

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045259.D
 Acq On : 13 Mar 2025 11:15
 Operator : JC/MD
 Sample : VX0313WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0313WBL01

Quant Time: Mar 14 12:27:01 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)

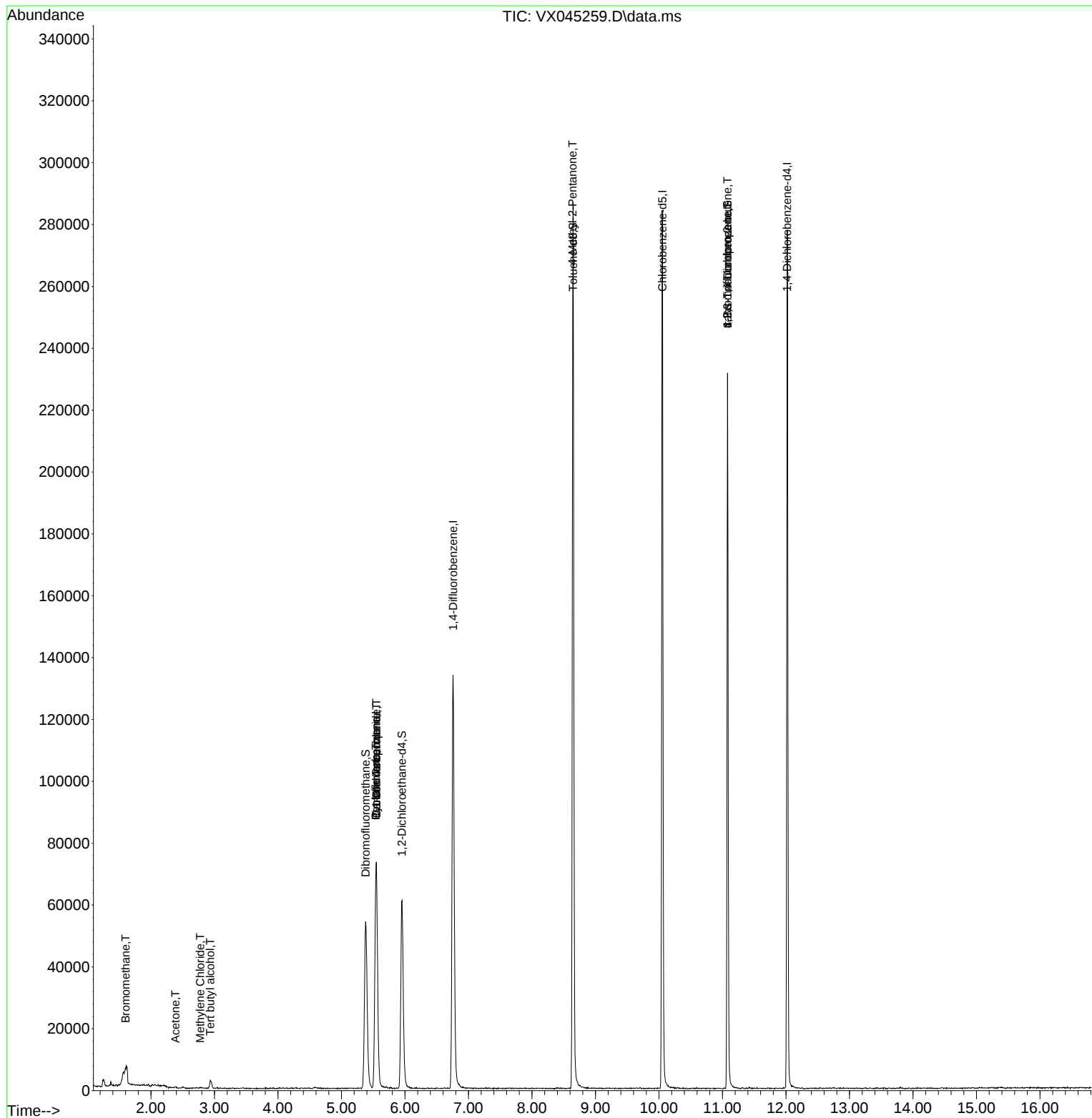
Internal Standards						
1) Pentafluorobenzene	5.544	168	67746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123621	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59038	54.787	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.580%			
35) Dibromofluoromethane	5.379	113	47167	52.804	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	8.647	98	166229	51.331	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.660%			
62) 4-Bromofluorobenzene	11.079	95	58888	54.877	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.760%			
Target Compounds						Qvalue
5) Bromomethane	1.599	94	123	0.302	ug/l	99
11) Tert butyl alcohol	2.934	59	1495	7.324	ug/l #	73
16) Acetone	2.386	43	427	0.854	ug/l #	44
20) Methylene Chloride	2.776	84	210	0.212	ug/l #	42
31) Cyclohexane	5.544	56	1960	1.337	ug/l #	50
36) 1,1-Dichloropropene	5.550	75	6300	5.143	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7315	5.882	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	874	0.558	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31803	26.533	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31803	90.801	ug/l #	6

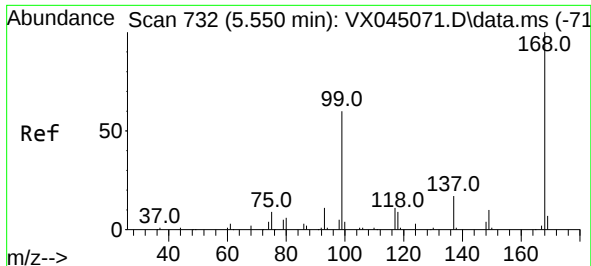
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0313WBL01

Quant Time: Mar 14 12:27:01 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

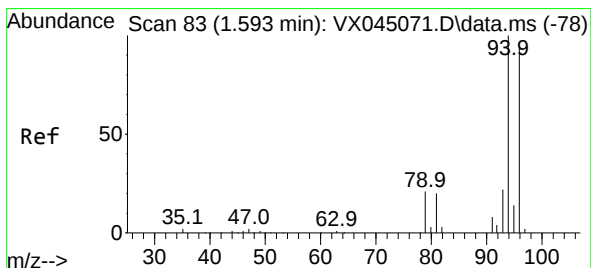
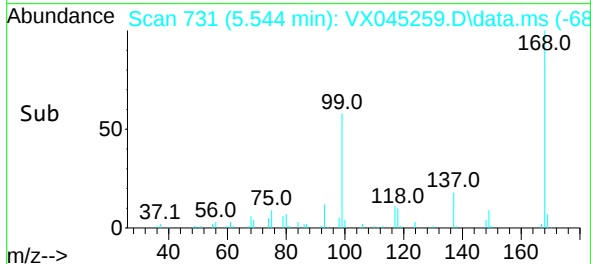
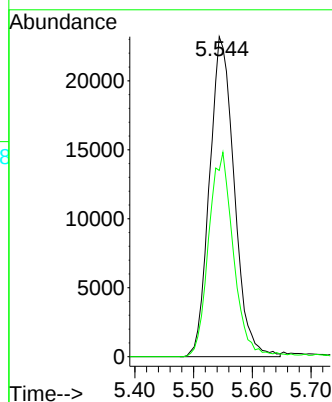
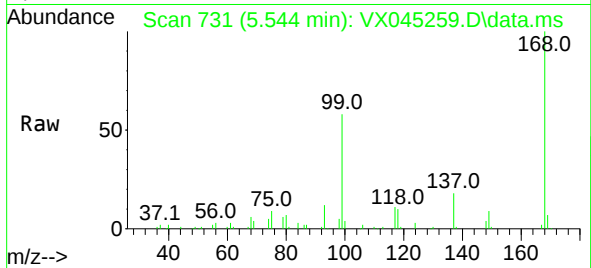




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

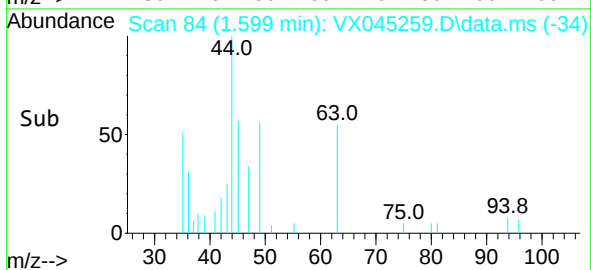
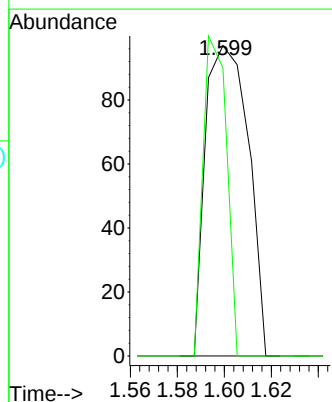
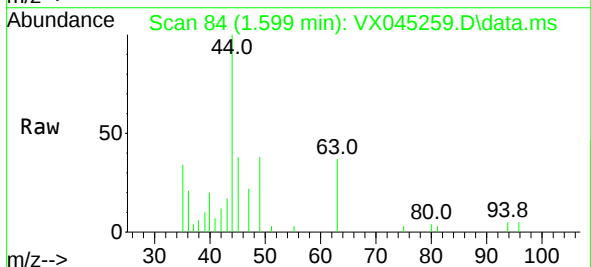
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

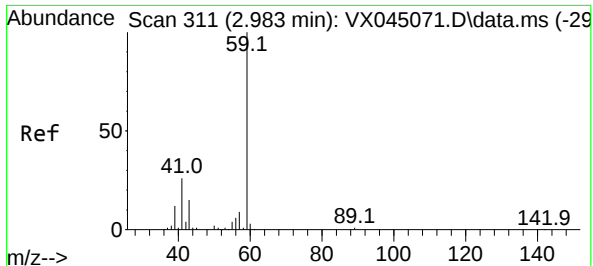
Tgt Ion:168 Resp: 67746
Ion Ratio Lower Upper
168 100
99 58.2 48.2 72.4



#5
Bromomethane
Concen: 0.302 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion: 94 Resp: 123
Ion Ratio Lower Upper
94 100
96 92.8 75.0 112.4





#11

Tert butyl alcohol

Concen: 7.324 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

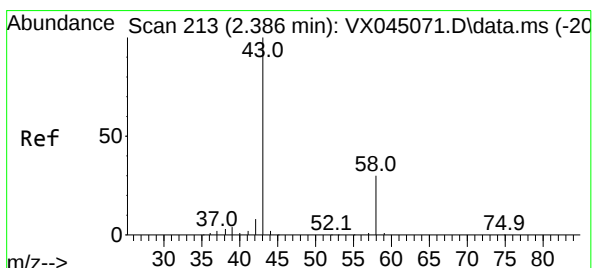
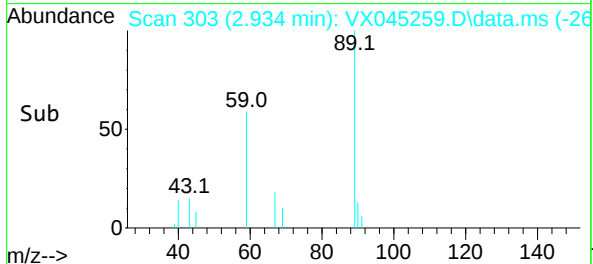
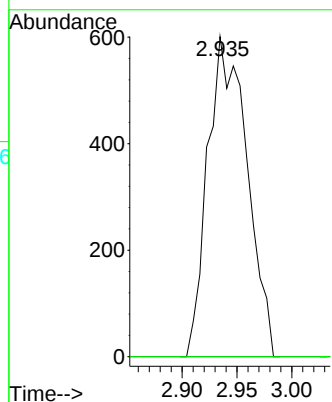
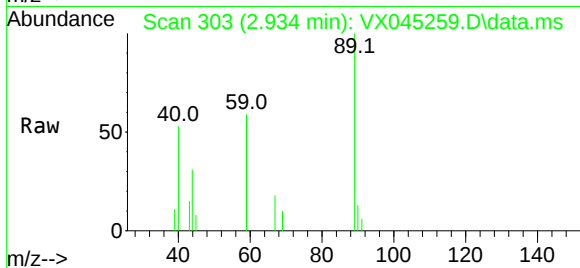
VX0313WBL01

Tgt Ion: 59 Resp: 1495

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.854 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.000 min

Lab File: VX045259.D

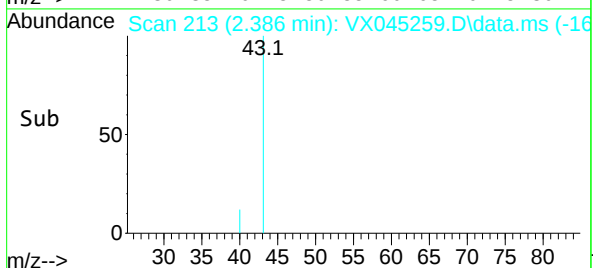
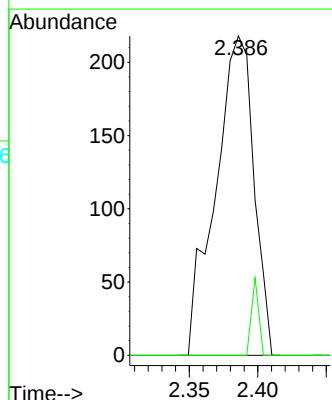
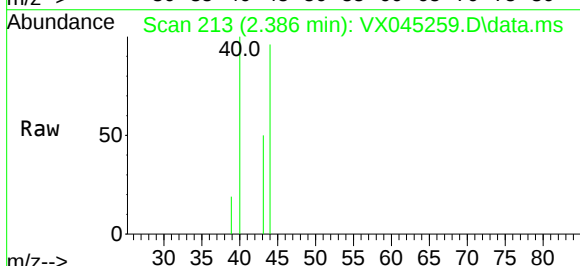
Acq: 13 Mar 2025 11:15

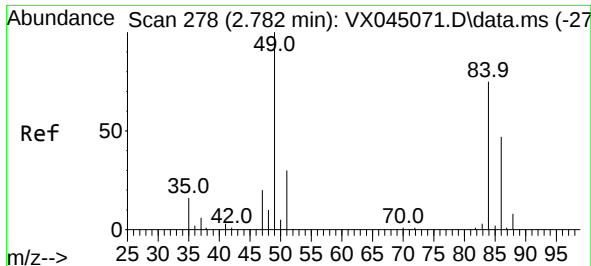
Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#





#20

Methylene Chloride

Concen: 0.212 ug/l

RT: 2.776 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

Tgt Ion: 84 Resp: 210

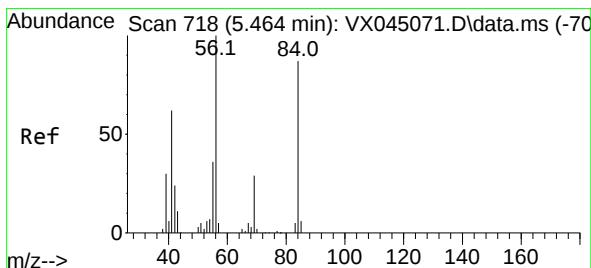
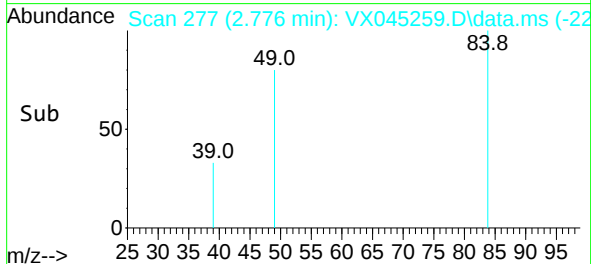
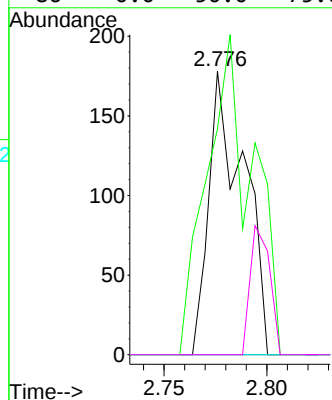
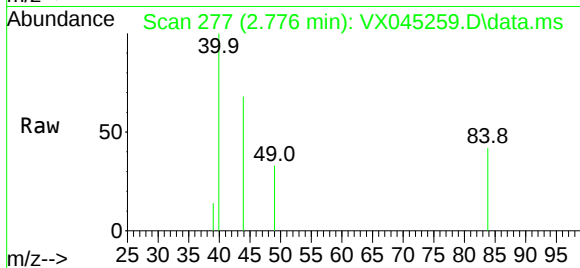
Ion Ratio Lower Upper

84 100

49 79.8 106.5 159.7#

51 0.0 32.1 48.1#

86 0.0 50.0 75.0#



#31

Cyclohexane

Concen: 1.337 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.079 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

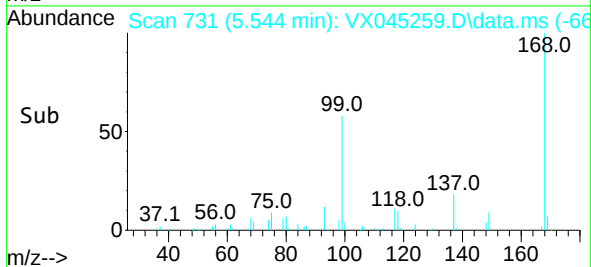
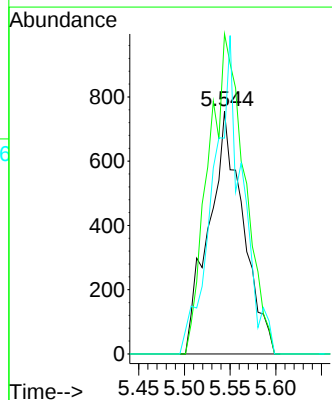
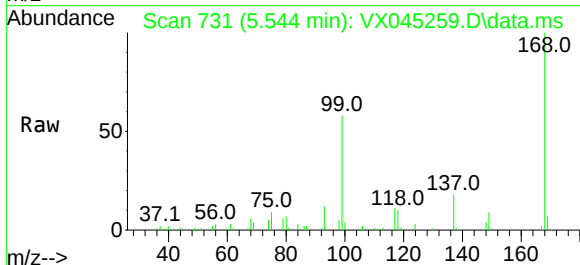
Tgt Ion: 56 Resp: 1960

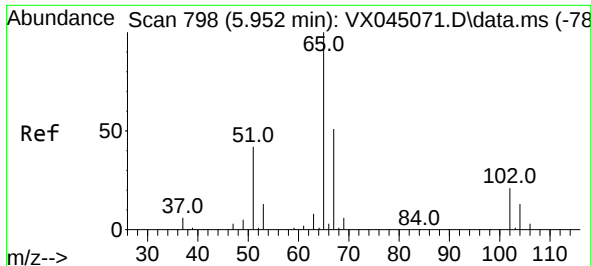
Ion Ratio Lower Upper

56 100

69 131.9 23.4 35.2#

84 89.0 69.4 104.2





#33

1,2-Dichloroethane-d4

Concen: 54.787 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

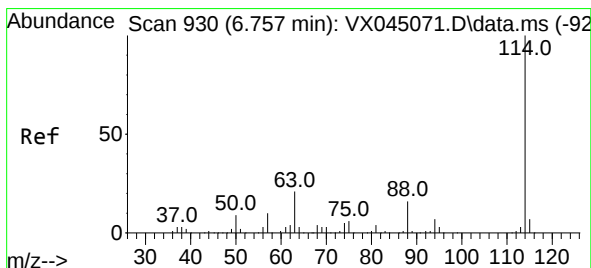
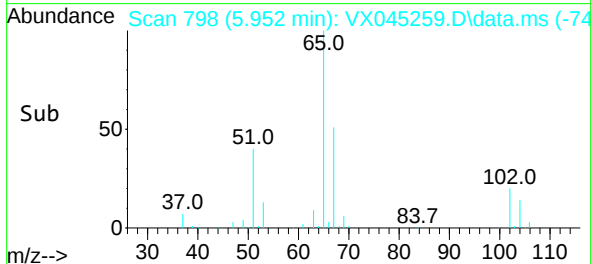
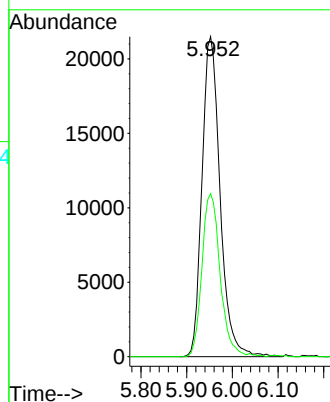
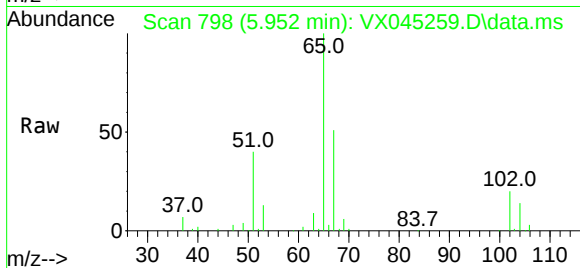
VX0313WBL01

Tgt Ion: 65 Resp: 59038

Ion Ratio Lower Upper

65 100

67 50.9 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

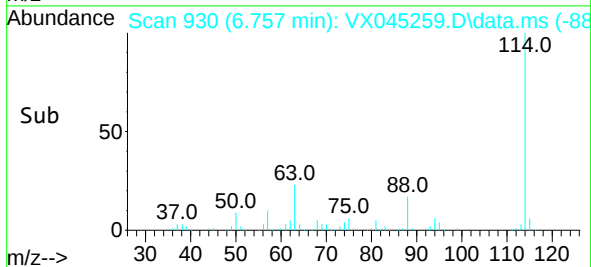
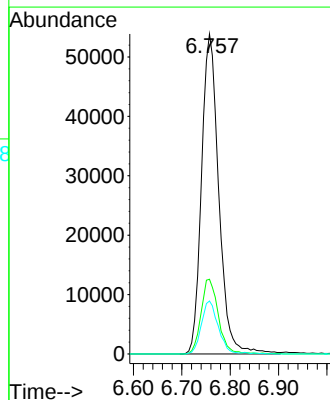
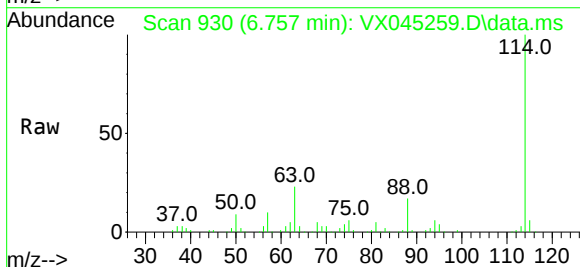
Tgt Ion: 114 Resp: 133586

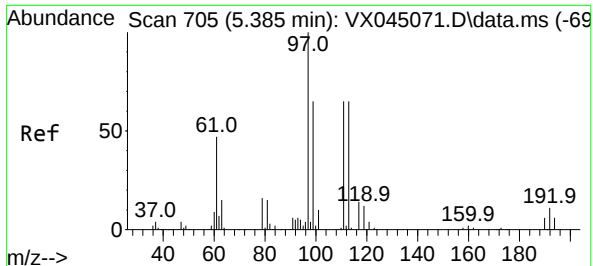
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.804 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.006 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

Instrument :

MSVOA_X

ClientSampleId :

VX0313WBL01

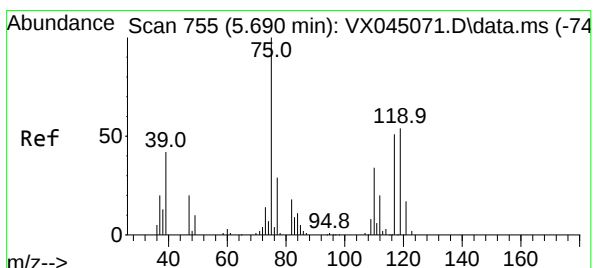
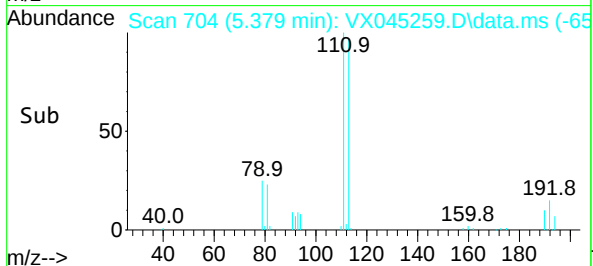
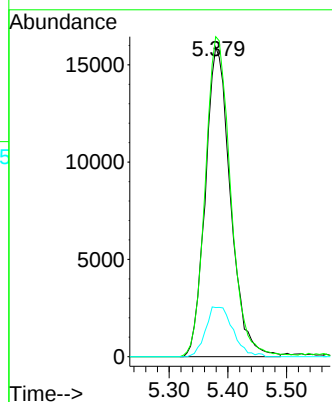
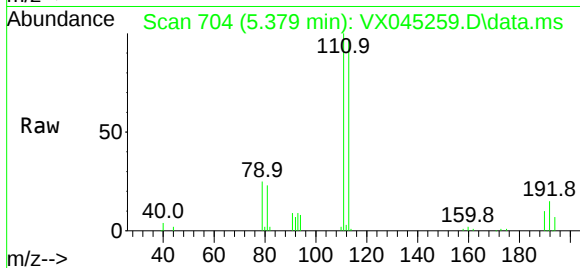
Tgt Ion:113 Resp: 47167

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.6

192 17.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.143 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX045259.D

Acq: 13 Mar 2025 11:15

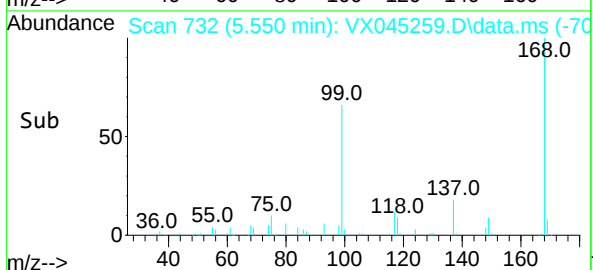
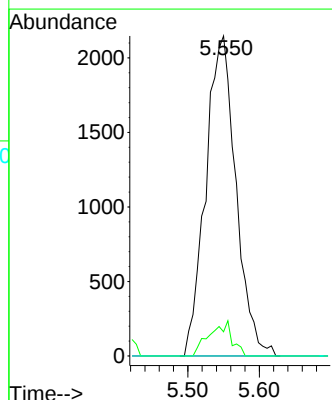
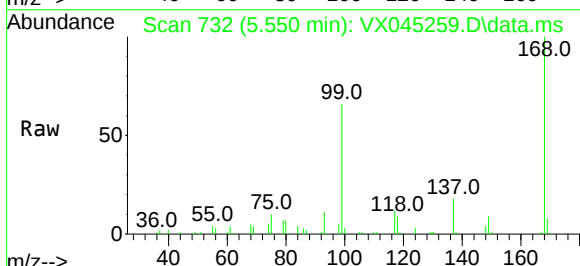
Tgt Ion: 75 Resp: 6300

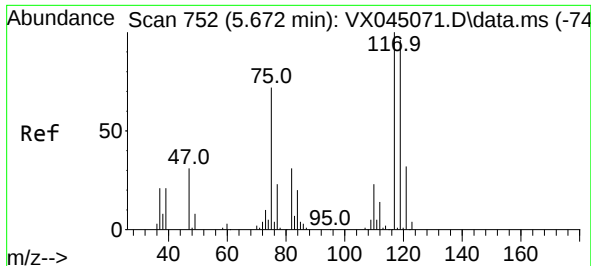
Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.6#

77 0.0 24.5 36.7#

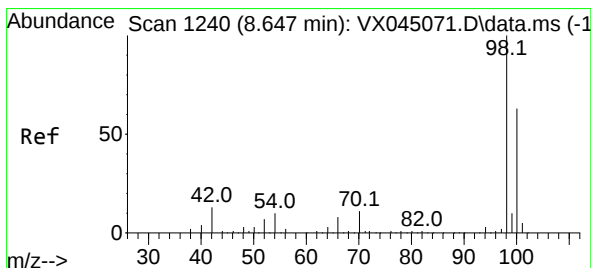
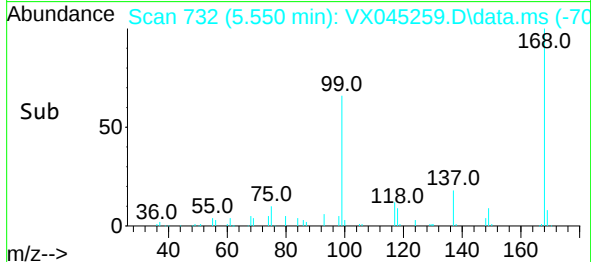
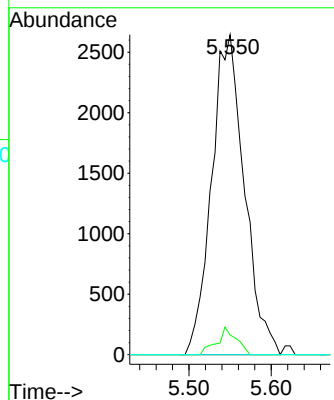
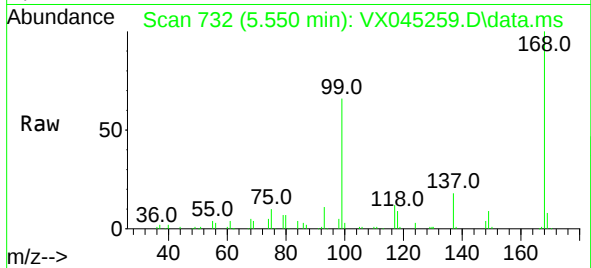




#38
Carbon Tetrachloride
Concen: 5.882 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

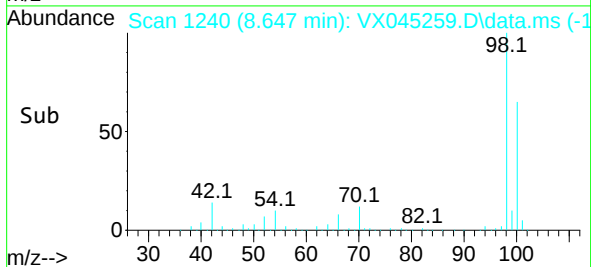
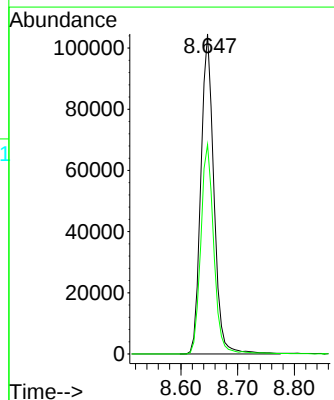
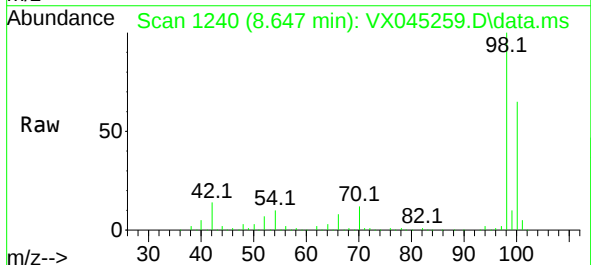
Instrument :
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VX0313WBL01

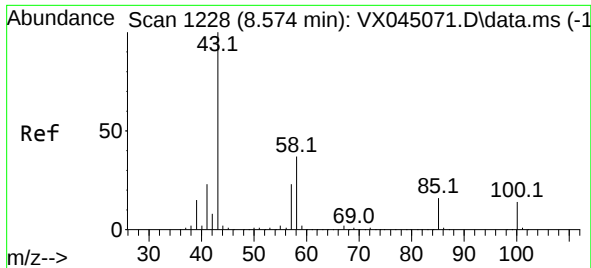
Tgt Ion:117 Resp: 7315
Ion Ratio Lower Upper
117 100
119 6.2 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.331 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion: 98 Resp: 166229
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

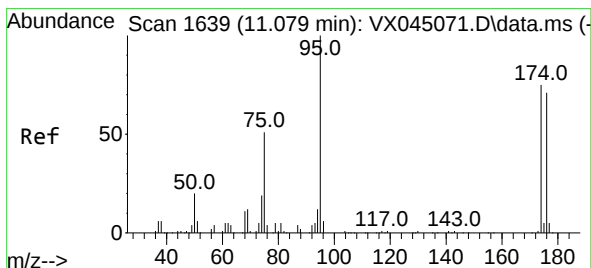
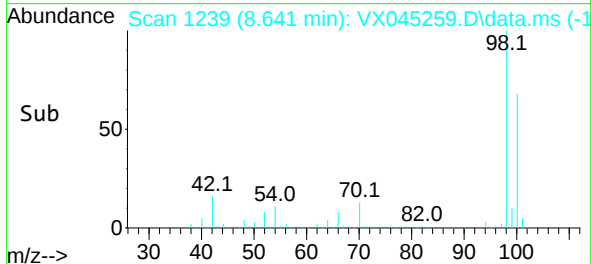
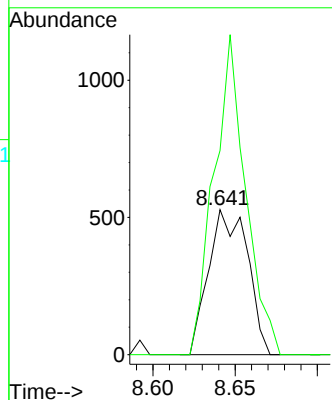
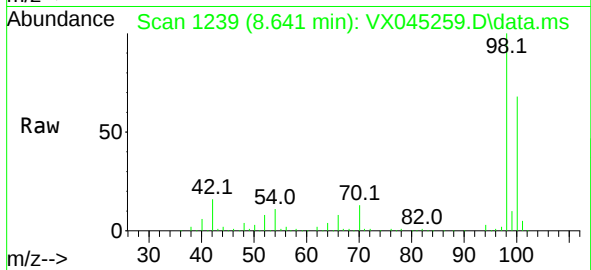




#51
4-Methyl-2-Pentanone
Concen: 0.558 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

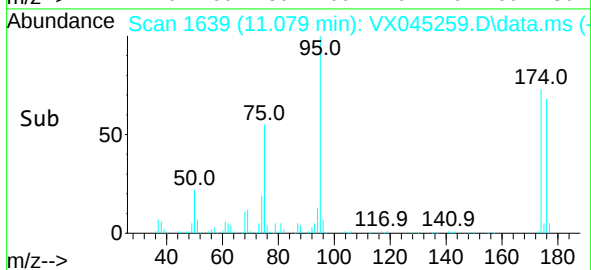
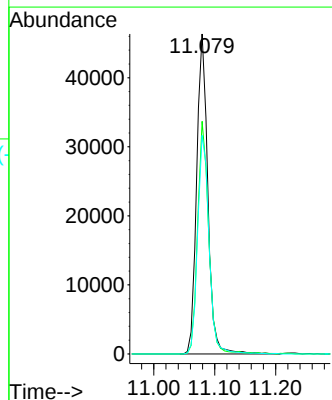
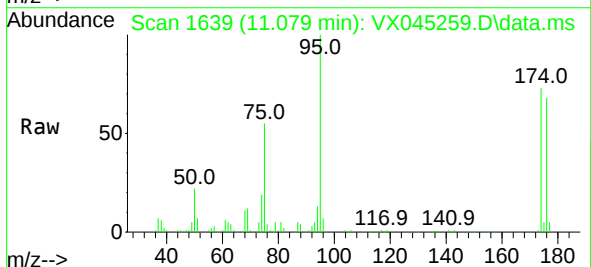
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

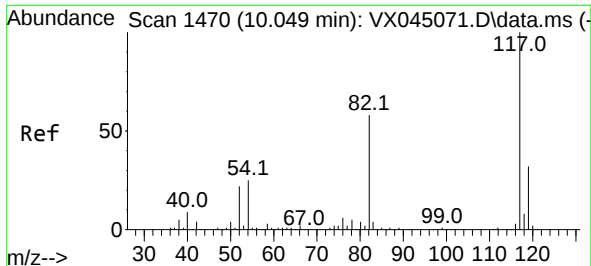
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 179.2 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 54.877 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion: 95 Resp: 58888
Ion Ratio Lower Upper
95 100
174 72.1 0.0 148.2
176 69.9 0.0 141.4

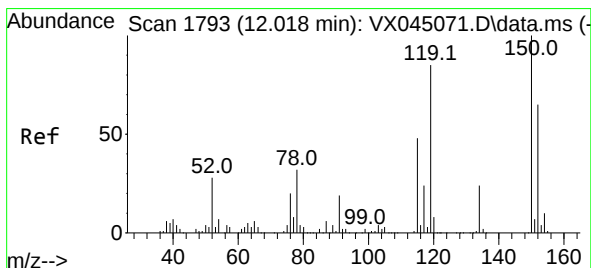
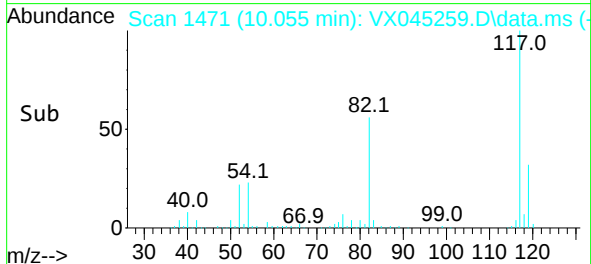
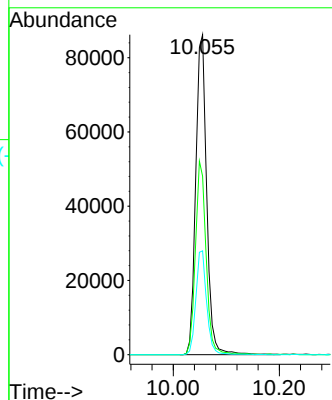
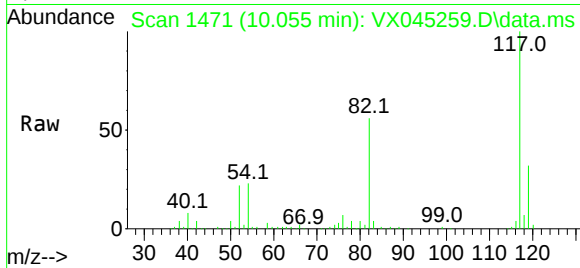




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

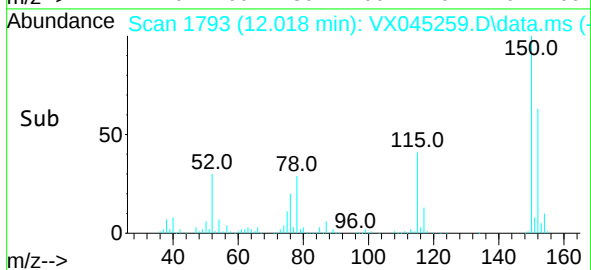
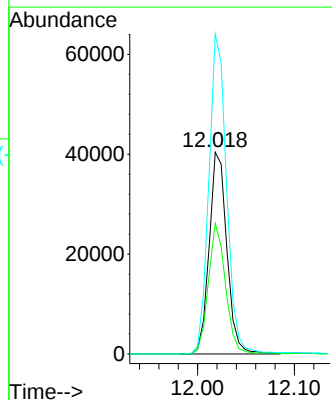
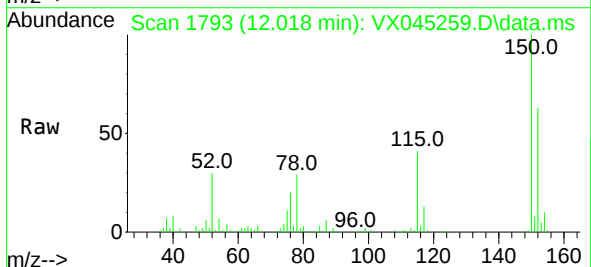
Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

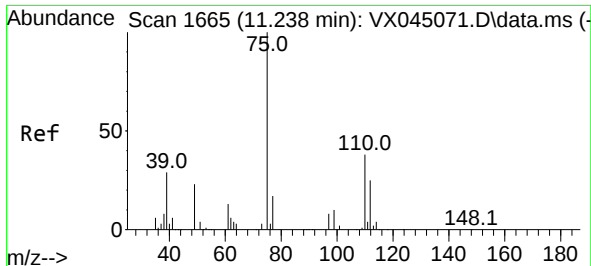
Tgt Ion:117 Resp: 123621
Ion Ratio Lower Upper
117 100
82 55.8 46.3 69.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion:152 Resp: 51498
Ion Ratio Lower Upper
152 100
115 62.9 44.2 132.6
150 159.8 0.0 349.0

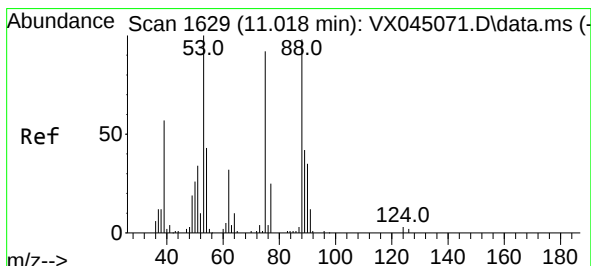
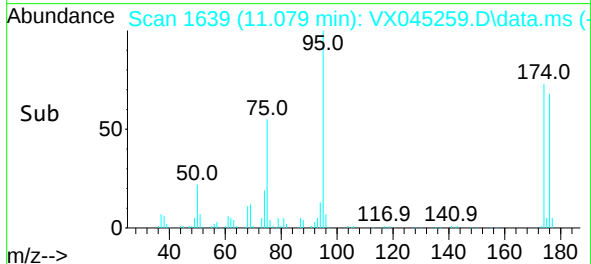
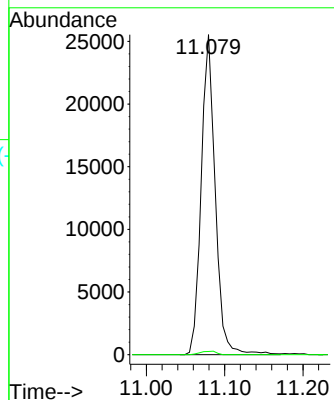
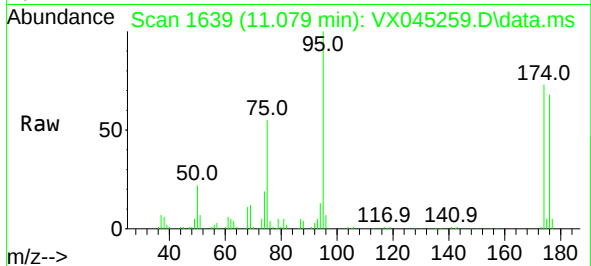




#76
1,2,3-Trichloropropane
Concen: 26.533 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Instrument :
MSVOA_X
ClientSampleId :
VX0313WBL01

Tgt Ion: 75 Resp: 31803
Ion Ratio Lower Upper
75 100
77 1.3 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045259.D
Acq: 13 Mar 2025 11:15

Tgt Ion: 75 Resp: 31803
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

