

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045267.D
 Acq On : 13 Mar 2025 14:23
 Operator : JC/MD
 Sample : Q1559-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:28:28 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	67458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	58686	54.692	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.380%
35) Dibromofluoromethane	5.385	113	46751	52.506	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.020%
50) Toluene-d8	8.647	98	167685	51.947	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.900%
62) 4-Bromofluorobenzene	11.079	95	55996	52.349	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.700%

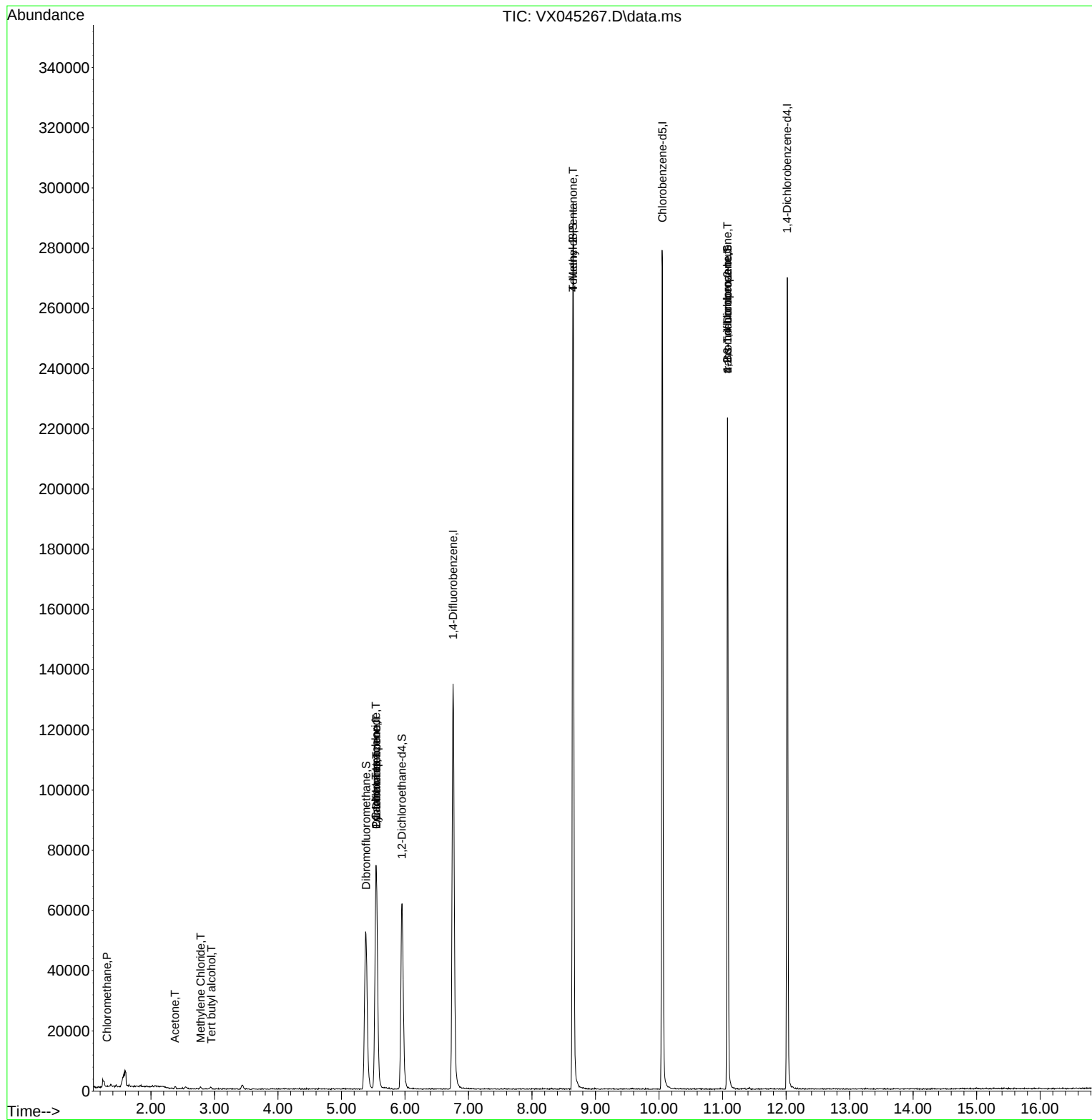
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	242	0.233	ug/l #	43
11) Tert butyl alcohol	2.953	59	154	0.758	ug/l #	73
16) Acetone	2.380	43	868	1.744	ug/l #	87
20) Methylene Chloride	2.782	84	321	0.325	ug/l #	78
31) Cyclohexane	5.550	56	1760	1.206	ug/l #	19
36) 1,1-Dichloropropene	5.550	75	6025	4.934	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7283	5.875	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	906	0.580	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30376	25.944	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30376	88.785	ug/l #	6

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

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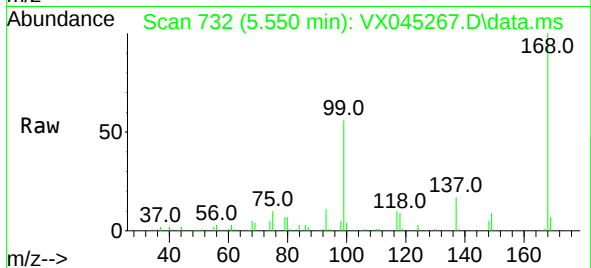
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



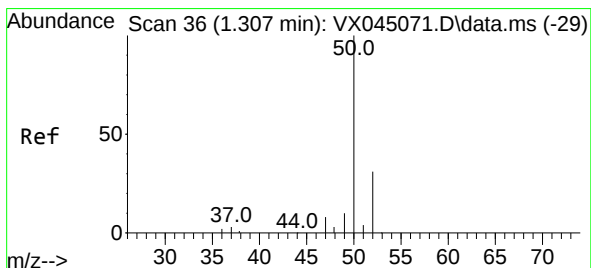
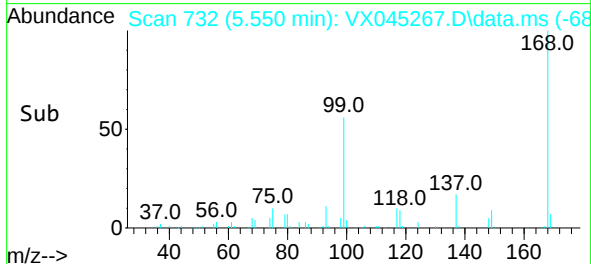
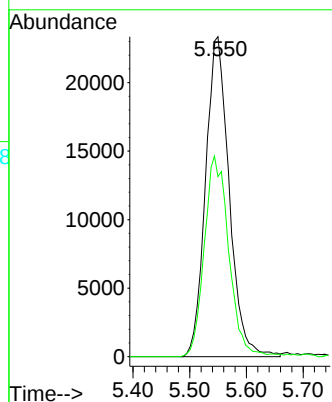


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Instrument :
MSVOA_X
ClientSampleId :

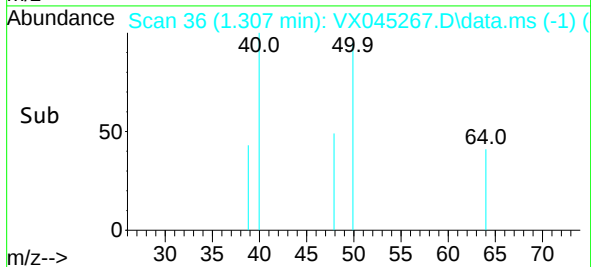
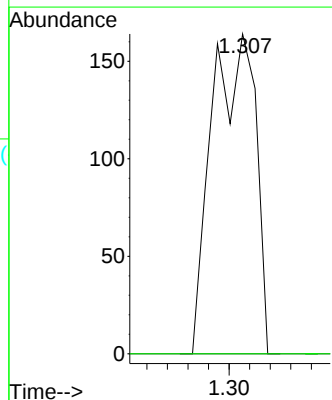
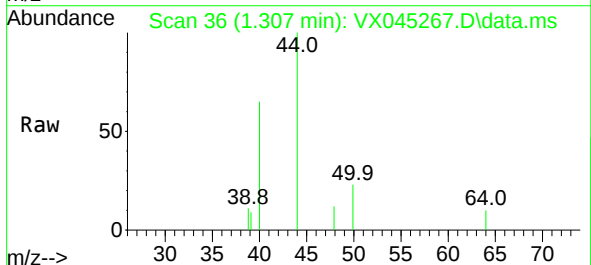


Tgt Ion:168 Resp: 67458
Ion Ratio Lower Upper
168 100
99 56.3 48.2 72.4



#3
Chloromethane
Concen: 0.233 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Tgt Ion: 50 Resp: 242
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.758 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.031 min

Lab File: VX045267.D

Acq: 13 Mar 2025 14:23

Instrument :

MSVOA_X

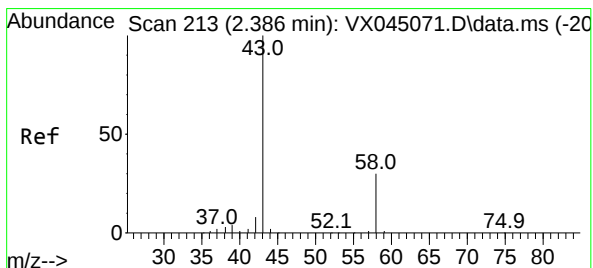
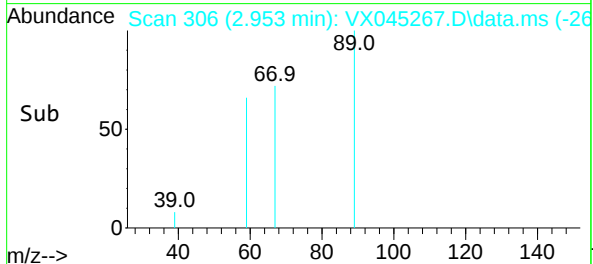
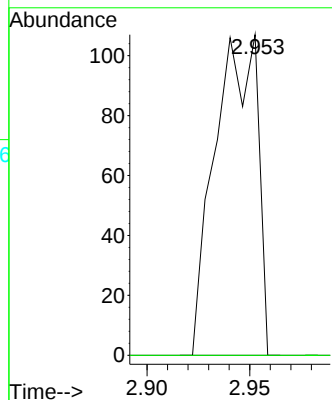
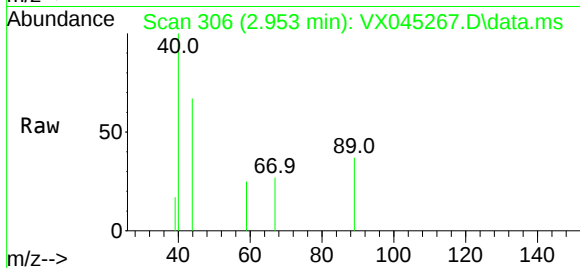
ClientSampleId :

Tgt Ion: 59 Resp: 154

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.744 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045267.D

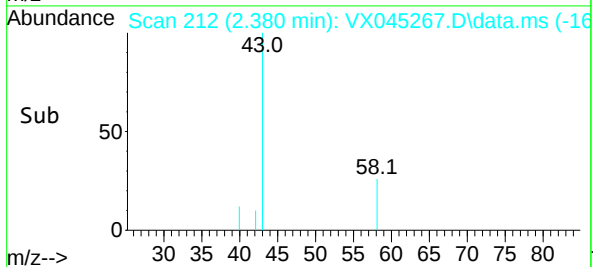
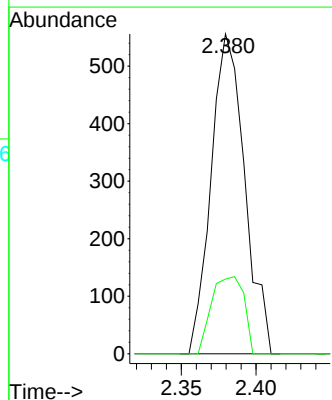
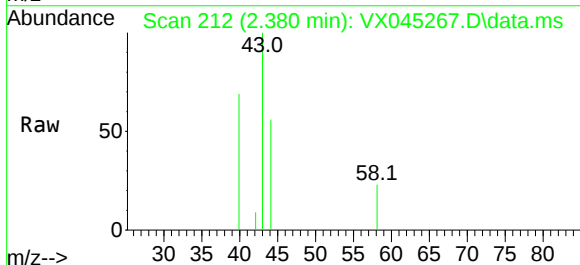
Acq: 13 Mar 2025 14:23

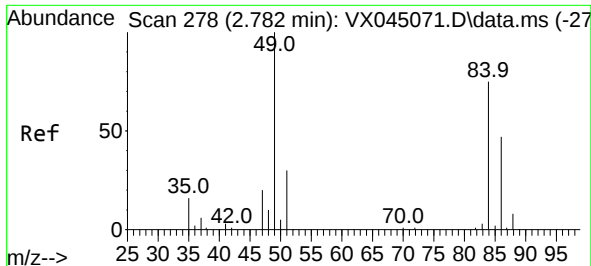
Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

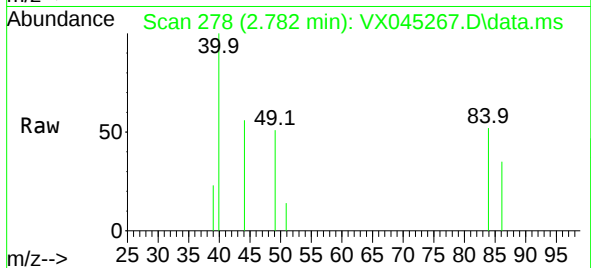
58 23.4 24.2 36.4#



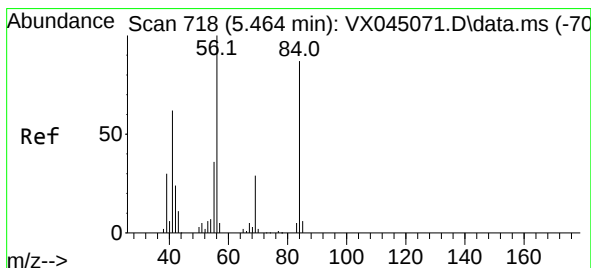
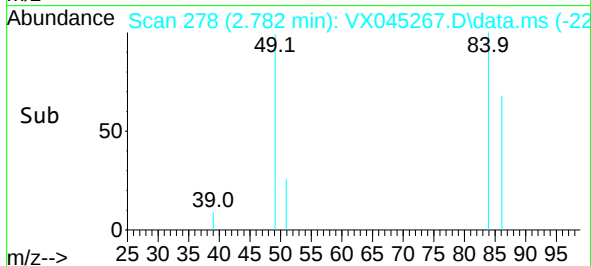
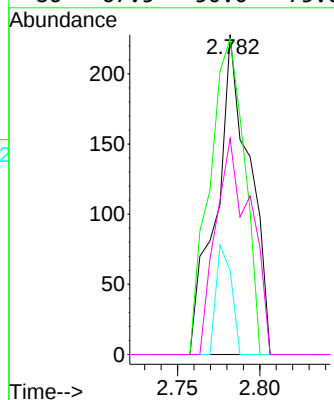


#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Instrument :
MSVOA_X
ClientSampleId :

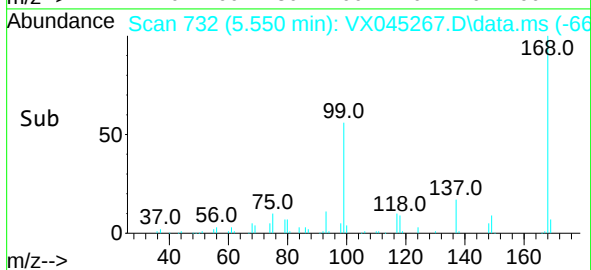
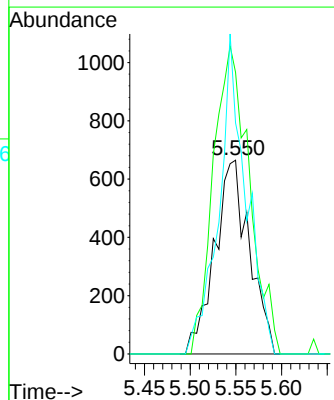
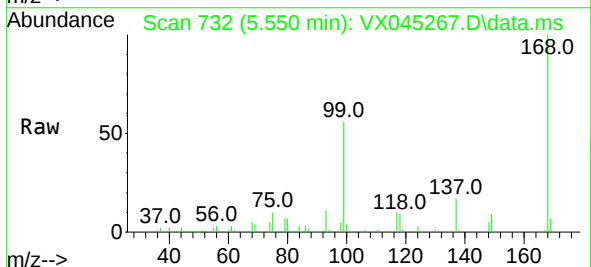


Tgt Ion:	84	Resp:	321
Ion	Ratio	Lower	Upper
84	100		
49	98.7	106.5	159.7#
51	26.3	32.1	48.1#
86	67.5	50.0	75.0



#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Tgt Ion:	56	Resp:	1760
Ion	Ratio	Lower	Upper
56	100		
69	145.3	23.4	35.2#
84	119.2	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 54.692 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045267.D

Acq: 13 Mar 2025 14:23

Instrument :

MSVOA_X

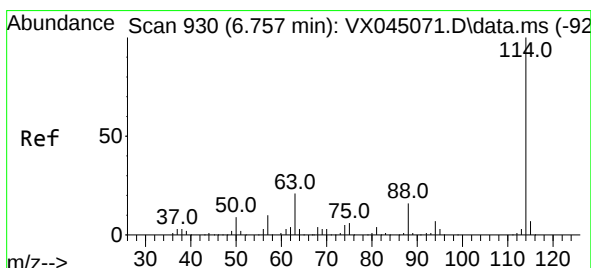
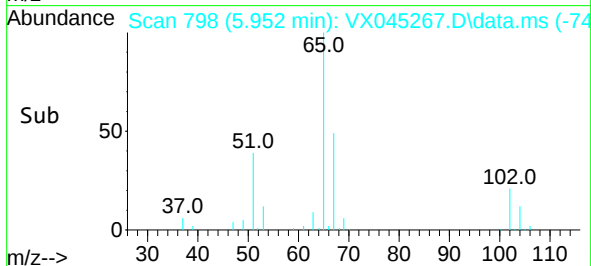
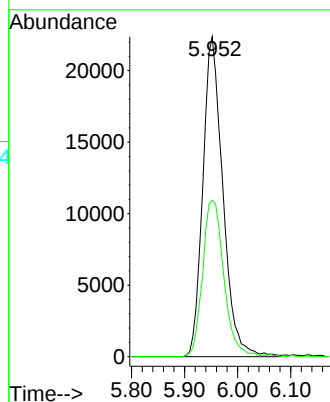
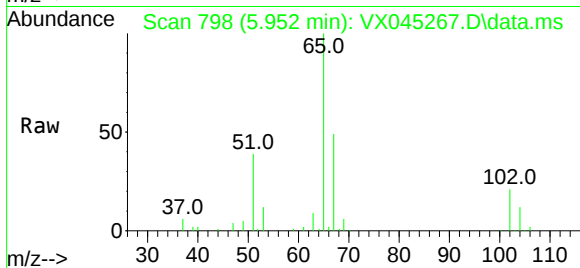
ClientSampleId :

Tgt Ion: 65 Resp: 58686

Ion Ratio Lower Upper

65 100

67 51.7 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: VX045267.D

Acq: 13 Mar 2025 14:23

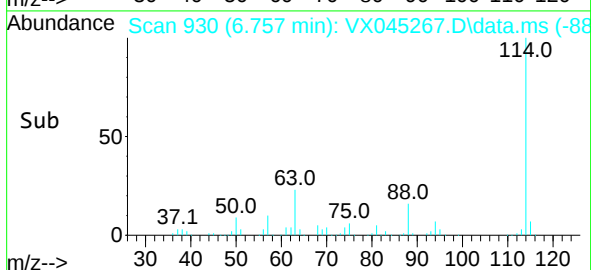
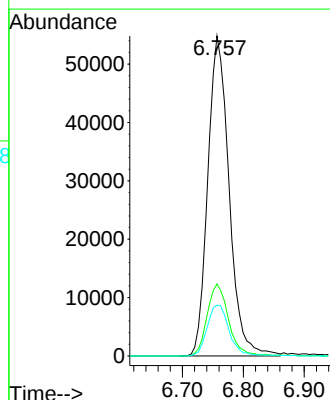
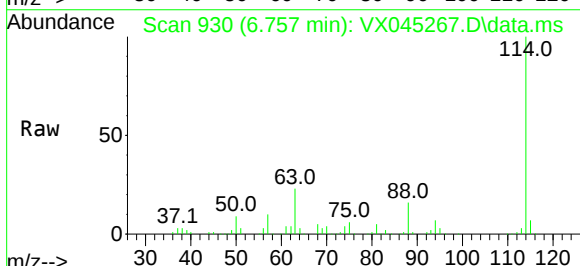
Tgt Ion: 114 Resp: 133158

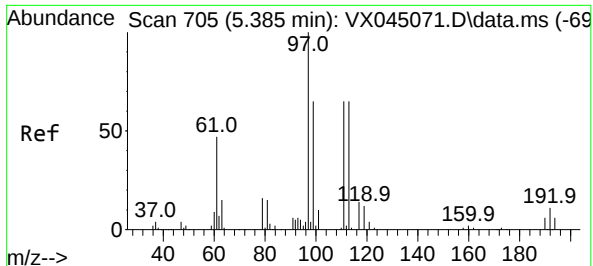
Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

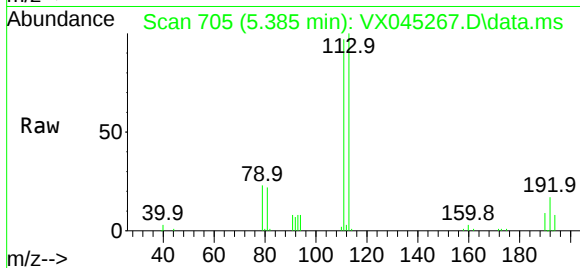
88 15.9 0.0 32.8



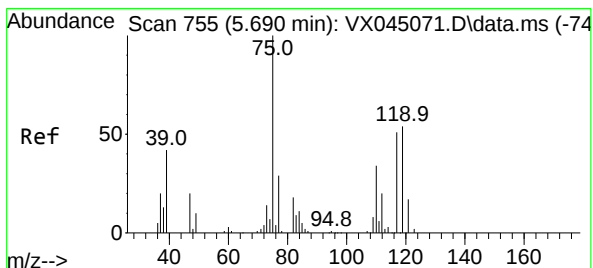
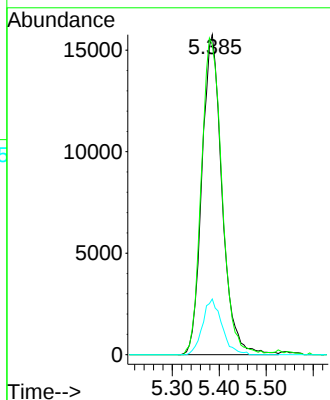
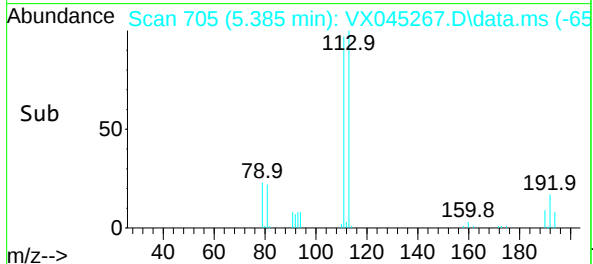


#35
Dibromofluoromethane
Concen: 52.506 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Instrument :
MSVOA_X
ClientSampleId :

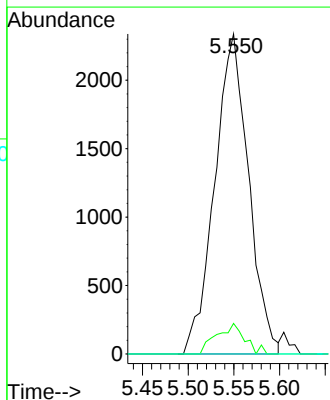
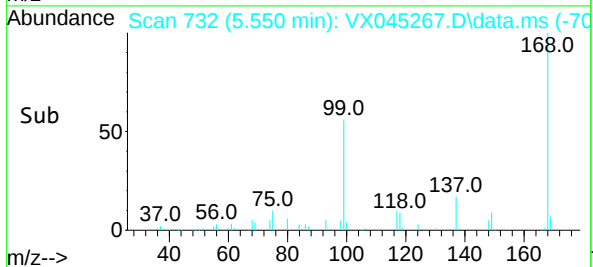
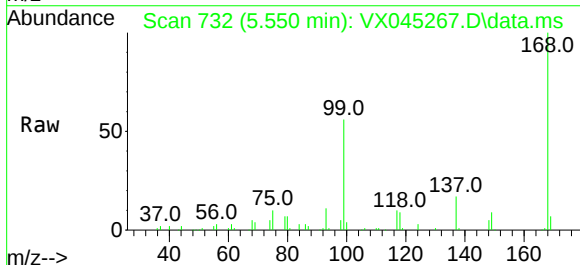


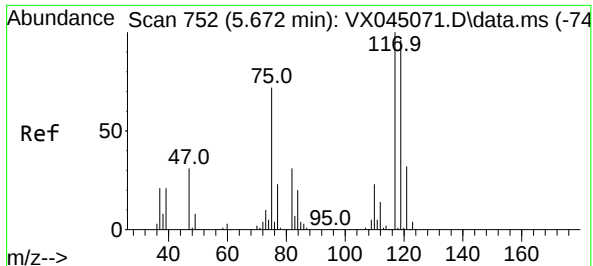
Tgt Ion:113 Resp: 46751
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.6
192 16.8 14.3 21.5



#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

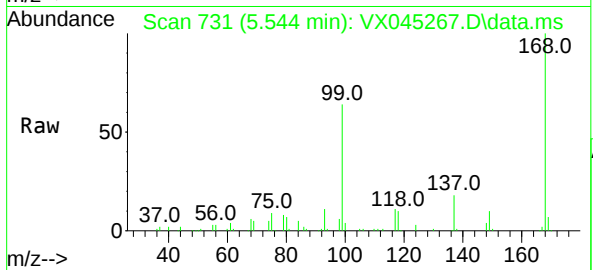
Tgt Ion: 75 Resp: 6025
Ion Ratio Lower Upper
75 100
110 7.9 16.9 50.6#
77 0.0 24.5 36.7#



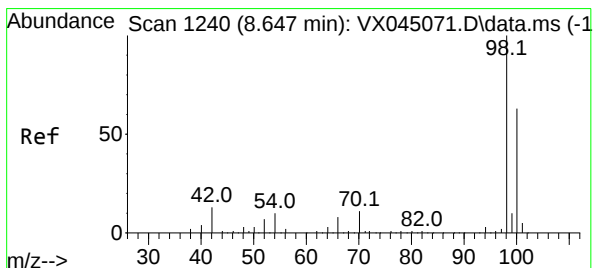
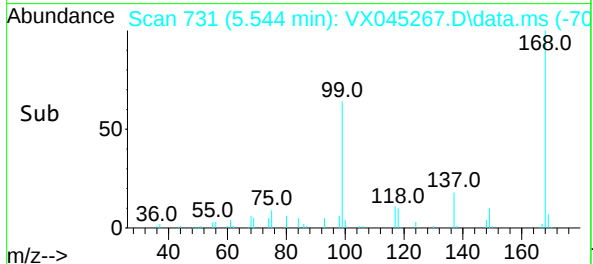
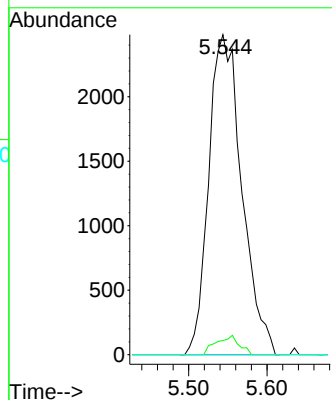


#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Instrument :
MSVOA_X
ClientSampleId :

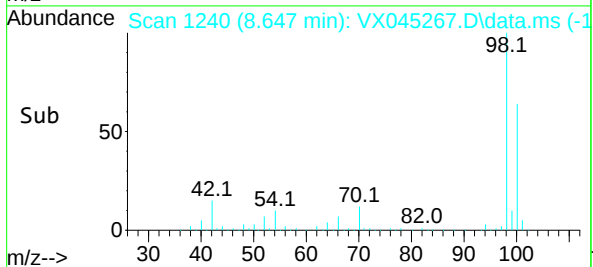
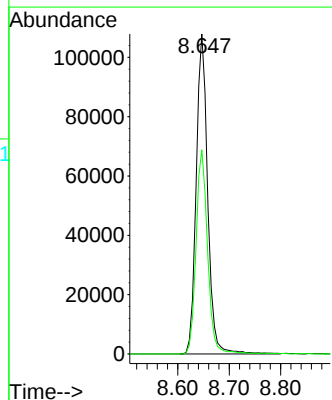
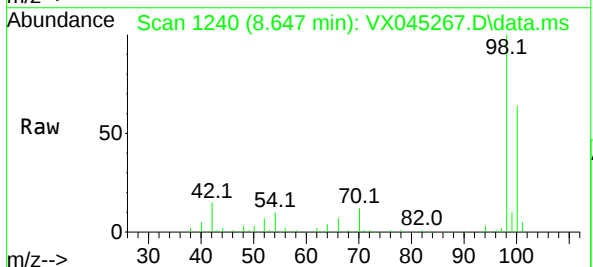


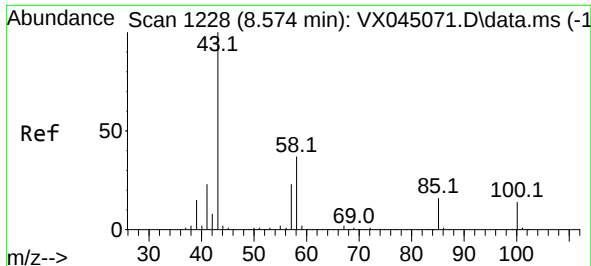
Tgt Ion:117 Resp: 7283
Ion Ratio Lower Upper
117 100
119 4.4 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.947 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Tgt Ion: 98 Resp: 167685
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0

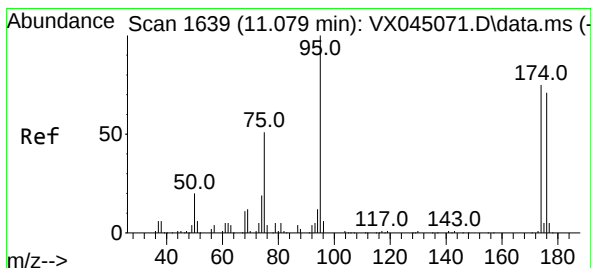
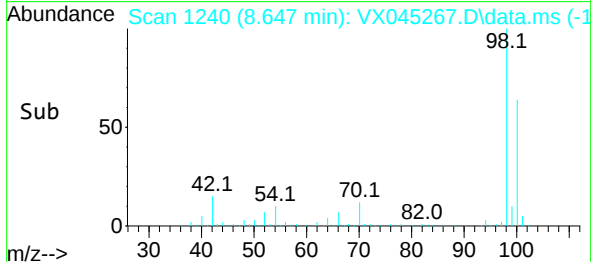
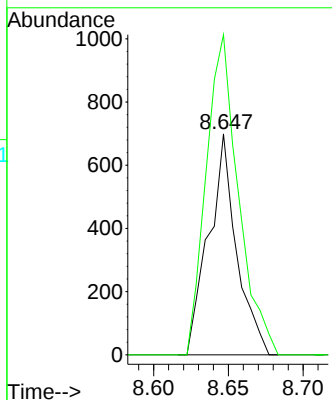
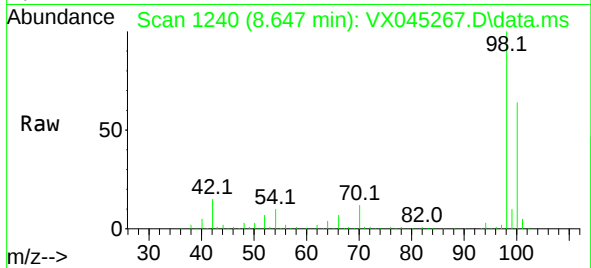




#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

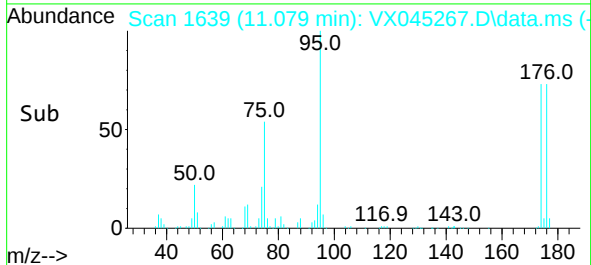
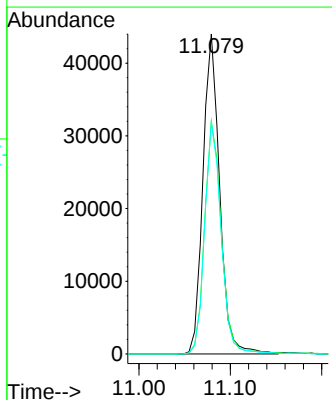
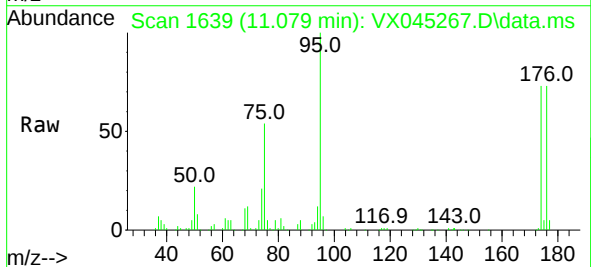
Instrument :
MSVOA_X
ClientSampleId :

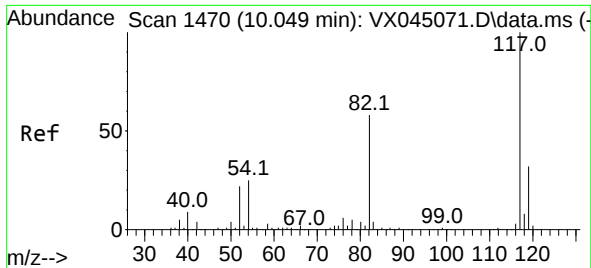
Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 167.2 29.2 43.8#



#62
4-Bromofluorobenzene
Concen: 52.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Tgt Ion: 95 Resp: 55996
Ion Ratio Lower Upper
95 100
174 73.4 0.0 148.2
176 71.4 0.0 141.4

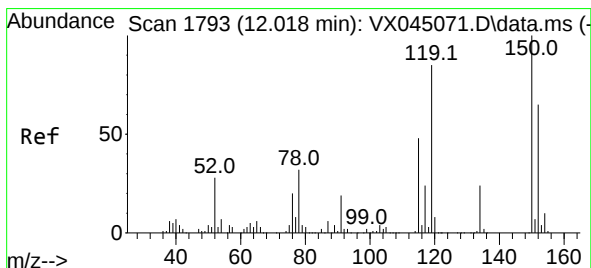
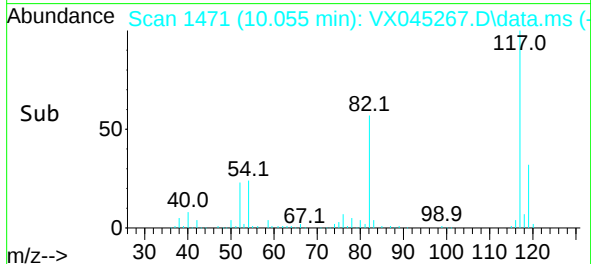
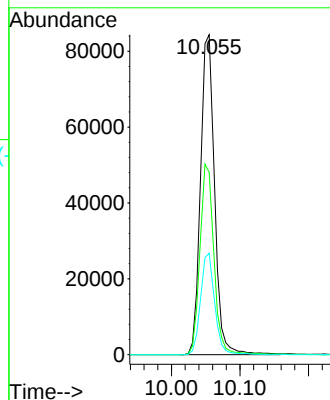
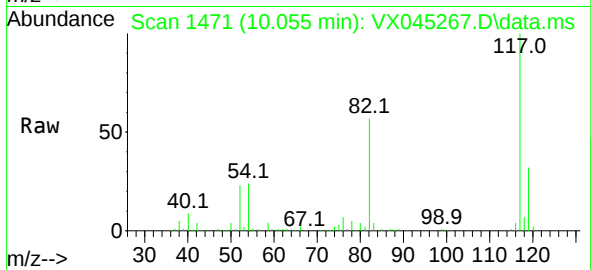




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

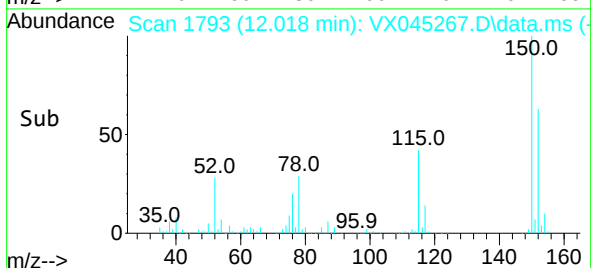
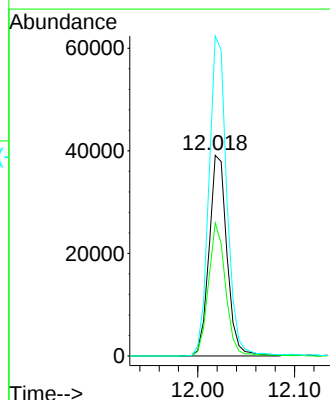
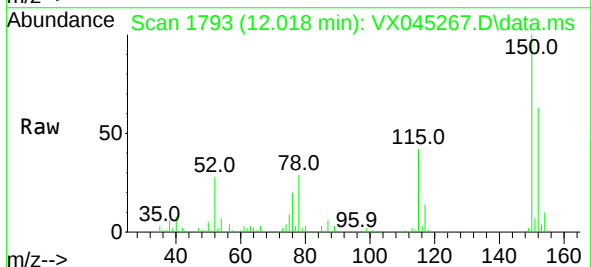
Instrument :
MSVOA_X
ClientSampleId :

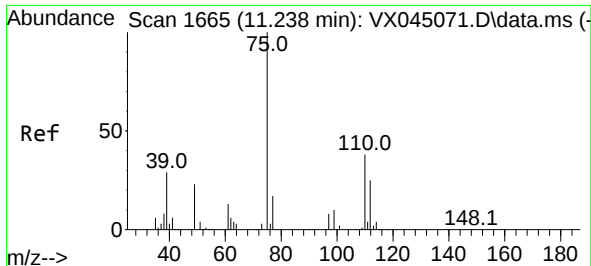
Tgt Ion:117 Resp: 121095
Ion Ratio Lower Upper
117 100
82 57.0 46.3 69.5
119 31.7 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Tgt Ion:152 Resp: 50304
Ion Ratio Lower Upper
152 100
115 63.7 44.2 132.6
150 159.4 0.0 349.0

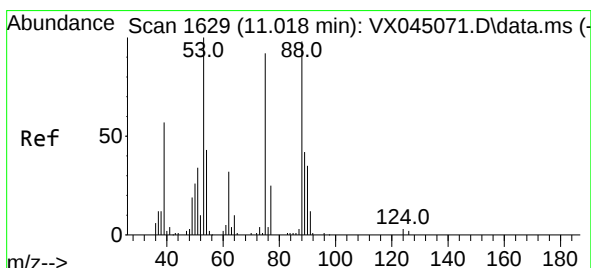
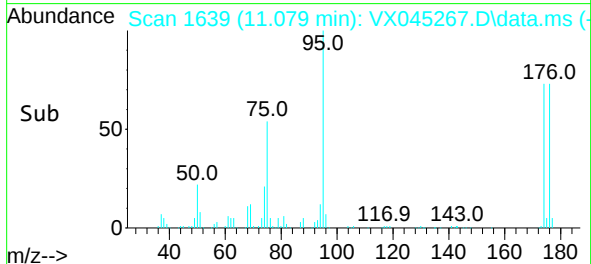
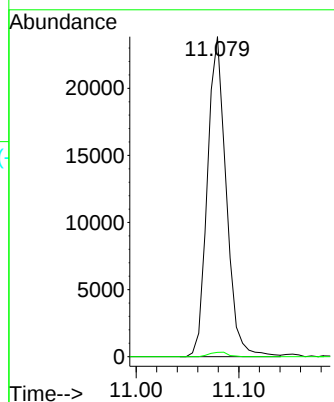
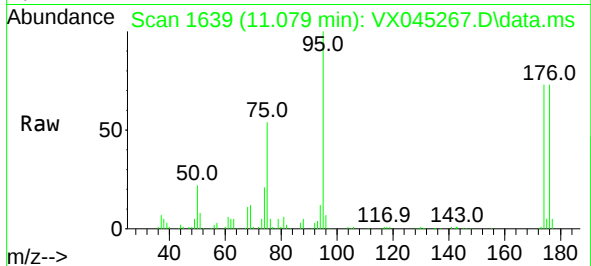




#76
1,2,3-Trichloropropane
Concen: 25.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30376
Ion Ratio Lower Upper
75 100
77 1.4 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.785 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045267.D
Acq: 13 Mar 2025 14:23

Tgt Ion: 75 Resp: 30376
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

