

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
 Data File : VX045240.D
 Acq On : 12 Mar 2025 11:49
 Operator : JC/MD
 Sample : VX0312WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0312WBL01

Quant Time: Mar 13 01:37:46 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	5.550	168	62202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124010	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	114608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	43950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54194	54.774	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.540%
35) Dibromofluoromethane	5.385	113	43283	52.197	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.400%
50) Toluene-d8	8.647	98	155076	51.585	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.180%
62) 4-Bromofluorobenzene	11.079	95	50744	50.939	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.880%

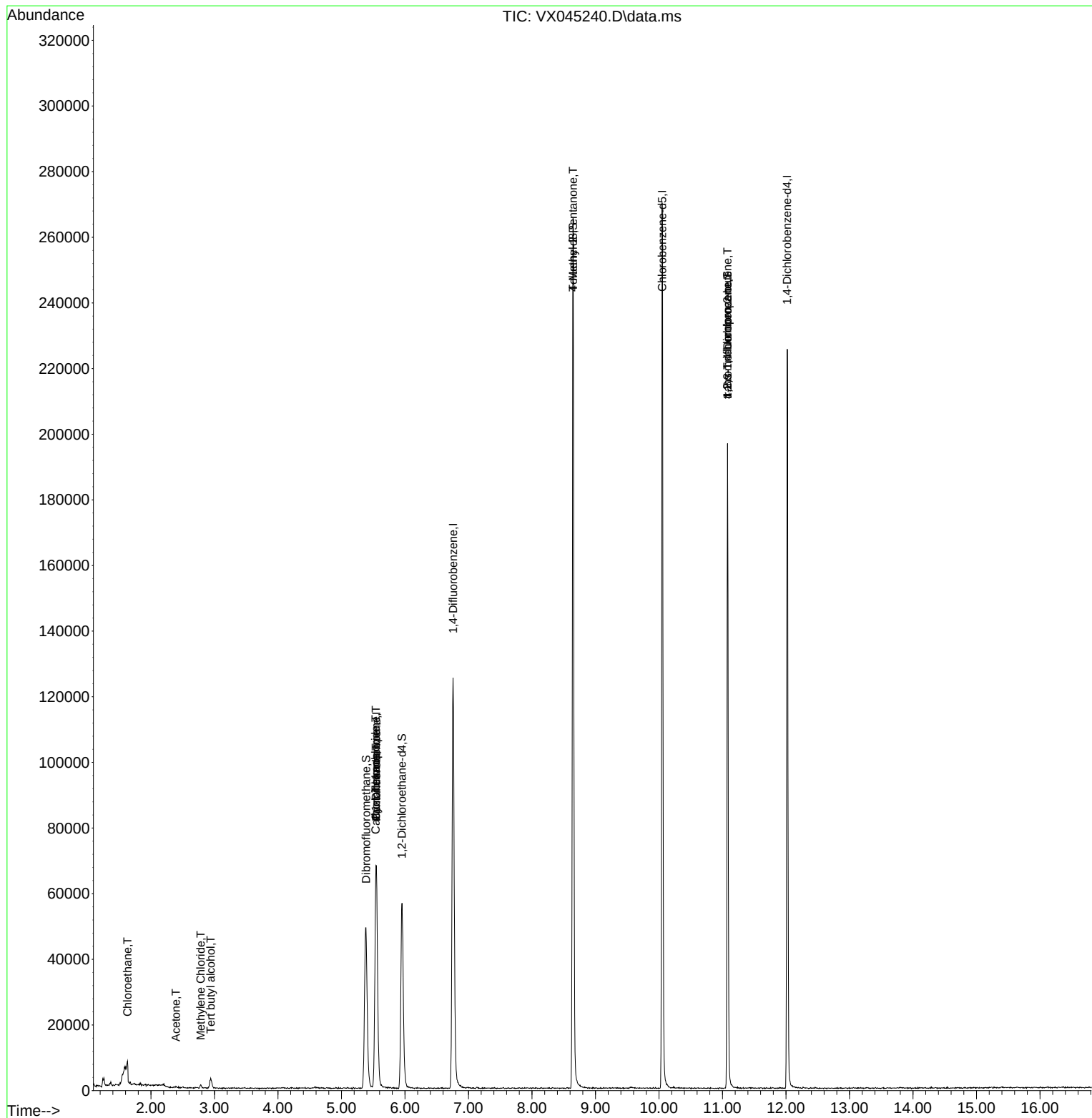
Target Compounds					Qvalue	
6) Chloroethane	1.630	64	94	0.214	ug/l #	41
11) Tert butyl alcohol	2.941	59	1900	10.138	ug/l #	73
16) Acetone	2.392	43	437	0.952	ug/l	90
20) Methylene Chloride	2.782	84	481	0.529	ug/l #	84
31) Cyclohexane	5.544	56	1751	1.301	ug/l #	40
36) 1,1-Dichloropropene	5.544	75	5872	5.164	ug/l #	48
38) Carbon Tetrachloride	5.538	117	6813	5.901	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	947	0.651	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	28268	27.634	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	28268	94.569	ug/l #	6

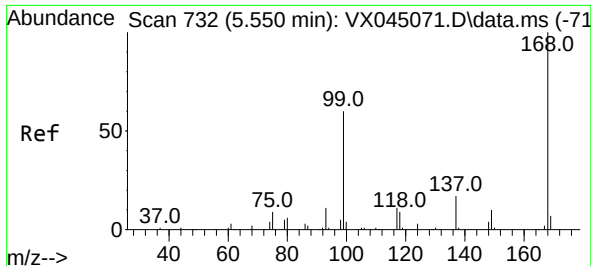
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031225\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

Quant Time: Mar 13 01:37:46 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

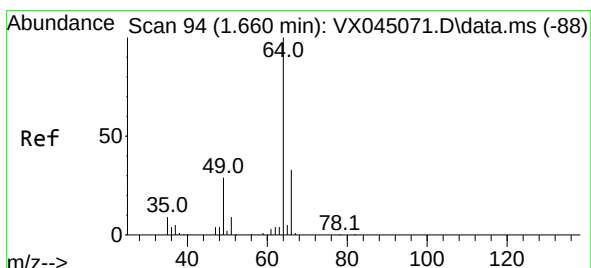
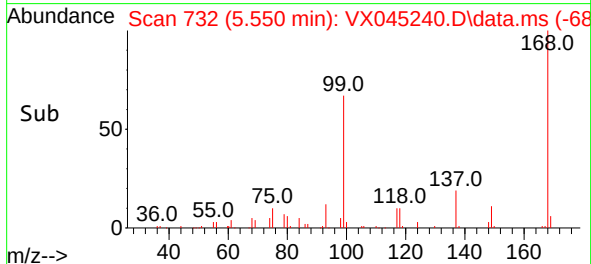
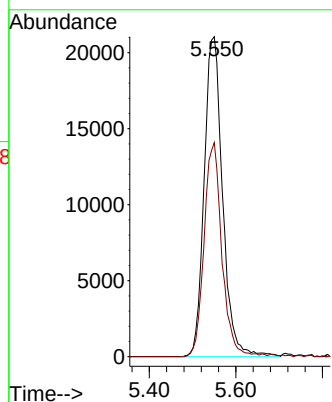
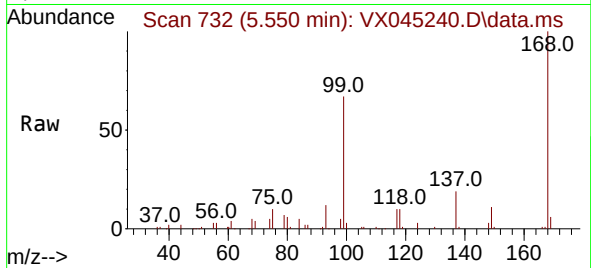




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

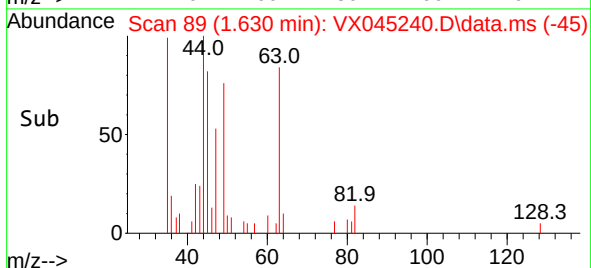
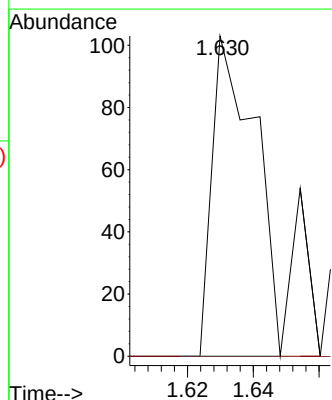
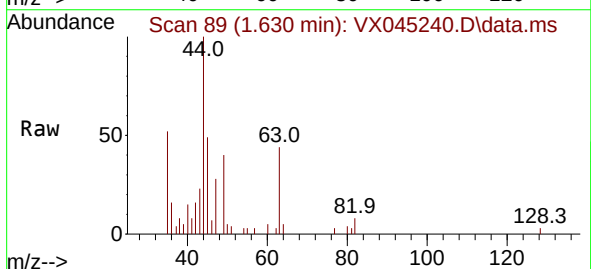
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

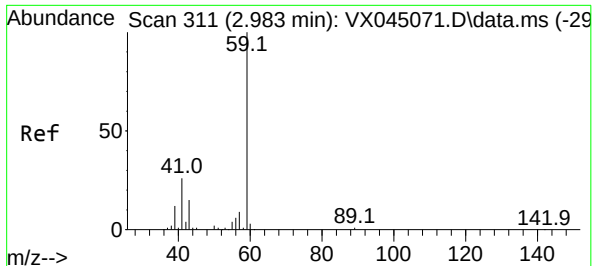
Tgt Ion:168 Resp: 62202
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#6
Chloroethane
Concen: 0.214 ug/l
RT: 1.630 min Scan# 89
Delta R.T. -0.030 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion: 64 Resp: 94
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 10.138 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045240.D

Acq: 12 Mar 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

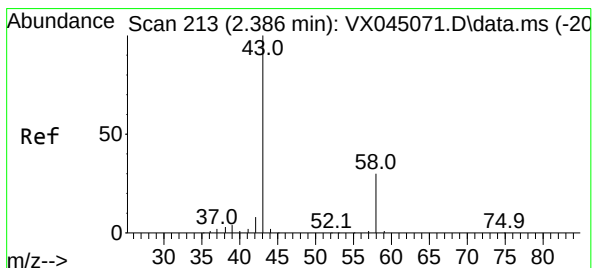
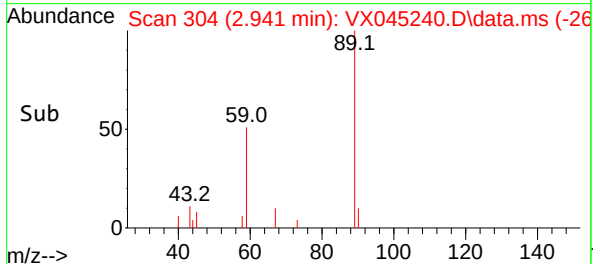
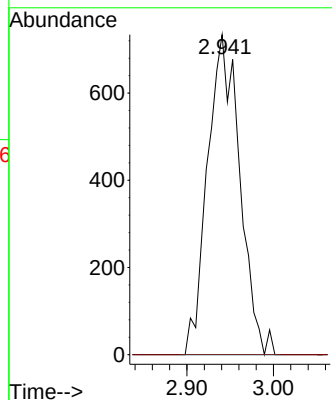
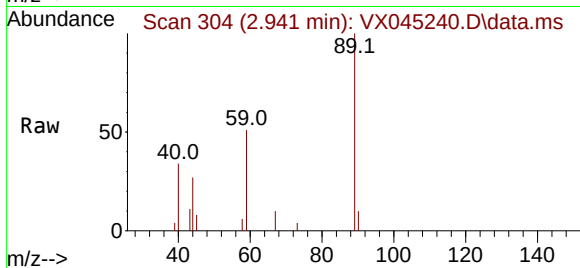
VX0312WBL01

Tgt Ion: 59 Resp: 1900

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 0.952 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX045240.D

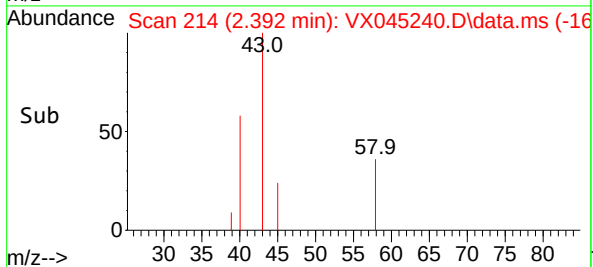
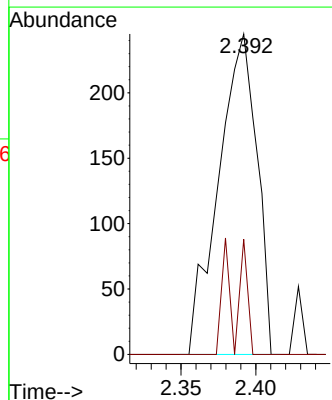
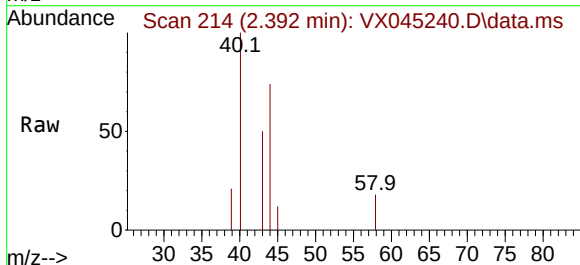
Acq: 12 Mar 2025 11:49

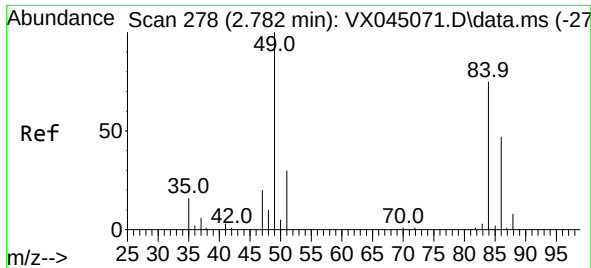
Tgt Ion: 43 Resp: 437

Ion Ratio Lower Upper

43 100

58 35.9 24.2 36.4

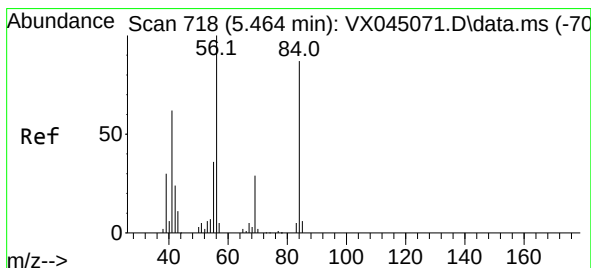
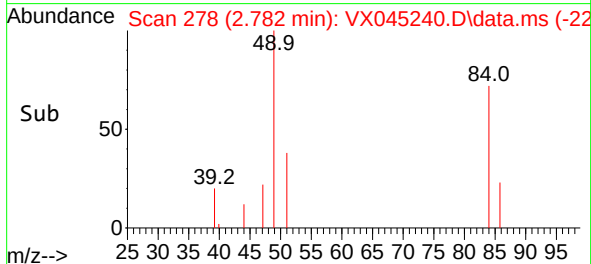
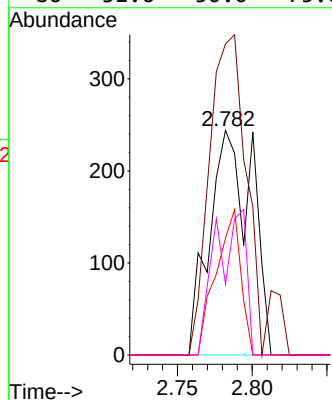
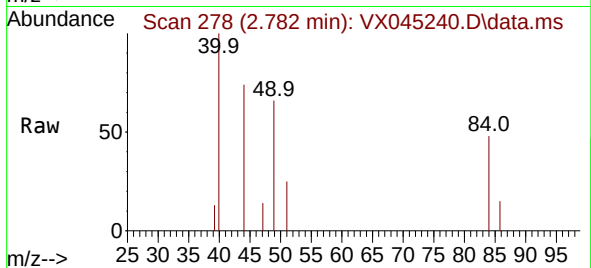




#20
Methylene Chloride
Concen: 0.529 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

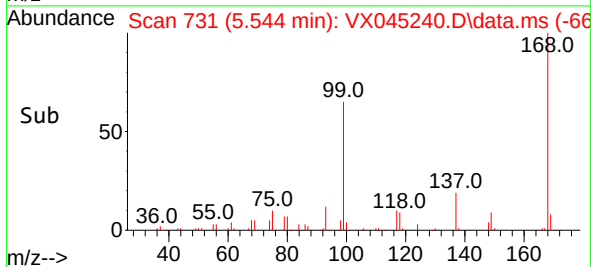
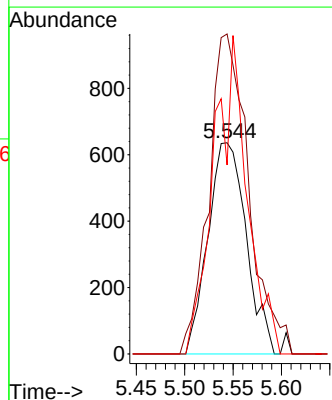
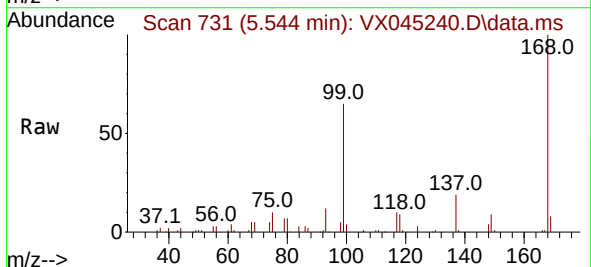
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

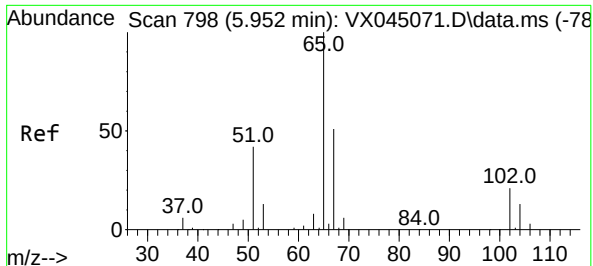
Tgt Ion:	84	Resp:	481
Ion	Ratio	Lower	Upper
84	100		
49	138.5	106.5	159.7
51	52.0	32.1	48.1#
86	31.6	50.0	75.0#



#31
Cyclohexane
Concen: 1.301 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion:	56	Resp:	1751
Ion	Ratio	Lower	Upper
56	100		
69	151.6	23.4	35.2#
84	89.5	69.4	104.2





#33

1,2-Dichloroethane-d4

Concen: 54.774 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045240.D

Acq: 12 Mar 2025 11:49

Instrument :

MSVOA_X

ClientSampleId :

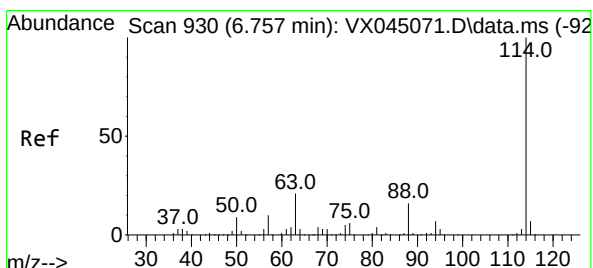
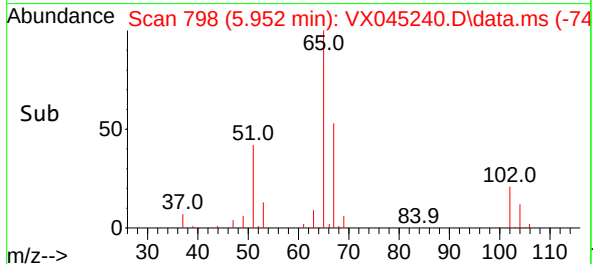
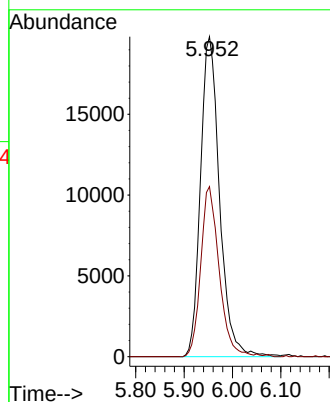
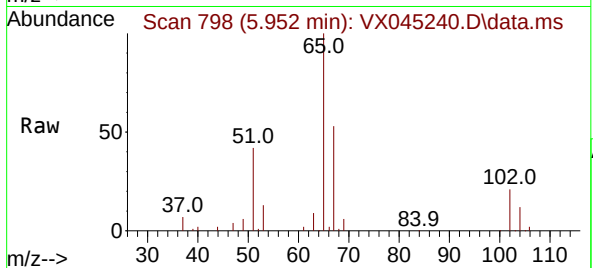
VX0312WBL01

Tgt Ion: 65 Resp: 54194

Ion Ratio Lower Upper

65 100

67 51.2 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: VX045240.D

Acq: 12 Mar 2025 11:49

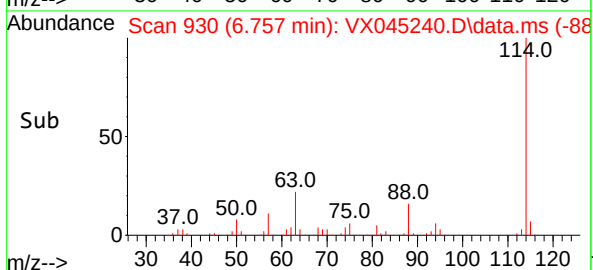
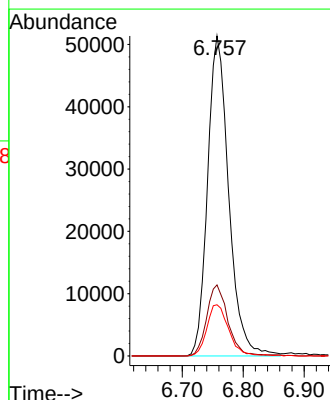
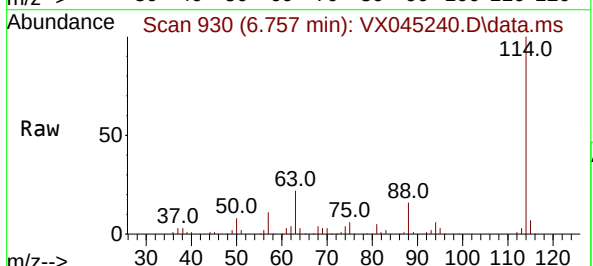
Tgt Ion: 114 Resp: 124010

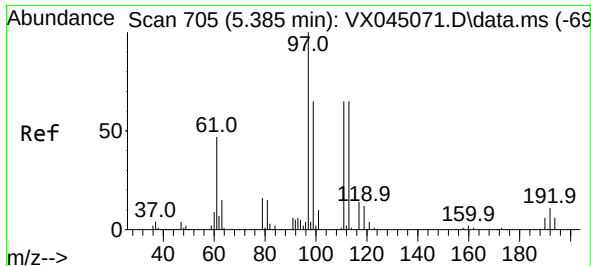
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.8

88 16.0 0.0 32.8

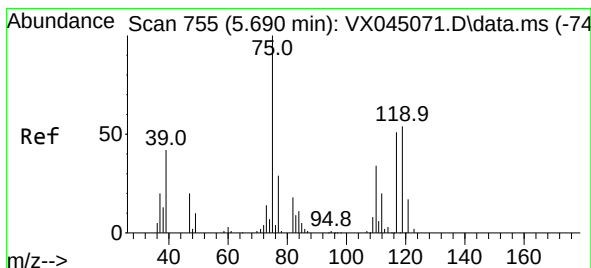
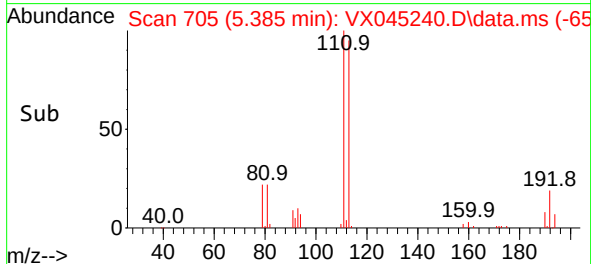
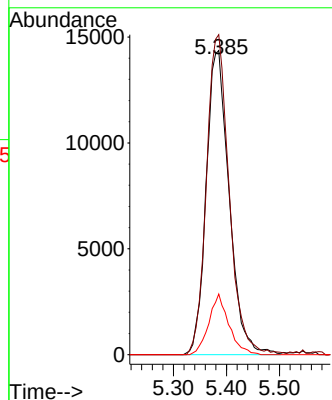
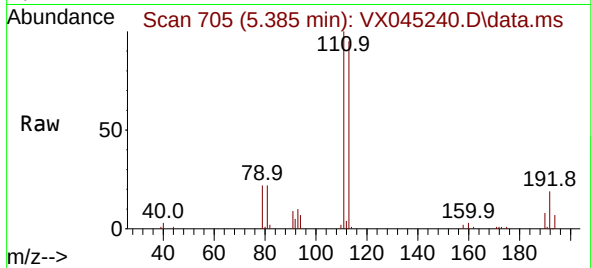




#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

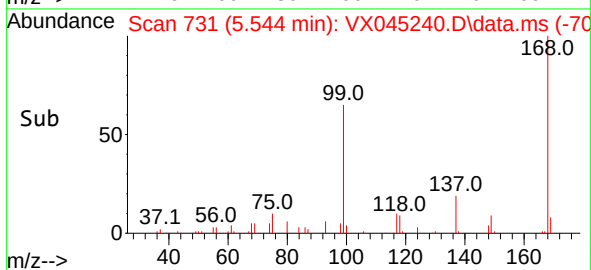
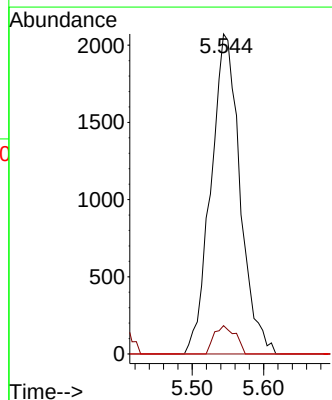
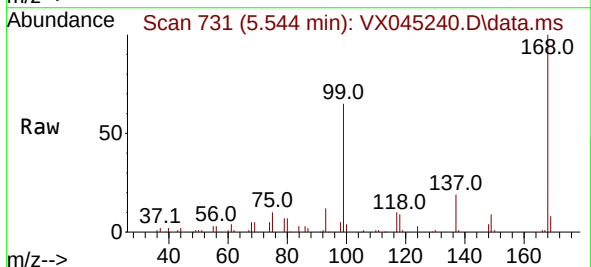
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

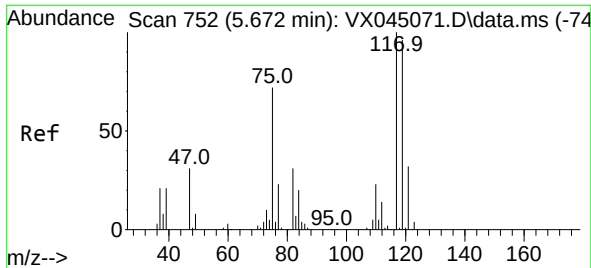
Tgt Ion:113 Resp: 43283
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.6
192 17.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.164 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

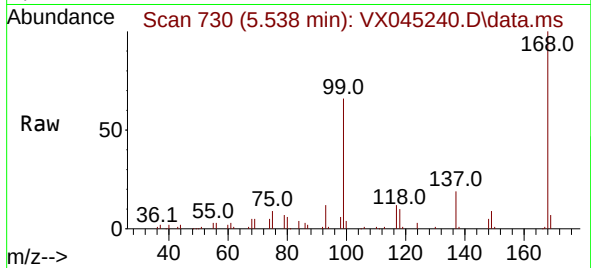
Tgt Ion: 75 Resp: 5872
Ion Ratio Lower Upper
75 100
110 6.5 16.9 50.6#
77 0.0 24.5 36.7#



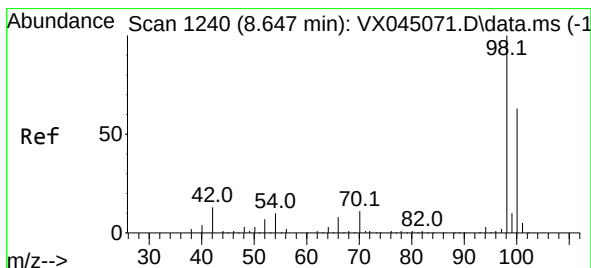
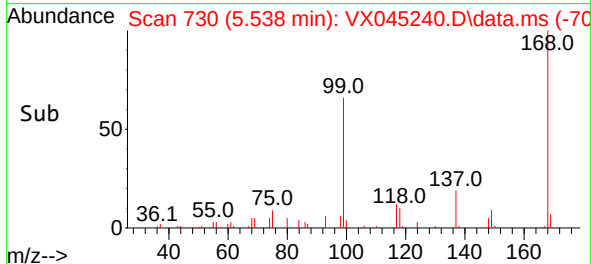
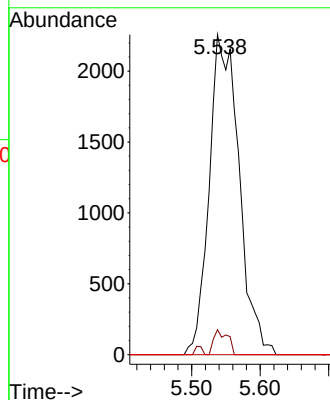


#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

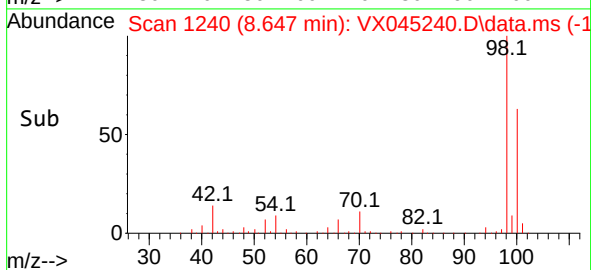
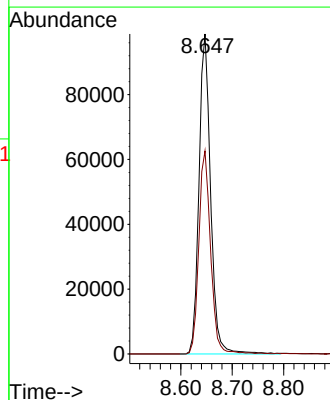
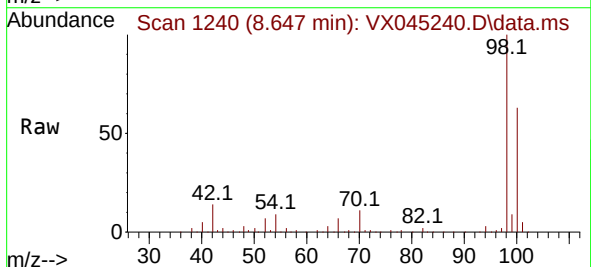


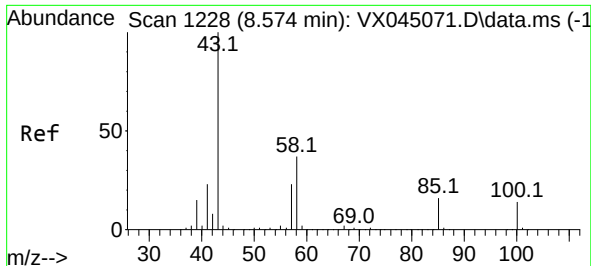
Tgt Ion:117 Resp: 6813
Ion Ratio Lower Upper
117 100
119 7.8 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion: 98 Resp: 155076
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

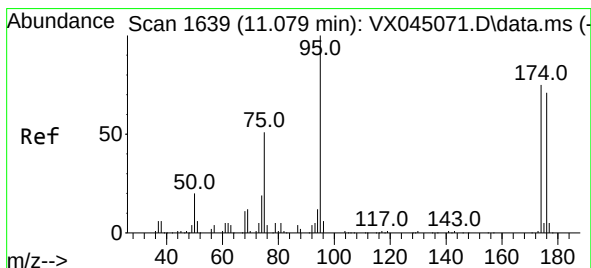
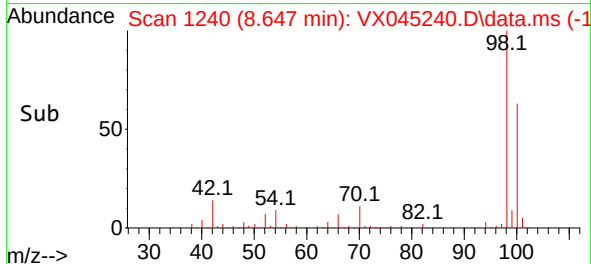
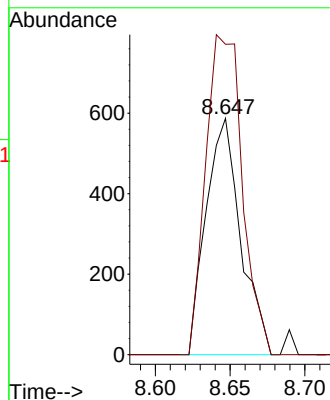
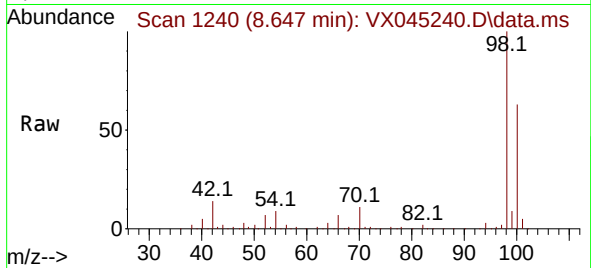




#51
4-Methyl-2-Pentanone
Concen: 0.651 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

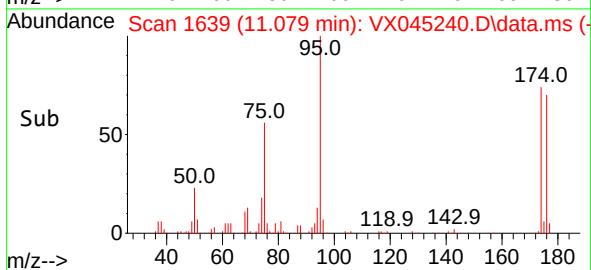
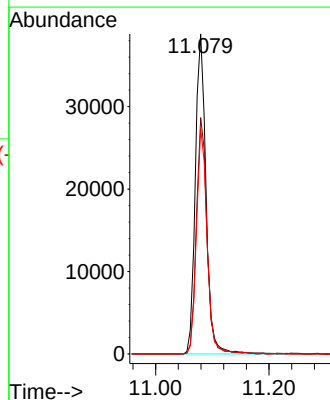
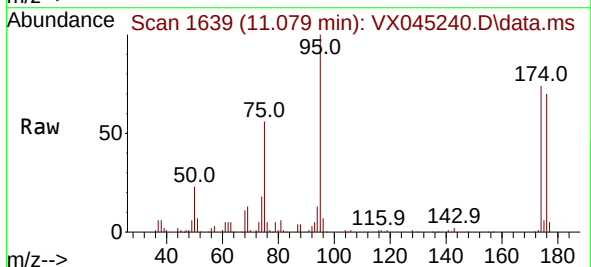
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

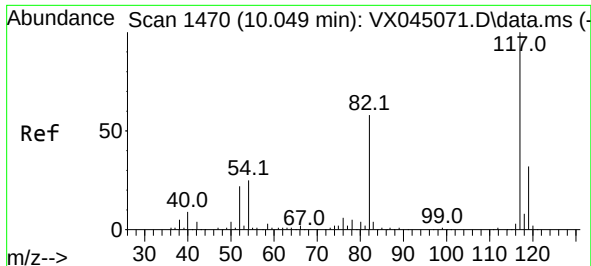
Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 143.2 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 50.939 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion: 95 Resp: 50744
Ion Ratio Lower Upper
95 100
174 73.3 0.0 148.2
176 70.1 0.0 141.4

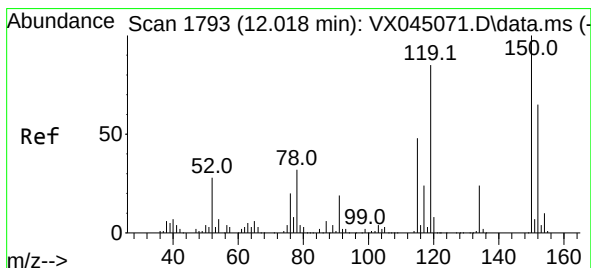
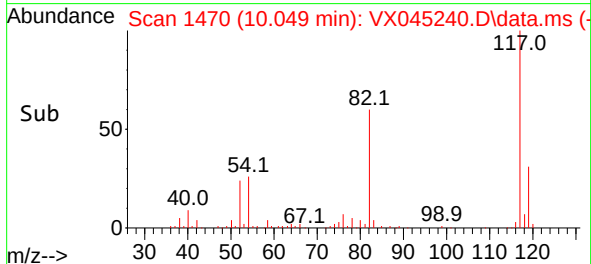
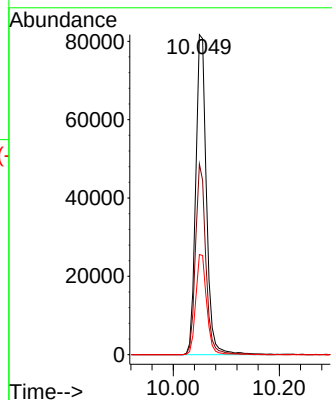
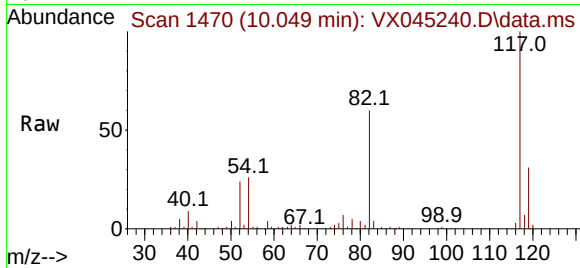




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

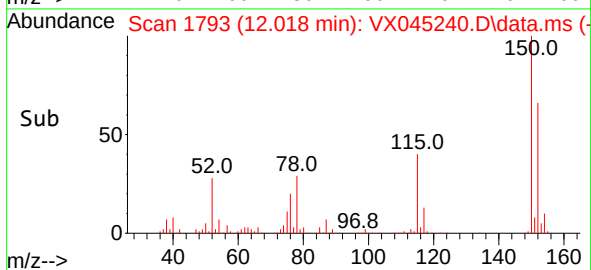
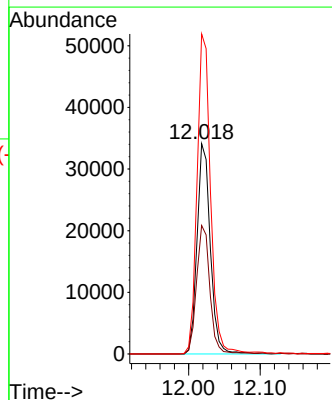
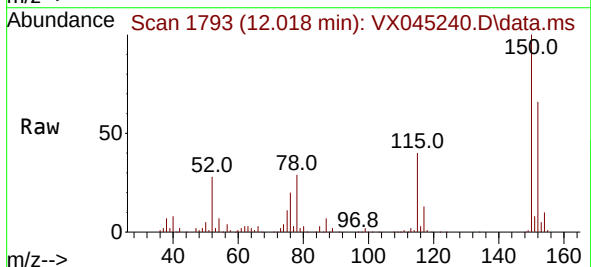
Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

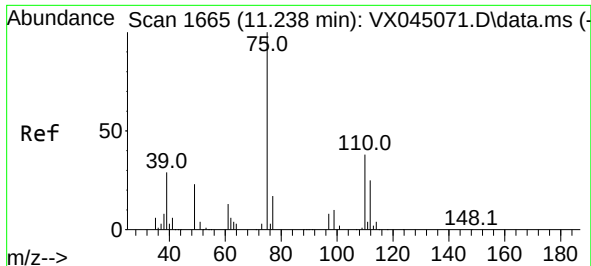
Tgt Ion:117 Resp: 114608
Ion Ratio Lower Upper
117 100
82 59.6 46.3 69.5
119 31.3 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion:152 Resp: 43950
Ion Ratio Lower Upper
152 100
115 61.2 44.2 132.6
150 153.8 0.0 349.0

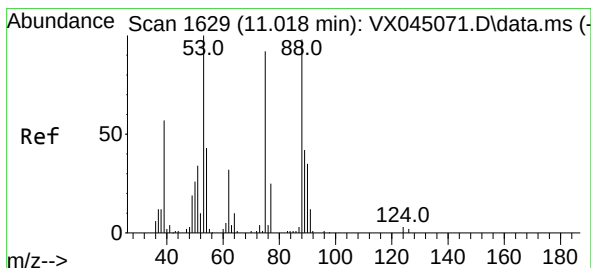
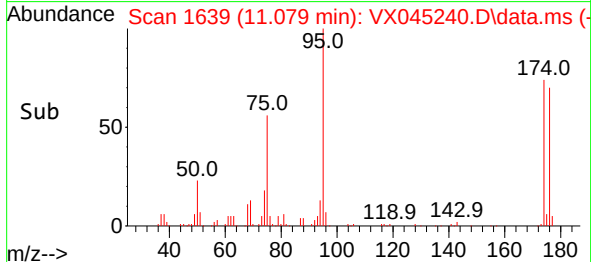
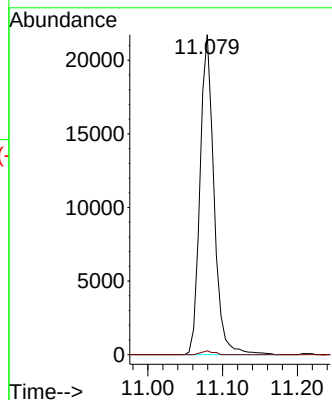
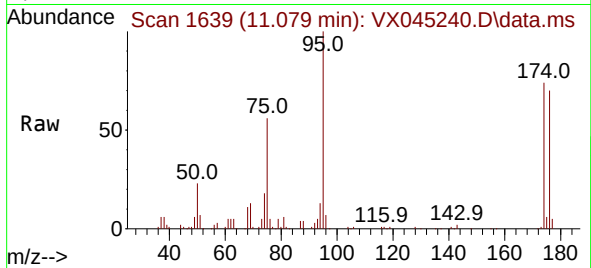




#76
1,2,3-Trichloropropane
Concen: 27.634 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
VX0312WBL01

Tgt Ion: 75 Resp: 28268
Ion Ratio Lower Upper
75 100
77 1.1 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045240.D
Acq: 12 Mar 2025 11:49

Tgt Ion: 75 Resp: 28268
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

