

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032025\
 Data File : VX045349.D
 Acq On : 20 Mar 2025 10:29
 Operator : JC/MD
 Sample : VX0320WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL01

Quant Time: Mar 21 01:42:19 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)

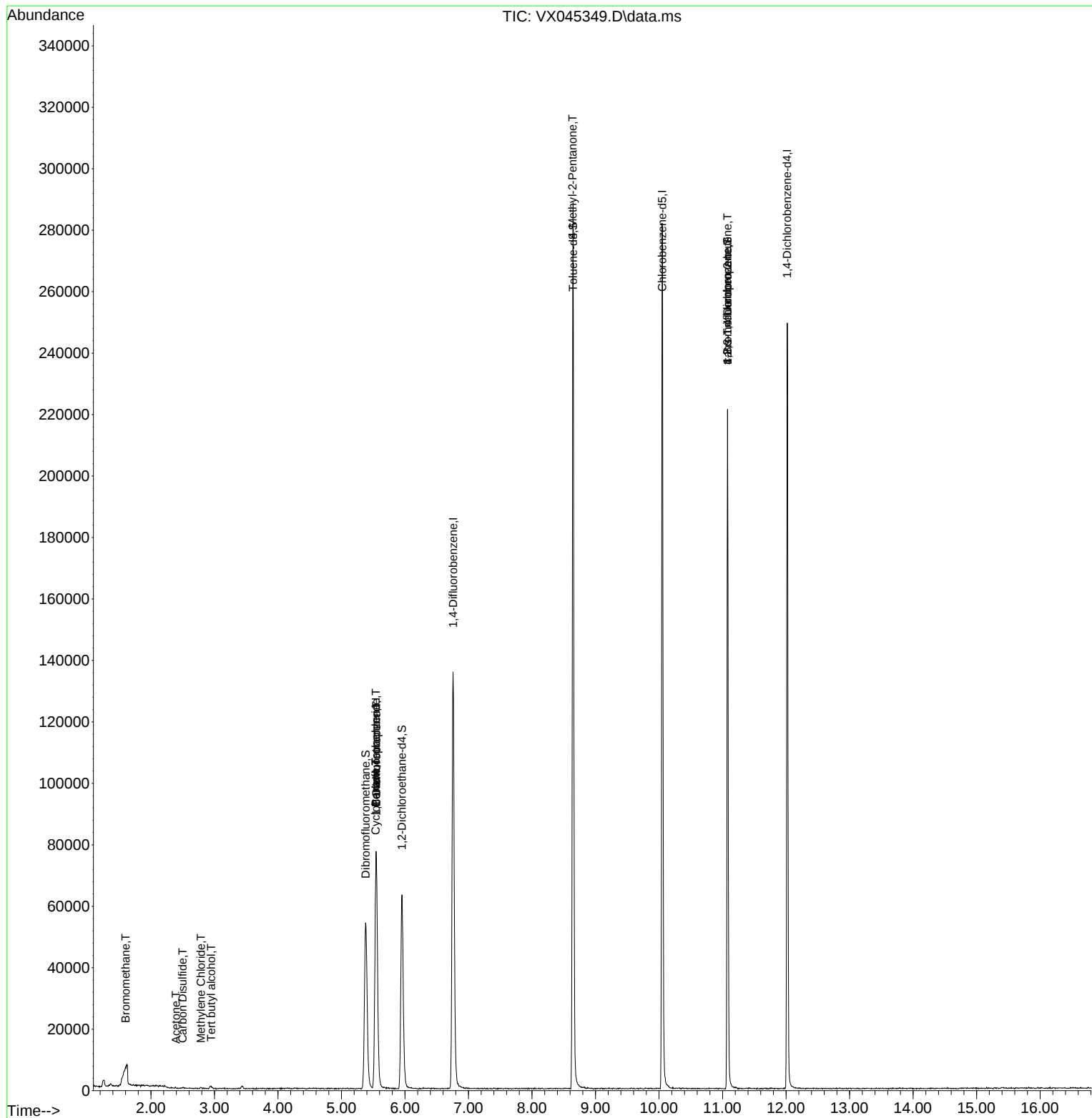
Internal Standards						
1) Pentafluorobenzene	5.544	168	67796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61741	57.253	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.500%
35) Dibromofluoromethane	5.379	113	47374	53.069	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.140%
50) Toluene-d8	8.647	98	165758	51.219	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.440%
62) 4-Bromofluorobenzene	11.079	95	55720	51.958	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.920%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	158	0.388	ug/l #	68
11) Tert butyl alcohol	2.947	59	439	2.149	ug/l #	73
16) Acetone	2.392	43	211	0.422	ug/l	100
17) Carbon Disulfide	2.495	76	445	0.201	ug/l #	77
20) Methylene Chloride	2.788	84	232	0.234	ug/l #	64
31) Cyclohexane	5.538	56	930	0.634	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	6460	5.277	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7588	6.105	ug/l #	21
51) 4-Methyl-2-Pentanone	8.641	43	945	0.603	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31827	28.826	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31827	98.648	ug/l #	6

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

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Sample : VX0320WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

Quant Time: Mar 21 01:42:19 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

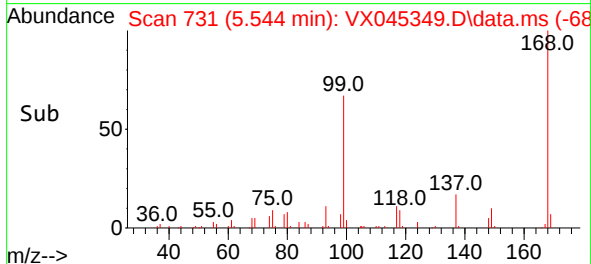
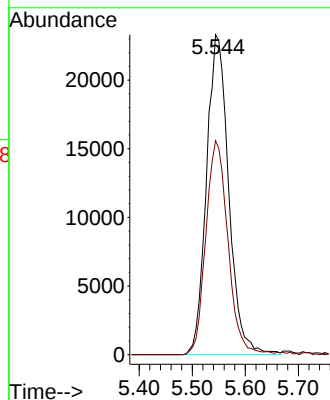
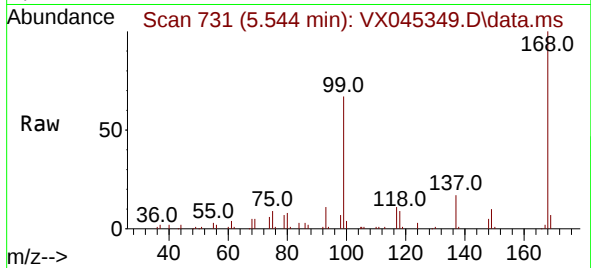




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

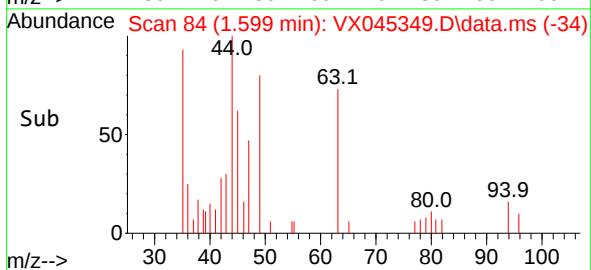
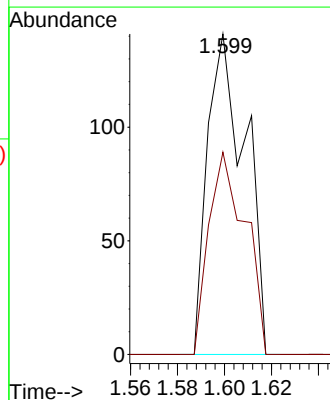
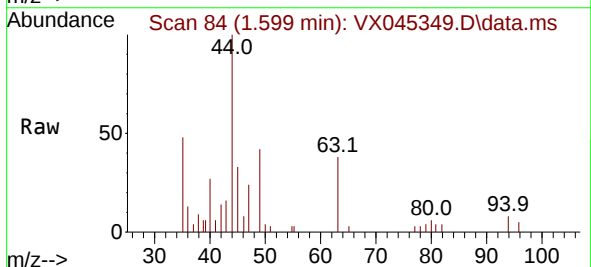
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

Tgt Ion:168 Resp: 67796
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#5
Bromomethane
Concen: 0.388 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 63.1 75.0 112.4#





#11

Tert butyl alcohol

Concen: 2.149 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.037 min

Lab File: VX045349.D

Acq: 20 Mar 2025 10:29

Instrument :

MSVOA_X

ClientSampleId :

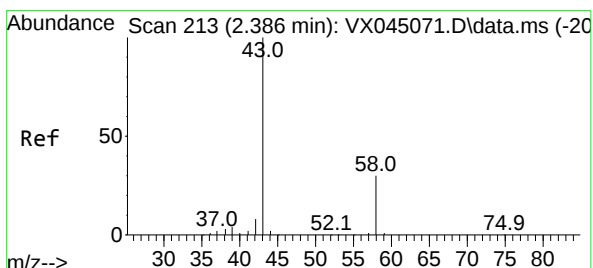
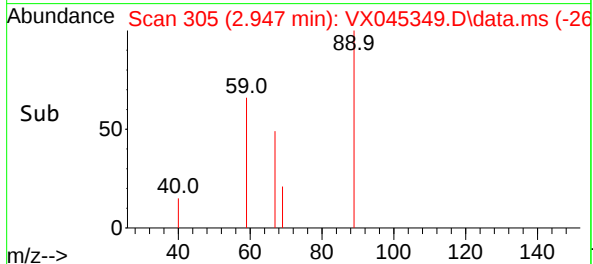
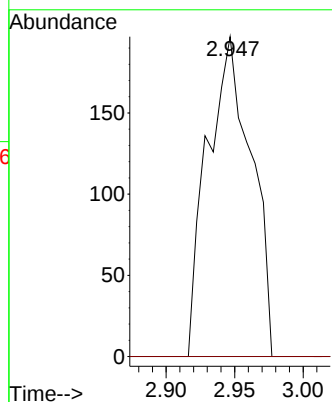
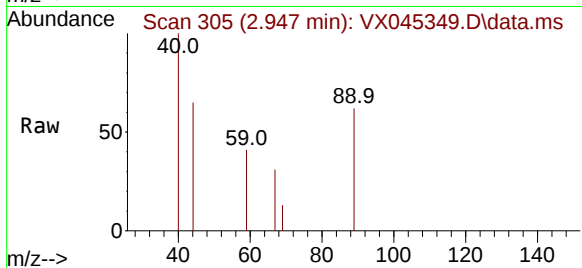
VX0320WBL01

Tgt Ion: 59 Resp: 439

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.422 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045349.D

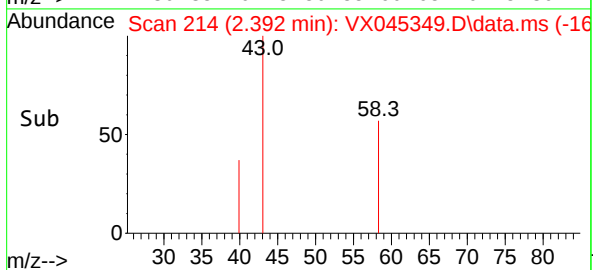
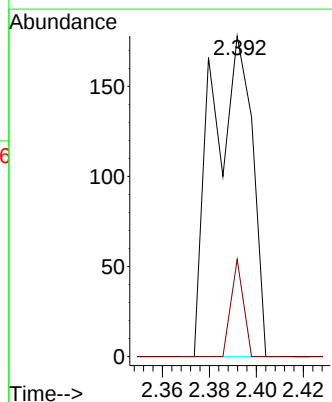
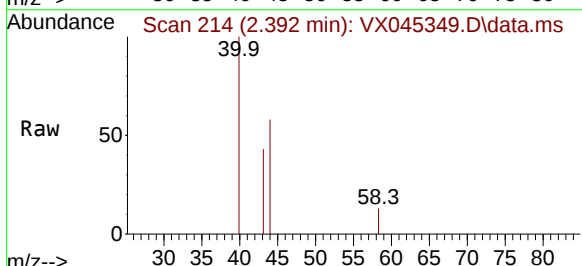
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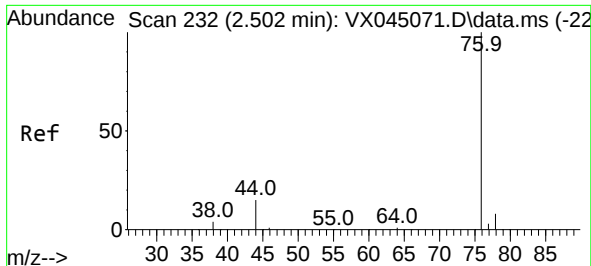
Tgt Ion: 43 Resp: 211

Ion Ratio Lower Upper

43 100

58 30.3 24.2 36.4

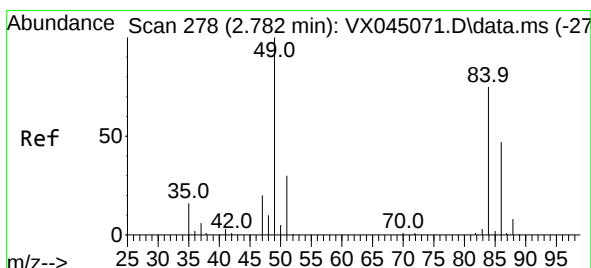
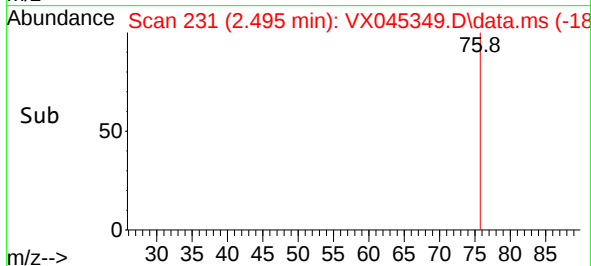
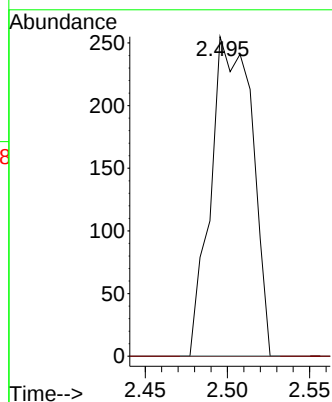
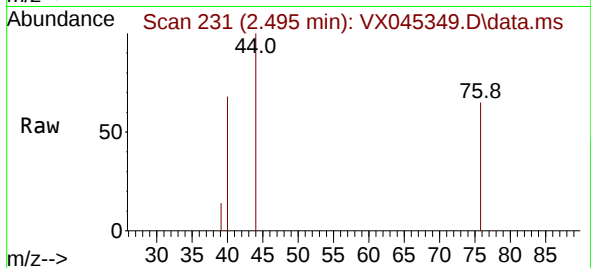




#17
Carbon Disulfide
Concen: 0.201 ug/l
RT: 2.495 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

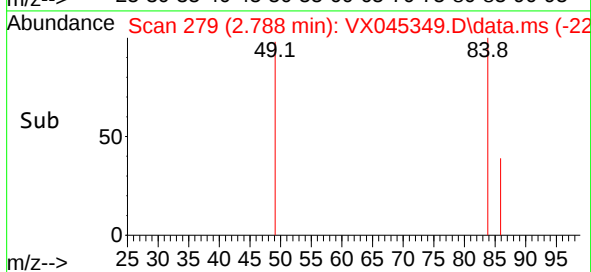
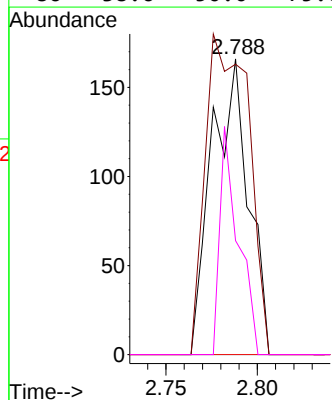
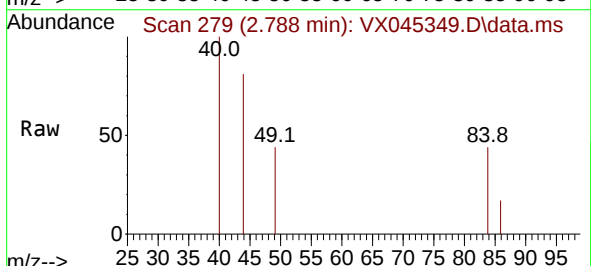
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

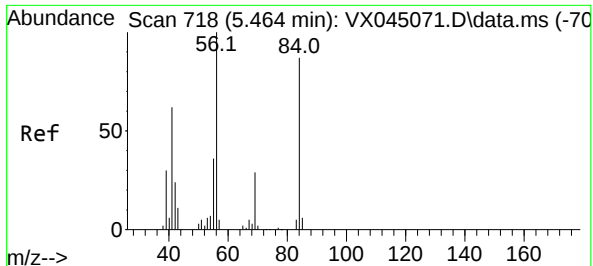
Tgt Ion: 76 Resp: 445
Ion Ratio Lower Upper
76 100
78 0.0 6.6 9.8#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Tgt Ion: 84 Resp: 232
Ion Ratio Lower Upper
84 100
49 98.2 106.5 159.7#
51 0.0 32.1 48.1#
86 38.6 50.0 75.0#

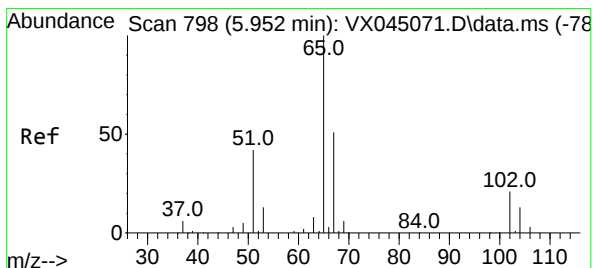
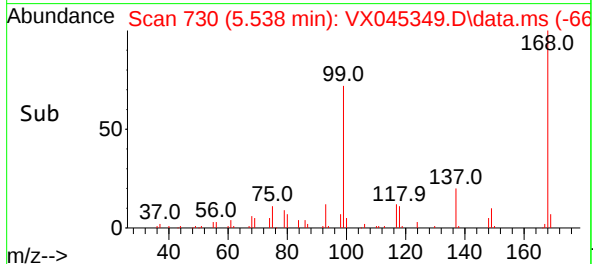
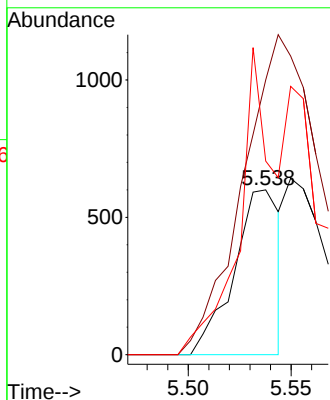
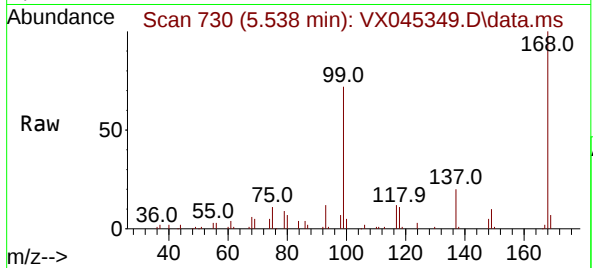




#31
Cyclohexane
Concen: 0.634 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

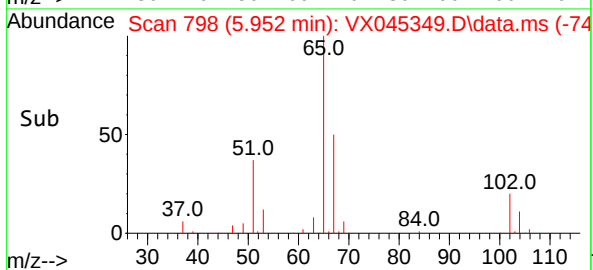
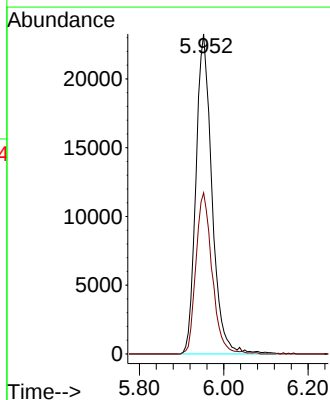
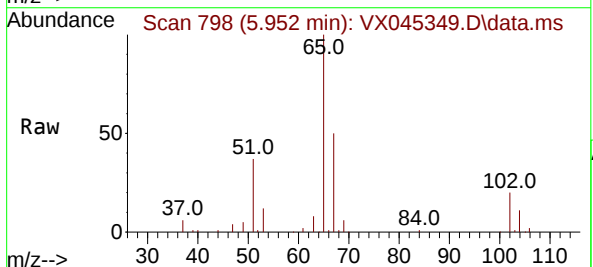
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

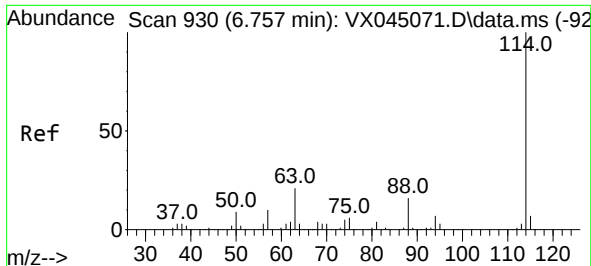
Tgt Ion: 56 Resp: 930
Ion Ratio Lower Upper
56 100
69 166.7 23.4 35.2#
84 117.5 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 57.253 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Tgt Ion: 65 Resp: 61741
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.2

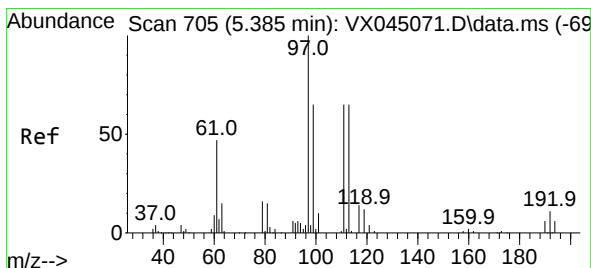
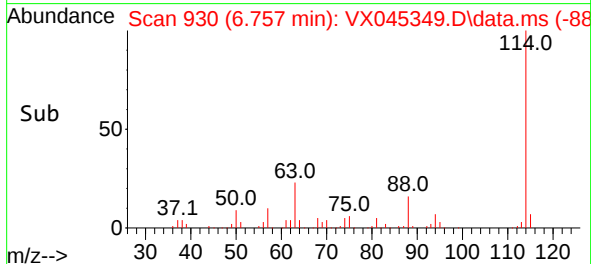
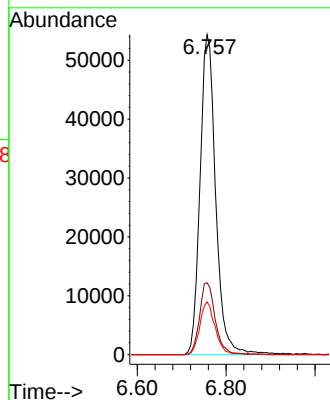
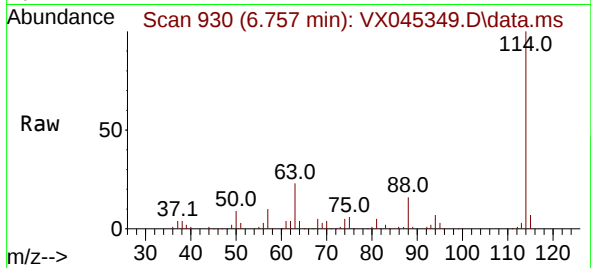




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX045349.D
 Acq: 20 Mar 2025 10:29

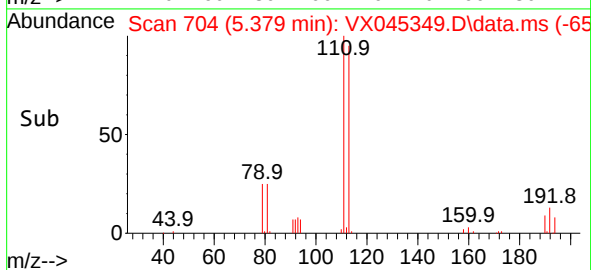
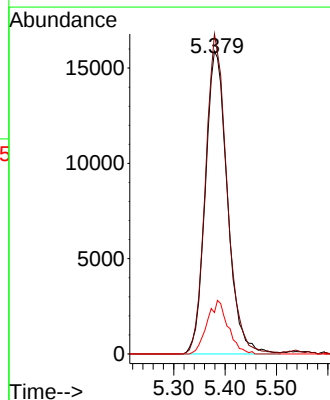
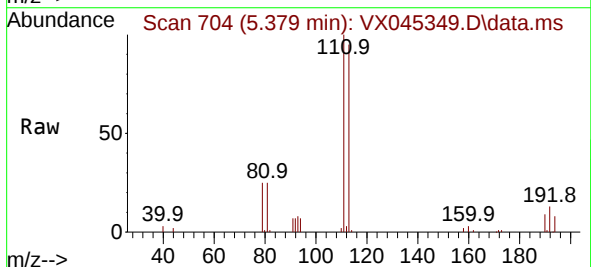
Instrument :
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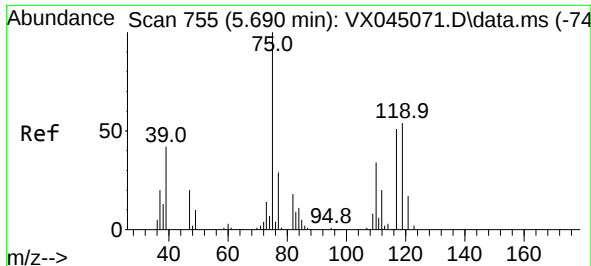
Tgt Ion:114 Resp: 133500
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 41.8
 88 16.5 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 53.069 ug/l
 RT: 5.379 min Scan# 704
 Delta R.T. -0.006 min
 Lab File: VX045349.D
 Acq: 20 Mar 2025 10:29

Tgt Ion:113 Resp: 47374
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.6
 192 16.8 14.3 21.5

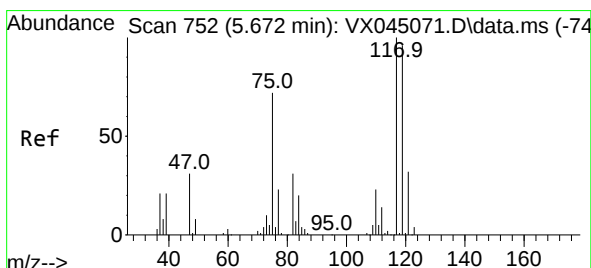
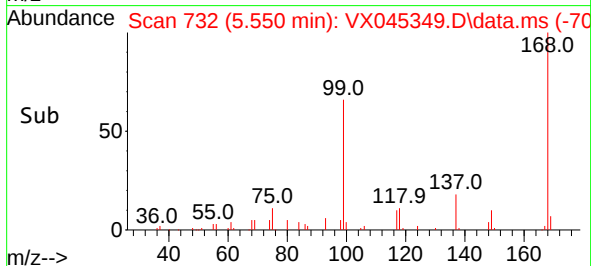
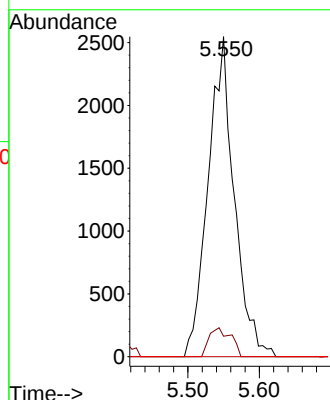
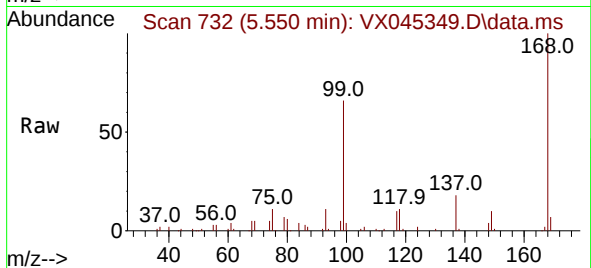




#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

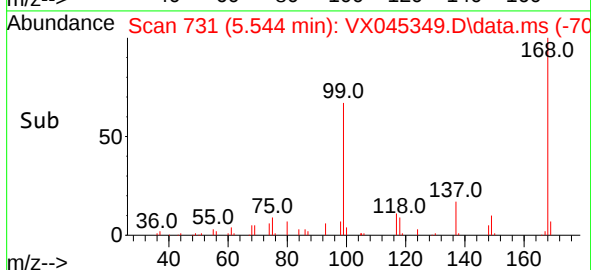
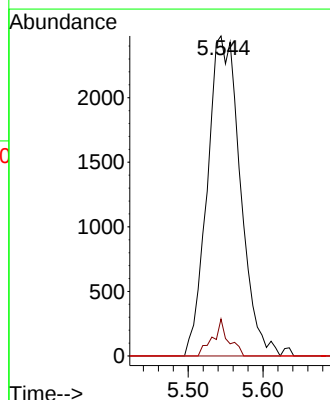
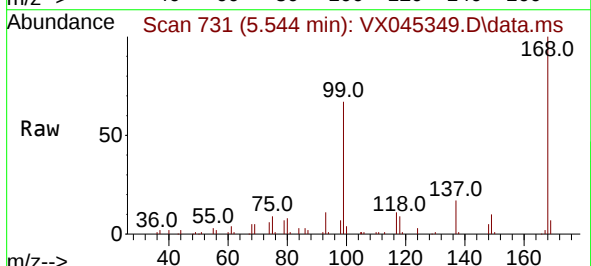
Instrument :
MSVOA_X
ClientSampleId :
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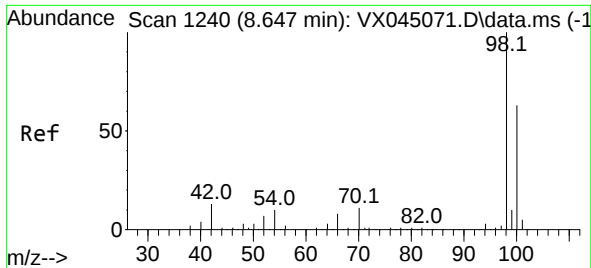
Tgt Ion: 75 Resp: 6460
Ion Ratio Lower Upper
75 100
110 7.5 16.9 50.6#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.105 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Tgt Ion: 117 Resp: 7588
Ion Ratio Lower Upper
117 100
119 11.6 76.7 115.1#
121 0.0 25.5 38.3#

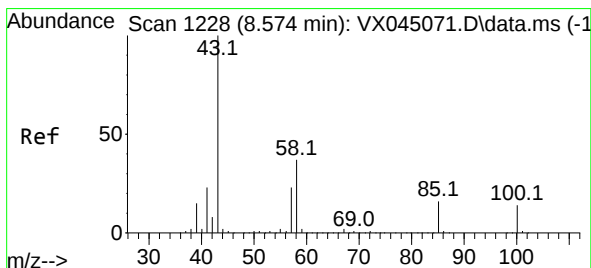
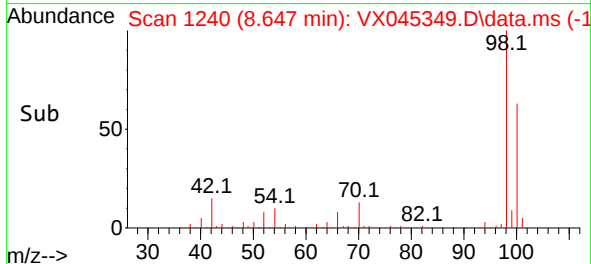
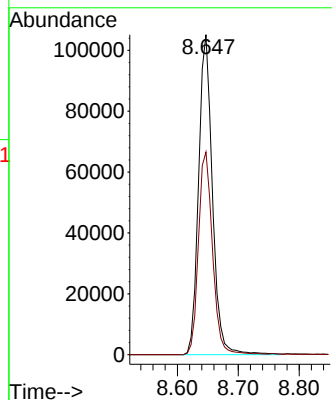
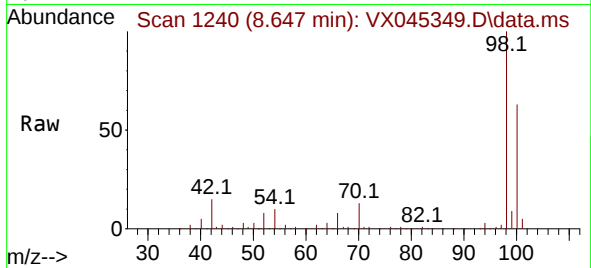




#50
Toluene-d8
Concen: 51.219 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

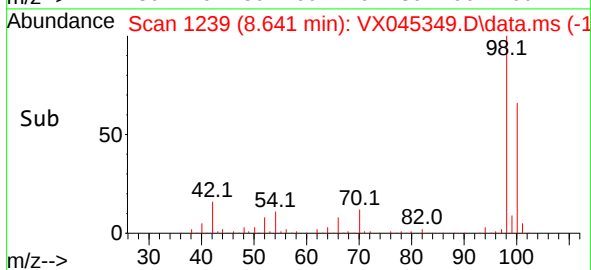
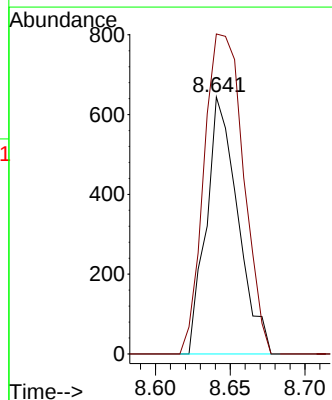
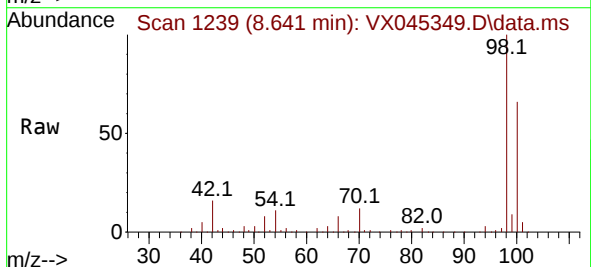
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

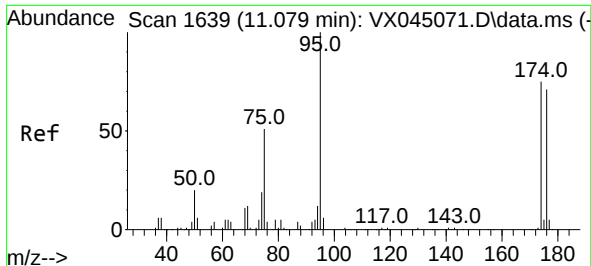
Tgt Ion: 98 Resp: 165758
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.603 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
58 155.9 29.2 43.8#

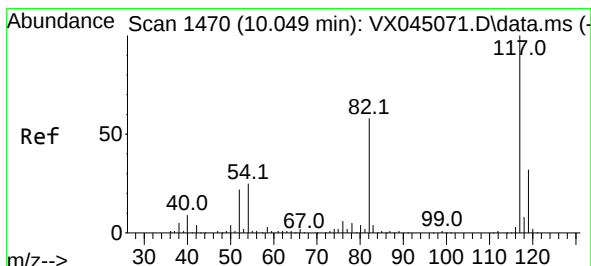
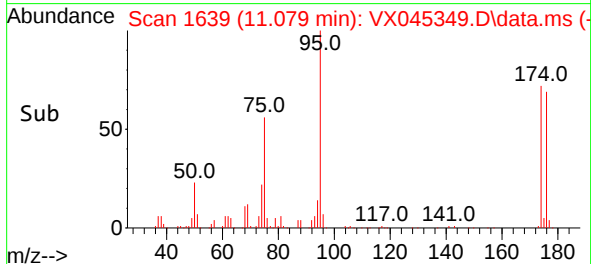
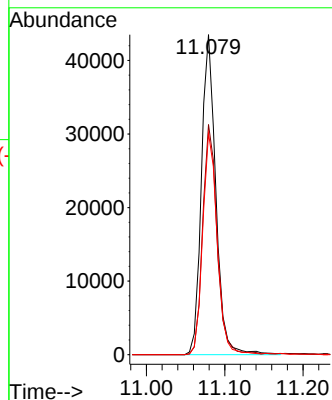
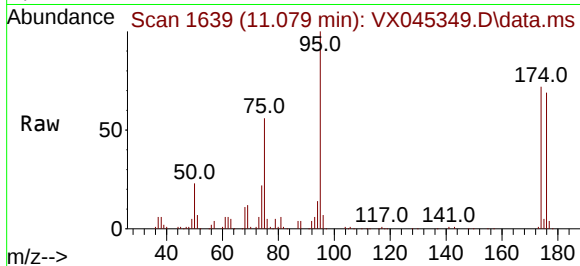




#62
4-Bromofluorobenzene
Concen: 51.958 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

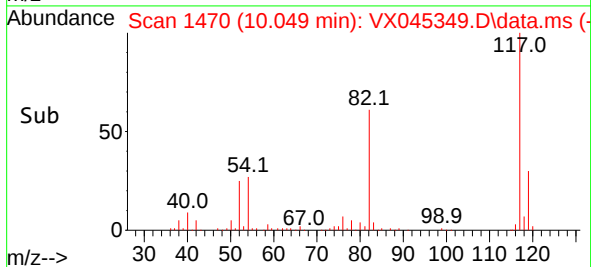
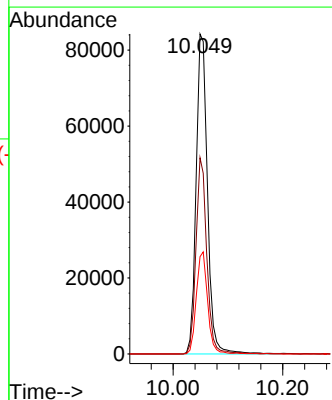
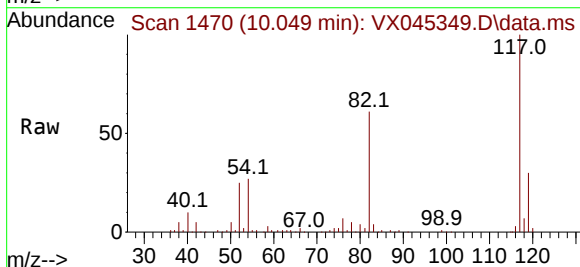
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

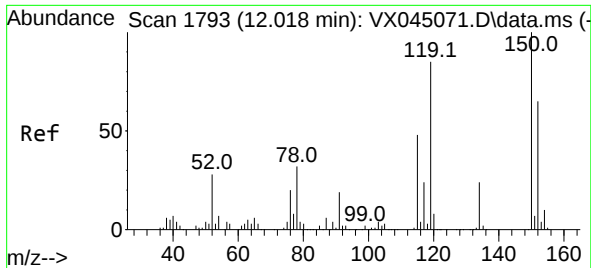
Tgt Ion: 95 Resp: 55720
Ion Ratio Lower Upper
95 100
174 71.9 0.0 148.2
176 69.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Tgt Ion: 117 Resp: 121748
Ion Ratio Lower Upper
117 100
82 61.3 46.3 69.5
119 30.4 25.7 38.5

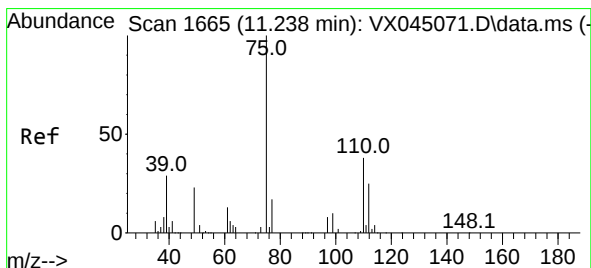
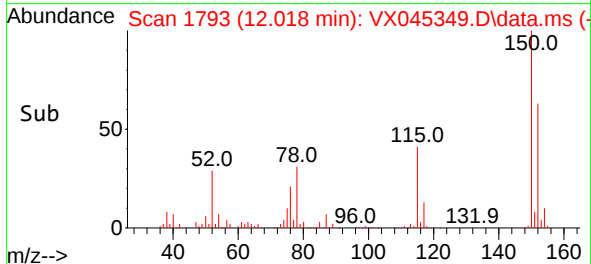
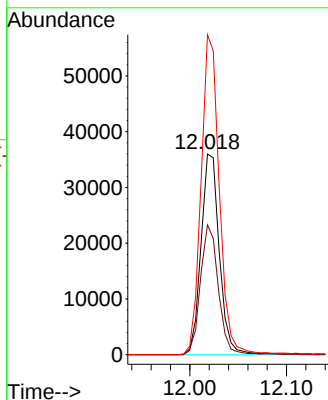
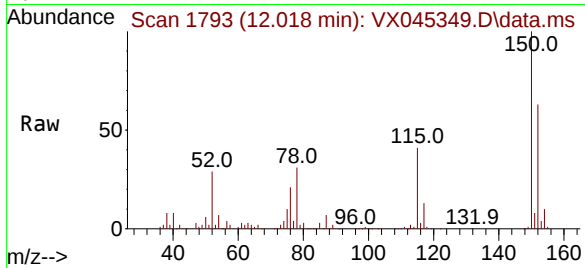




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045349.D
 Acq: 20 Mar 2025 10:29

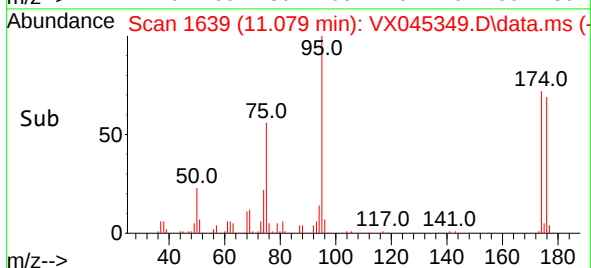
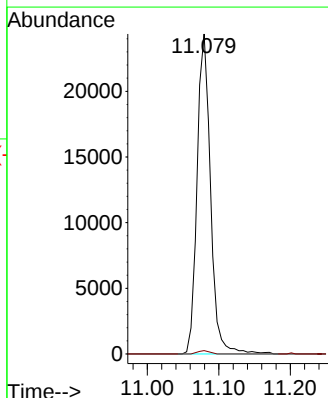
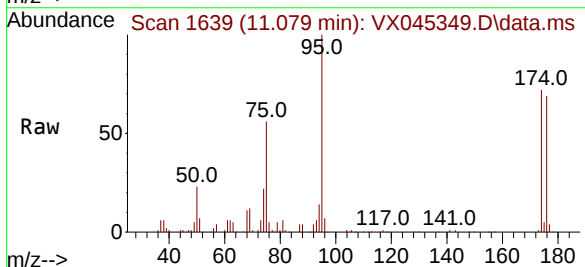
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBL01

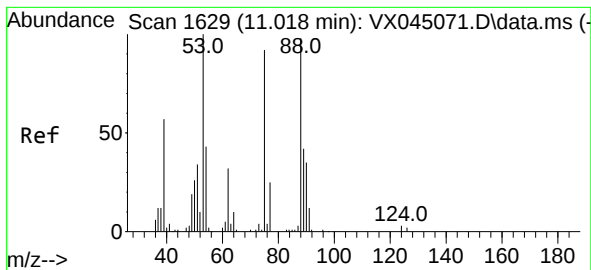
Tgt Ion:152 Resp: 47437
 Ion Ratio Lower Upper
 152 100
 115 63.6 44.2 132.6
 150 159.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.826 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045349.D
 Acq: 20 Mar 2025 10:29

Tgt Ion: 75 Resp: 31827
 Ion Ratio Lower Upper
 75 100
 77 0.9 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.648 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045349.D
Acq: 20 Mar 2025 10:29

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBL01

Tgt Ion: 75 Resp: 31827
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

