

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030325\
 Data File : VX045115.D
 Acq On : 03 Mar 2025 16:03
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 05:25:38 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)

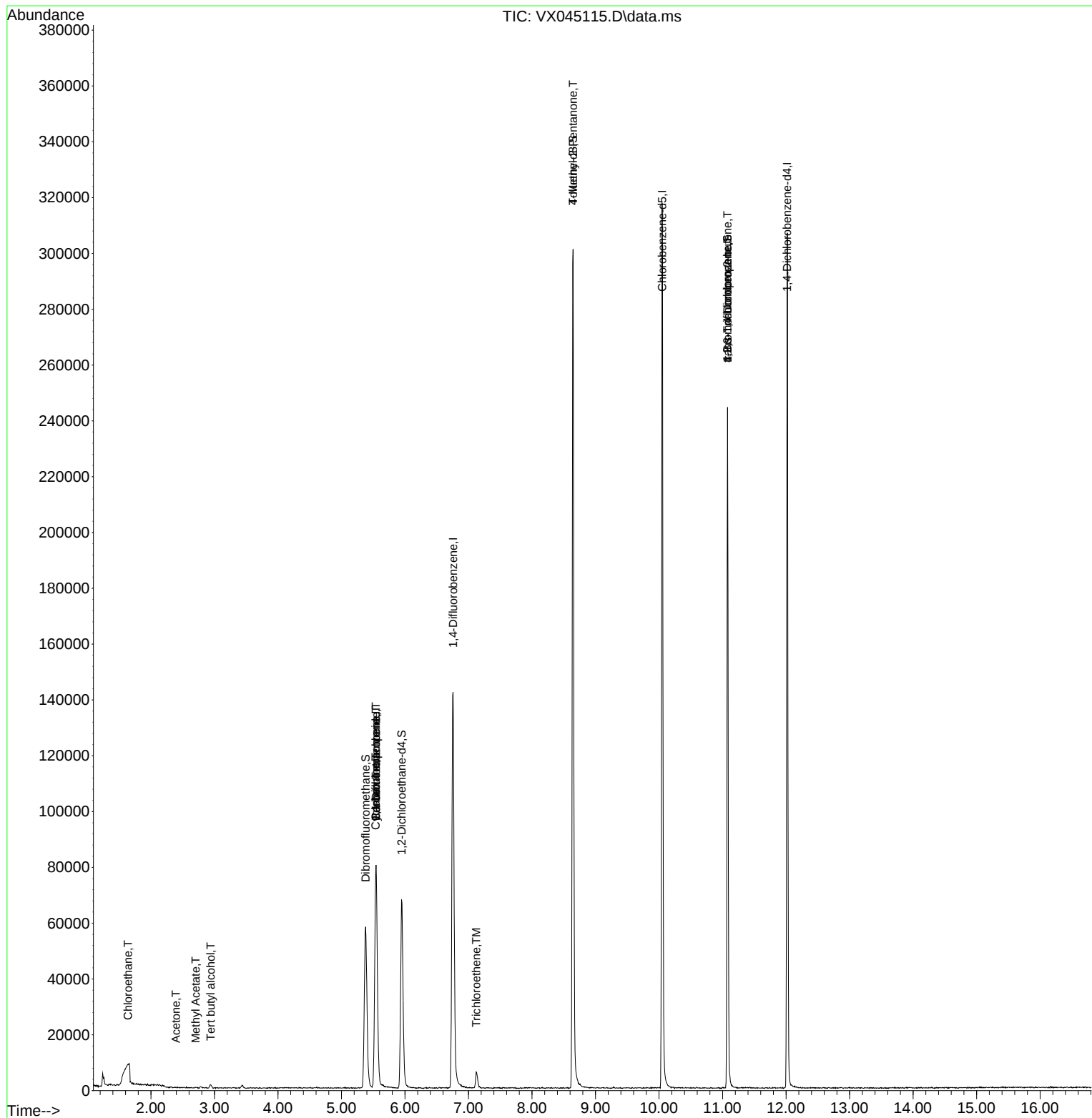
Internal Standards						
1) Pentafluorobenzene	5.544	168	75306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138820	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	62144	51.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.760%			
35) Dibromofluoromethane	5.379	113	51287	51.057	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	8.647	98	186352	51.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	11.079	95	63905	52.957	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.920%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.636	64	147	0.277	ug/l #	41
11) Tert butyl alcohol	2.940	59	693	3.054	ug/l #	73
16) Acetone	2.392	43	155	0.279	ug/l #	44
18) Methyl Acetate	2.703	43	309	0.231	ug/l #	54
31) Cyclohexane	5.538	56	2024	1.242	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	6527	4.738	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7982	5.707	ug/l #	17
44) Trichloroethene	7.123	130	2464	2.412	ug/l	97
51) 4-Methyl-2-Pentanone	8.647	43	956	0.542	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34142	25.105	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34142	85.913	ug/l #	6

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

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Quant Time: Mar 04 05:25:38 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

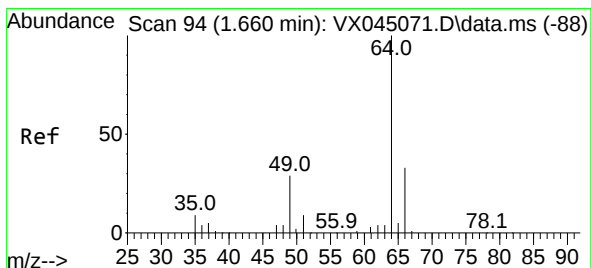
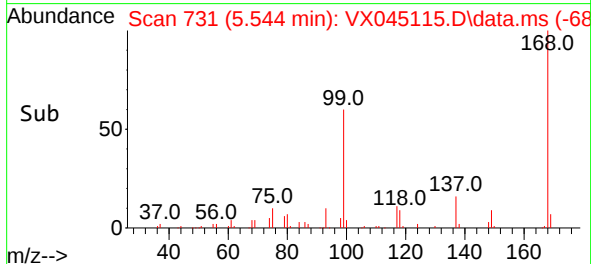
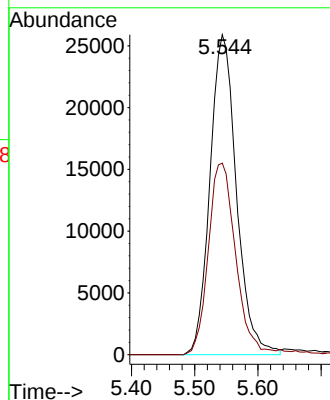
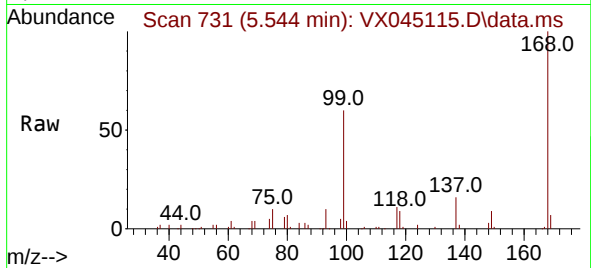




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

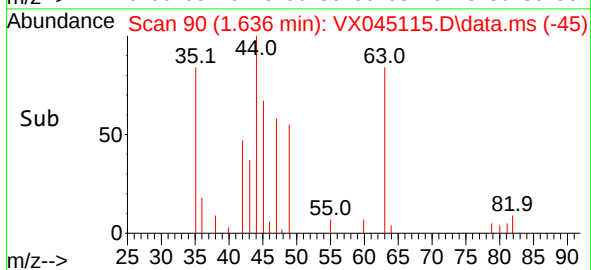
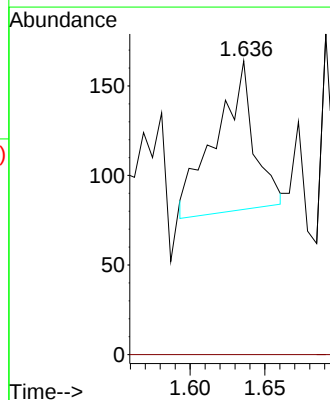
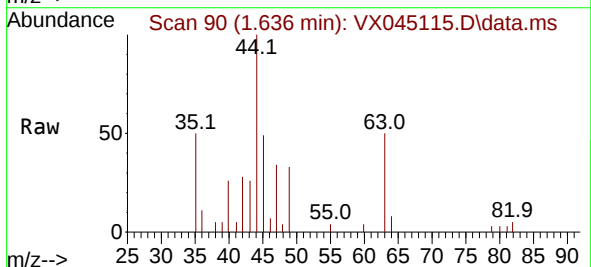
Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 75306
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#6
Chloroethane
Concen: 0.277 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.024 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 3.054 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045115.D

Acq: 03 Mar 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

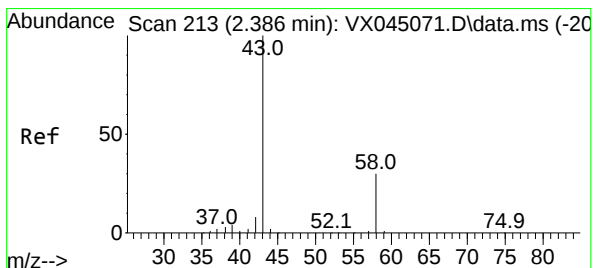
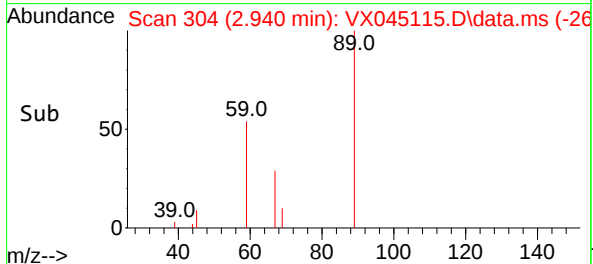
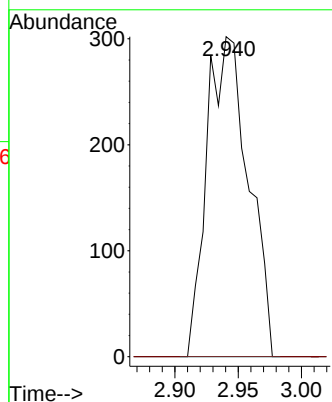
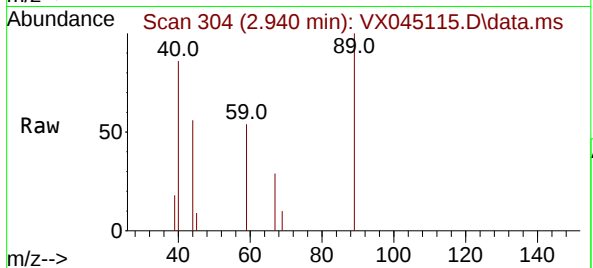
IBLK

Tgt Ion: 59 Resp: 693

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.279 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045115.D

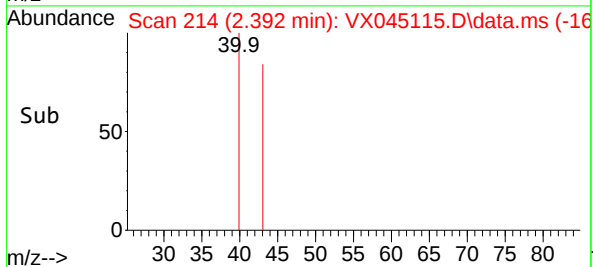
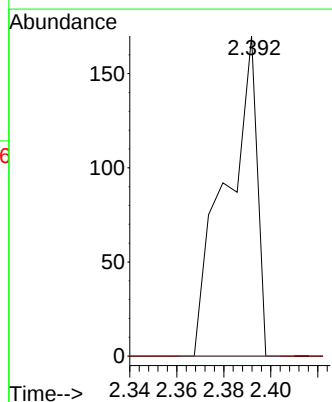
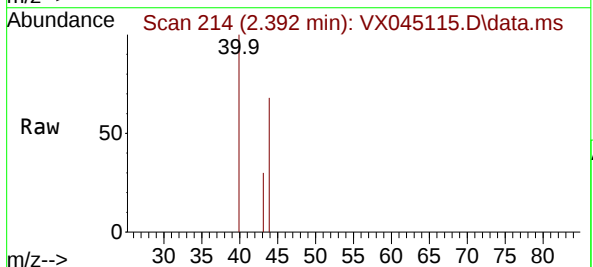
Acq: 03 Mar 2025 16:03

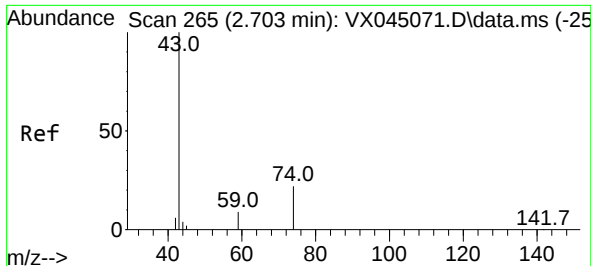
Tgt Ion: 43 Resp: 155

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.4#

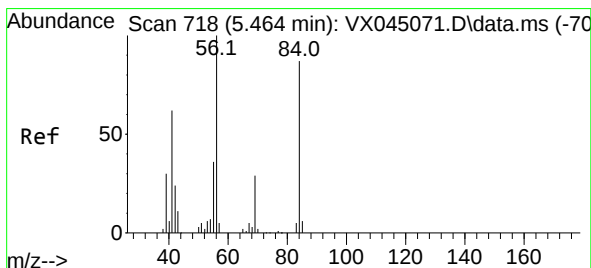
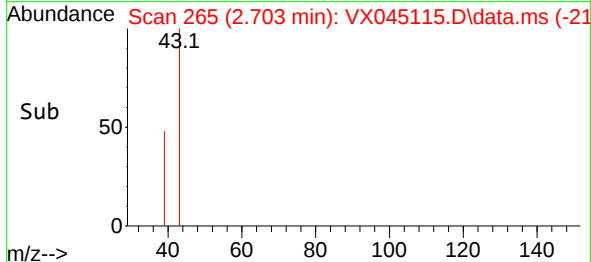
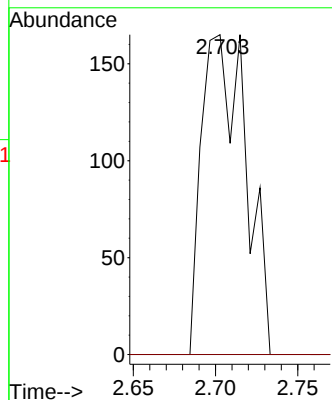
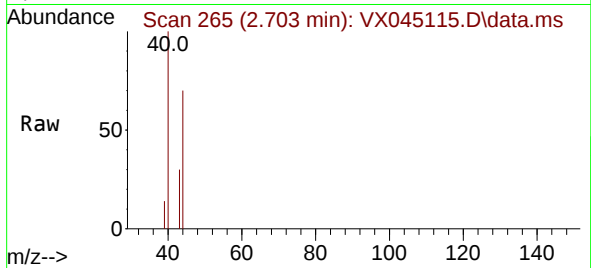




#18
Methyl Acetate
Concen: 0.231 ug/l
RT: 2.703 min Scan# 218
Delta R.T. -0.000 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

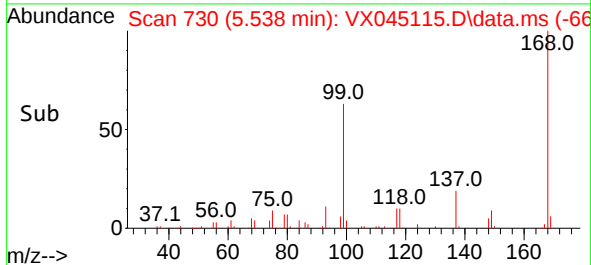
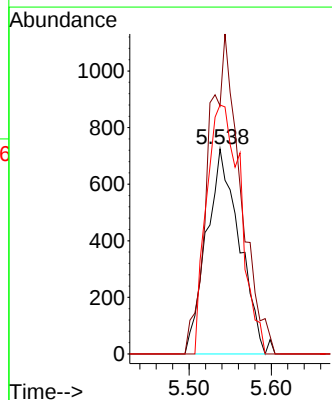
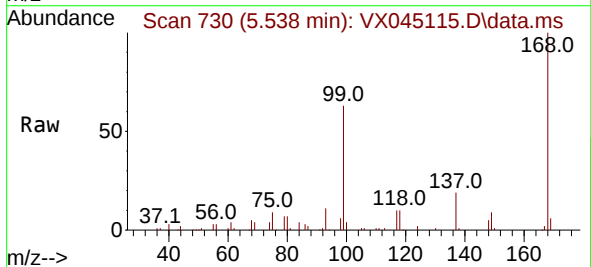
Instrument :
MSVOA_X
ClientSampleId :
IBLK

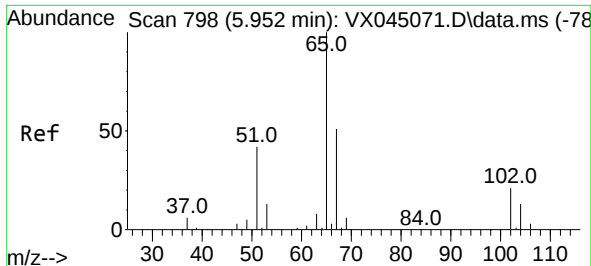
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.2#



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.073 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

Tgt Ion: 56 Resp: 2024
Ion Ratio Lower Upper
56 100
69 121.0 23.4 35.2#
84 121.4 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 51.880 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX045115.D

Acq: 03 Mar 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

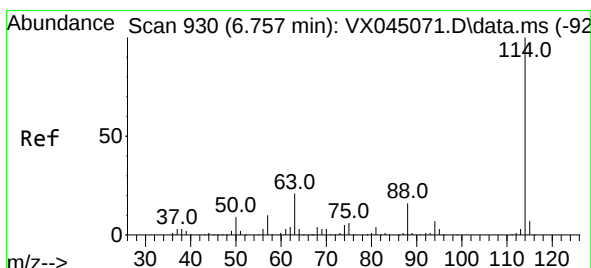
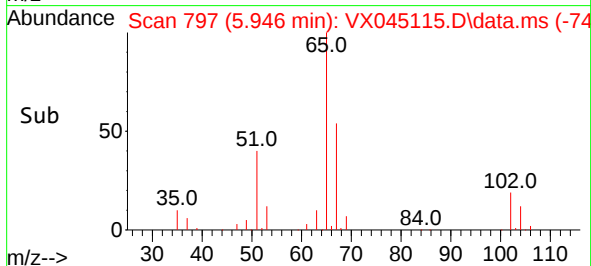
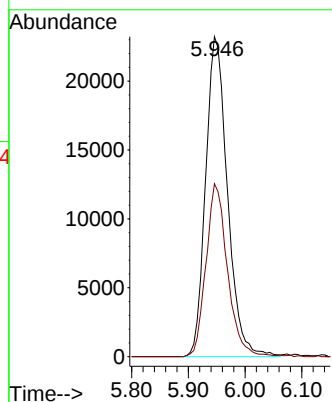
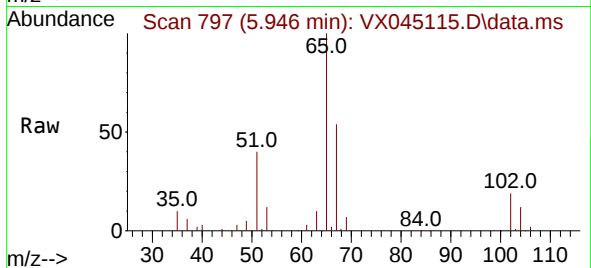
IBLK

Tgt Ion: 65 Resp: 62144

Ion Ratio Lower Upper

65 100

67 53.1 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: VX045115.D

Acq: 03 Mar 2025 16:03

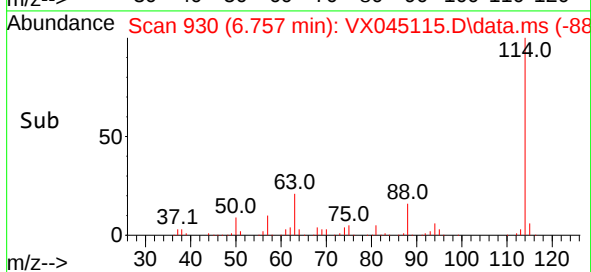
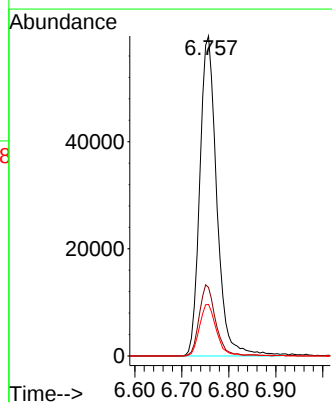
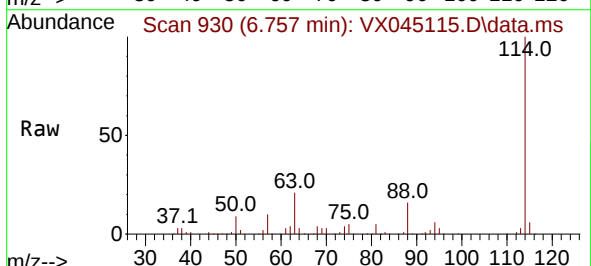
Tgt Ion: 114 Resp: 150223

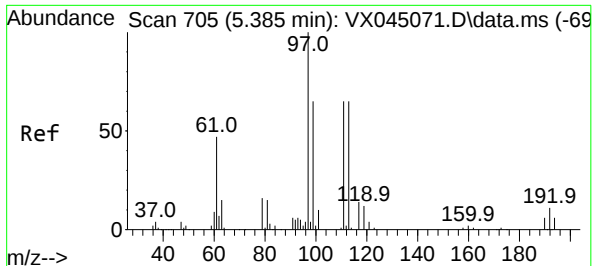
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.8

88 16.1 0.0 32.8

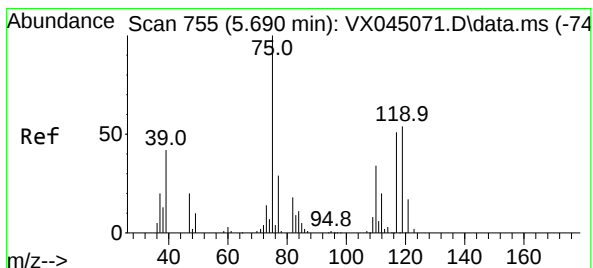
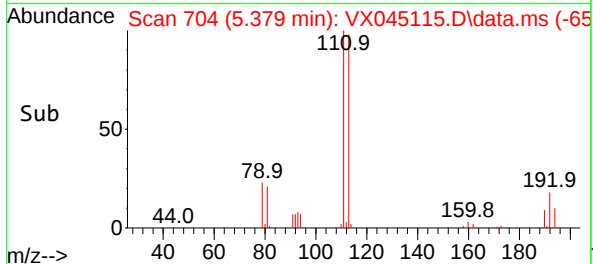
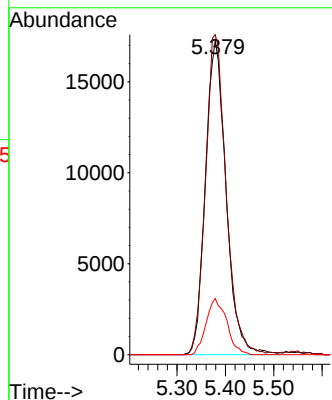
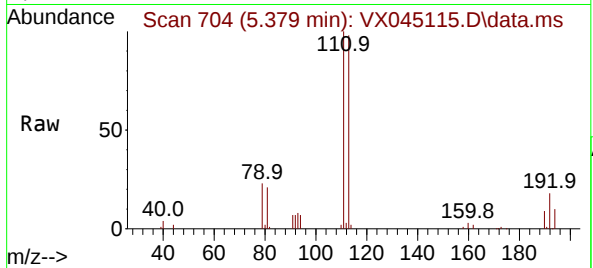




#35
Dibromofluoromethane
Concen: 51.057 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

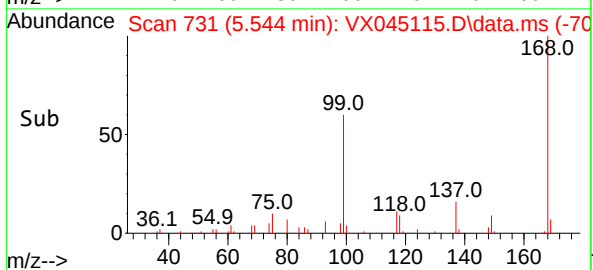
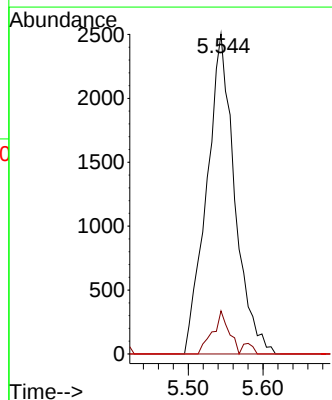
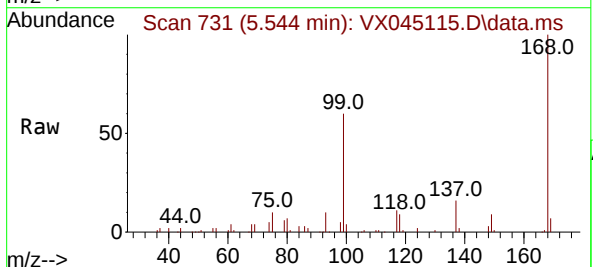
Instrument :
MSVOA_X
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IBLK

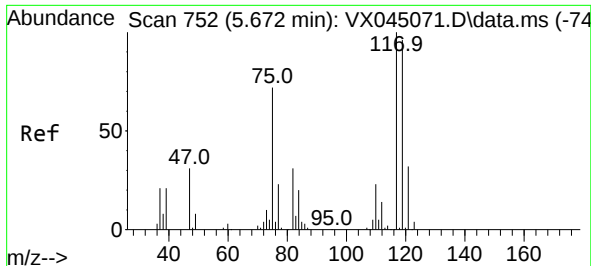
Tgt Ion:113 Resp: 51287
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 17.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.738 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

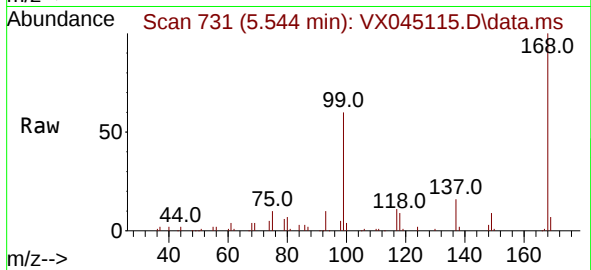
Tgt Ion: 75 Resp: 6527
Ion Ratio Lower Upper
75 100
110 7.8 16.9 50.6#
77 0.0 24.5 36.7#



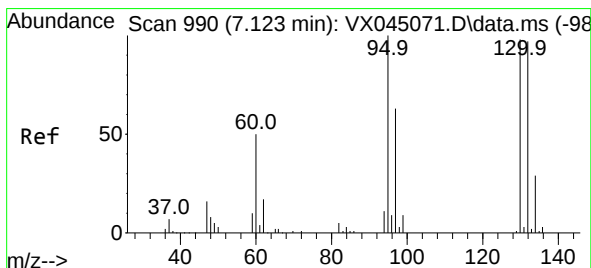
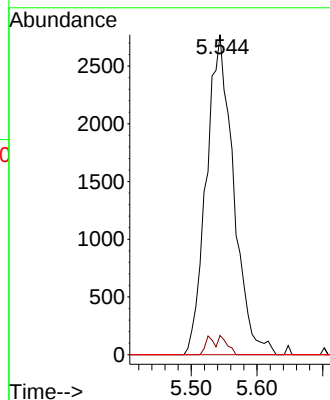
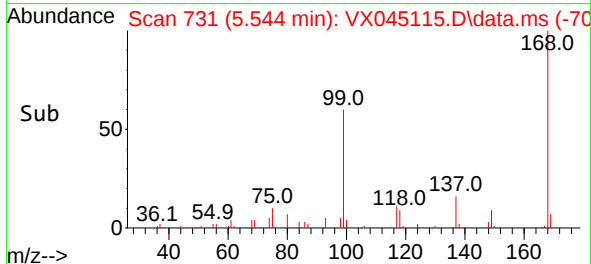


#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

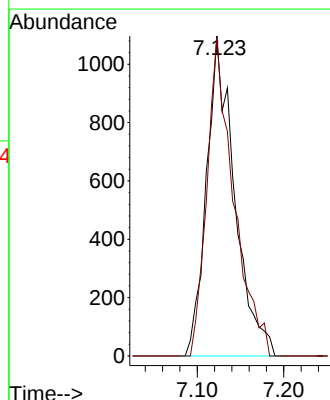
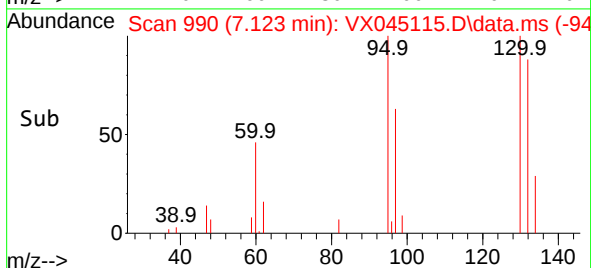
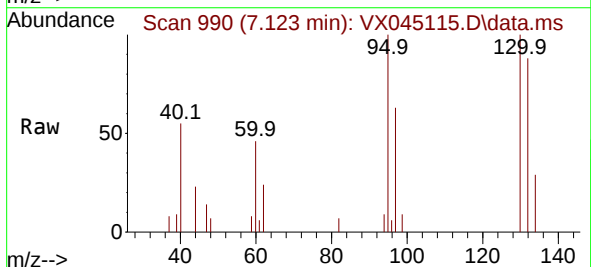


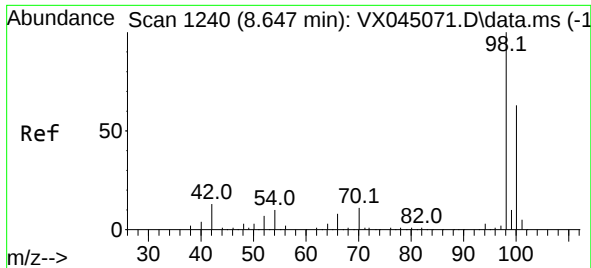
Tgt Ion:117 Resp: 7982
Ion Ratio Lower Upper
117 100
119 6.0 76.7 115.1#
121 0.0 25.5 38.3#



#44
Trichloroethene
Concen: 2.412 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

Tgt Ion:130 Resp: 2464
Ion Ratio Lower Upper
130 100
95 99.5 0.0 205.0

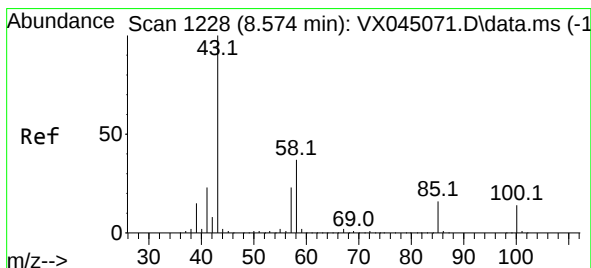
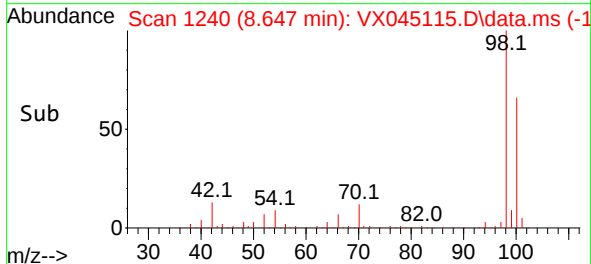
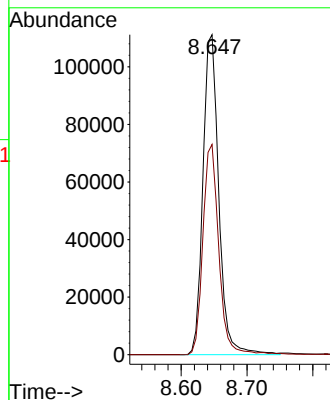
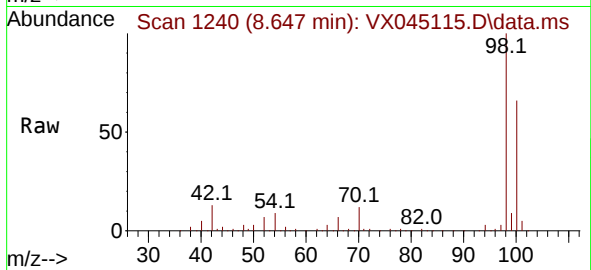




#50
Toluene-d8
Concen: 51.172 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

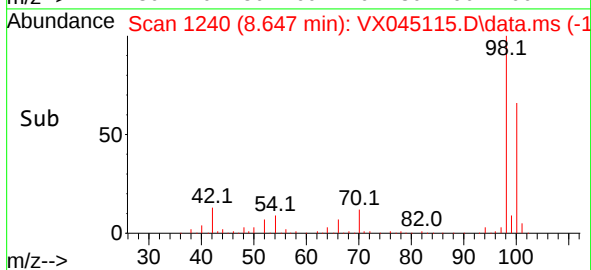
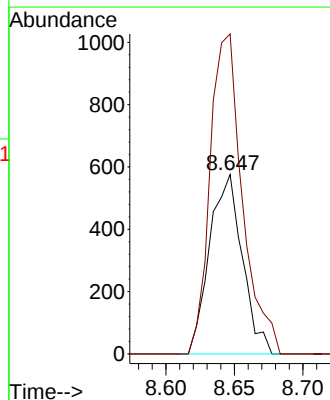
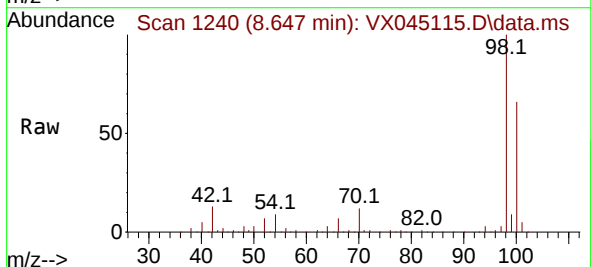
Instrument :
MSVOA_X
ClientSampleId :
IBLK

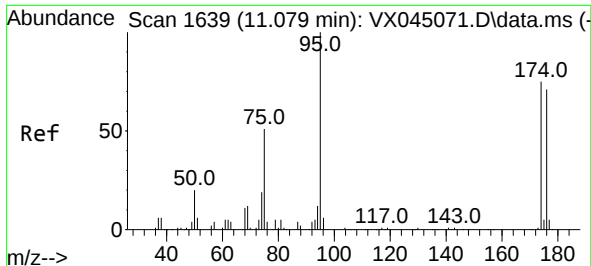
Tgt Ion: 98 Resp: 186352
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.542 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 176.4 29.2 43.8#





#62

4-Bromofluorobenzene

Concen: 52.957 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045115.D

Acq: 03 Mar 2025 16:03

Instrument :

MSVOA_X

ClientSampleId :

IBLK

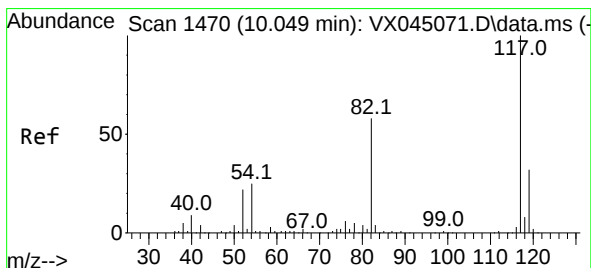
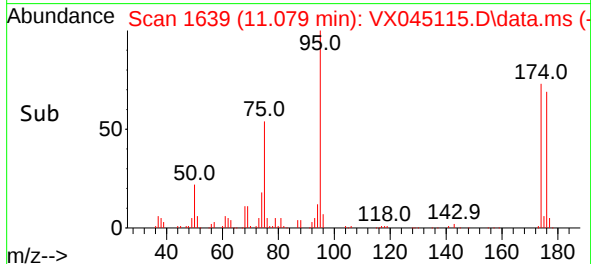
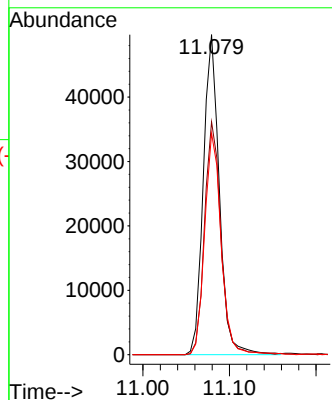
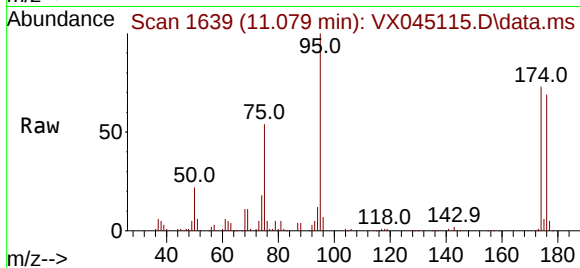
Tgt Ion: 95 Resp: 63905

Ion Ratio Lower Upper

95 100

174 74.0 0.0 148.2

176 71.3 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: VX045115.D

Acq: 03 Mar 2025 16:03

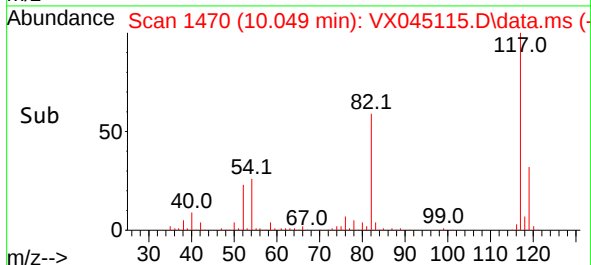
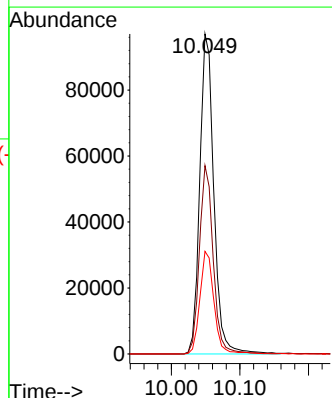
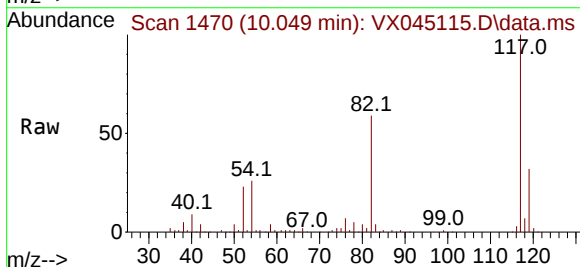
Tgt Ion: 117 Resp: 138820

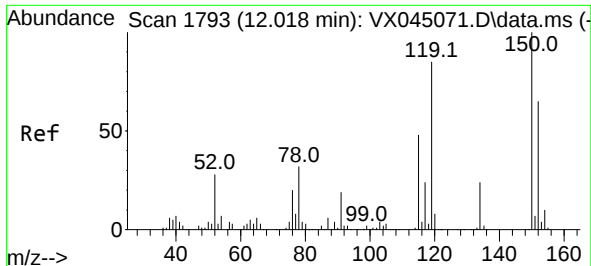
Ion Ratio Lower Upper

117 100

82 58.9 46.3 69.5

119 32.1 25.7 38.5

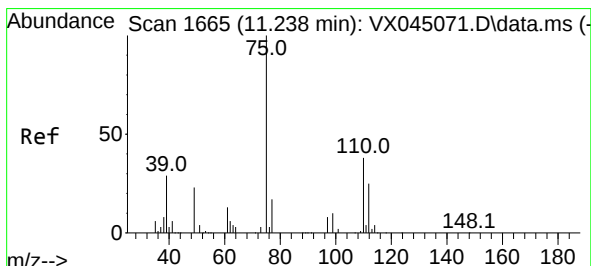
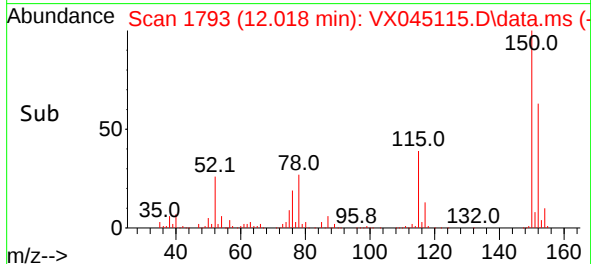
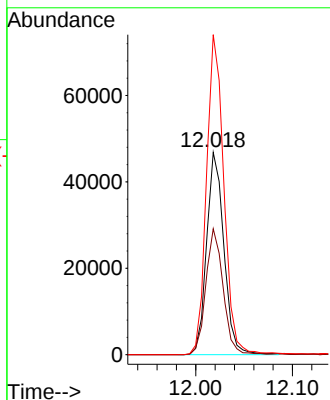
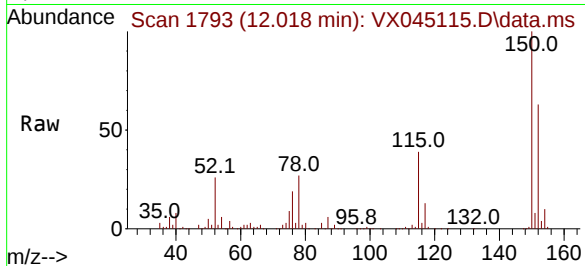




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045115.D
 Acq: 03 Mar 2025 16:03

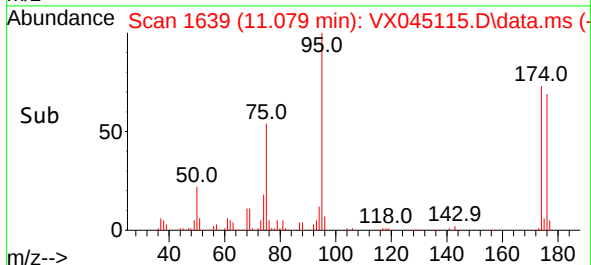
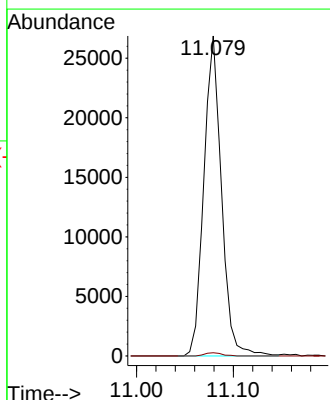
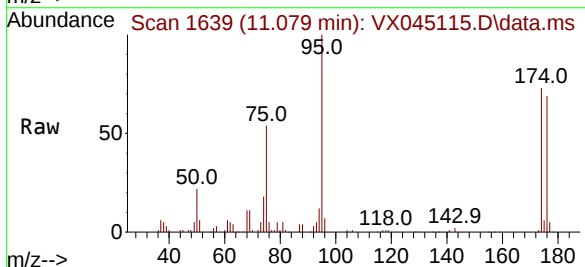
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

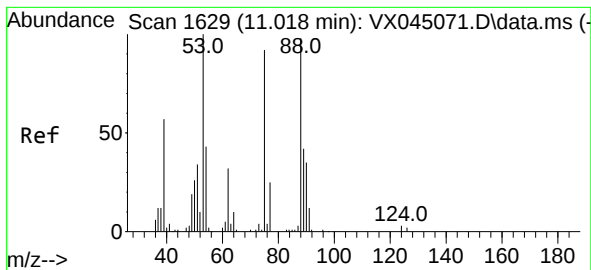
Tgt Ion:152 Resp: 58431
 Ion Ratio Lower Upper
 152 100
 115 62.1 44.2 132.6
 150 159.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.105 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX045115.D
 Acq: 03 Mar 2025 16:03

Tgt Ion: 75 Resp: 34142
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.7 62.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.913 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX045115.D
Acq: 03 Mar 2025 16:03

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 34142
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

