

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
 Data File : VX045229.D
 Acq On : 11 Mar 2025 17:06
 Operator : JC/MD
 Sample : Q1541-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 205703

Quant Time: Mar 12 01:52:14 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)

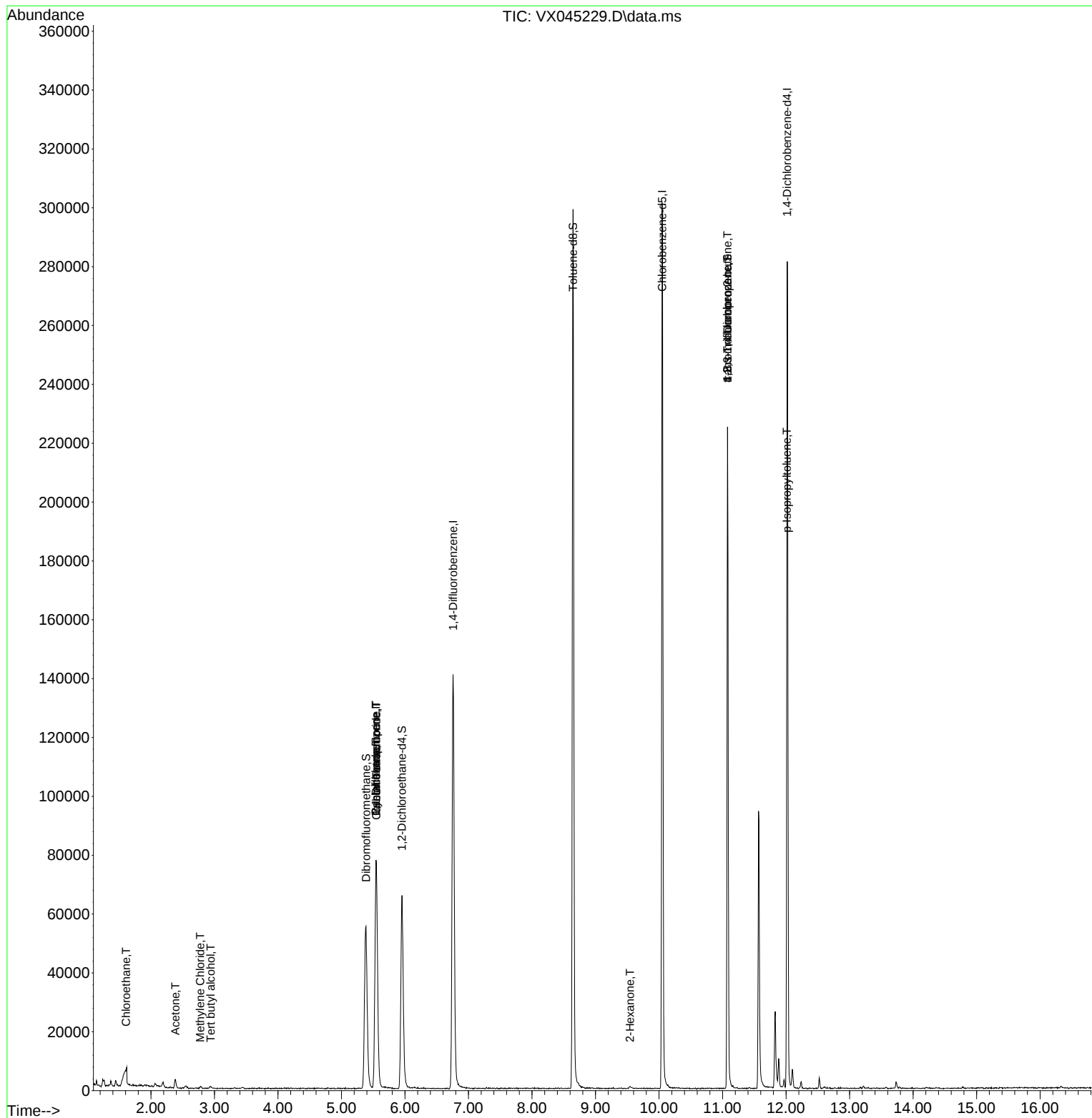
Internal Standards						
1) Pentafluorobenzene	5.543	168	71218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	141227	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54624	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60769	53.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.280%	
35) Dibromofluoromethane	5.385	113	48874	51.754	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.500%	
50) Toluene-d8	8.646	98	174999	51.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	11.079	95	58710	51.751	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.605	64	141	0.281	ug/l #	41
11) Tert butyl alcohol	2.940	59	224	1.044	ug/l #	73
16) Acetone	2.385	43	3162	6.016	ug/l	98
20) Methylene Chloride	2.776	84	308	0.296	ug/l #	87
31) Cyclohexane	5.543	56	1937	1.257	ug/l #	31
36) 1,1-Dichloropropene	5.543	75	6476	5.000	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7478	5.687	ug/l #	17
59) 2-Hexanone	9.543	43	258	0.215	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	32490	25.555	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32490	87.454	ug/l #	6
86) p-Isopropyltoluene	12.012	119	856	0.250	ug/l #	61

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045229.D
Acq On : 11 Mar 2025 17:06
Operator : JC/MD
Sample : Q1541-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
205703

Quant Time: Mar 12 01:52:14 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

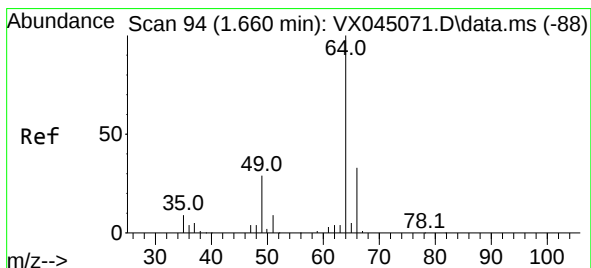
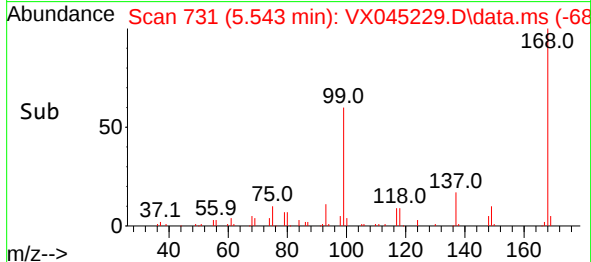
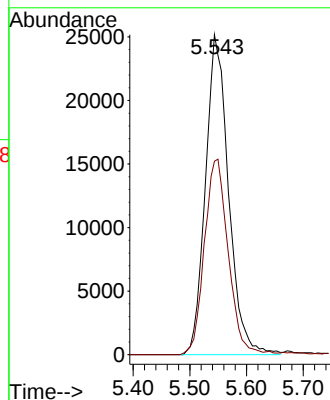
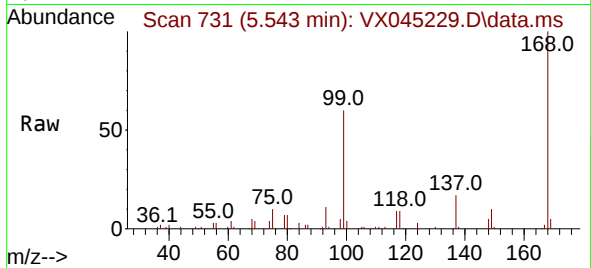




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

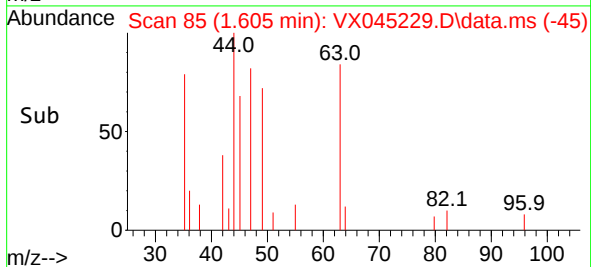
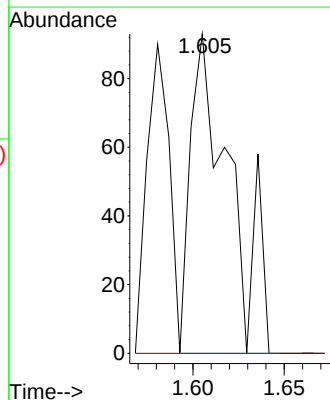
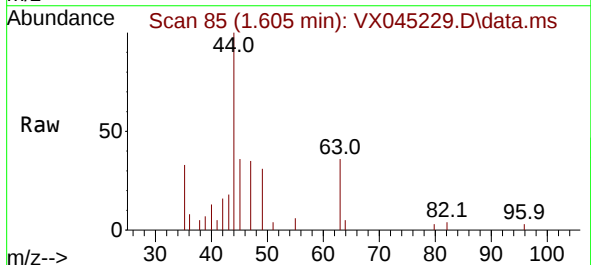
Instrument :
MSVOA_X
ClientSampleId :
205703

Tgt Ion:168 Resp: 71218
Ion Ratio Lower Upper
168 100
99 60.4 48.2 72.4



#6
Chloroethane
Concen: 0.281 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.055 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Tgt Ion: 64 Resp: 141
Ion Ratio Lower Upper
64 100
66 0.0 26.7 40.1#





#11

Tert butyl alcohol

Concen: 1.044 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045229.D

Acq: 11 Mar 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

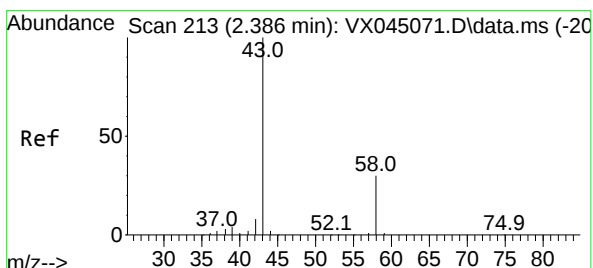
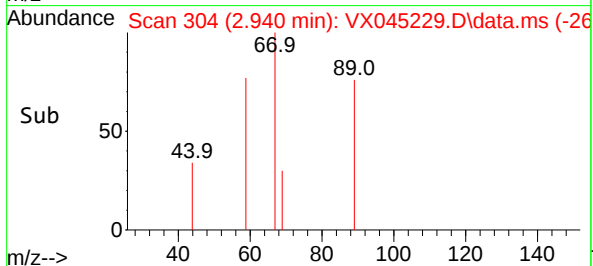
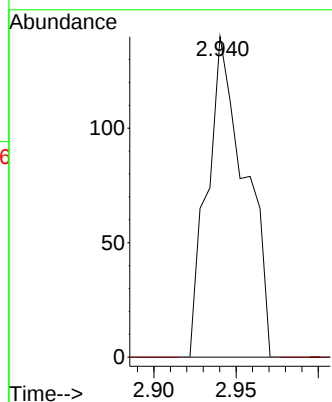
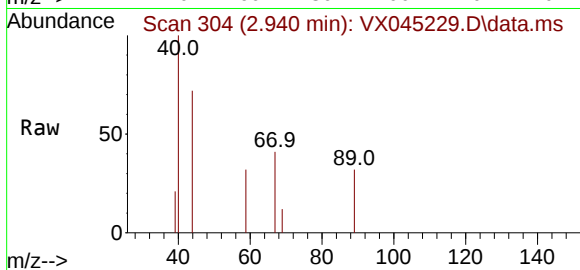
205703

Tgt Ion: 59 Resp: 224

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 6.016 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045229.D

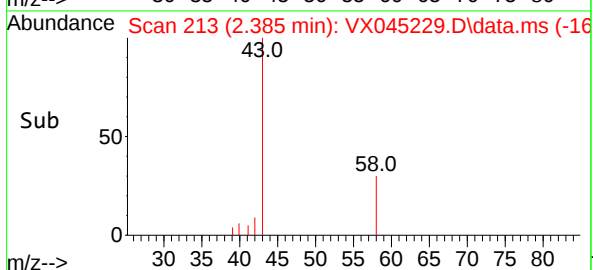
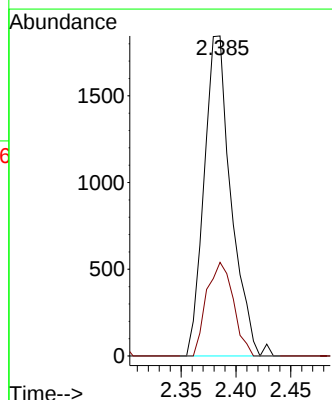
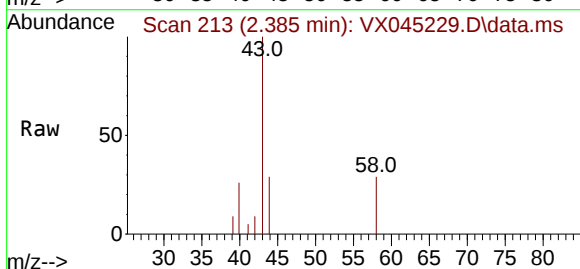
Acq: 11 Mar 2025 17:06

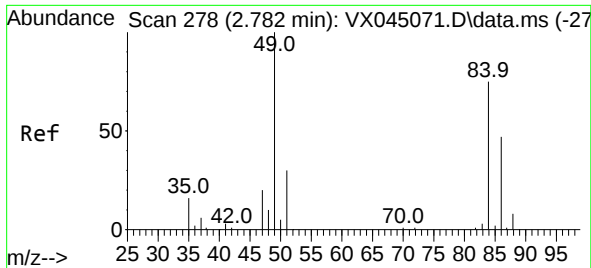
Tgt Ion: 43 Resp: 3162

Ion Ratio Lower Upper

43 100

58 29.3 24.2 36.4

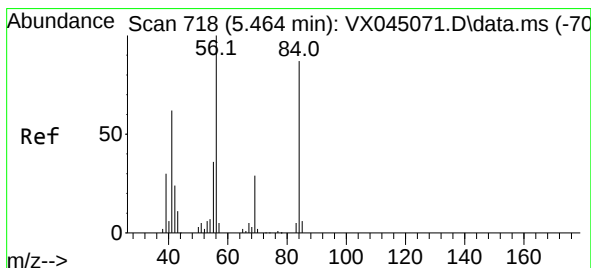
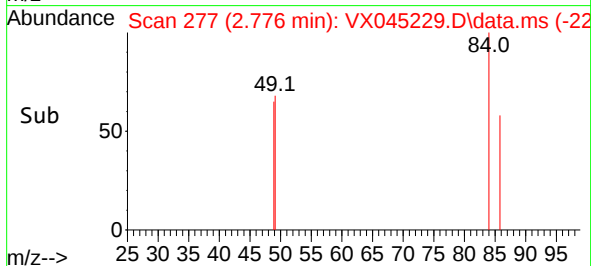
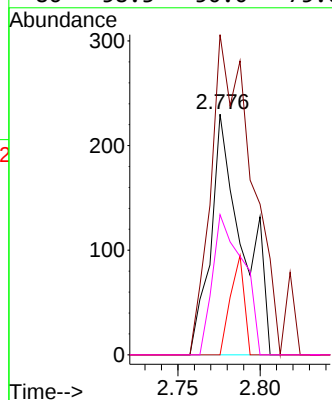
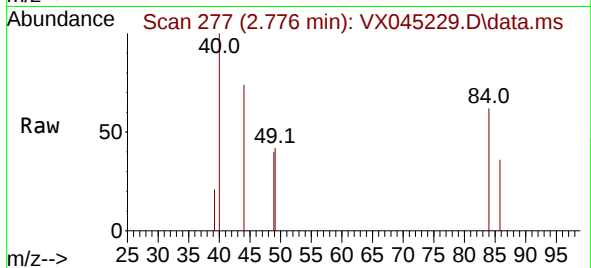




#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

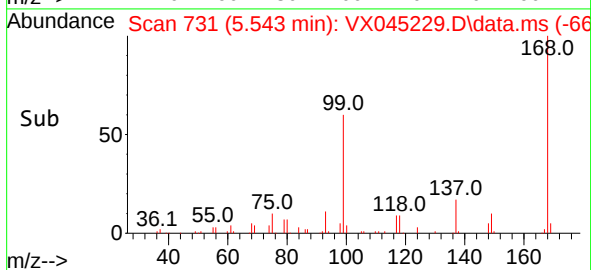
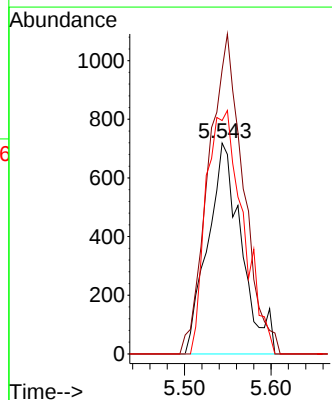
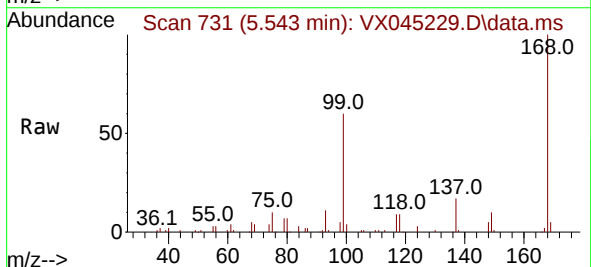
Instrument :
MSVOA_X
ClientSampleId :
205703

Tgt Ion:	84	Resp:	308
Ion	Ratio	Lower	Upper
84	100		
49	133.0	106.5	159.7
51	0.0	32.1	48.1#
86	58.3	50.0	75.0



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Tgt Ion:	56	Resp:	1937
Ion	Ratio	Lower	Upper
56	100		
69	134.8	23.4	35.2#
84	110.7	69.4	104.2#





#33

1,2-Dichloroethane-d4

Concen: 53.644 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045229.D

Acq: 11 Mar 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

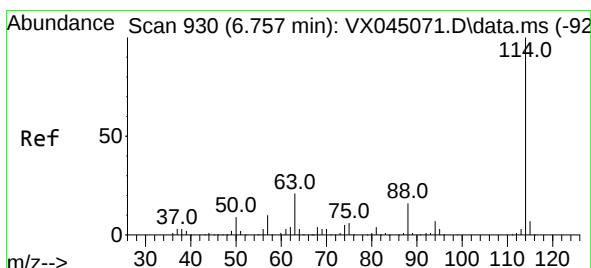
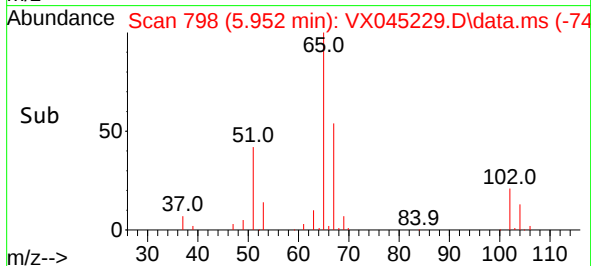
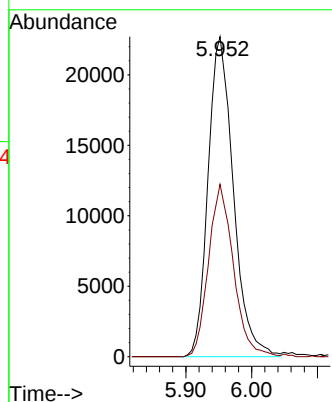
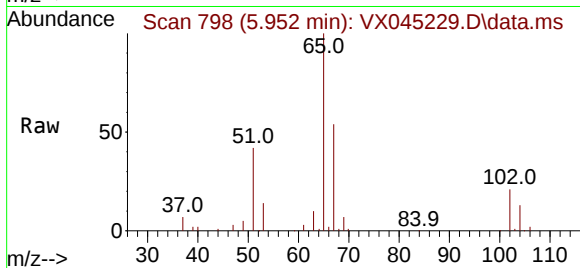
205703

Tgt Ion: 65 Resp: 60769

Ion Ratio Lower Upper

65 100

67 53.0 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: VX045229.D

Acq: 11 Mar 2025 17:06

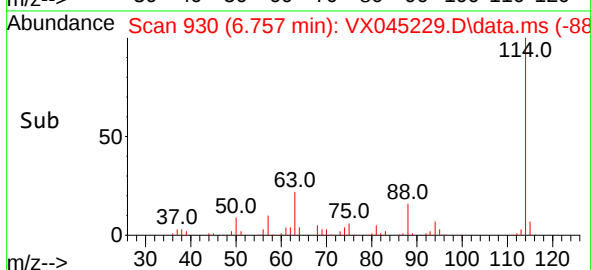
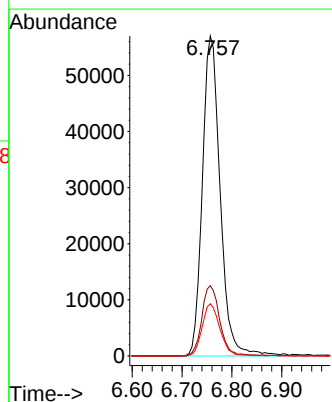
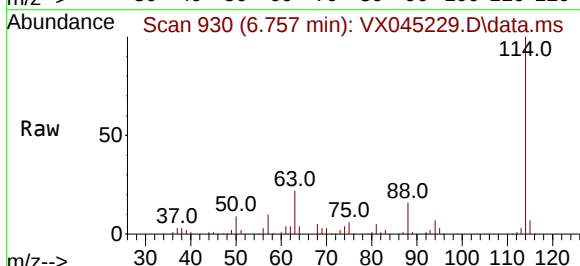
Tgt Ion: 114 Resp: 141227

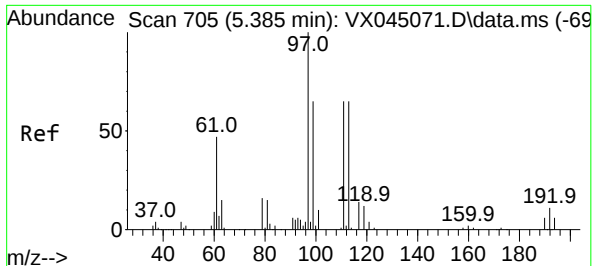
Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

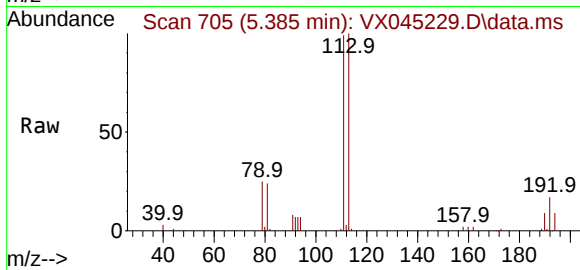
88 16.3 0.0 32.8



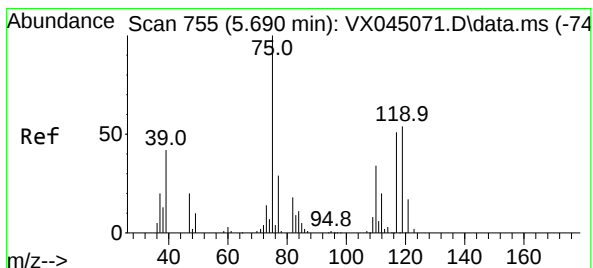
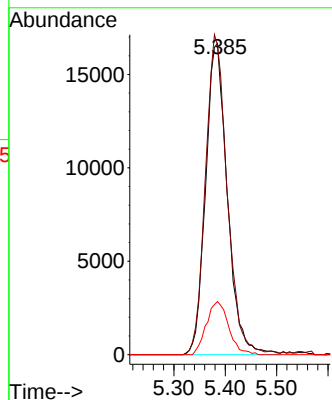
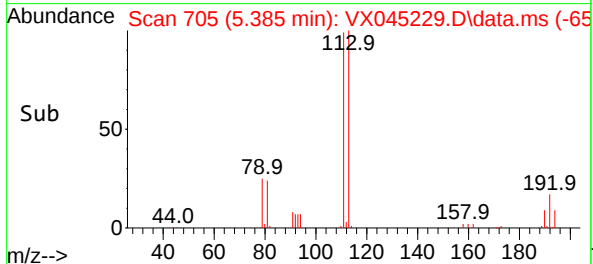


#35
Dibromofluoromethane
Concen: 51.754 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
205703

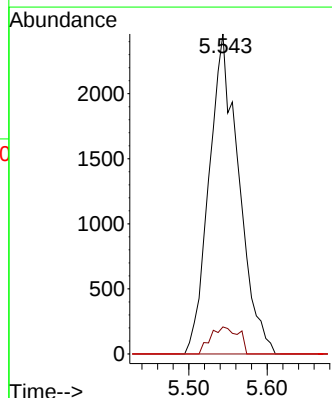
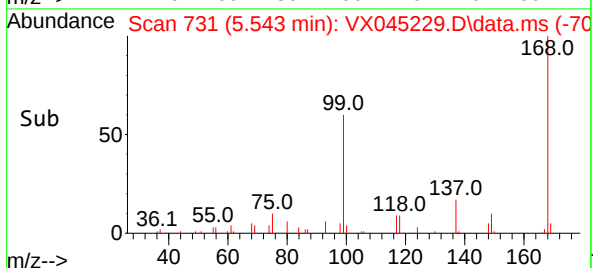
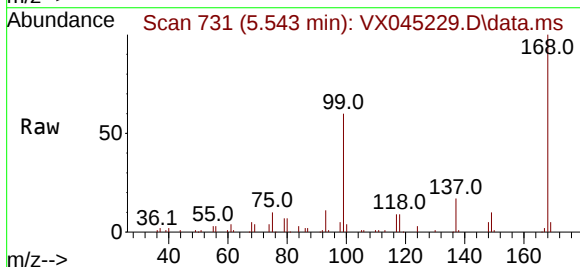


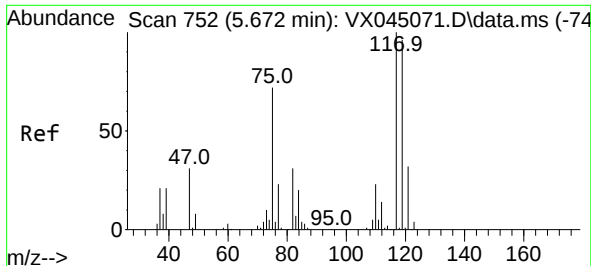
Tgt Ion:113 Resp: 48874
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.6
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

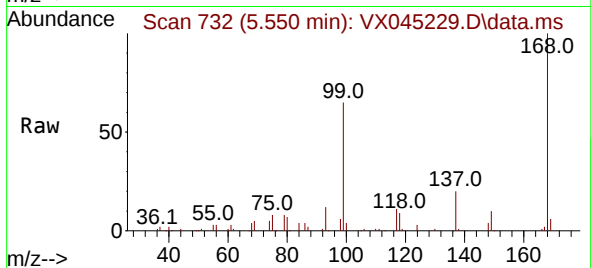
Tgt Ion: 75 Resp: 6476
Ion Ratio Lower Upper
75 100
110 8.0 16.9 50.6#
77 0.0 24.5 36.7#



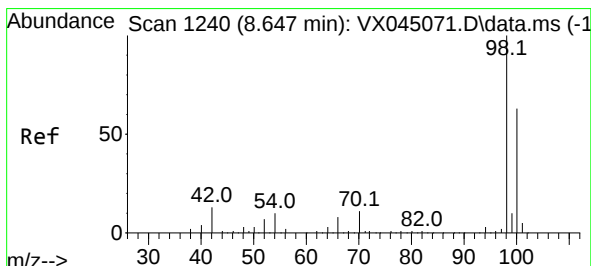
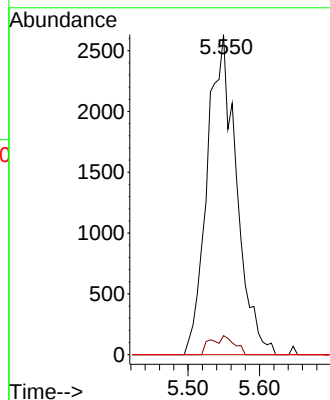
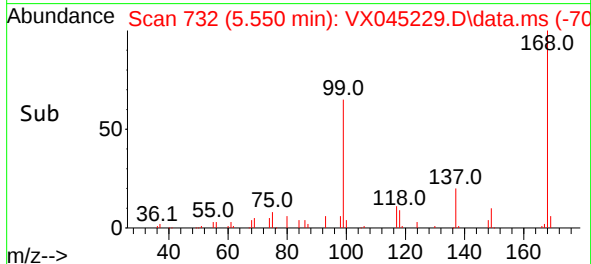


#38
Carbon Tetrachloride
Concen: 5.687 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Instrument :
MSVOA_X
ClientSampleId :
205703

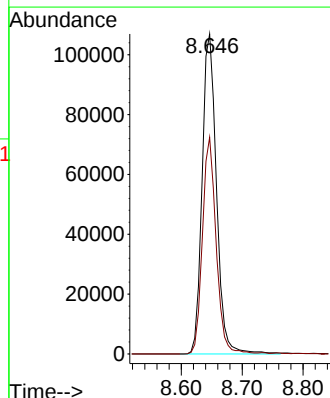
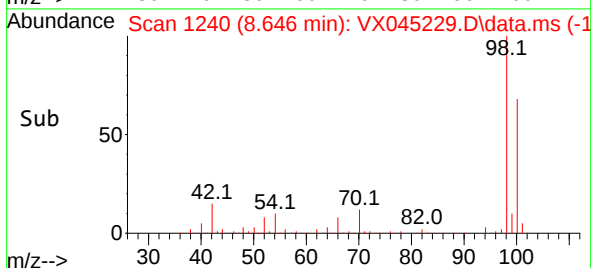
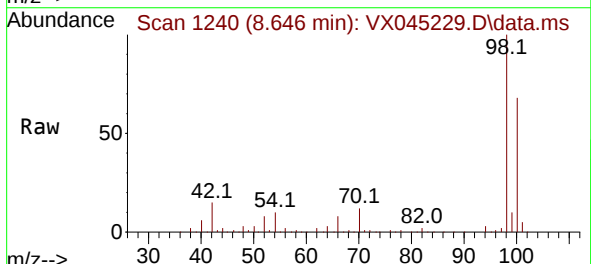


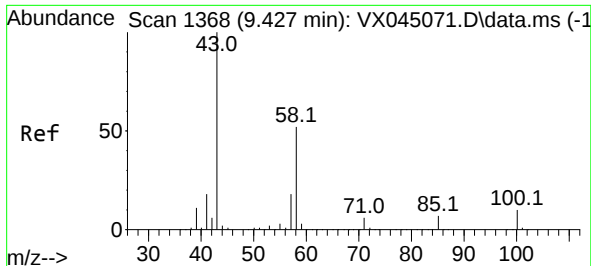
Tgt Ion:117 Resp: 7478
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.116 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Tgt Ion: 98 Resp: 174999
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#59

2-Hexanone

Concen: 0.215 ug/l

RT: 9.543 min Scan# 11

Delta R.T. 0.115 min

Lab File: VX045229.D

Acq: 11 Mar 2025 17:06

Instrument :

MSVOA_X

ClientSampleId :

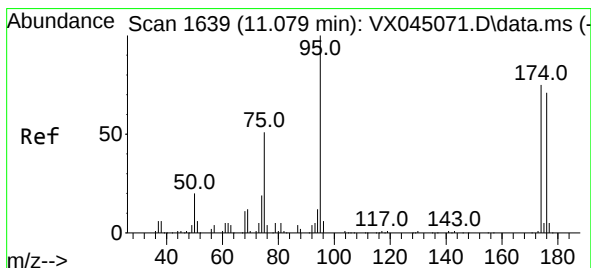
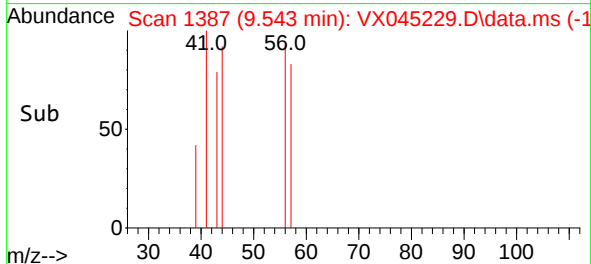
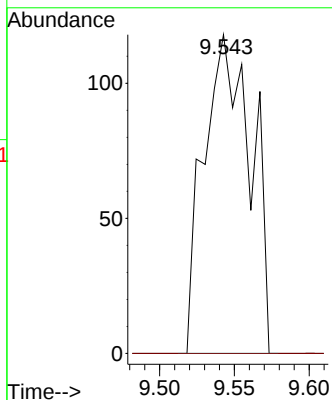
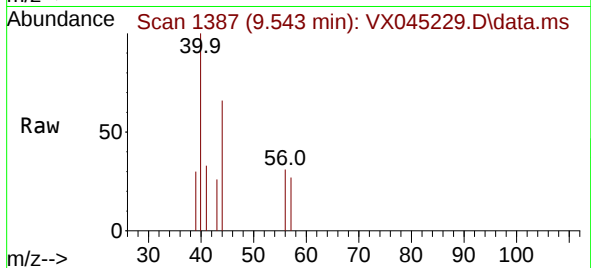
205703

Tgt Ion: 43 Resp: 258

Ion Ratio Lower Upper

43 100

58 0.0 25.9 77.6#



#62

4-Bromofluorobenzene

Concen: 51.751 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045229.D

Acq: 11 Mar 2025 17:06

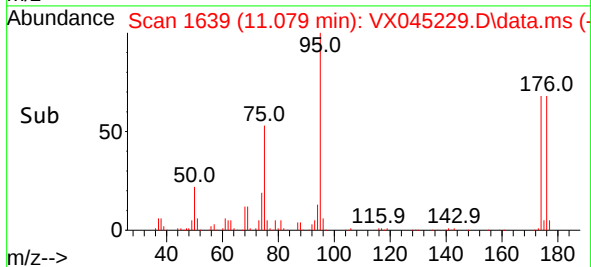
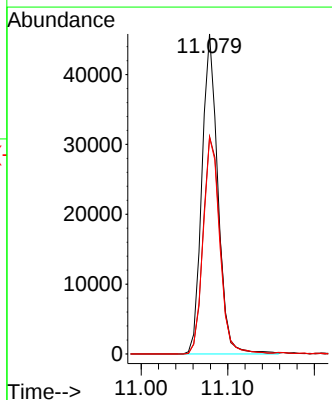
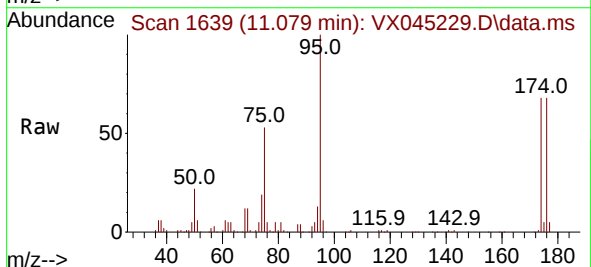
Tgt Ion: 95 Resp: 58710

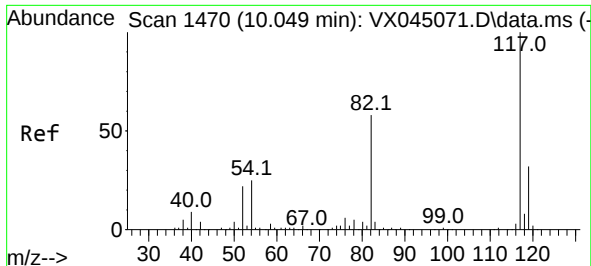
Ion Ratio Lower Upper

95 100

174 71.7 0.0 148.2

176 70.4 0.0 141.4

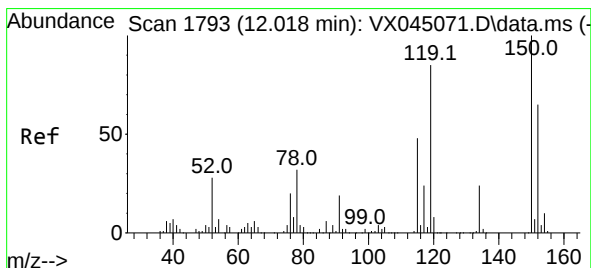
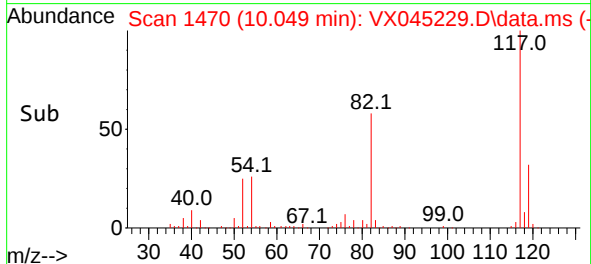
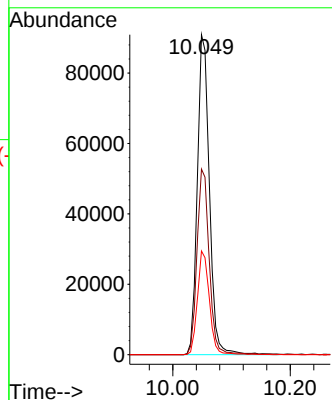
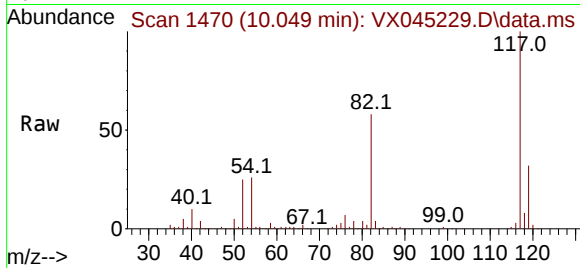




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

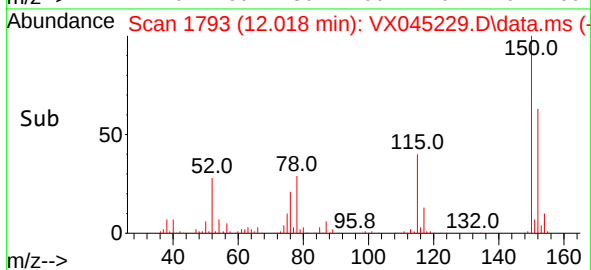
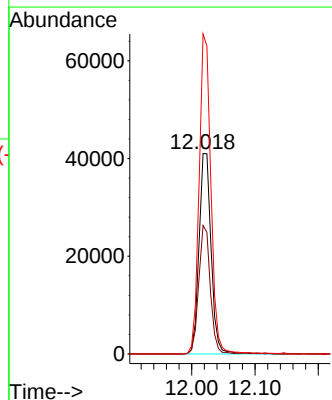
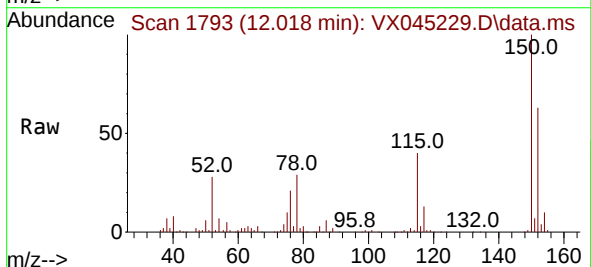
Instrument :
MSVOA_X
ClientSampleId :
205703

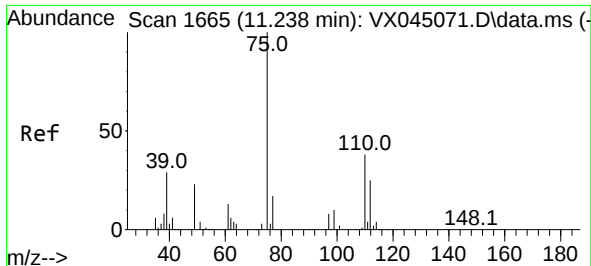
Tgt Ion:117 Resp: 129642
Ion Ratio Lower Upper
117 100
82 58.0 46.3 69.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Tgt Ion:152 Resp: 54624
Ion Ratio Lower Upper
152 100
115 61.3 44.2 132.6
150 155.4 0.0 349.0

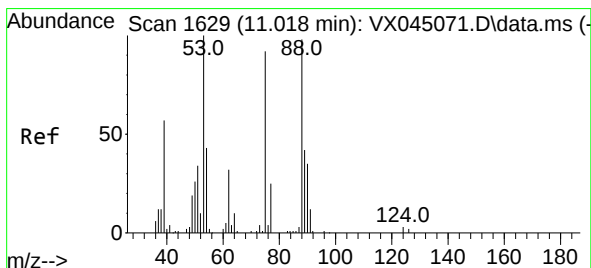
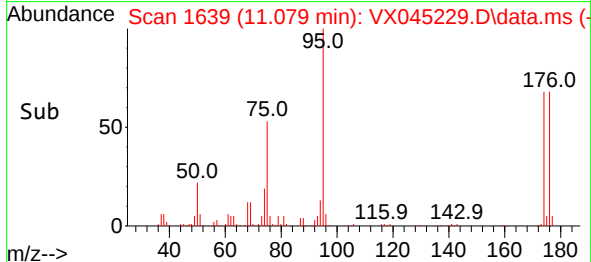
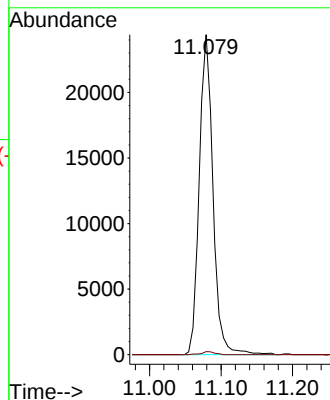
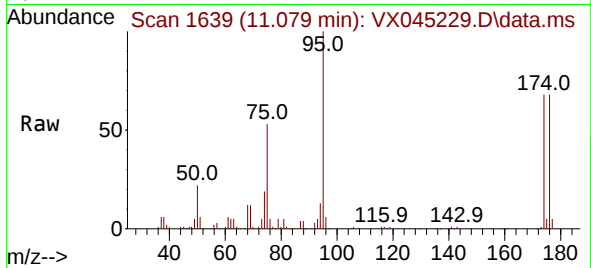




#76
1,2,3-Trichloropropane
Concen: 25.555 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

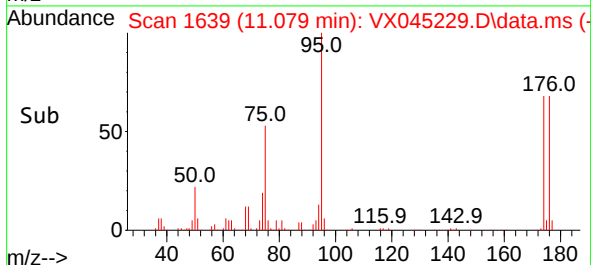
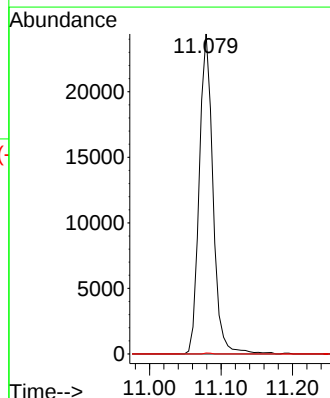
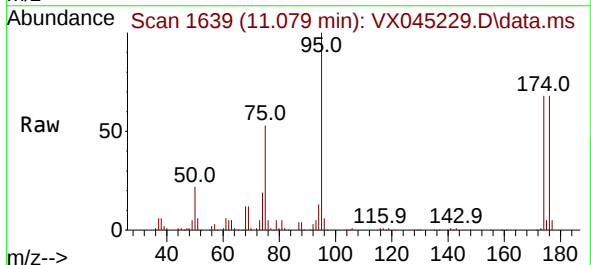
Instrument :
MSVOA_X
ClientSampleId :
205703

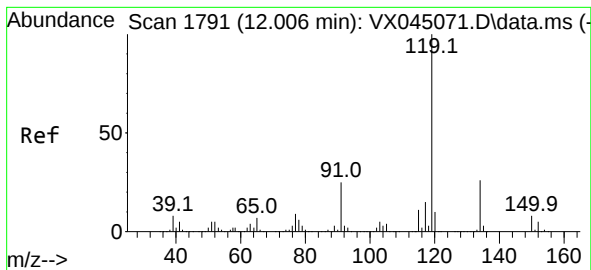
Tgt Ion: 75 Resp: 32490
Ion Ratio Lower Upper
75 100
77 0.9 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045229.D
Acq: 11 Mar 2025 17:06

Tgt Ion: 75 Resp: 32490
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.2 36.2 54.4#





#86
 p-Isopropyltoluene
 Concen: 0.250 ug/l
 RT: 12.012 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX045229.D
 Acq: 11 Mar 2025 17:06

Instrument :
 MSVOA_X
 ClientSampleId :
 205703

Tgt Ion:119 Resp: 856
 Ion Ratio Lower Upper
 119 100
 134 33.3 12.9 38.6
 91 56.8 12.7 38.0#

