

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
 Data File : VX045333.D
 Acq On : 18 Mar 2025 18:20
 Operator : JC/MD
 Sample : Q1559-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20250312

Quant Time: Mar 19 01:48:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	67809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134986	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61840	57.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.660%
35) Dibromofluoromethane	5.385	113	47336	52.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.880%
50) Toluene-d8	8.647	98	172527	52.723	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.440%
62) 4-Bromofluorobenzene	11.079	95	59486	54.859	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.720%

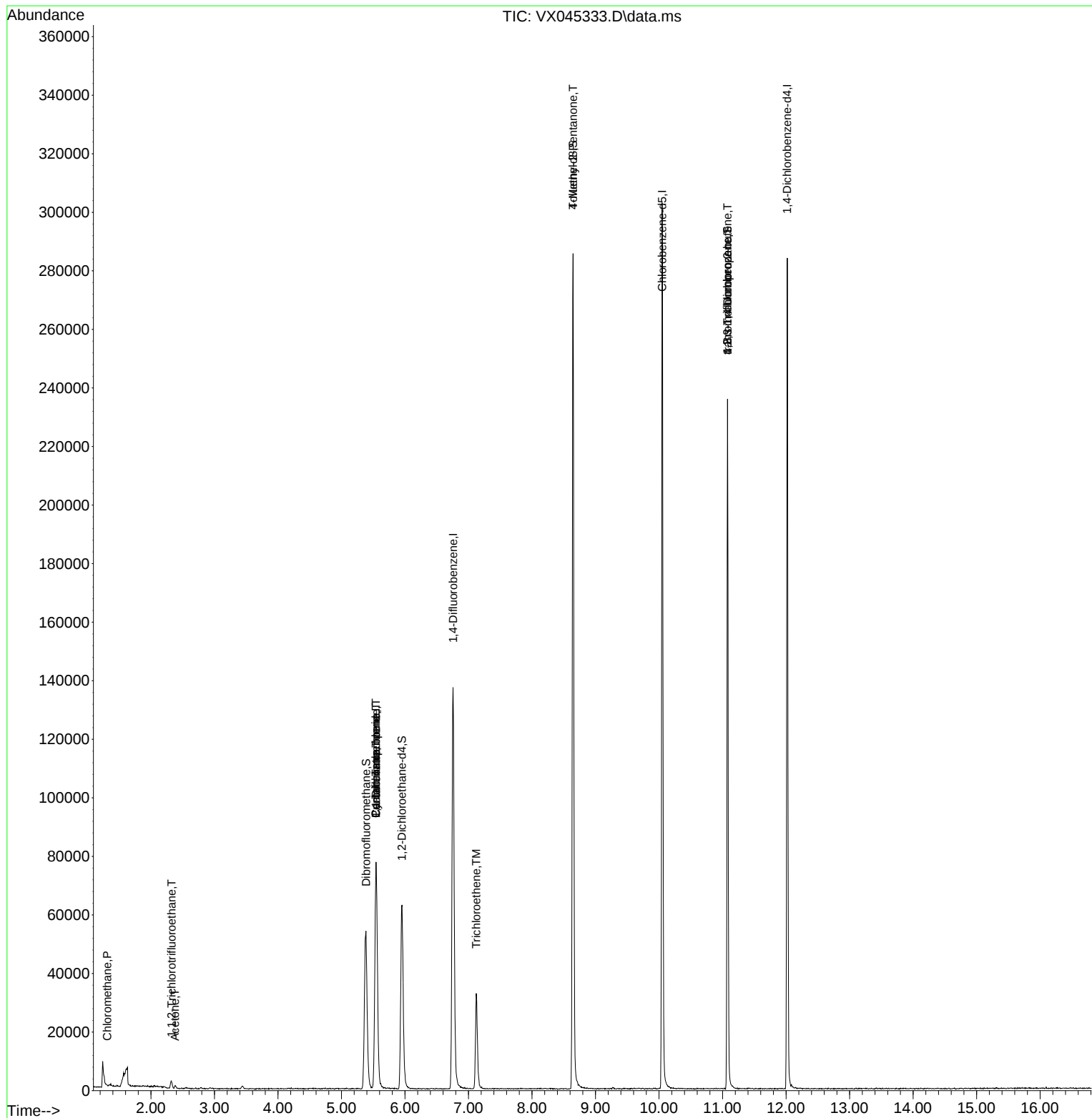
Target Compounds					Qvalue	
3) Chloromethane	1.313	50	227	0.217	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	1222	1.551	ug/l	92
16) Acetone	2.380	43	1139	2.276	ug/l	98
31) Cyclohexane	5.544	56	1953	1.331	ug/l #	32
36) 1,1-Dichloropropene	5.544	75	6467	5.224	ug/l #	47
38) Carbon Tetrachloride	5.544	117	7545	6.004	ug/l #	15
44) Trichloroethene	7.123	130	11683	12.729	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	990	0.625	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33465	26.973	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33465	92.307	ug/l #	6

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

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

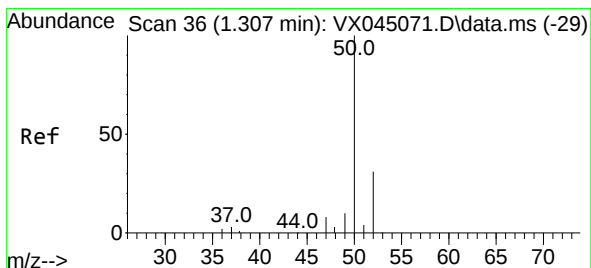
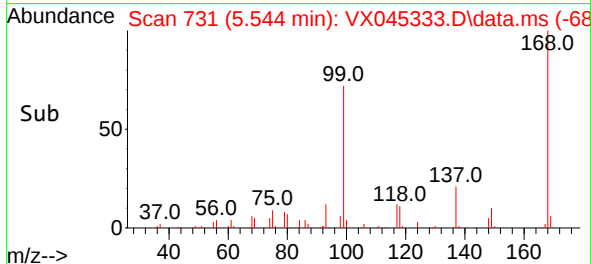
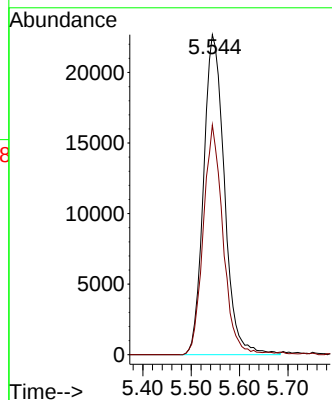
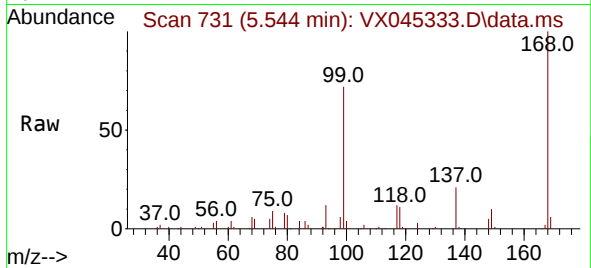




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

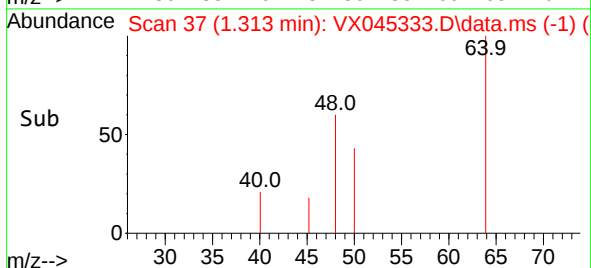
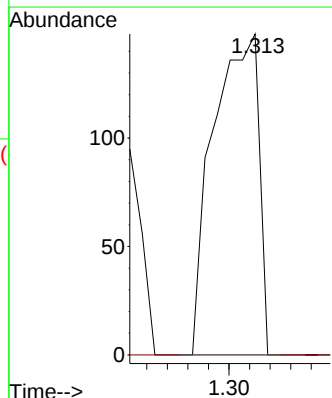
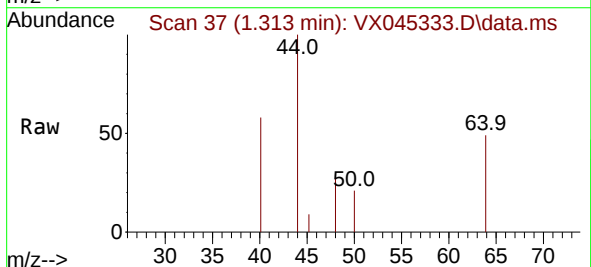
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

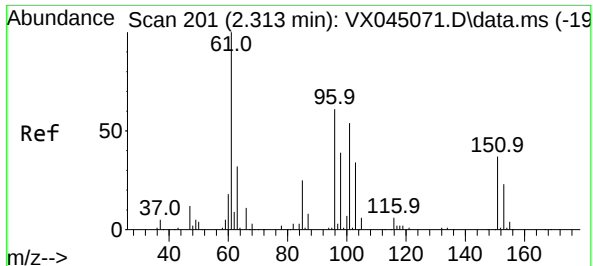
Tgt Ion:168 Resp: 67809
Ion Ratio Lower Upper
168 100
99 71.8 48.2 72.4



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

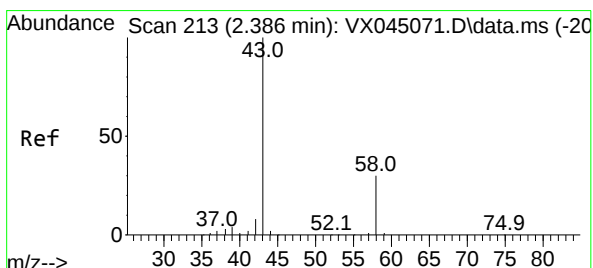
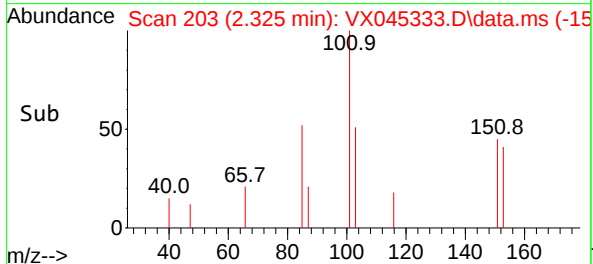
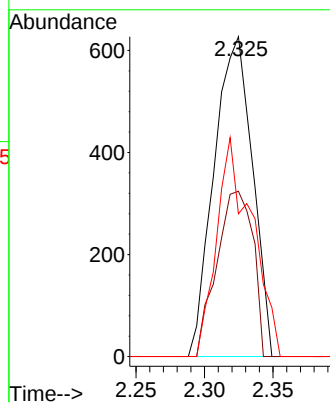
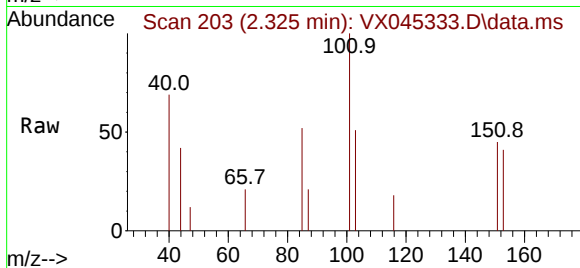




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.551 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

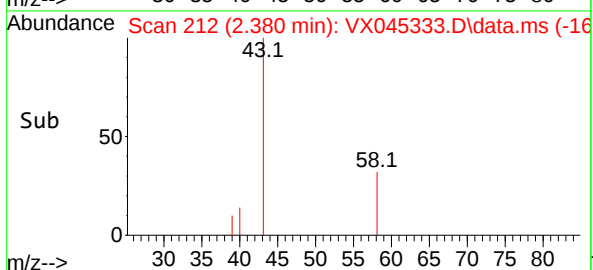
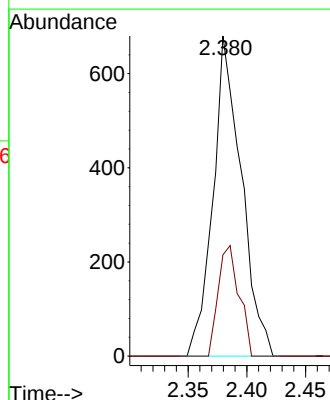
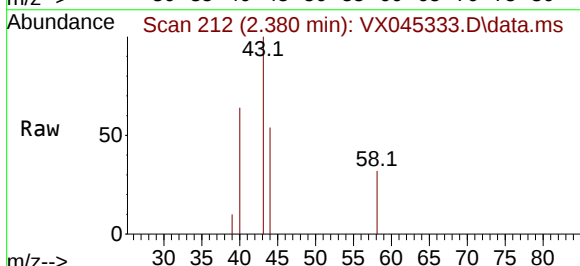
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

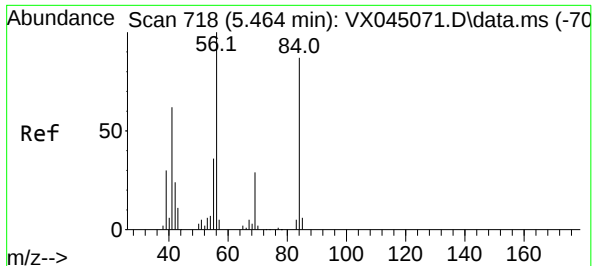
Tgt Ion:101 Resp: 1222
Ion Ratio Lower Upper
101 100
85 48.7 36.2 54.4
151 63.0 56.4 84.6



#16
Acetone
Concen: 2.276 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 43 Resp: 1139
Ion Ratio Lower Upper
43 100
58 31.6 24.2 36.4

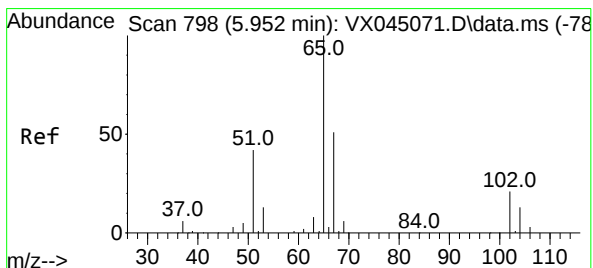
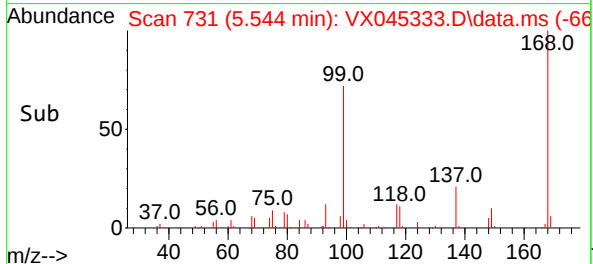
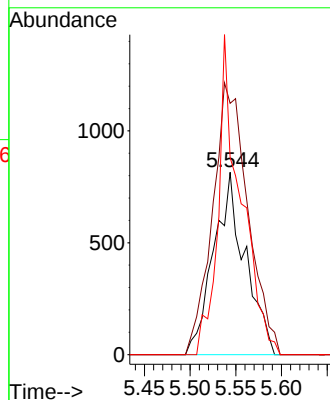
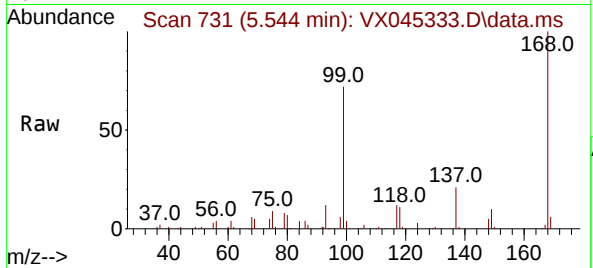




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

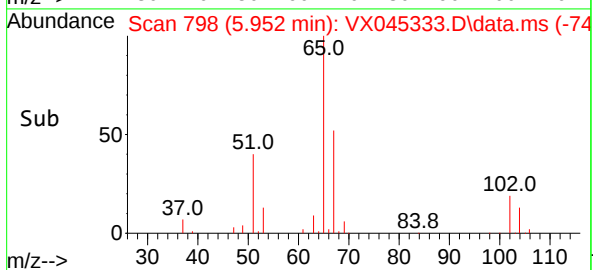
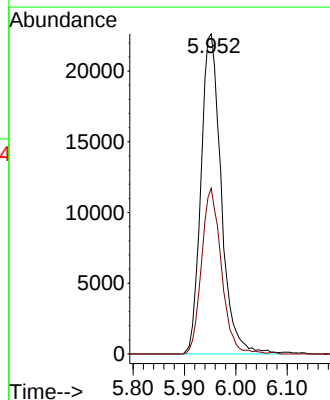
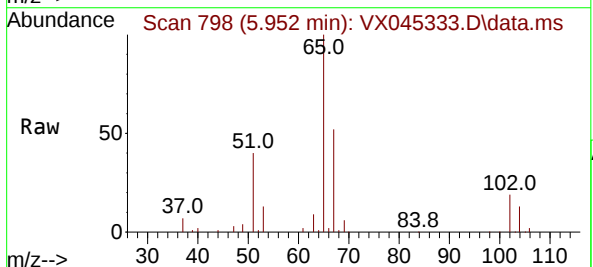
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

Tgt Ion: 56 Resp: 1953
Ion Ratio Lower Upper
56 100
69 137.8 23.4 35.2#
84 108.1 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 57.334 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 65 Resp: 61840
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

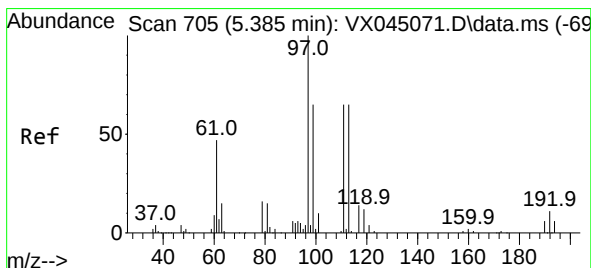
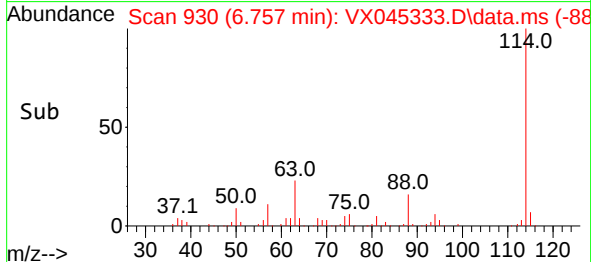
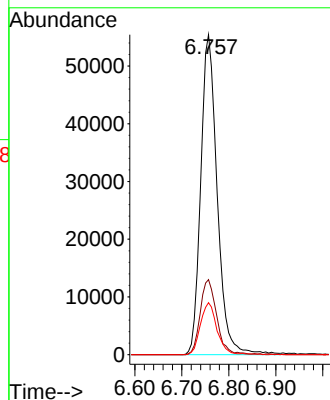
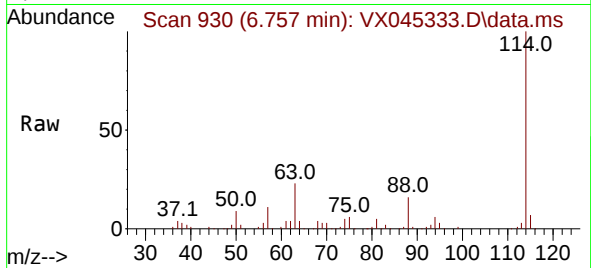




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

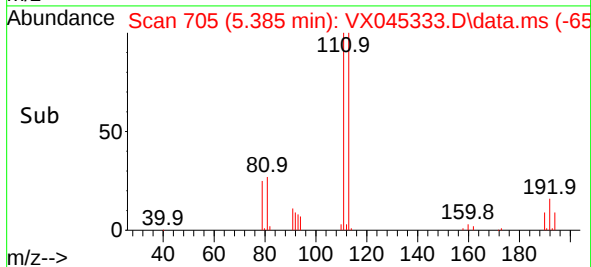
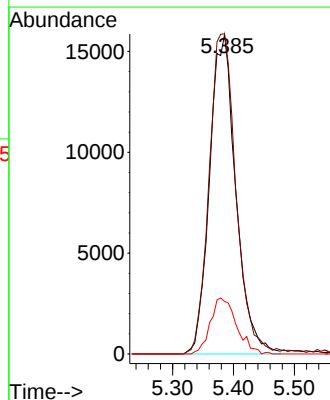
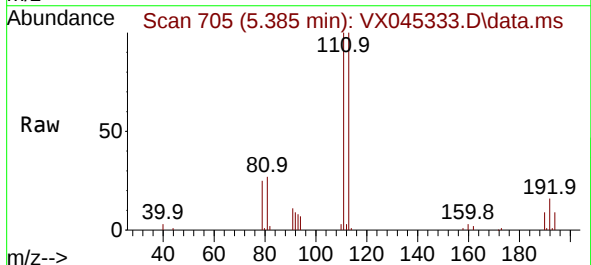
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ClientSampleId :
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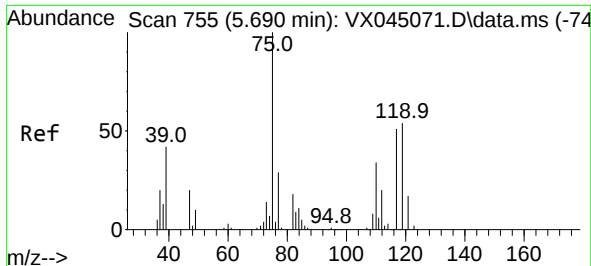
Tgt Ion:114 Resp: 134986
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.443 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion:113 Resp: 47336
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.5 14.3 21.5

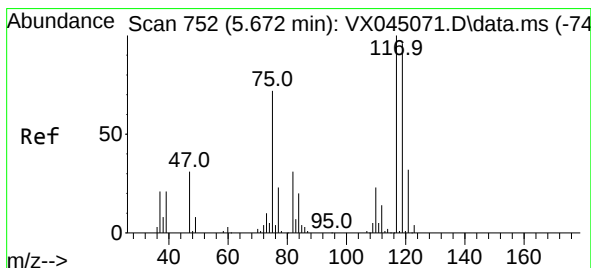
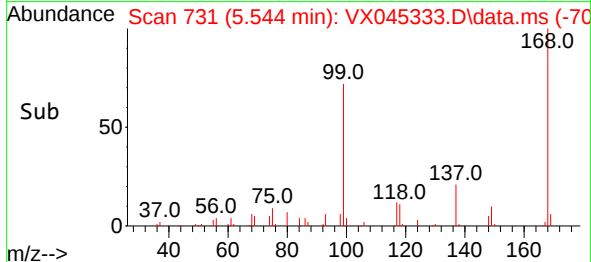
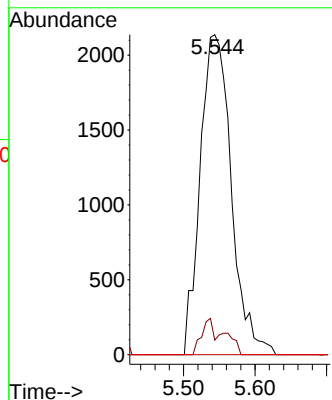
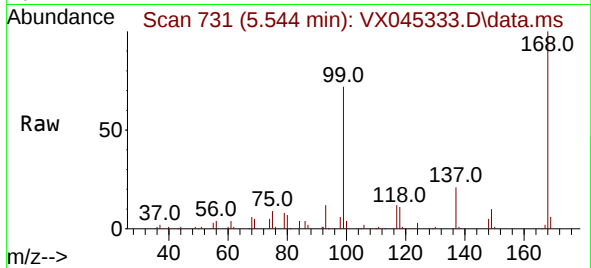




#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

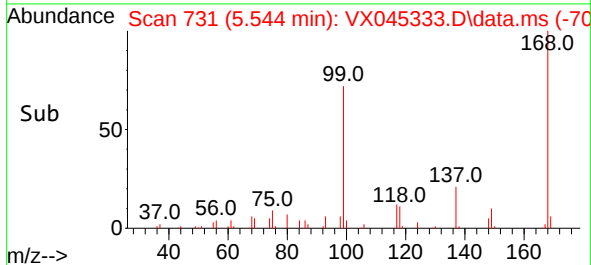
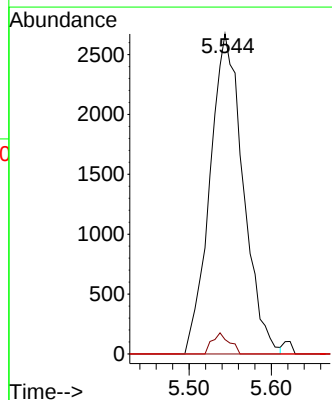
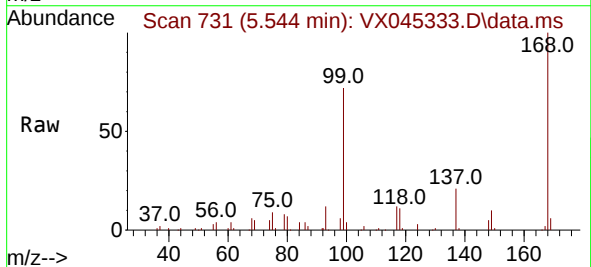
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

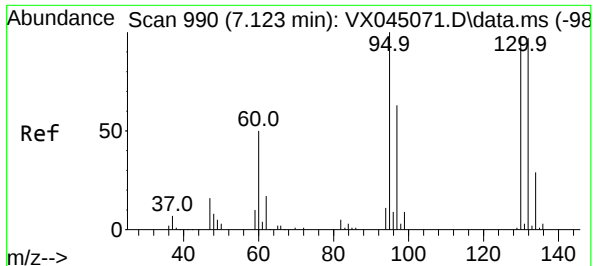
Tgt Ion: 75 Resp: 6467
Ion Ratio Lower Upper
75 100
110 5.1 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.004 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 117 Resp: 7545
Ion Ratio Lower Upper
117 100
119 4.5 76.7 115.1#
121 0.0 25.5 38.3#

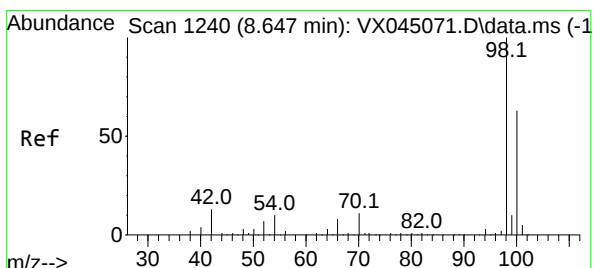
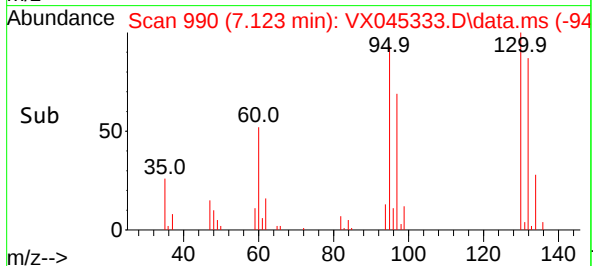
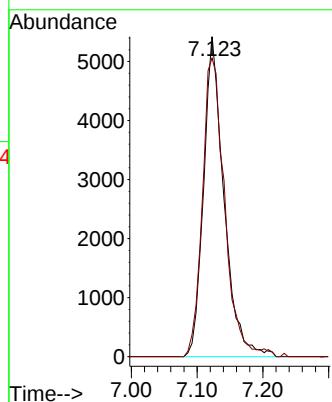
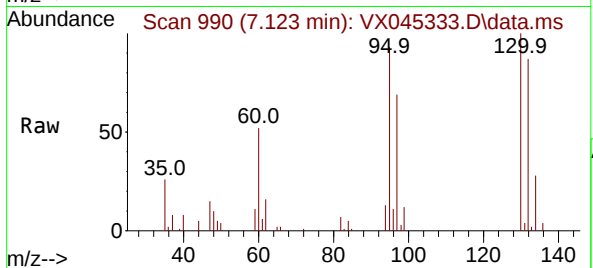




#44
Trichloroethene
Concen: 12.729 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

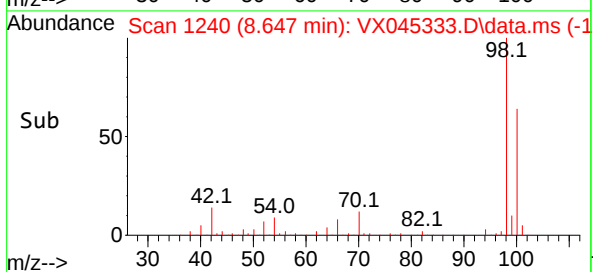
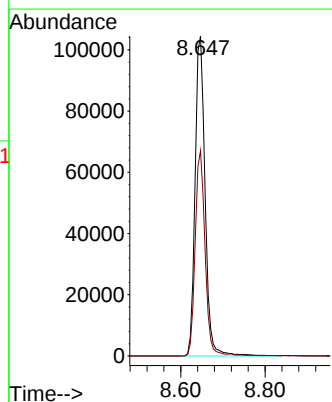
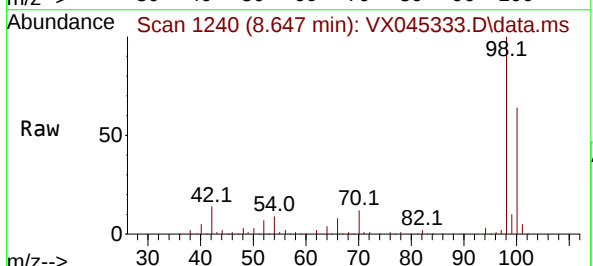
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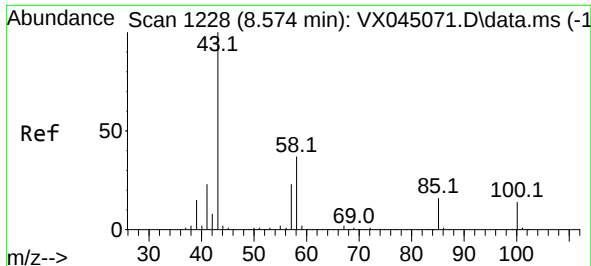
Tgt Ion:130 Resp: 11683
Ion Ratio Lower Upper
130 100
95 93.3 0.0 205.0



#50
Toluene-d8
Concen: 52.723 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 98 Resp: 172527
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

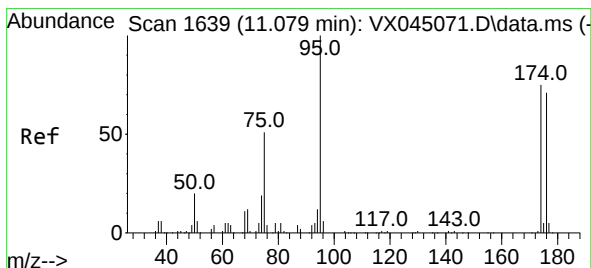
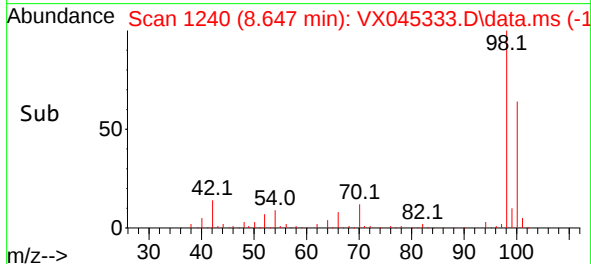
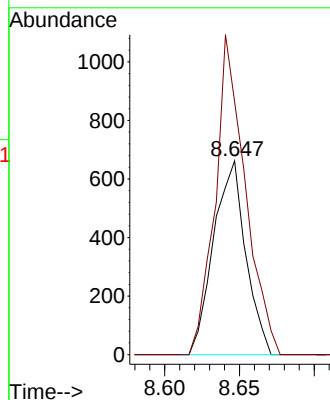
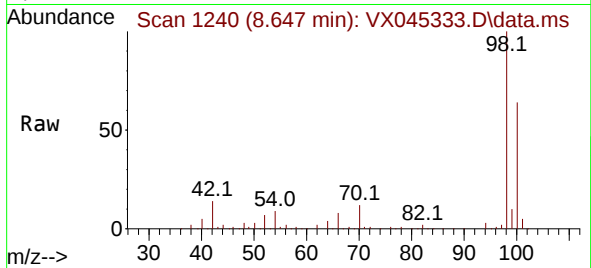




#51
4-Methyl-2-Pentanone
Concen: 0.625 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

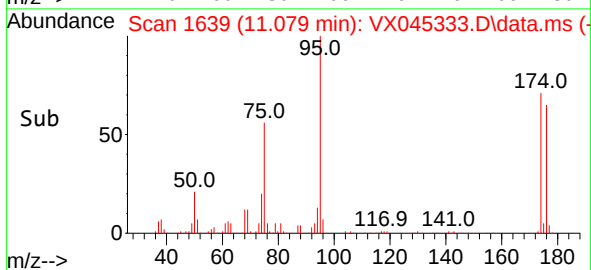
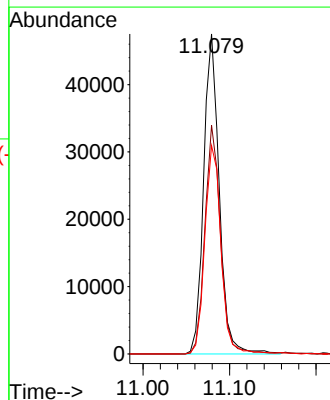
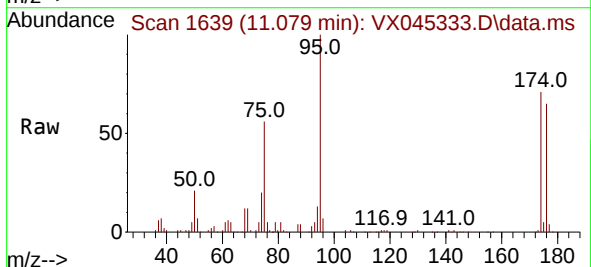
Instrument :
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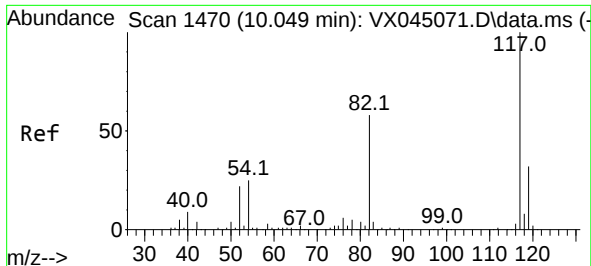
Tgt Ion: 43 Resp: 990
Ion Ratio Lower Upper
43 100
58 154.1 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 95 Resp: 59486
Ion Ratio Lower Upper
95 100
174 71.7 0.0 148.2
176 67.4 0.0 141.4

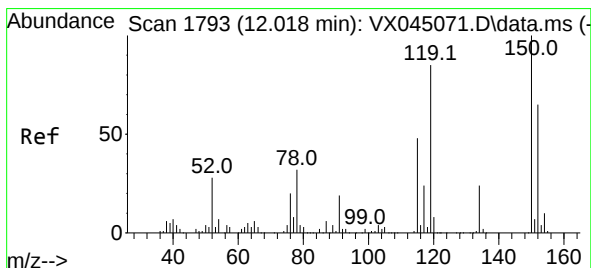
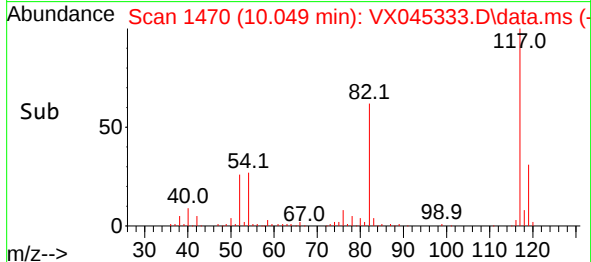
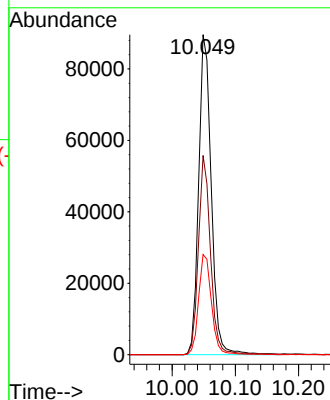
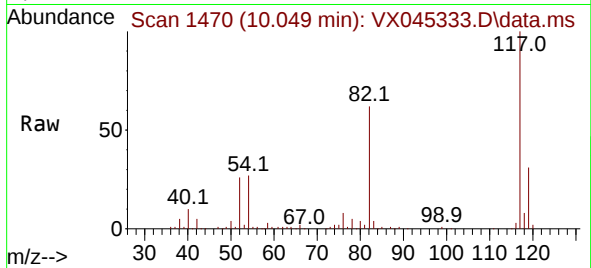




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

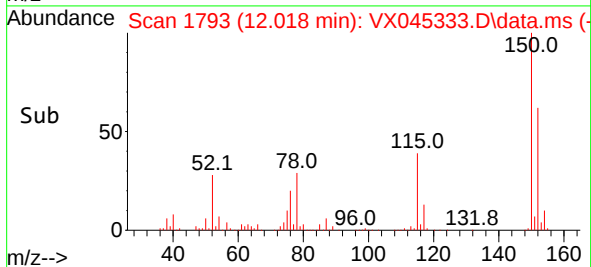
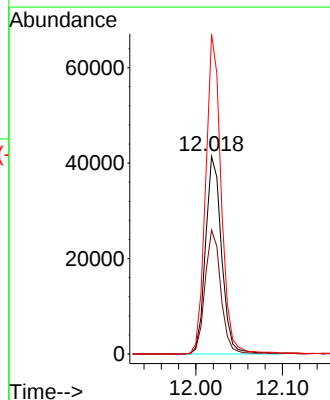
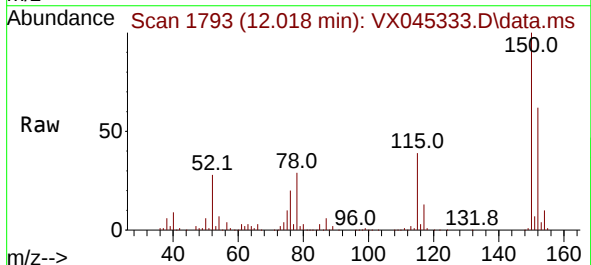
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

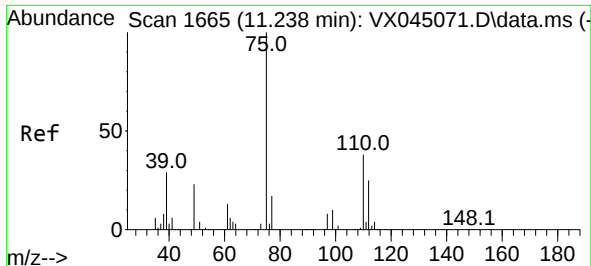
Tgt Ion:117 Resp: 124517
Ion Ratio Lower Upper
117 100
82 62.3 46.3 69.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion:152 Resp: 53305
Ion Ratio Lower Upper
152 100
115 61.7 44.2 132.6
150 156.2 0.0 349.0

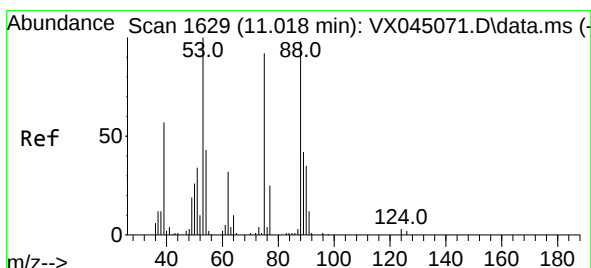
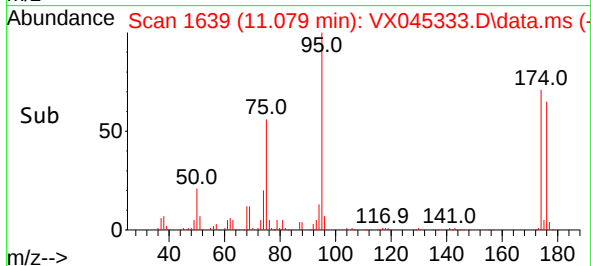
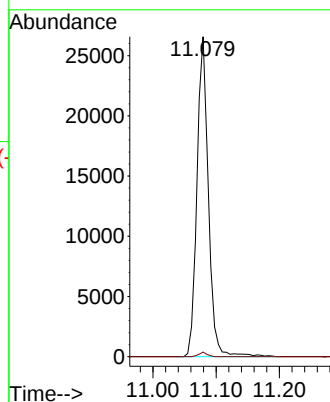
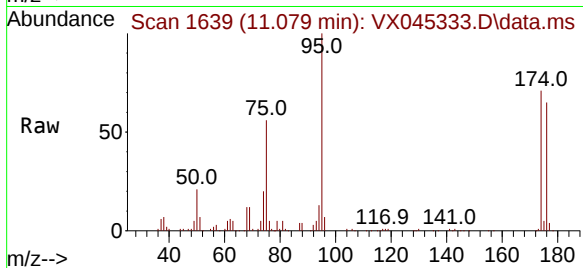




#76
1,2,3-Trichloropropane
Concen: 26.973 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20250312

Tgt Ion: 75 Resp: 33465
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.307 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045333.D
Acq: 18 Mar 2025 18:20

Tgt Ion: 75 Resp: 33465
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.1 36.2 54.4#

