

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
 Data File : VX045266.D
 Acq On : 13 Mar 2025 14:00
 Operator : JC/MD
 Sample : Q1526-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 14 12:28:20 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	65435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128551	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56242	54.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.080%
35) Dibromofluoromethane	5.379	113	44345	51.589	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	8.647	98	161746	51.903	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.800%
62) 4-Bromofluorobenzene	11.079	95	56263	54.484	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.960%

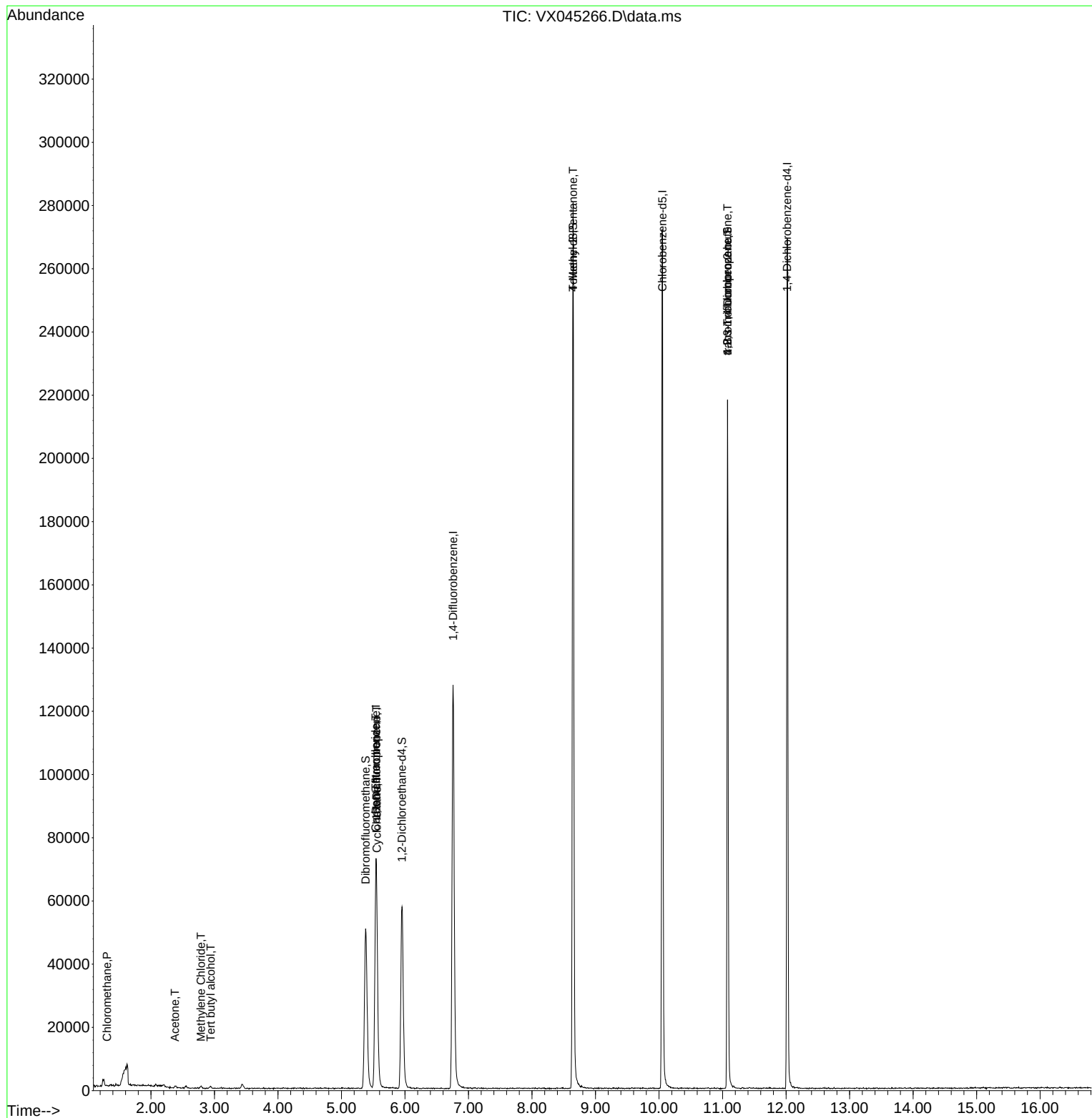
Target Compounds					Qvalue	
3) Chloromethane	1.307	50	303	0.301	ug/l #	43
11) Tert butyl alcohol	2.940	59	191	0.969	ug/l #	73
16) Acetone	2.380	43	755	1.563	ug/l #	73
20) Methylene Chloride	2.788	84	397	0.415	ug/l #	60
31) Cyclohexane	5.556	56	1822	1.287	ug/l #	29
36) 1,1-Dichloropropene	5.550	75	5975	5.069	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7261	6.067	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	980	0.650	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	30607	25.606	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	30607	87.629	ug/l #	6

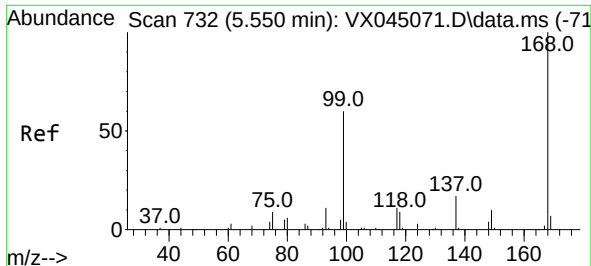
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031325\
Data File : VX045266.D
Acq On : 13 Mar 2025 14:00
Operator : JC/MD
Sample : Q1526-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 14 12:28:20 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

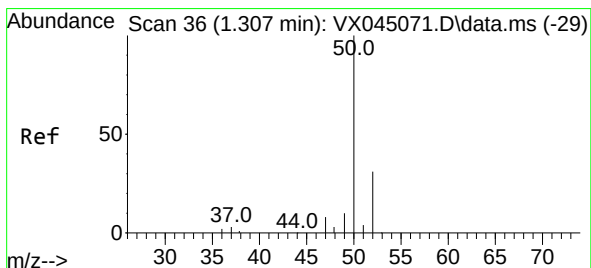
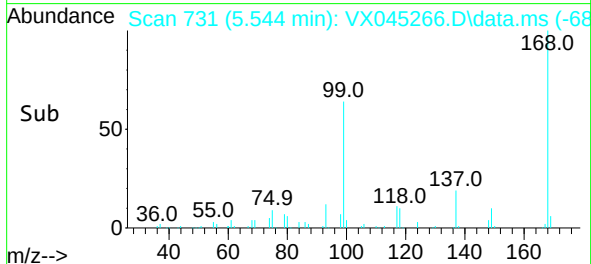
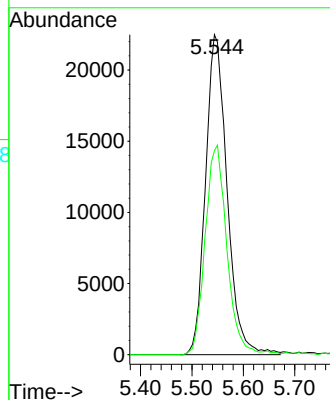
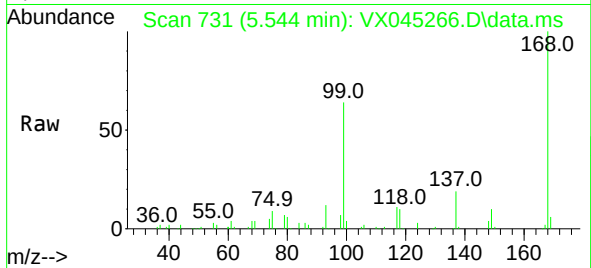




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

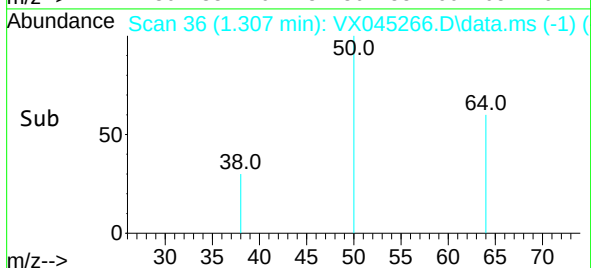
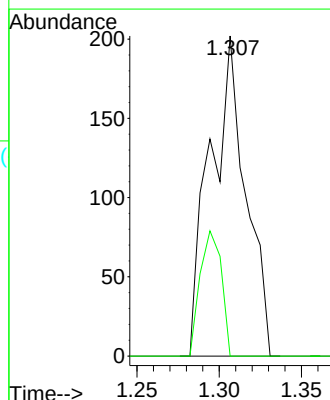
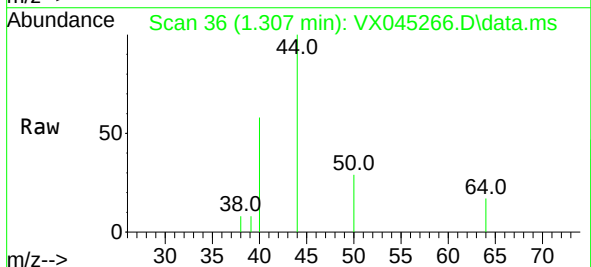
Instrument :
MSVOA_X
ClientSampleId :

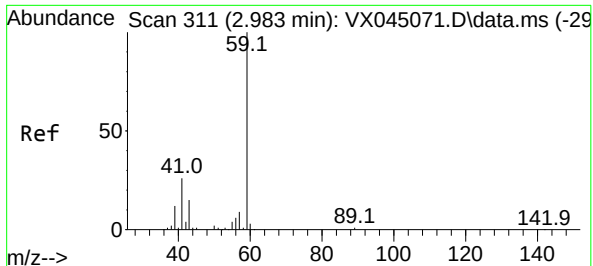
Tgt Ion:168 Resp: 65435
Ion Ratio Lower Upper
168 100
99 63.8 48.2 72.4



#3
Chloromethane
Concen: 0.301 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

Tgt Ion: 50 Resp: 303
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: 0.969 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045266.D

Acq: 13 Mar 2025 14:00

Instrument :

MSVOA_X

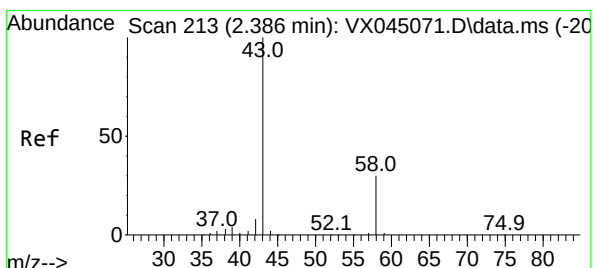
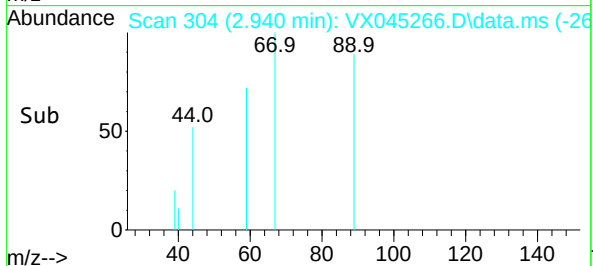
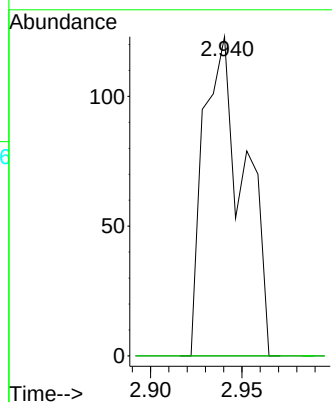
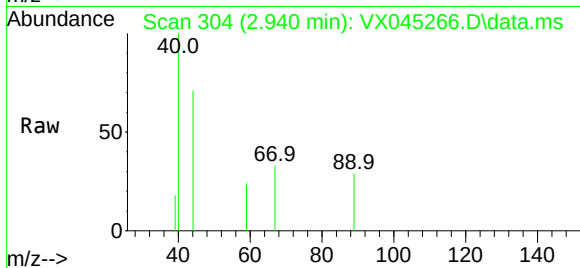
ClientSampleId :

Tgt Ion: 59 Resp: 191

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.563 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX045266.D

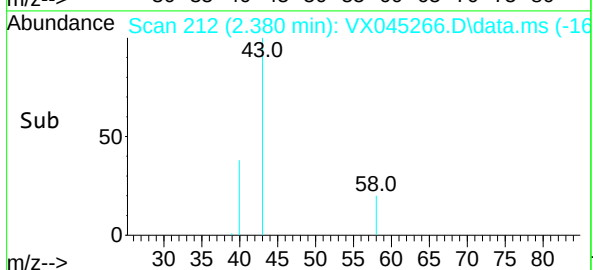
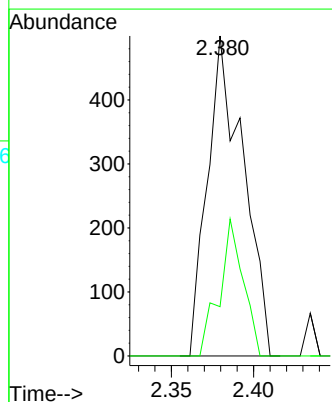
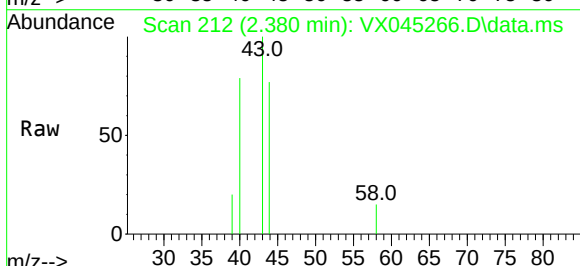
Acq: 13 Mar 2025 14:00

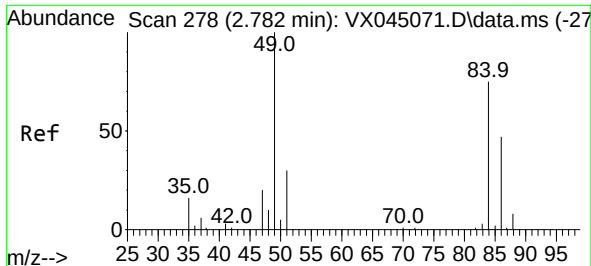
Tgt Ion: 43 Resp: 755

Ion Ratio Lower Upper

43 100

58 15.4 24.2 36.4#





#20

Methylene Chloride

Concen: 0.415 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.006 min

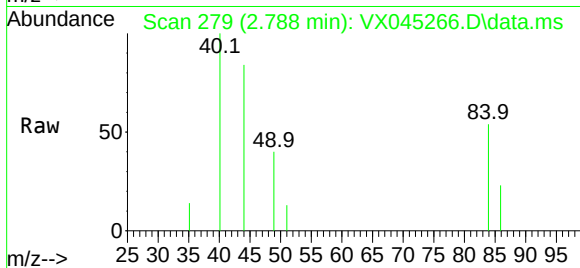
Lab File: VX045266.D

Acq: 13 Mar 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 397

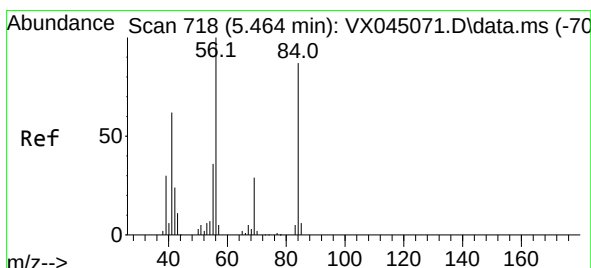
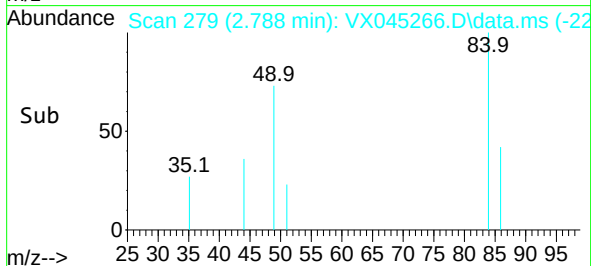
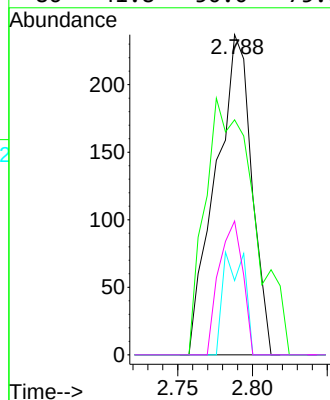
Ion Ratio Lower Upper

84 100

49 73.4 106.5 159.7#

51 23.2 32.1 48.1#

86 41.8 50.0 75.0#



#31

Cyclohexane

Concen: 1.287 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX045266.D

Acq: 13 Mar 2025 14:00

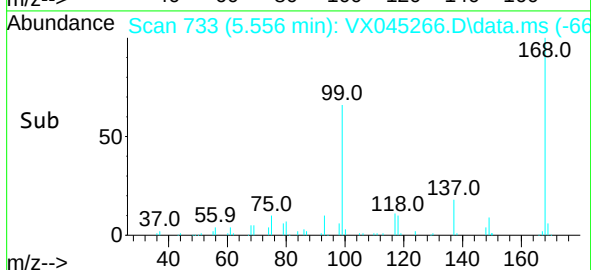
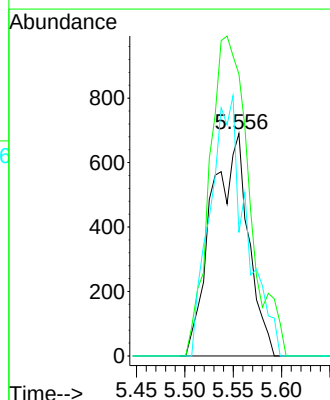
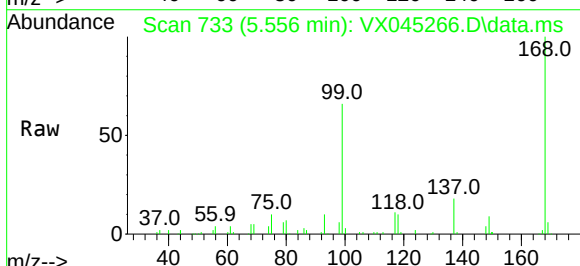
Tgt Ion: 56 Resp: 1822

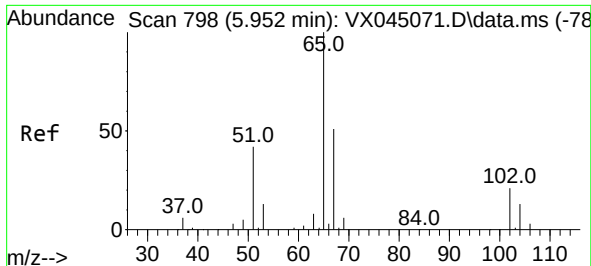
Ion Ratio Lower Upper

56 100

69 126.8 23.4 35.2#

84 55.5 69.4 104.2#





#33

1,2-Dichloroethane-d4

Concen: 54.035 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045266.D

Acq: 13 Mar 2025 14:00

Instrument :

MSVOA_X

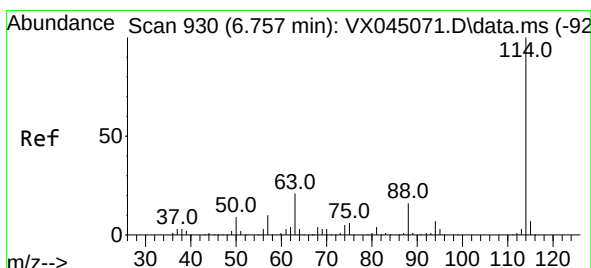
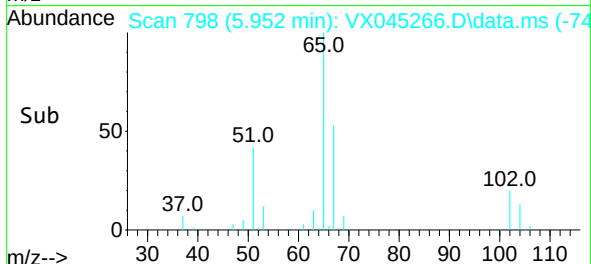
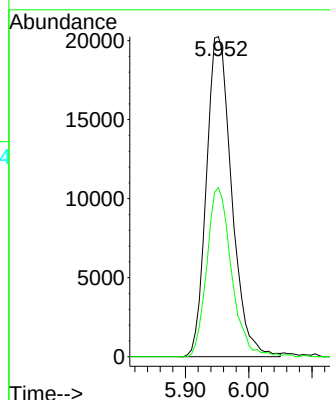
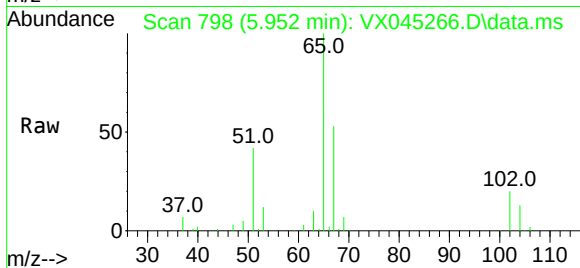
ClientSampleId :

Tgt Ion: 65 Resp: 56242

Ion Ratio Lower Upper

65 100

67 51.8 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: VX045266.D

Acq: 13 Mar 2025 14:00

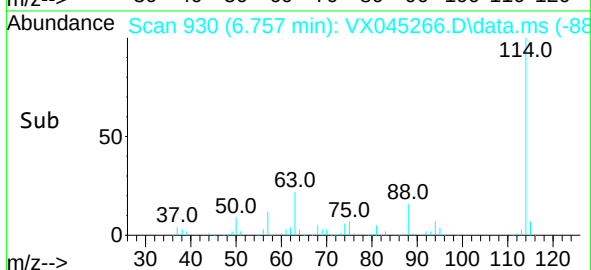
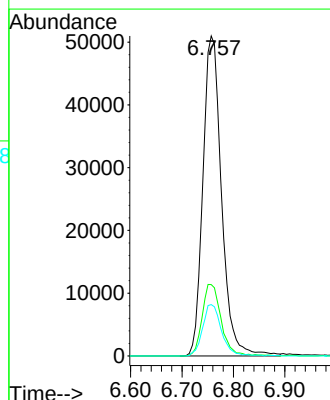
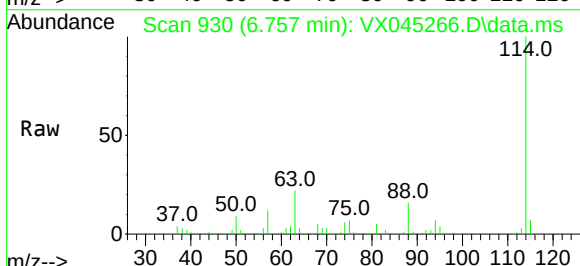
Tgt Ion: 114 Resp: 128551

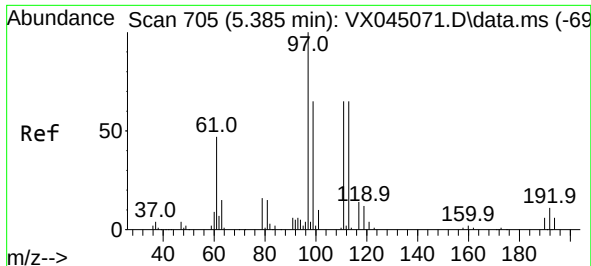
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

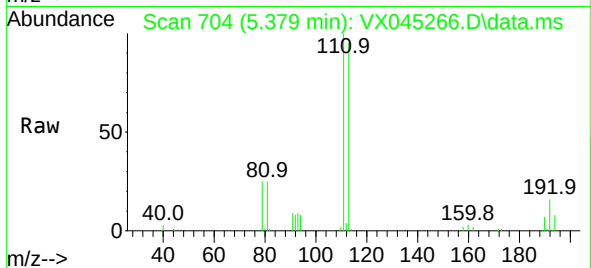
88 16.1 0.0 32.8



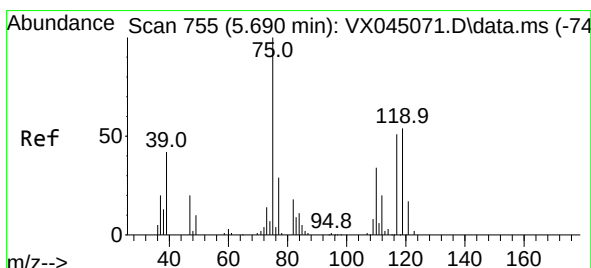
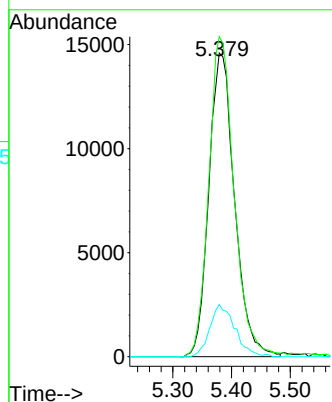
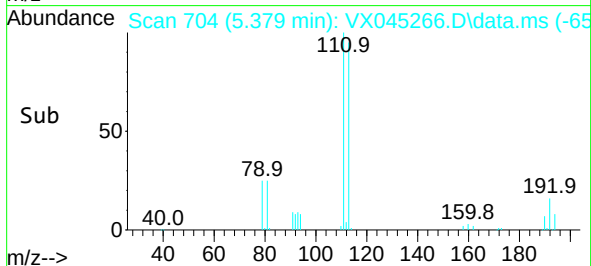


#35
Dibromofluoromethane
Concen: 51.589 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

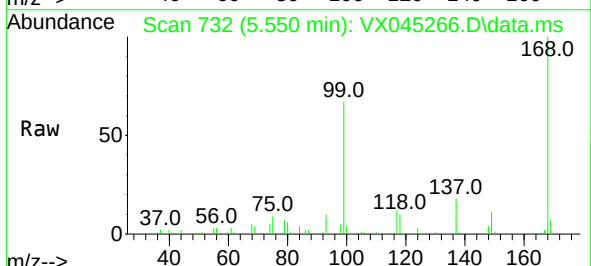
Instrument :
MSVOA_X
ClientSampleId :



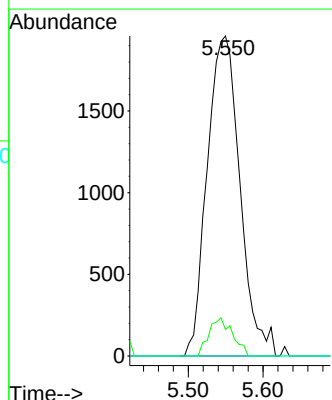
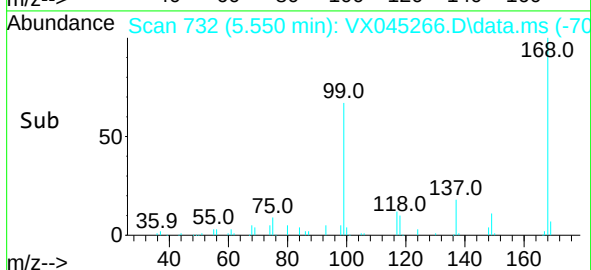
Tgt Ion:113 Resp: 44345
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 16.8 14.3 21.5

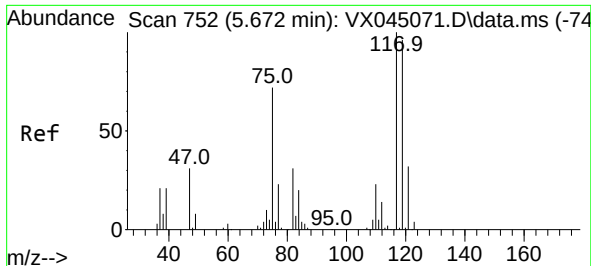


#36
1,1-Dichloropropene
Concen: 5.069 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00



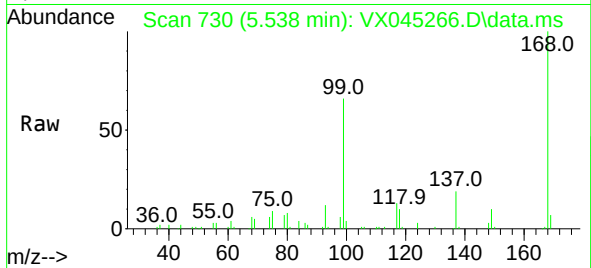
Tgt Ion: 75 Resp: 5975
Ion Ratio Lower Upper
75 100
110 8.6 16.9 50.6#
77 0.0 24.5 36.7#



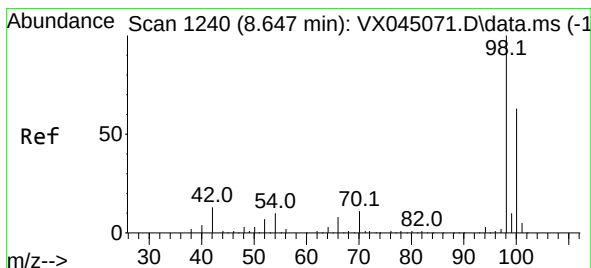
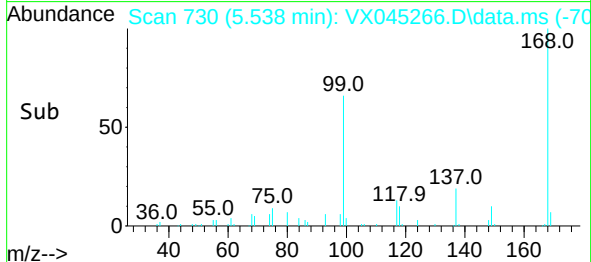
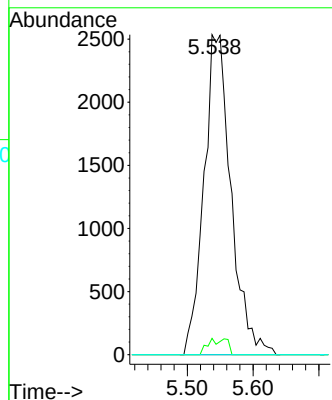


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :

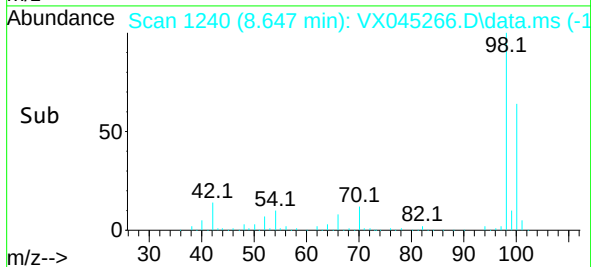
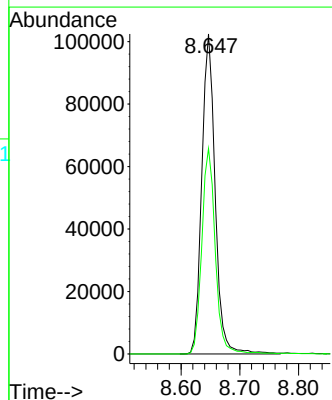
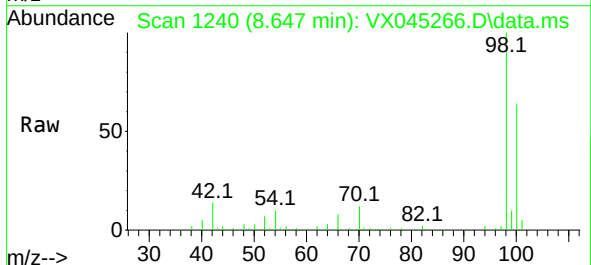


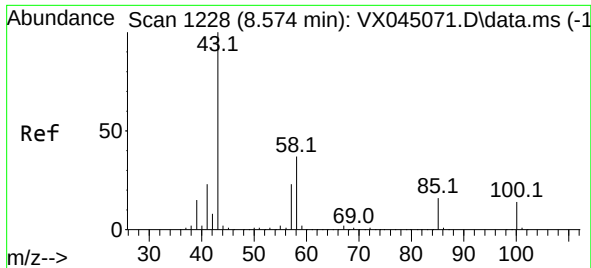
Tgt Ion:117 Resp: 7261
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 51.903 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

Tgt Ion: 98 Resp: 161746
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

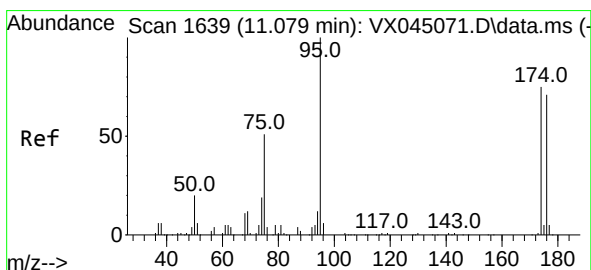
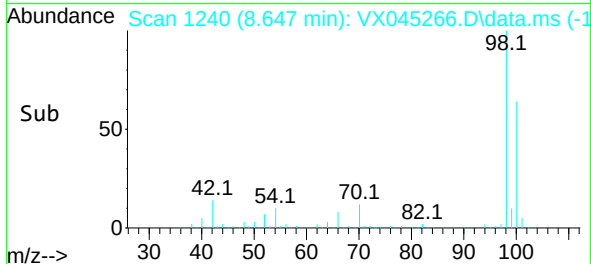
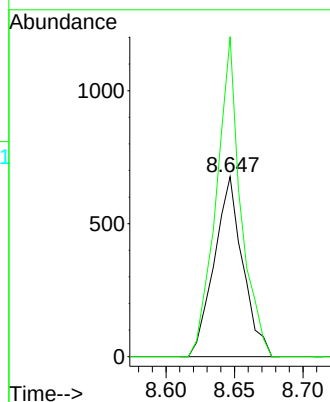
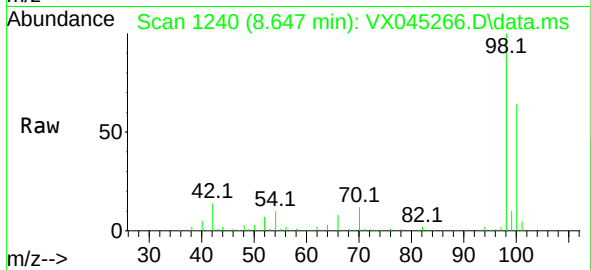




#51
 4-Methyl-2-Pentanone
 Concen: 0.650 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX045266.D
 Acq: 13 Mar 2025 14:00

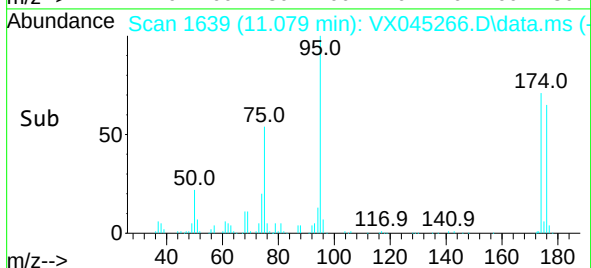
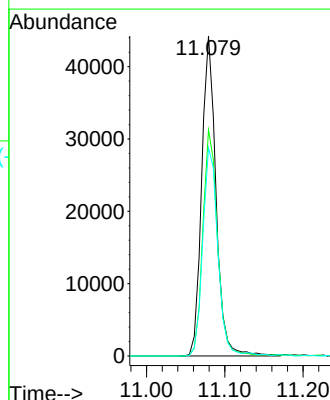
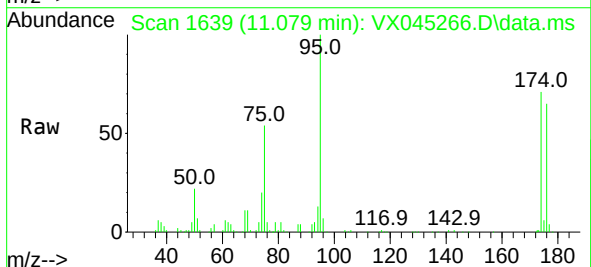
Instrument :
 MSVOA_X
 ClientSampleId :

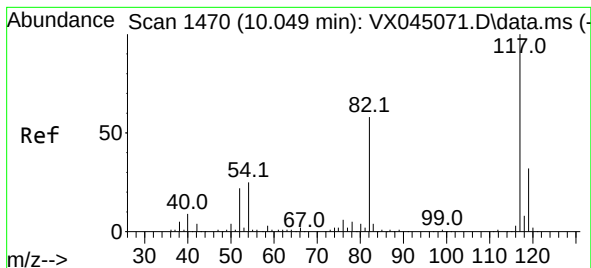
Tgt Ion: 43 Resp: 980
 Ion Ratio Lower Upper
 43 100
 58 152.8 29.2 43.8#



#62
 4-Bromofluorobenzene
 Concen: 54.484 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.000 min
 Lab File: VX045266.D
 Acq: 13 Mar 2025 14:00

Tgt Ion: 95 Resp: 56263
 Ion Ratio Lower Upper
 95 100
 174 72.3 0.0 148.2
 176 68.5 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX045266.D

Acq: 13 Mar 2025 14:00

Instrument :

MSVOA_X

ClientSampleId :

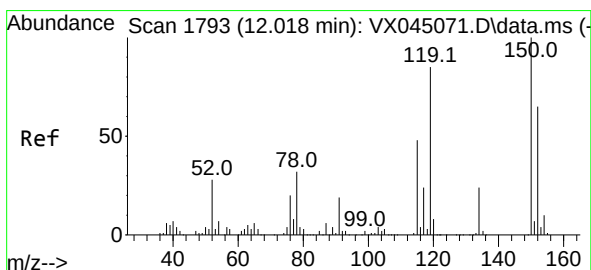
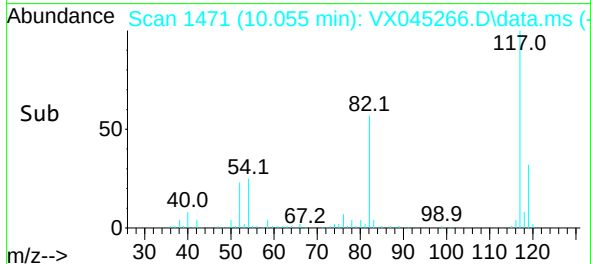
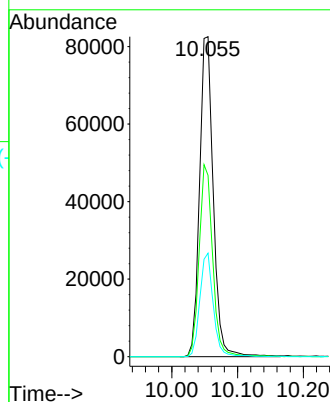
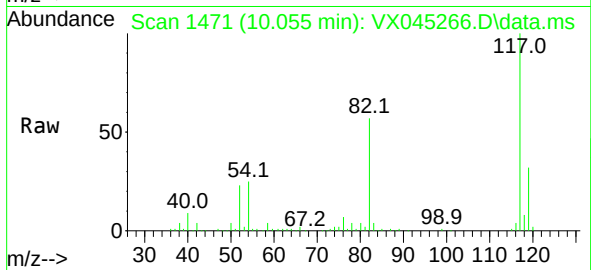
Tgt Ion:117 Resp: 119631

Ion Ratio Lower Upper

117 100

82 56.7 46.3 69.5

119 32.3 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: VX045266.D

Acq: 13 Mar 2025 14:00

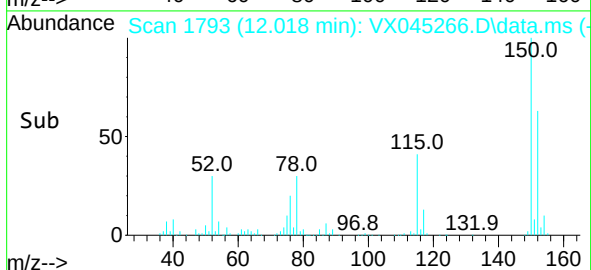
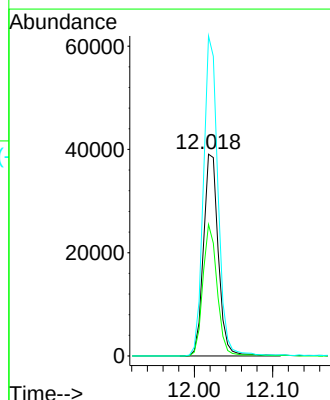
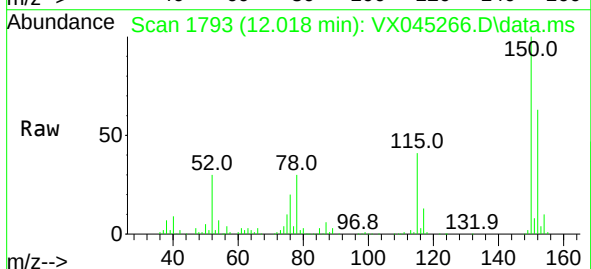
Tgt Ion:152 Resp: 51355

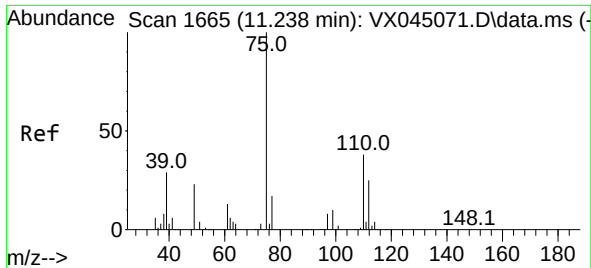
Ion Ratio Lower Upper

152 100

115 62.9 44.2 132.6

150 154.9 0.0 349.0

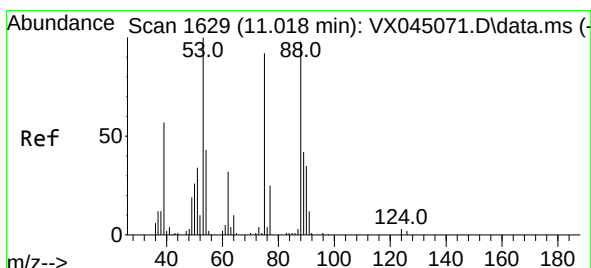
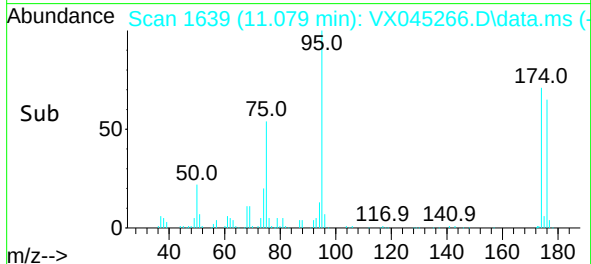
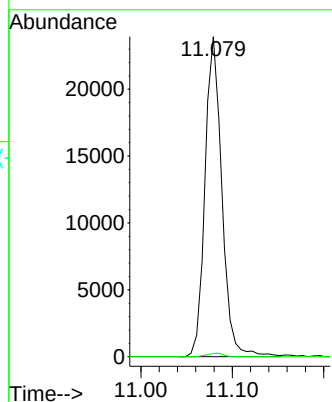
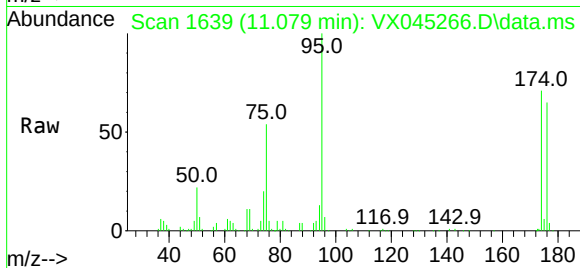




#76
1,2,3-Trichloropropane
Concen: 25.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 30607
Ion Ratio Lower Upper
75 100
77 1.0 20.7 62.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.629 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX045266.D
Acq: 13 Mar 2025 14:00

Tgt Ion: 75 Resp: 30607
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#

