

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092624\
 Data File : VX043185.D
 Acq On : 26 Sep 2024 17:53
 Operator : JC/MD
 Sample : P4164-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 27 01:44:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 03:13:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

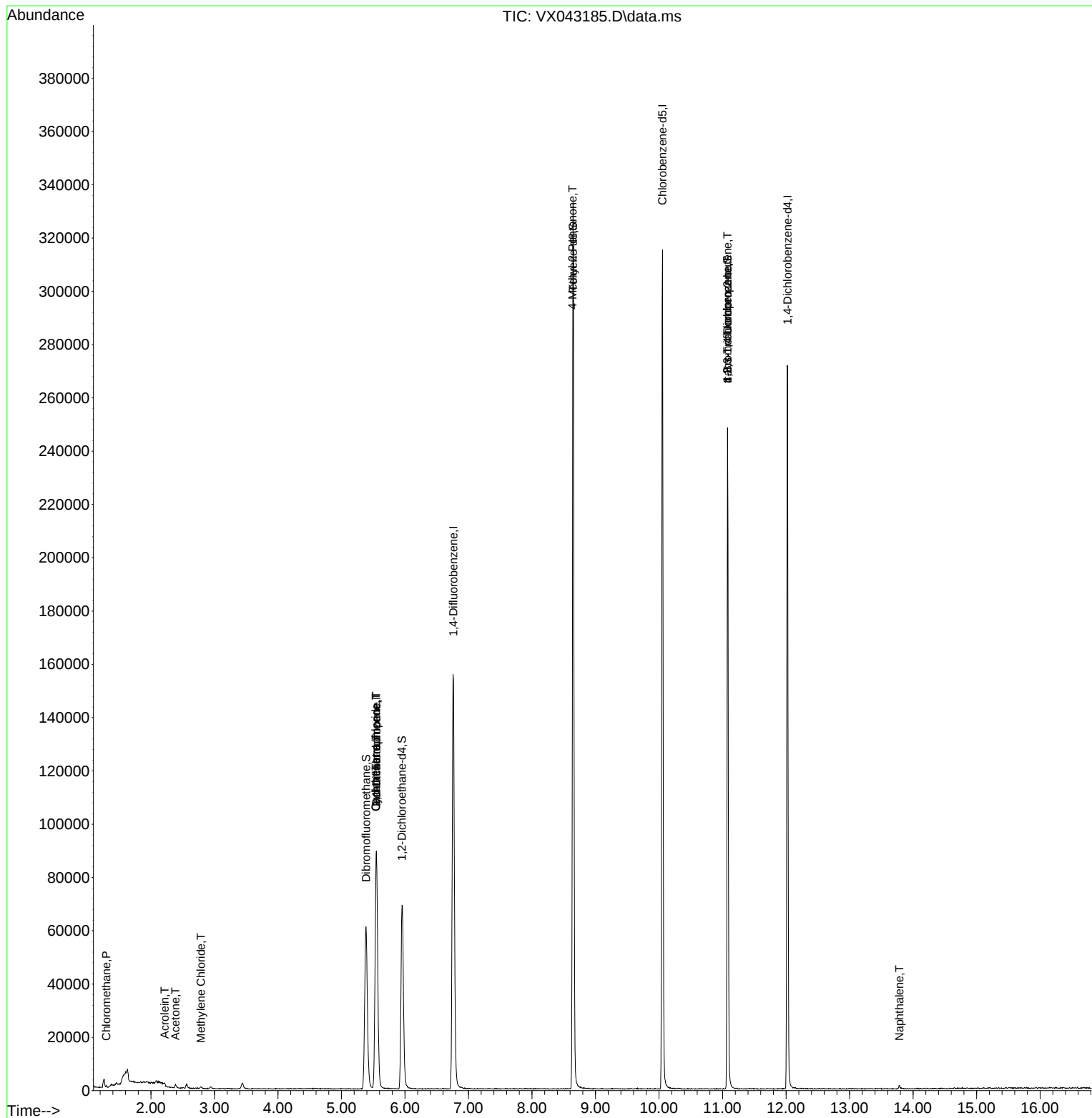
Internal Standards						
1) Pentafluorobenzene	5.550	168	82650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57094	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	70972	51.697	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.400%	
35) Dibromofluoromethane	5.385	113	54645	48.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.680%	
50) Toluene-d8	8.647	98	194123	50.762	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.079	95	66228	43.004	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	233	0.259	ug/l	99
13) Acrolein	2.215	56	50	1.238	ug/l #	15
16) Acetone	2.386	43	1260	1.963	ug/l #	82
20) Methylene Chloride	2.788	84	374	0.366	ug/l #	75
31) Cyclohexane	5.544	56	1993	1.476	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	7133	5.136	ug/l #	50
38) Carbon Tetrachloride	5.544	117	8780	4.907	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	977	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36815	30.329	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	36815	72.261	ug/l #	7
95) Naphthalene	13.786	128	1656	0.416	ug/l #	86

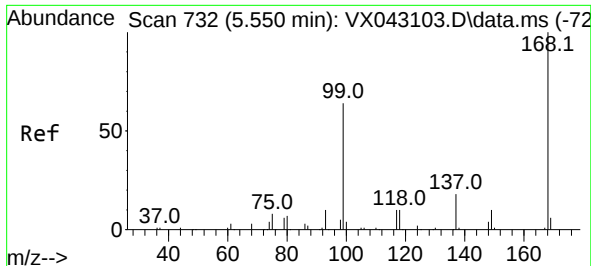
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092324W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 03:13:52 2024
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

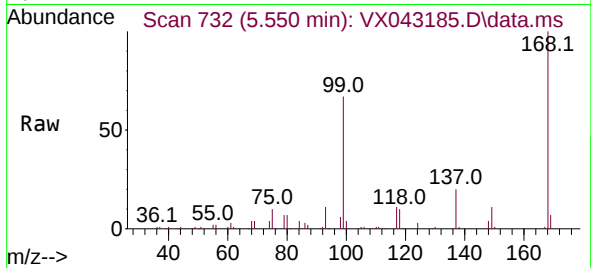
Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :

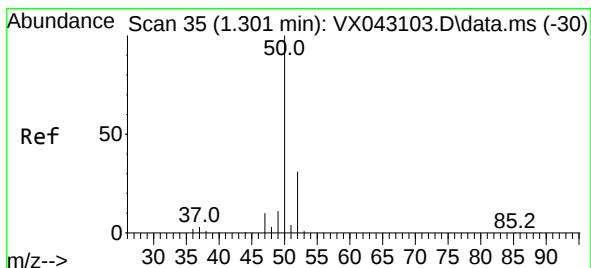
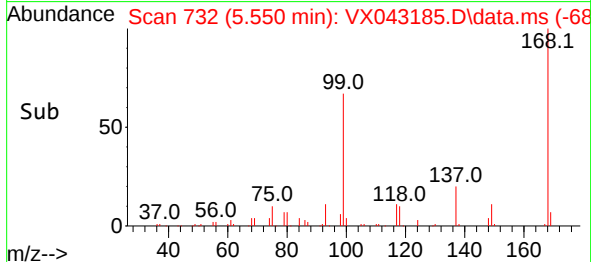
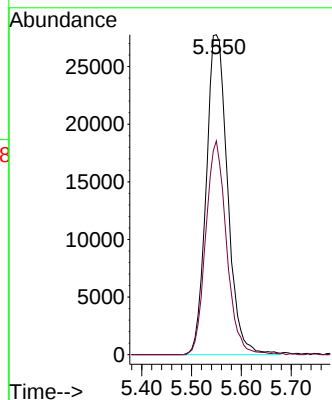


Tgt Ion:168 Resp: 82650

Ion Ratio Lower Upper

168 100

99 66.8 50.8 76.2



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.294 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX043185.D

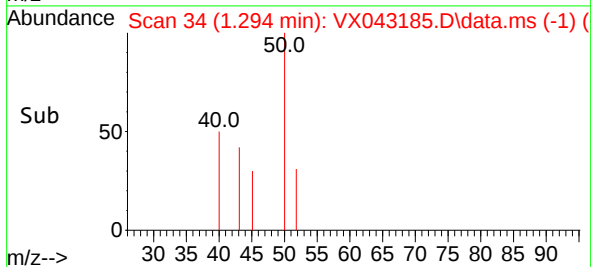
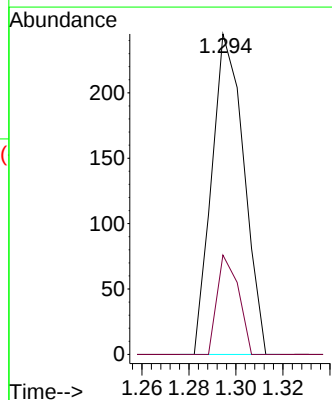
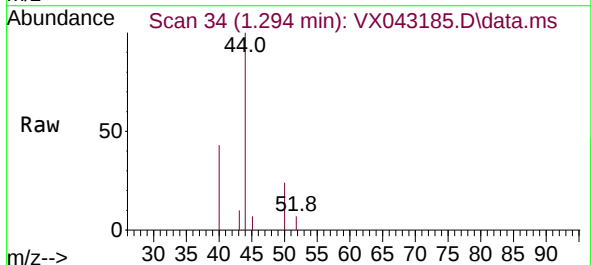
Acq: 26 Sep 2024 17:53

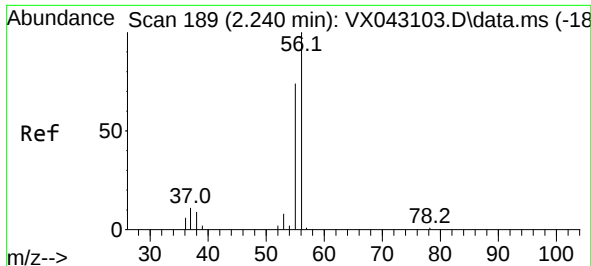
Tgt Ion: 50 Resp: 233

Ion Ratio Lower Upper

50 100

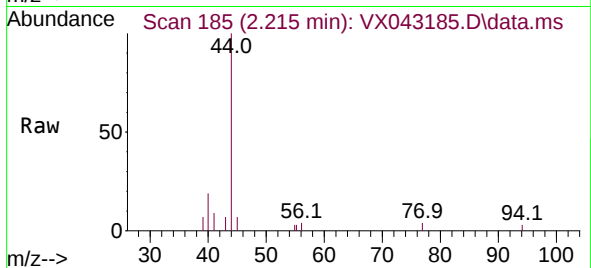
52 31.0 25.1 37.7



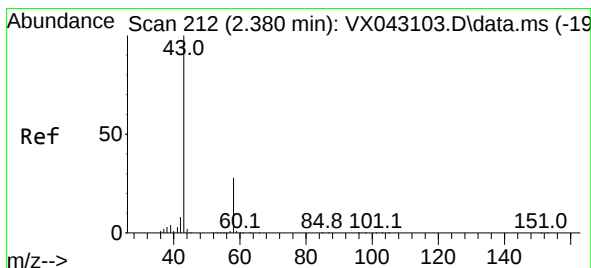
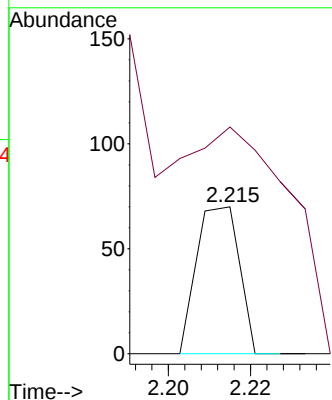
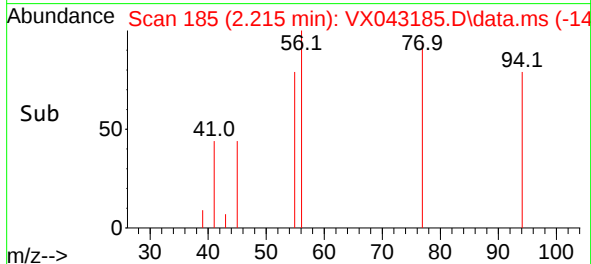


#13
Acrolein
Concen: 1.238 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :

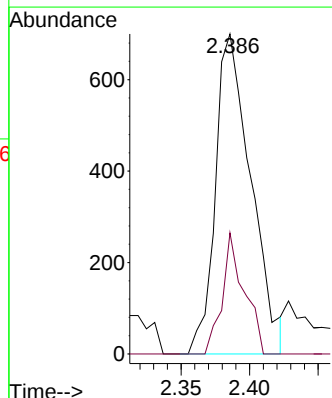
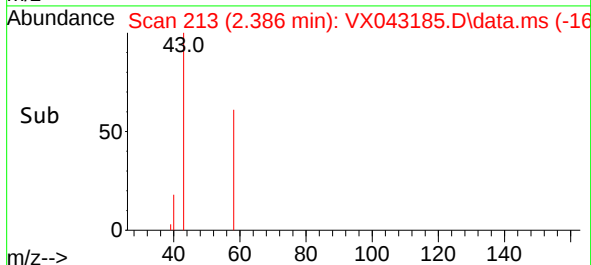
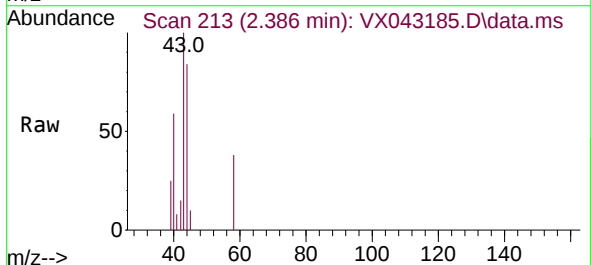


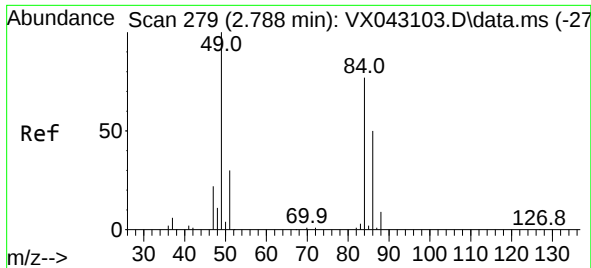
Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#16
Acetone
Concen: 1.963 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

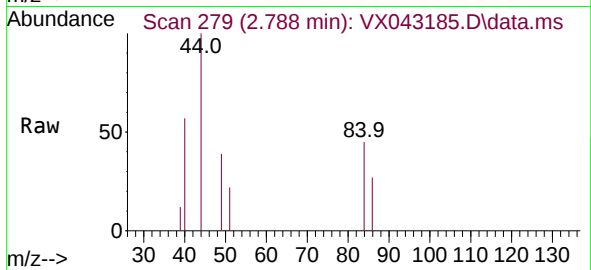
Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
58 37.9 22.6 34.0#



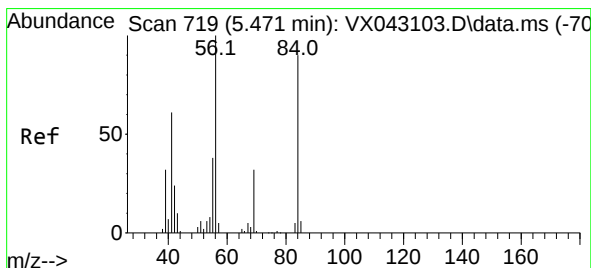
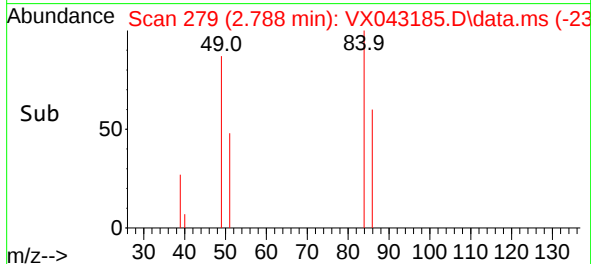
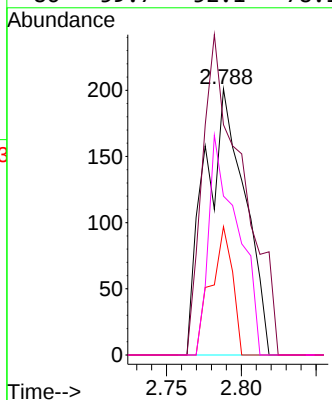


#20
Methylene Chloride
Concen: 0.366 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :

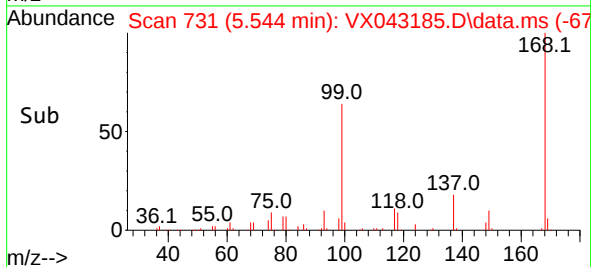
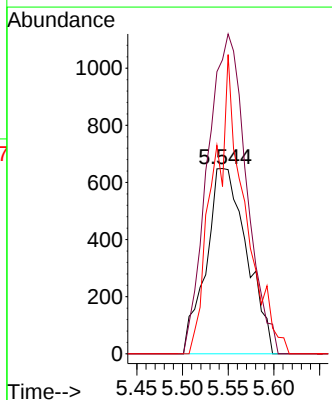
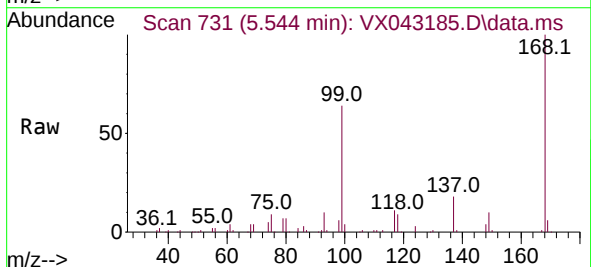


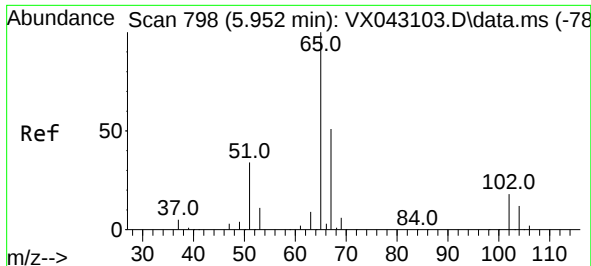
Tgt Ion:	84	Resp:	374
Ion	Ratio	Lower	Upper
84	100		
49	86.6	104.1	156.1#
51	48.3	31.1	46.7#
86	59.7	52.1	78.1



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion:	56	Resp:	1993
Ion	Ratio	Lower	Upper
56	100		
69	158.7	25.8	38.6#
84	90.3	72.4	108.6

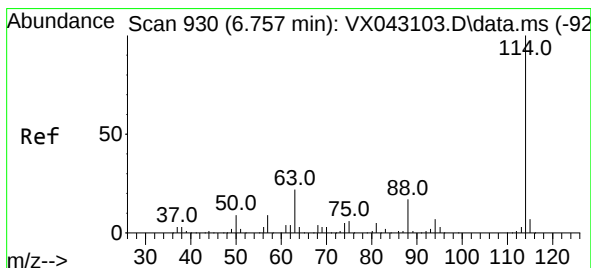
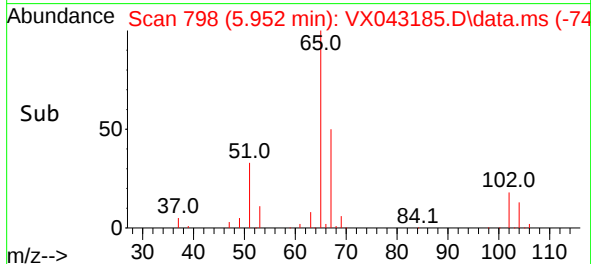
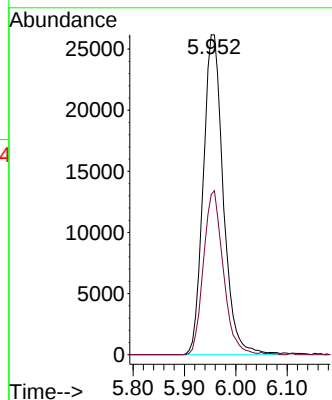
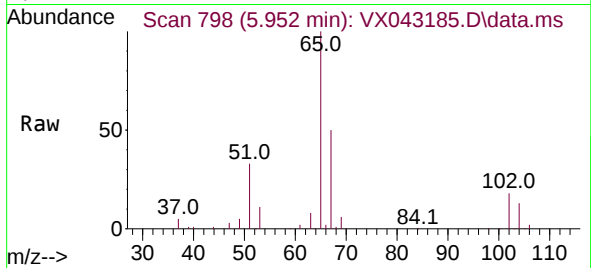




#33
 1,2-Dichloroethane-d4
 Concen: 51.697 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX043185.D
 Acq: 26 Sep 2024 17:53

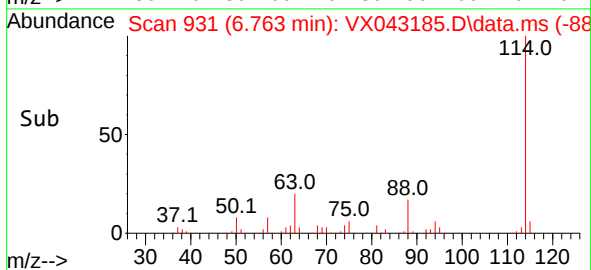
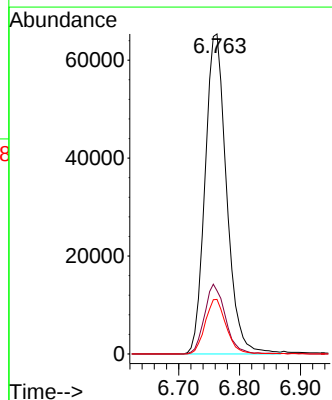
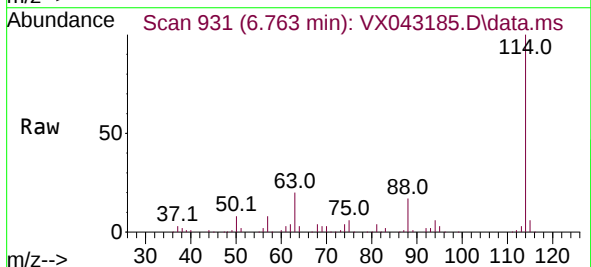
Instrument :
 MSVOA_X
 ClientSampleId :

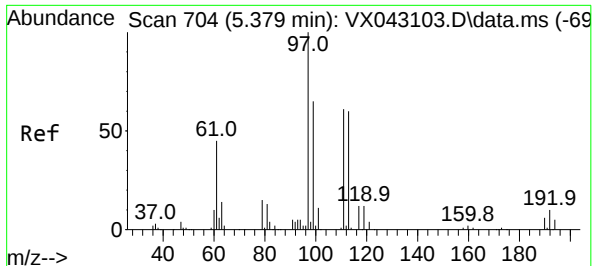
Tgt Ion: 65 Resp: 70972
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX043185.D
 Acq: 26 Sep 2024 17:53

Tgt Ion: 114 Resp: 160233
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 43.2
 88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.344 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

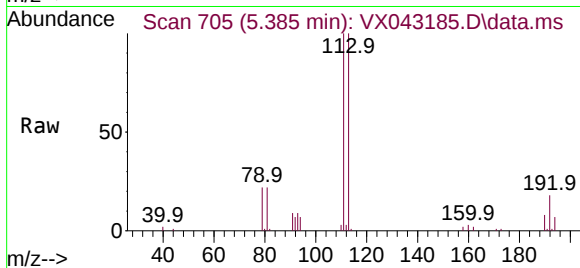
Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :



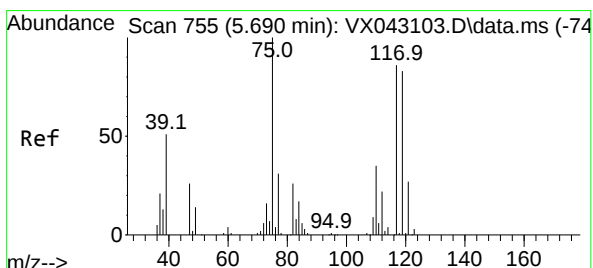
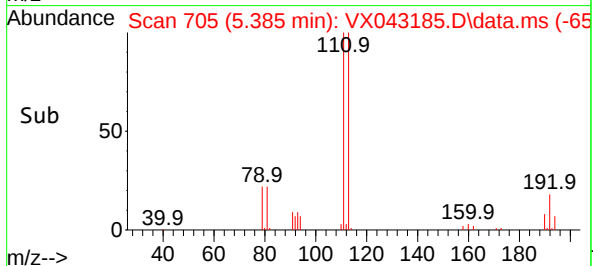
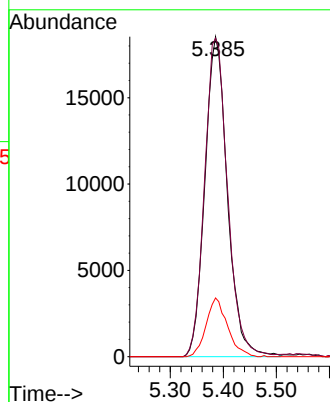
Tgt Ion:113 Resp: 54645

Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 17.4 14.6 22.0



#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

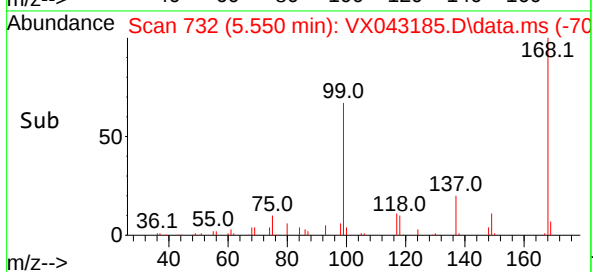
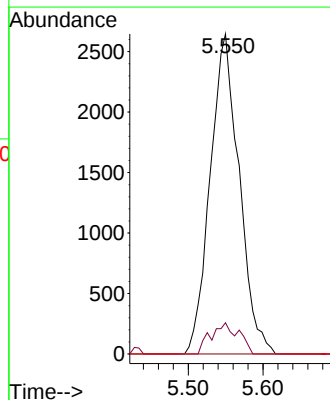
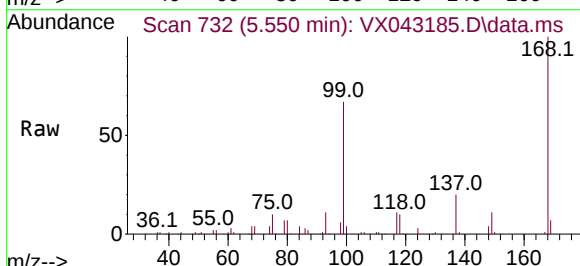
Tgt Ion: 75 Resp: 7133

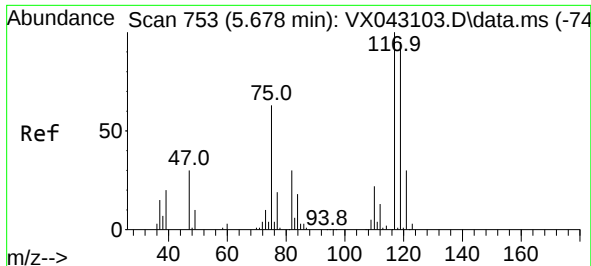
Ion Ratio Lower Upper

75 100

110 9.4 17.8 53.4#

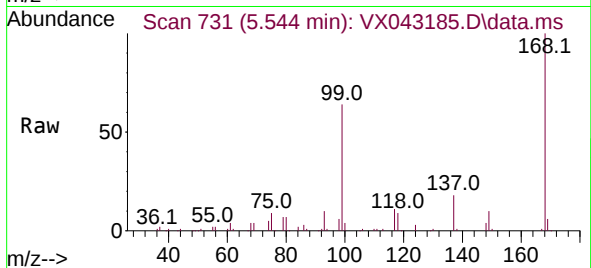
77 0.0 25.2 37.8#



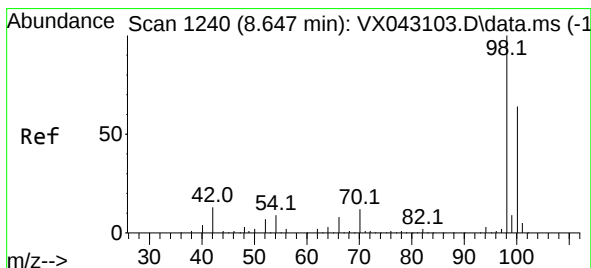
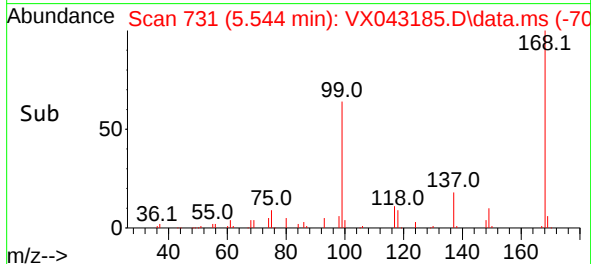
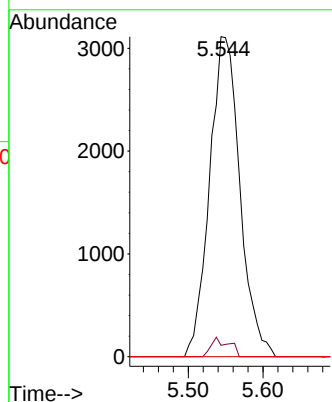


#38
Carbon Tetrachloride
Concen: 4.907 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Instrument :
MSVOA_X
ClientSampleId :

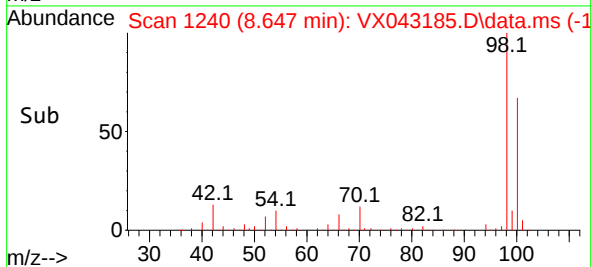
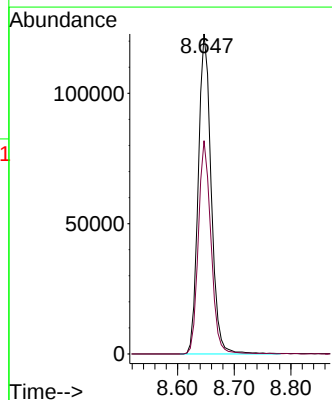
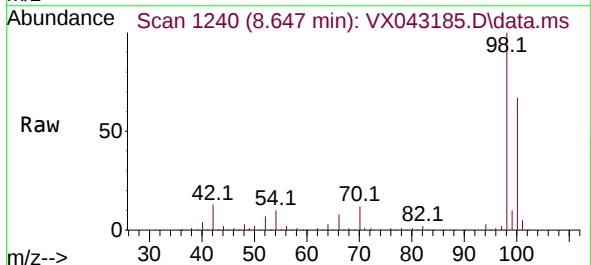


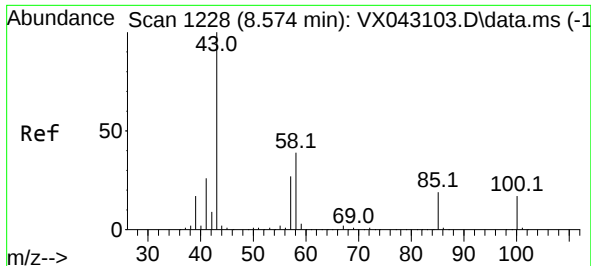
Tgt Ion:117 Resp: 8780
Ion Ratio Lower Upper
117 100
119 3.6 75.5 113.3#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.762 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 98 Resp: 194123
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

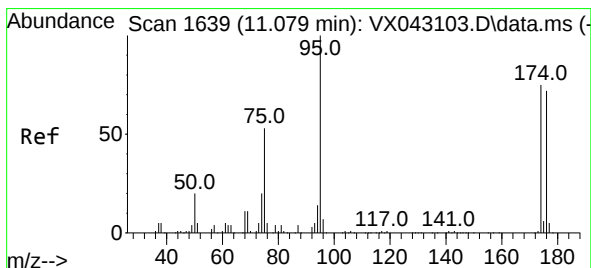
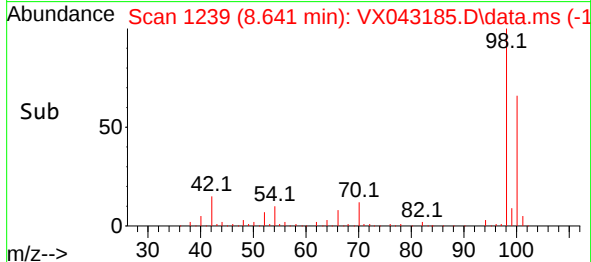
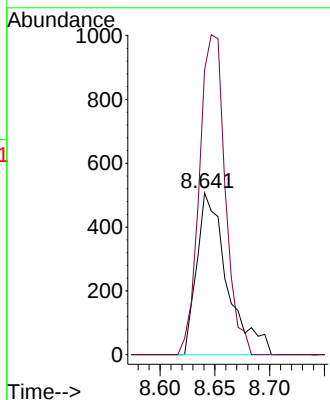
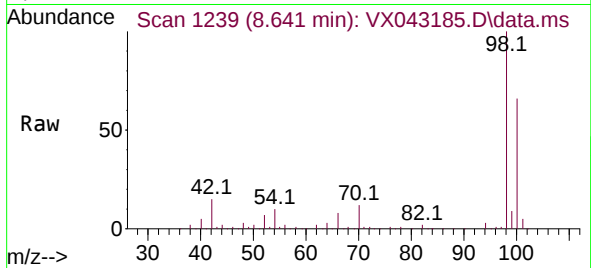




#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

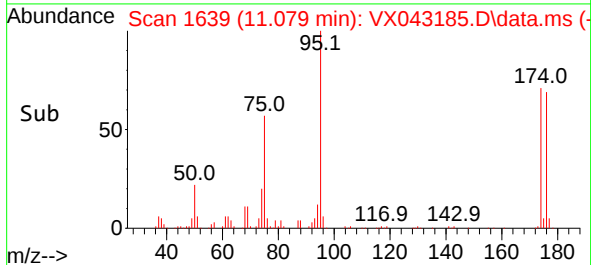
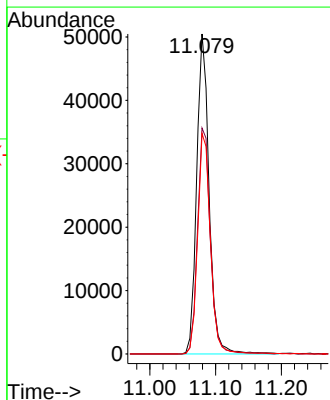
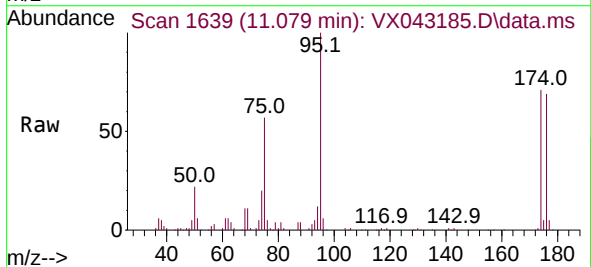
Instrument :
MSVOA_X
ClientSampleId :

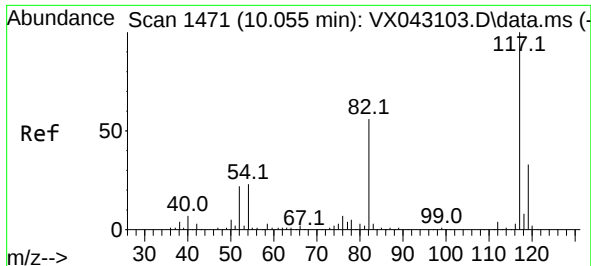
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 168.6 30.3 45.5#



#62
4-Bromofluorobenzene
Concen: 43.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 95 Resp: 66228
Ion Ratio Lower Upper
95 100
174 73.0 0.0 146.0
176 70.9 0.0 142.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

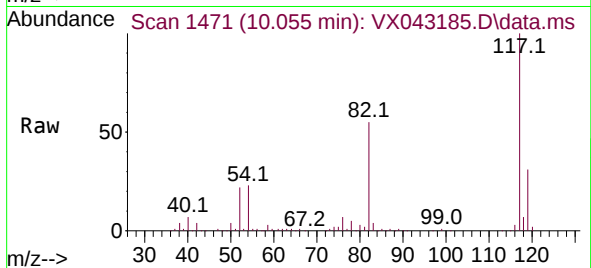
Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :



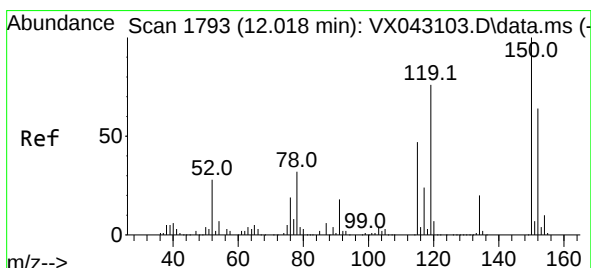
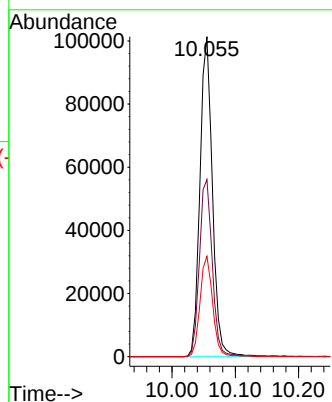
Tgt Ion:117 Resp: 139520

Ion	Ratio	Lower	Upper
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117	100		
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82	55.3	44.7	67.1
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119	31.4	26.3	39.5
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

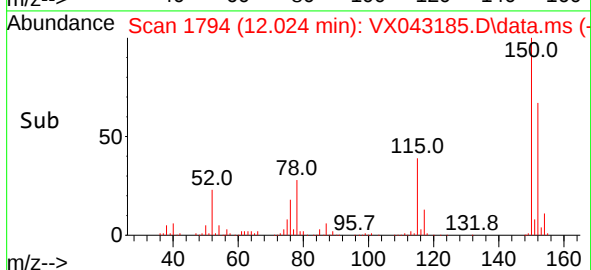
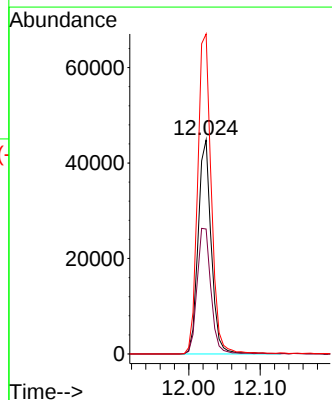
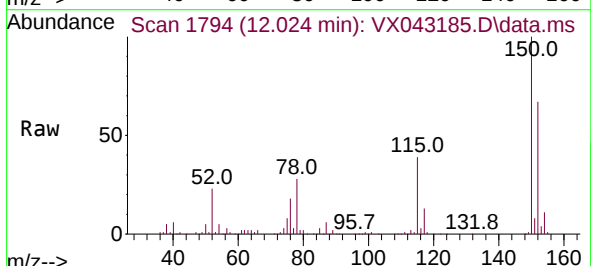
Tgt Ion:152 Resp: 57094

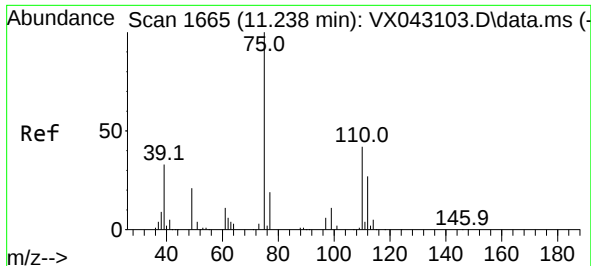
Ion	Ratio	Lower	Upper
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152	100		
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115	62.0	43.7	131.1
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150	155.2	0.0	344.6
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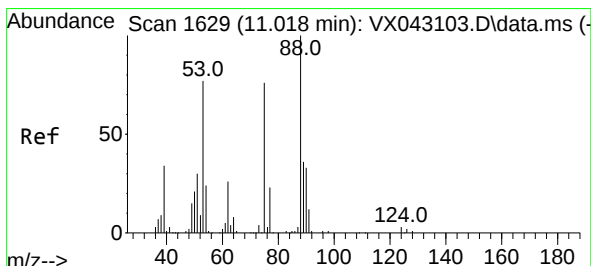
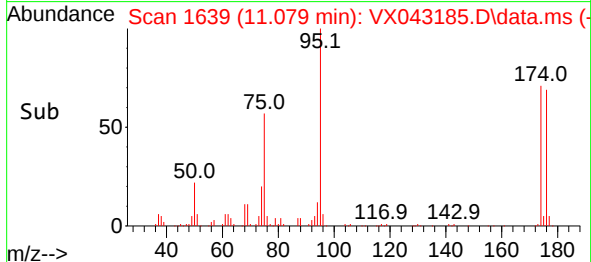
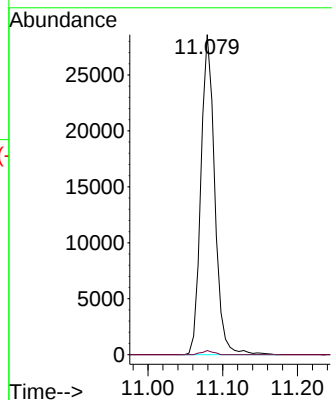
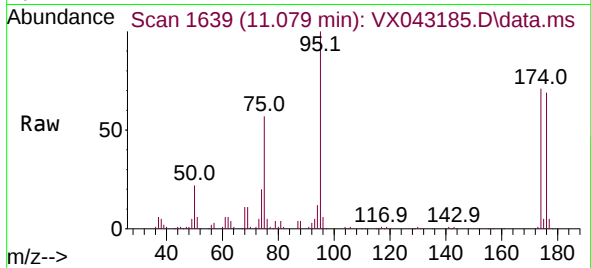




#76
1,2,3-Trichloropropane
Concen: 30.329 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

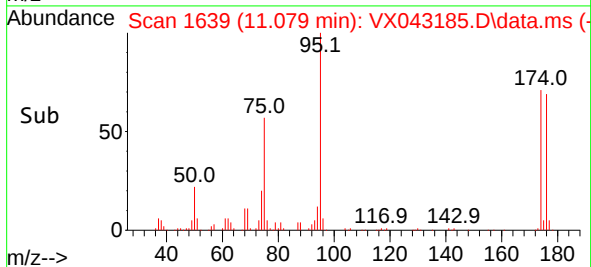
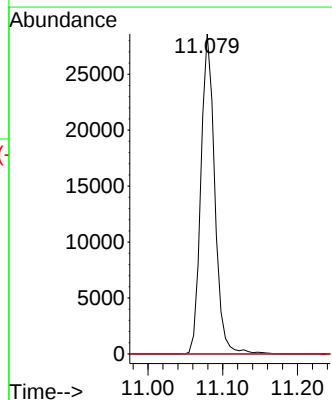
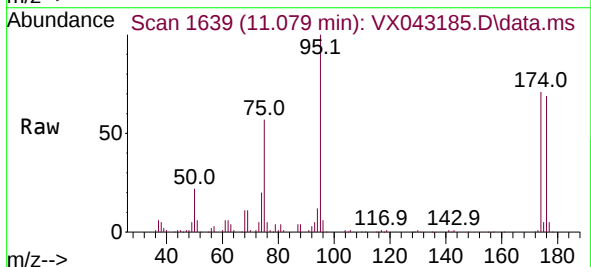
Instrument :
MSVOA_X
ClientSampleId :

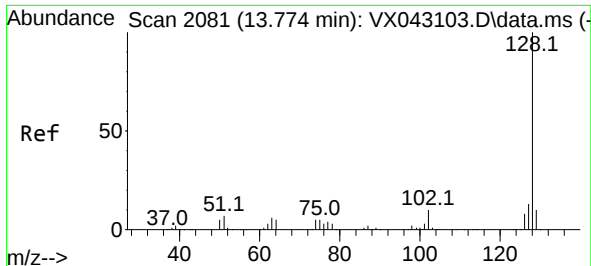
Tgt Ion: 75 Resp: 36815
Ion Ratio Lower Upper
75 100
77 1.1 21.9 65.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043185.D
Acq: 26 Sep 2024 17:53

Tgt Ion: 75 Resp: 36815
Ion Ratio Lower Upper
75 100
53 0.0 85.4 128.2#
89 0.0 38.8 58.2#





#95

Naphthalene

Concen: 0.416 ug/l

RT: 13.786 min Scan# 20

Delta R.T. 0.012 min

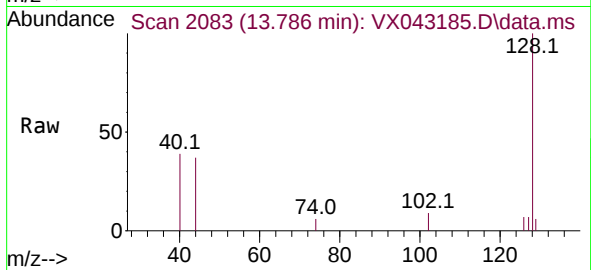
Lab File: VX043185.D

Acq: 26 Sep 2024 17:53

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 1656

Ion Ratio Lower Upper

128 100

127 7.9 10.2 15.4#

129 5.0 8.6 13.0#

