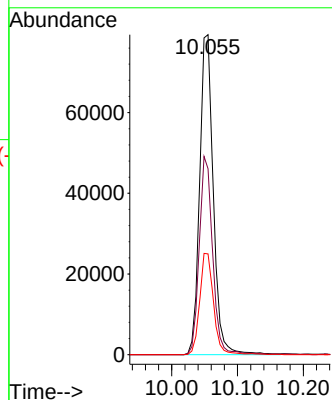
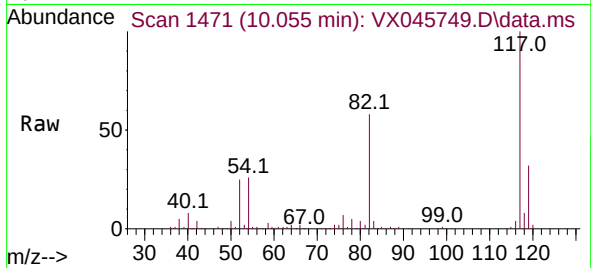




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

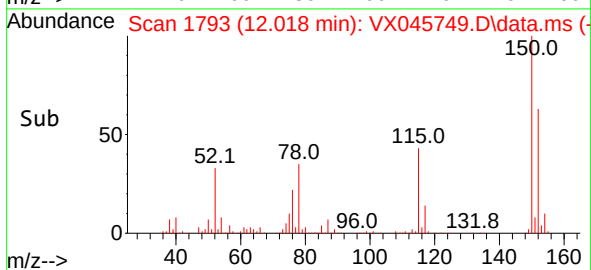
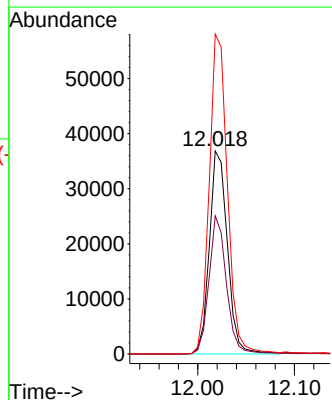
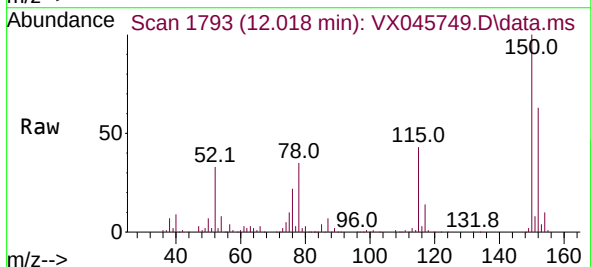
Instrument :
MSVOA_X
ClientSampleId :
S-871-G1-SO-23.0-23.5-041025

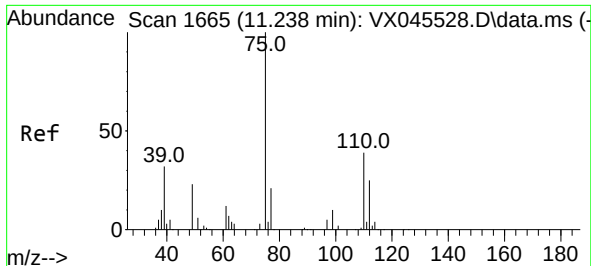
Tgt Ion:117 Resp: 114378
Ion Ratio Lower Upper
117 100
82 58.1 49.2 73.8
119 31.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion:152 Resp: 47831
Ion Ratio Lower Upper
152 100
115 66.0 46.9 140.7
150 159.3 0.0 349.4

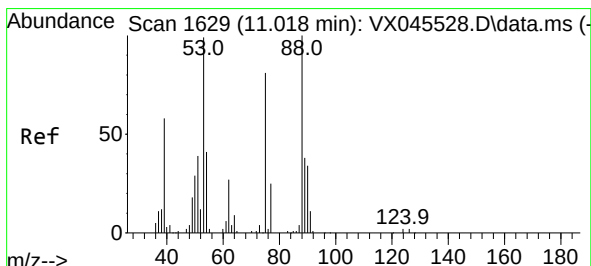
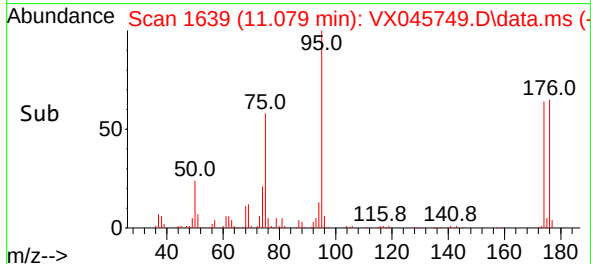
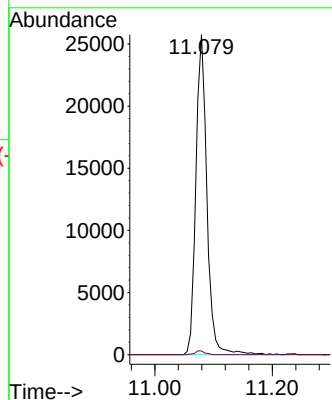
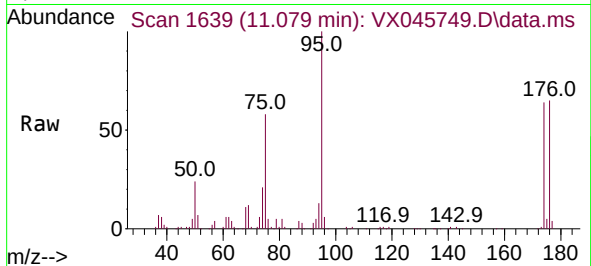




#76
1,2,3-Trichloropropane
Concen: 28.754 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
S-871-G1-SO-23.0-23.5-041025

Tgt Ion: 75 Resp: 33548
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045749.D
Acq: 11 Apr 2025 18:10

Tgt Ion: 75 Resp: 33548
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 37.2 55.8#

