

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043945.D
 Acq On : 21 Nov 2024 19:09
 Operator : JC/MD
 Sample : P4934-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20241118

Quant Time: Nov 22 04:03:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	120506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102406	49.546	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.100%
35) Dibromofluoromethane	5.379	113	76489	46.714	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.420%
50) Toluene-d8	8.647	98	276924	49.063	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	90477	47.102	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.200%

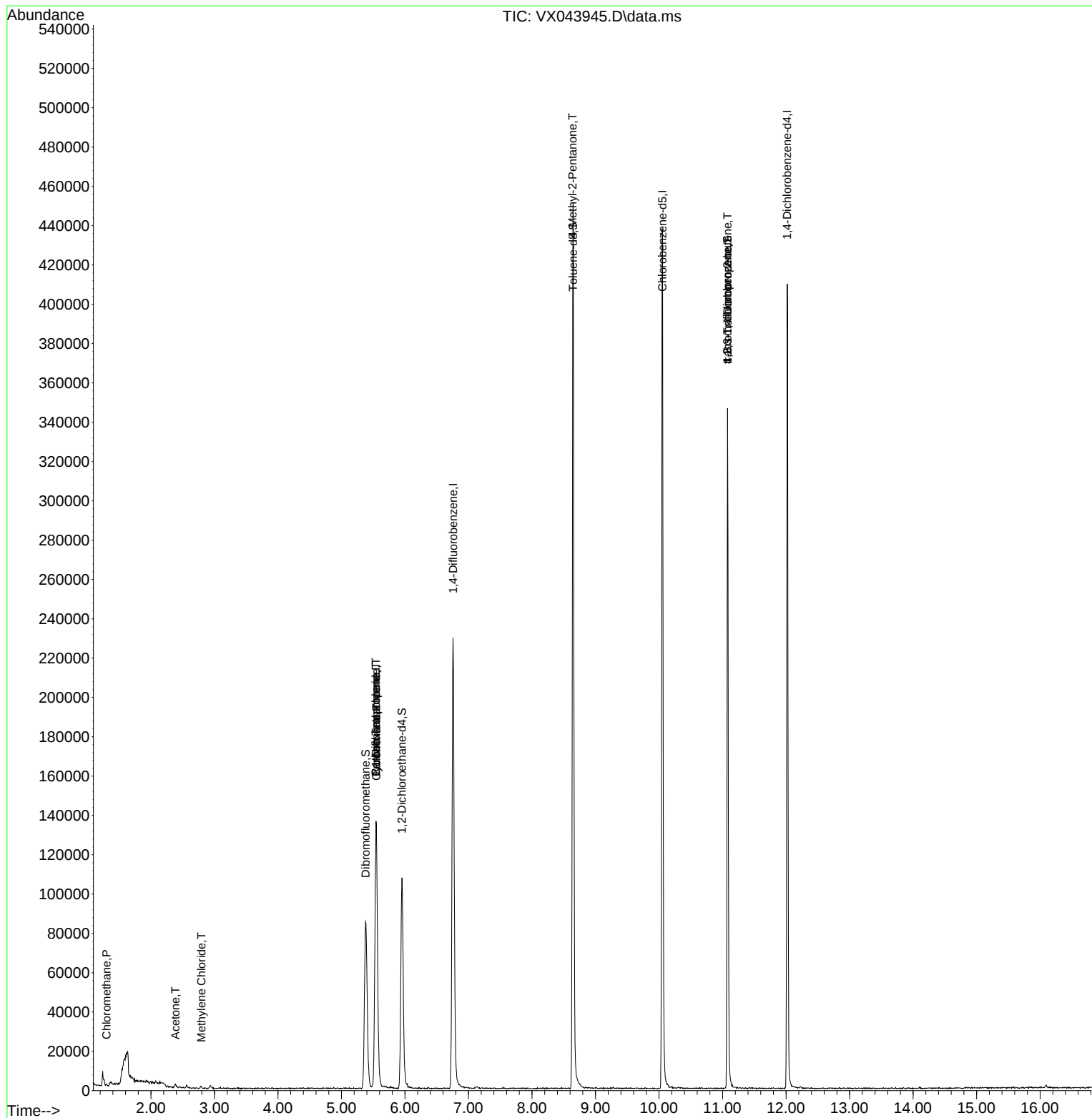
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	456	0.284	ug/l #	42
16) Acetone	2.386	43	1795	1.891	ug/l #	87
20) Methylene Chloride	2.794	84	348	0.216	ug/l #	65
31) Cyclohexane	5.550	56	3389	1.471	ug/l #	57
36) 1,1-Dichloropropene	5.544	75	11360	5.568	ug/l #	49
38) Carbon Tetrachloride	5.544	117	13717	5.983	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	1575	0.640	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52047	29.629	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	52047	80.850	ug/l #	6

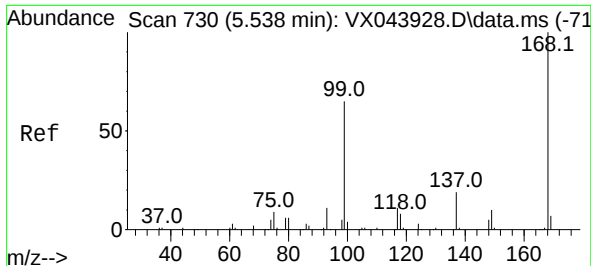
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 22 04:03:46 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration

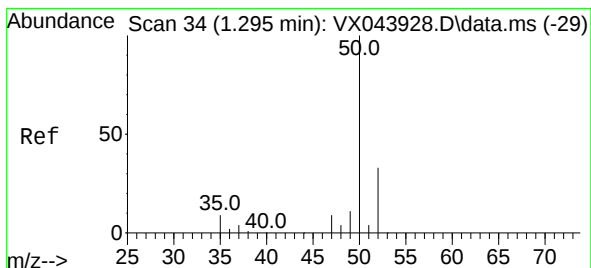
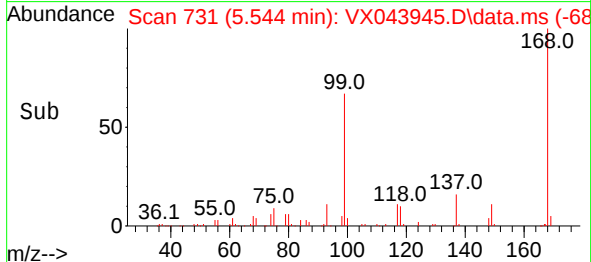
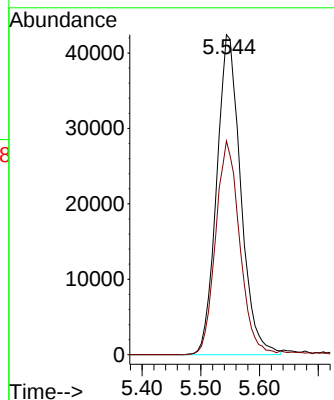
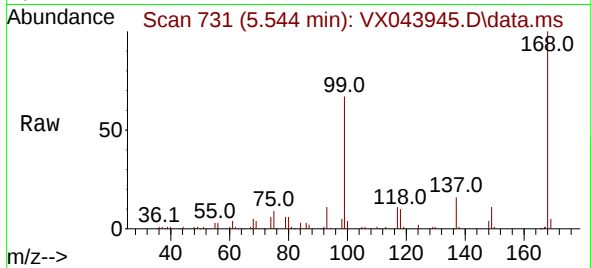




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

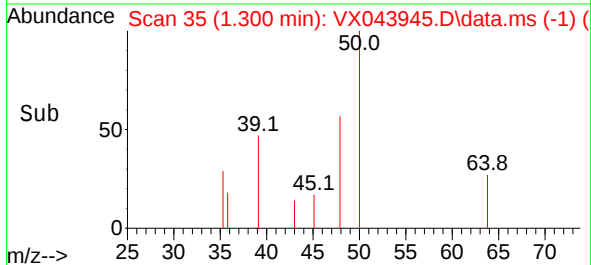
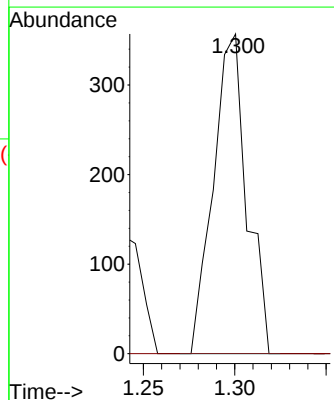
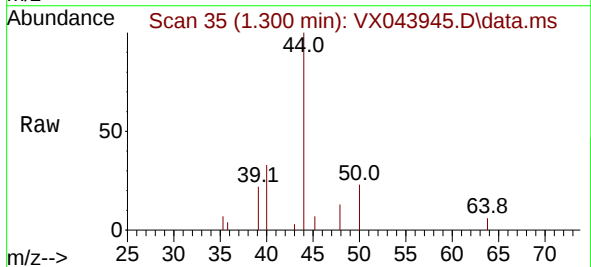
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20241118

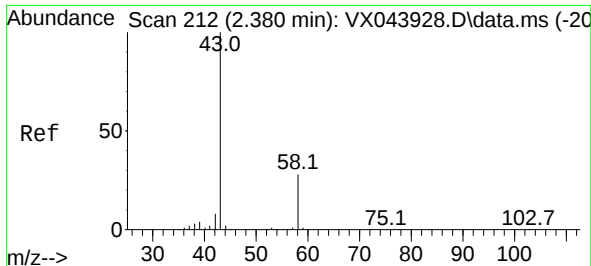
Tgt Ion:168 Resp: 120506
Ion Ratio Lower Upper
168 100
99 66.8 51.8 77.8



#3
Chloromethane
Concen: 0.284 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion: 50 Resp: 456
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

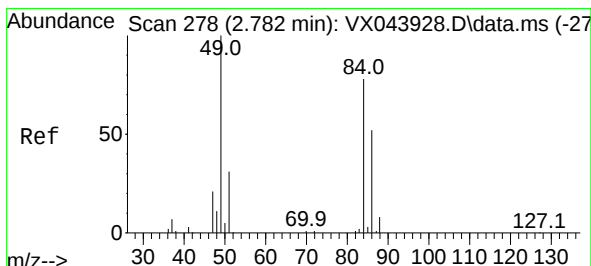
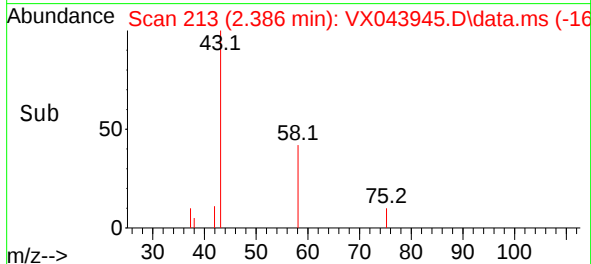
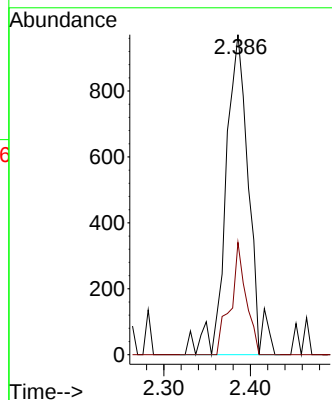
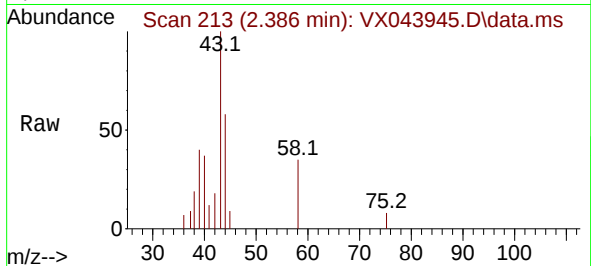




#16
Acetone
Concen: 1.891 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

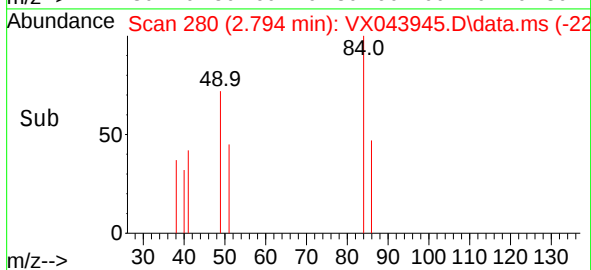
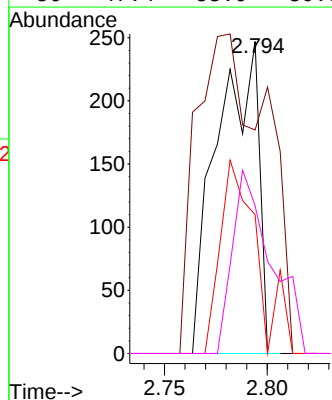
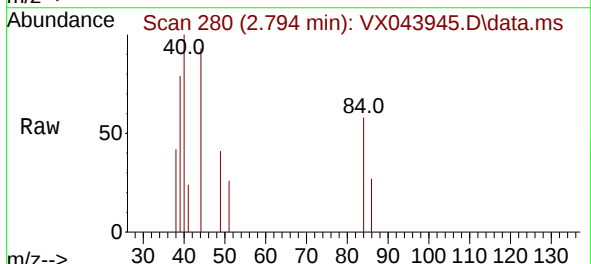
Instrument :
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ClientSampleId :
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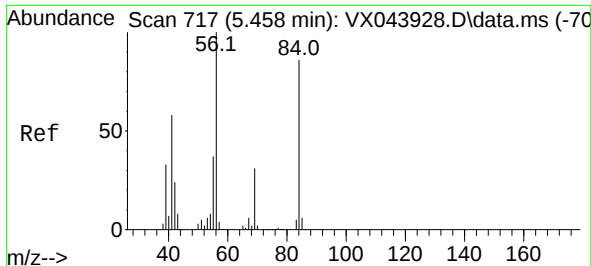
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 35.1 22.7 34.1#



#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion: 84 Resp: 348
Ion Ratio Lower Upper
84 100
49 71.7 102.7 154.1#
51 44.5 31.7 47.5
86 47.4 53.9 80.9#

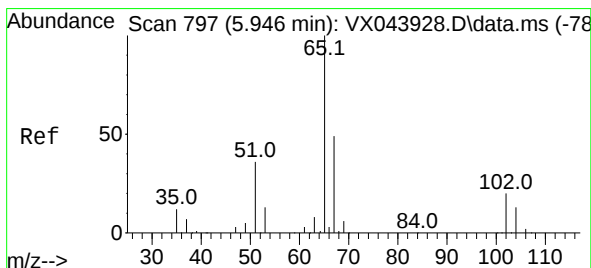
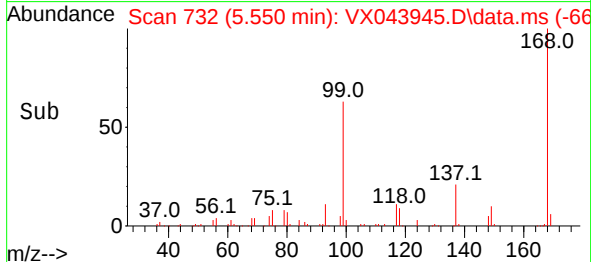
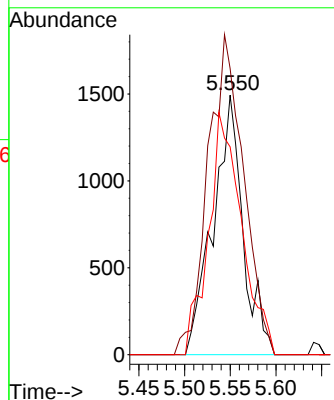
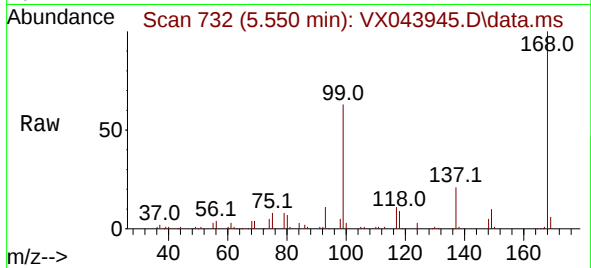




#31
Cyclohexane
Concen: 1.471 ug/l
RT: 5.550 min Scan# 717
Delta R.T. 0.091 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

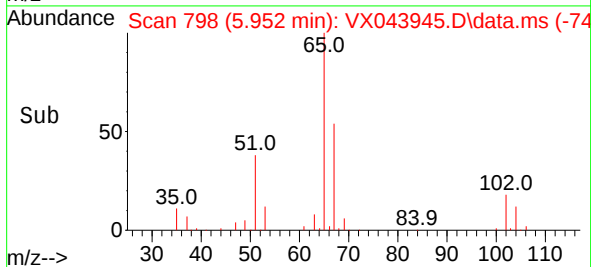
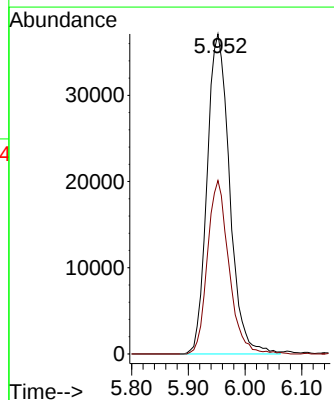
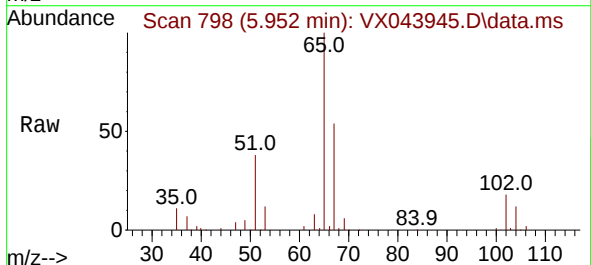
Instrument :
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ClientSampleId :
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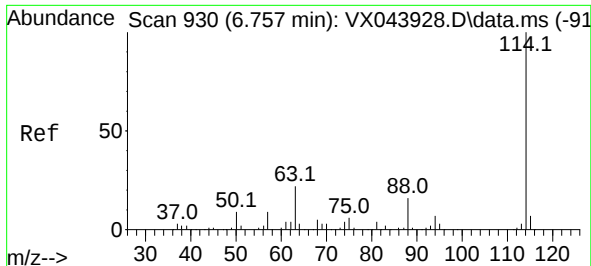
Tgt Ion: 56 Resp: 3389
Ion Ratio Lower Upper
56 100
69 110.3 24.7 37.1#
84 80.1 68.7 103.1



#33
1,2-Dichloroethane-d4
Concen: 49.546 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion: 65 Resp: 102406
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.8

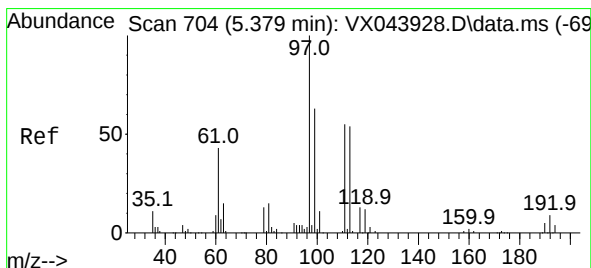
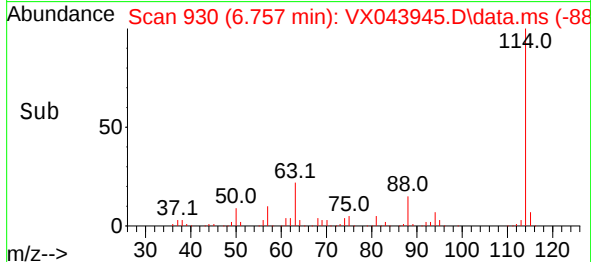
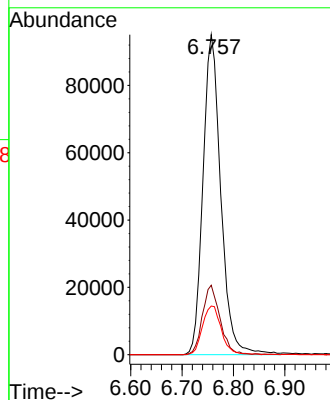
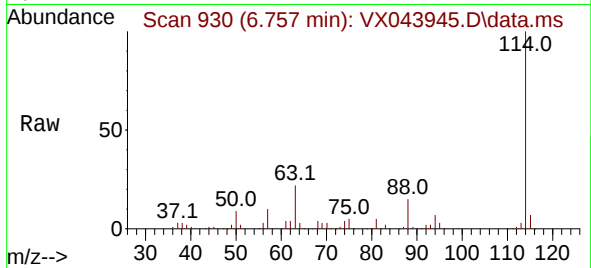




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

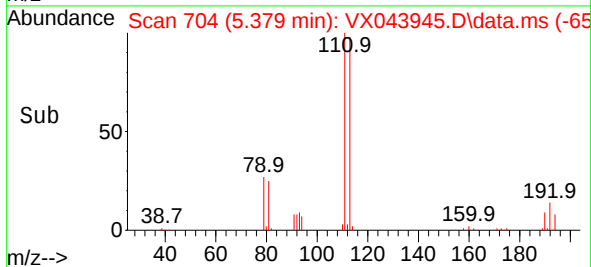
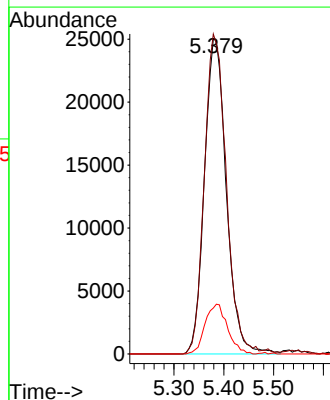
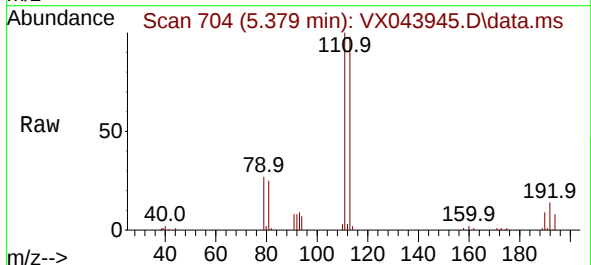
Instrument :
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ClientSampleId :
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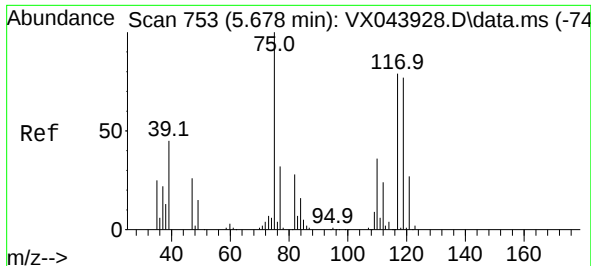
Tgt Ion:114 Resp: 229149
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 15.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 46.714 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion:113 Resp: 76489
Ion Ratio Lower Upper
113 100
111 101.3 81.0 121.4
192 16.1 13.0 19.6

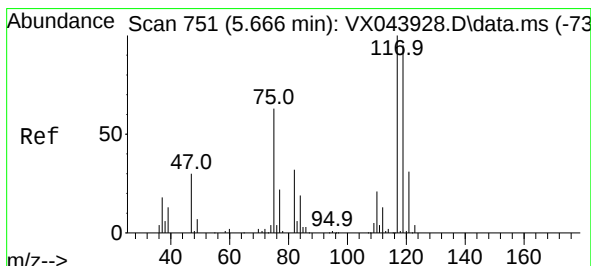
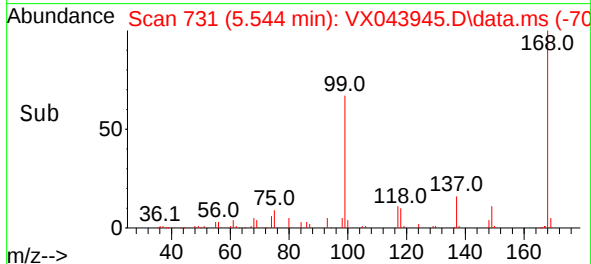
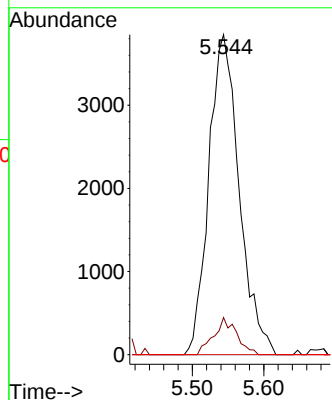
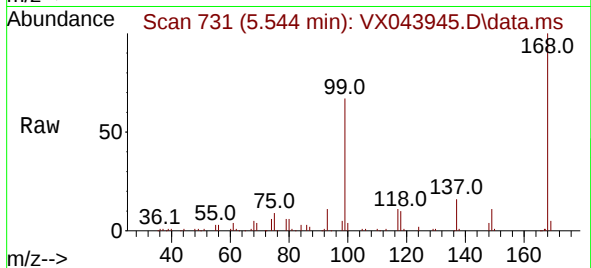




#36
1,1-Dichloropropene
Concen: 5.568 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

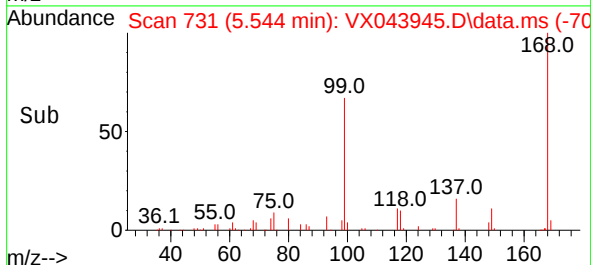
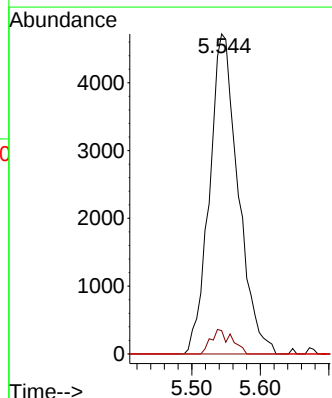
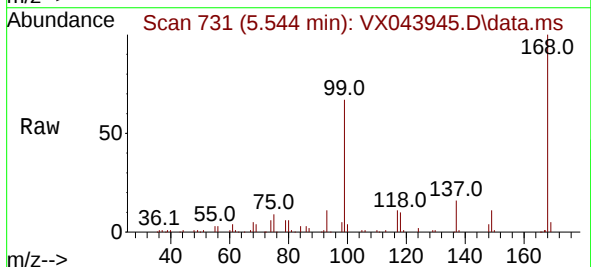
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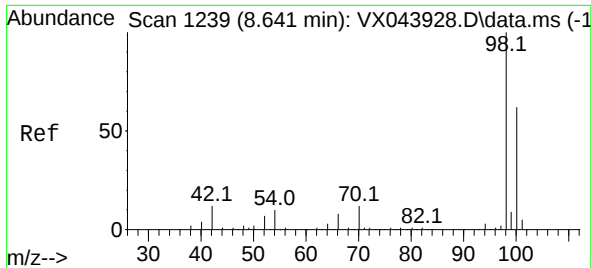
Tgt Ion: 75 Resp: 11360
Ion Ratio Lower Upper
75 100
110 8.7 17.4 52.2#
77 0.0 25.8 38.8#



#38
Carbon Tetrachloride
Concen: 5.983 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.122 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion: 117 Resp: 13717
Ion Ratio Lower Upper
117 100
119 7.3 75.2 112.8#
121 0.0 24.5 36.7#

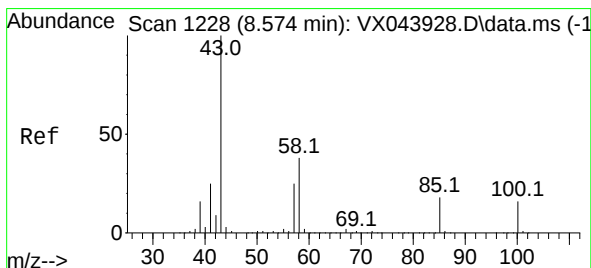
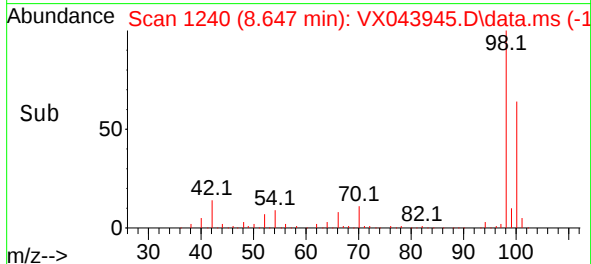
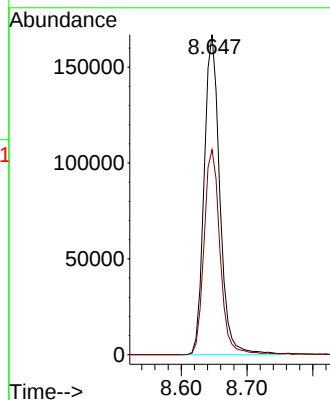
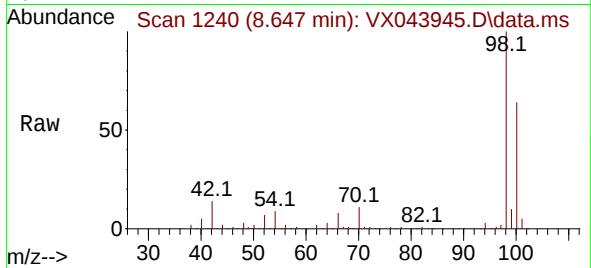




#50
Toluene-d8
Concen: 49.063 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

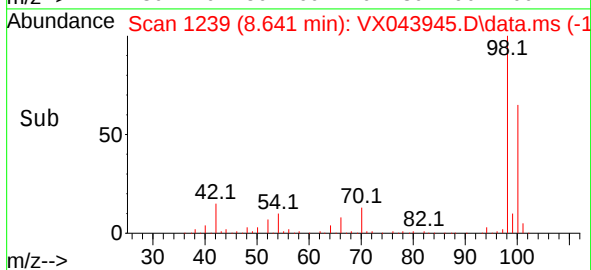
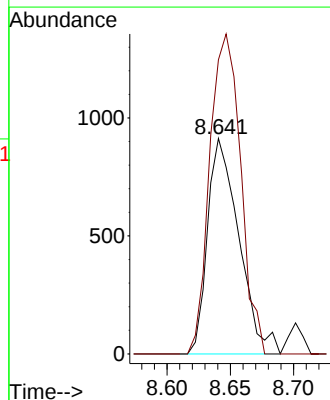
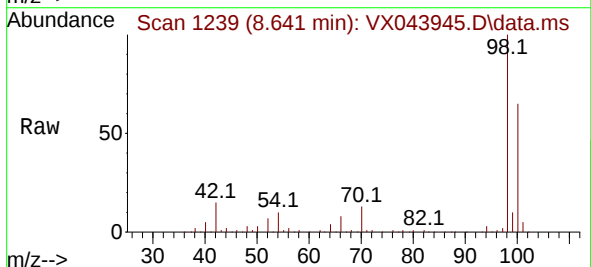
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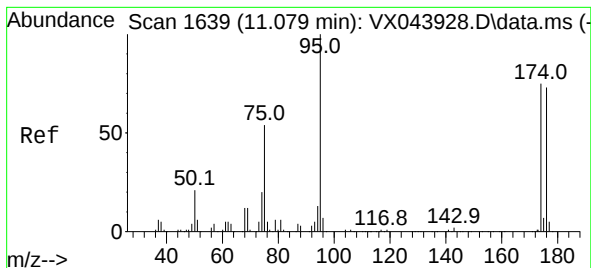
Tgt Ion: 98 Resp: 276924
Ion Ratio Lower Upper
98 100
100 65.6 52.6 79.0



#51
4-Methyl-2-Pentanone
Concen: 0.640 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion: 43 Resp: 1575
Ion Ratio Lower Upper
43 100
58 146.4 30.0 45.0#

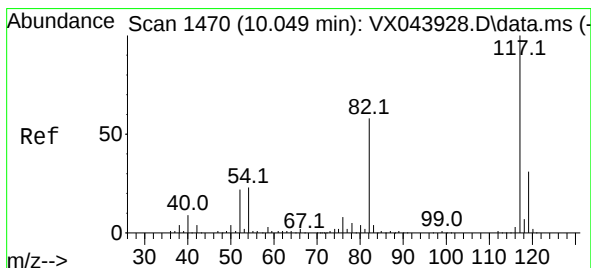
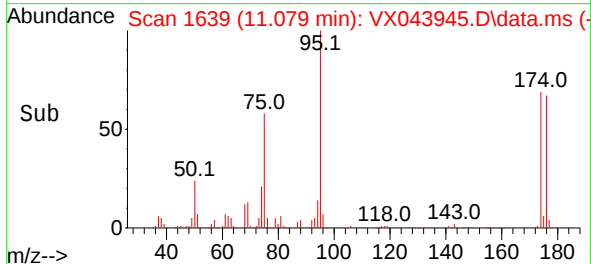
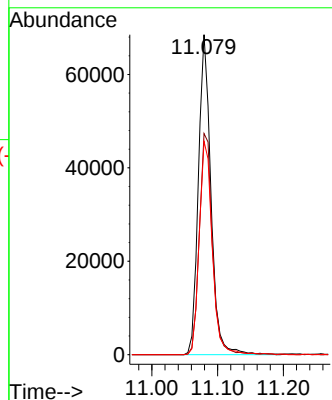
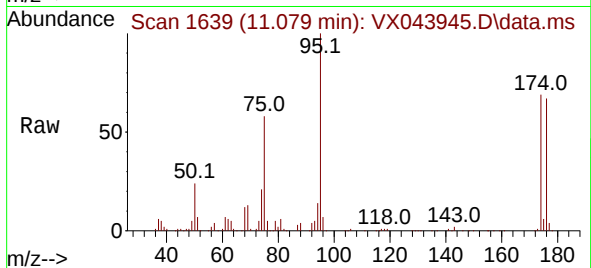




#62
4-Bromofluorobenzene
Concen: 47.102 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

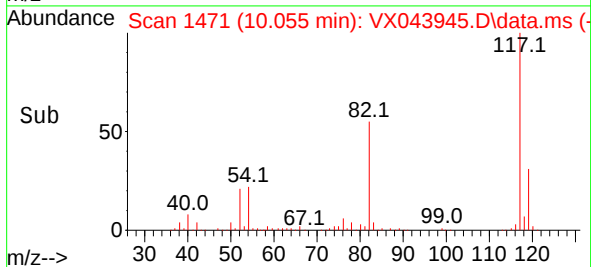
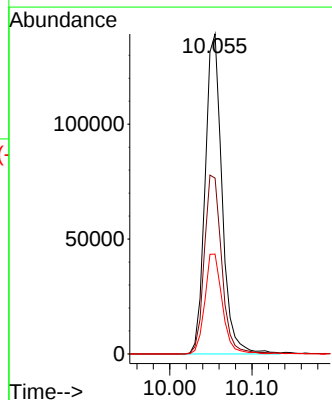
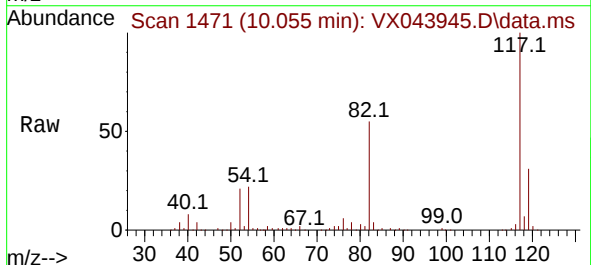
Instrument :
MSVOA_X
ClientSampleId :
DUP01-20241118

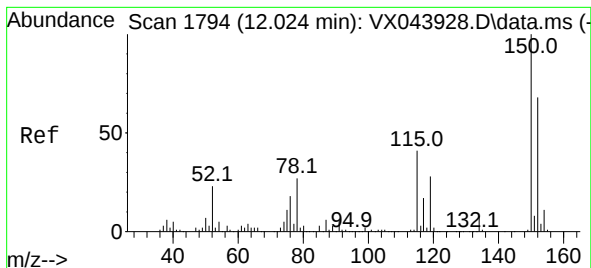
Tgt Ion: 95 Resp: 90477
Ion Ratio Lower Upper
95 100
174 72.2 0.0 150.4
176 69.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX043945.D
Acq: 21 Nov 2024 19:09

Tgt Ion:117 Resp: 199026
Ion Ratio Lower Upper
117 100
82 54.9 46.4 69.6
119 31.2 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX043945.D

Acq: 21 Nov 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

DUP01-20241118

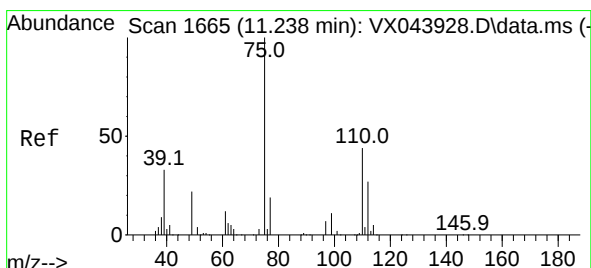
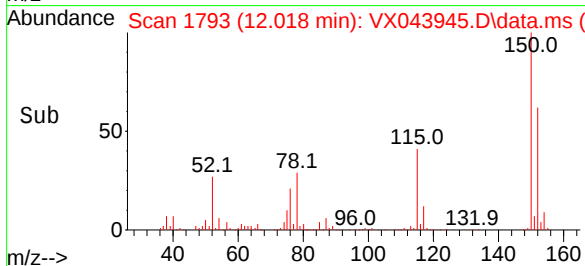
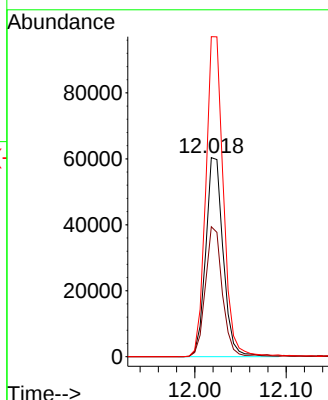
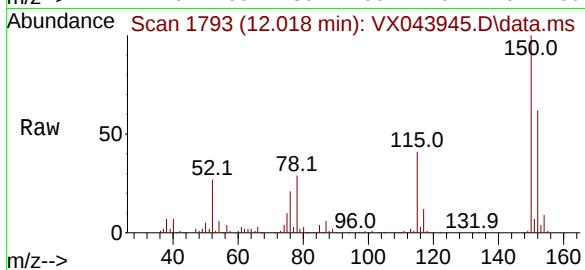
Tgt Ion:152 Resp: 80102

Ion Ratio Lower Upper

152 100

115 63.7 45.4 136.2

150 161.8 0.0 353.0



#76

1,2,3-Trichloropropane

Concen: 29.629 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043945.D

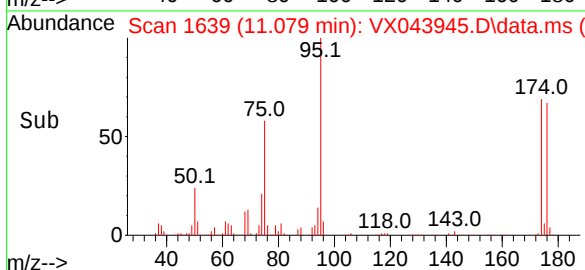
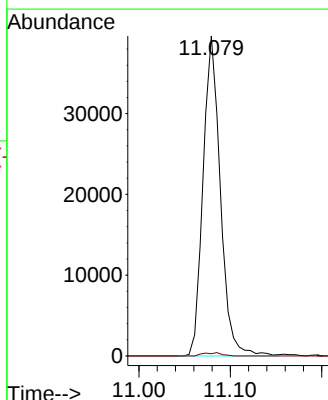
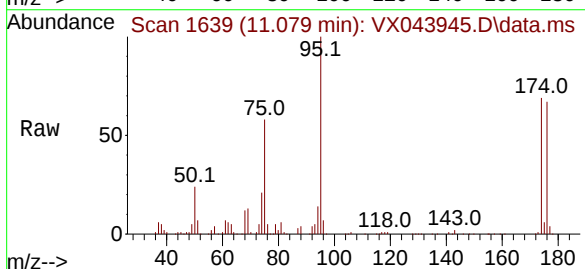
Acq: 21 Nov 2024 19:09

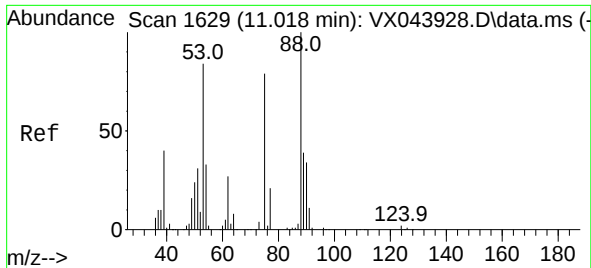
Tgt Ion: 75 Resp: 52047

Ion Ratio Lower Upper

75 100

77 1.1 21.8 65.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.850 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043945.D
 Acq: 21 Nov 2024 19:09

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP01-20241118

Tgt Ion: 75 Resp: 52047
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.7 130.1#
 89 0.0 38.2 57.2#

