

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031926.D
 Acq On : 06 Oct 2022 18:32
 Operator : JC/MD
 Sample : N4919-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-6

Quant Time: Oct 07 08:07:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

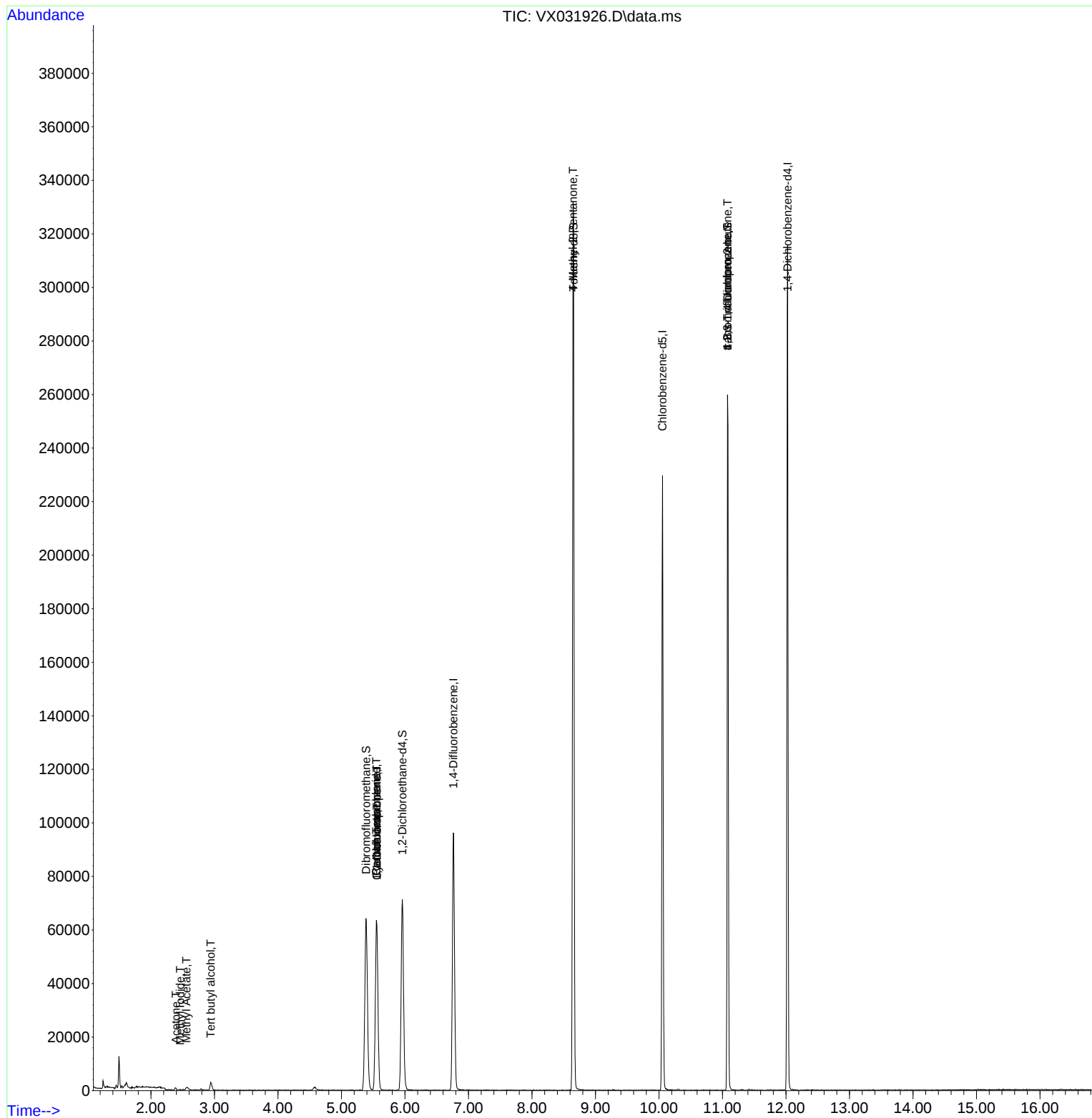
Internal Standards						
1) Pentafluorobenzene	5.550	168	59394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	98861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67166	54.757	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.520%	
35) Dibromofluoromethane	5.385	113	55346	49.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.920%	
50) Toluene-d8	8.653	98	201039	49.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.860%	
62) 4-Bromofluorobenzene	11.079	95	68140	47.866	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	496	Below Cal		99
10) Methyl Iodide	2.459	142	213	2.956	ug/l #	84
11) Tert butyl alcohol	2.941	59	1856	12.162	ug/l #	73
16) Acetone	2.392	43	1069	2.564	ug/l #	80
18) Methyl Acetate	2.557	43	395	0.287	ug/l #	52
31) Cyclohexane	5.556	56	1348	0.920	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	4526	3.050	ug/l #	48
38) Carbon Tetrachloride	5.550	117	6528	4.302	ug/l #	13
51) 4-Methyl-2-Pentanone	8.647	43	840	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34905	26.815	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34905	91.906	ug/l #	11

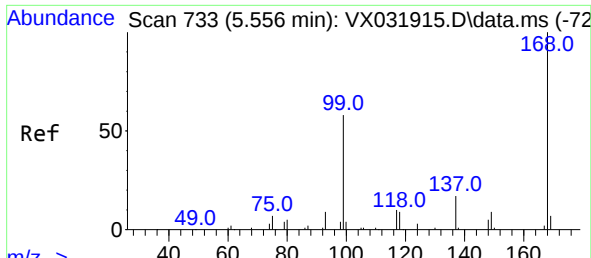
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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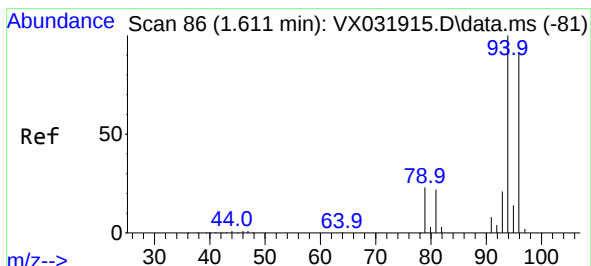
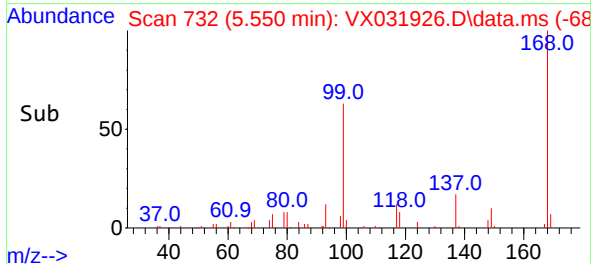
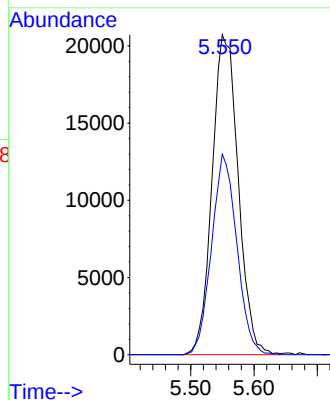
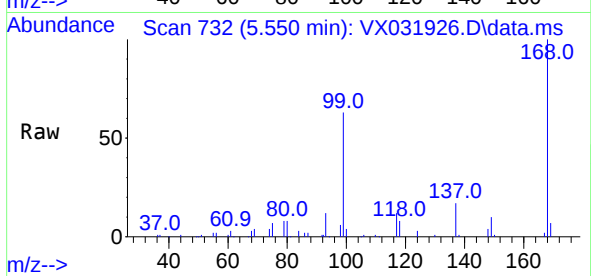




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

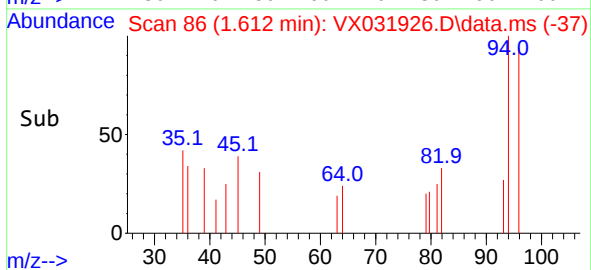
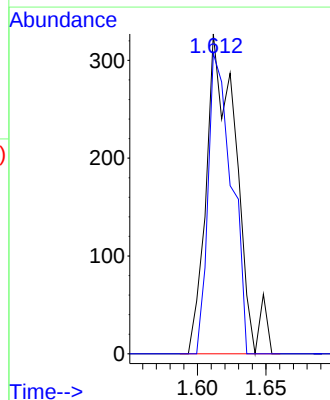
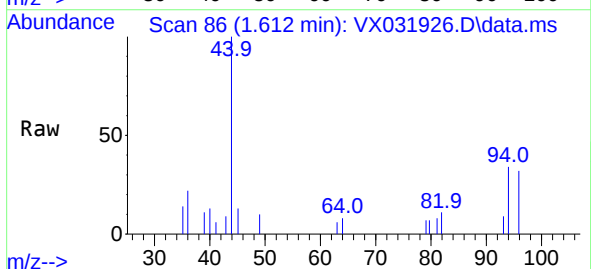
Instrument :
MSVOA_X
ClientSampleId :
265393-6

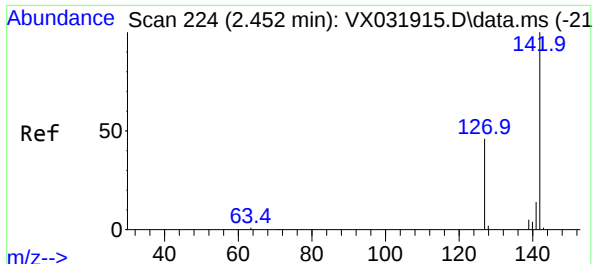
Tgt Ion:168 Resp: 59394
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.001 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 93.9 74.4 111.6

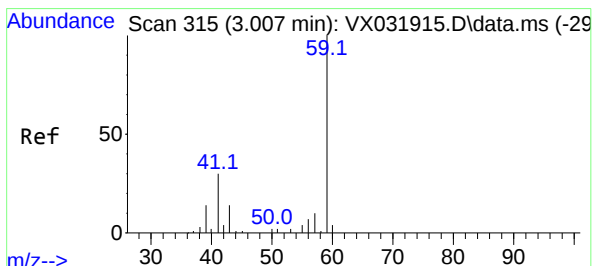
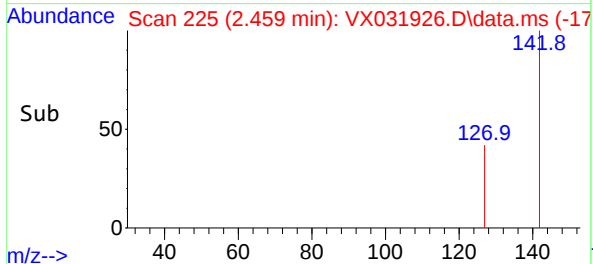
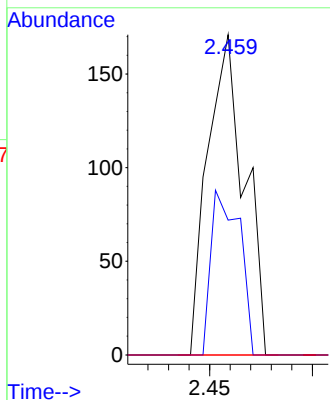
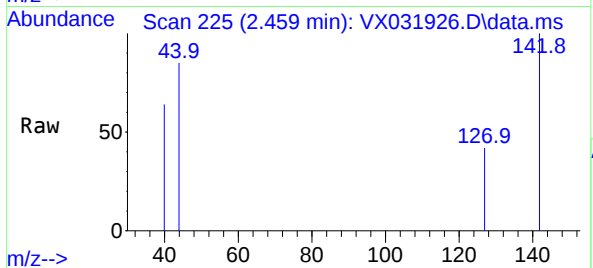




#10
Methyl Iodide
Concen: 2.956 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

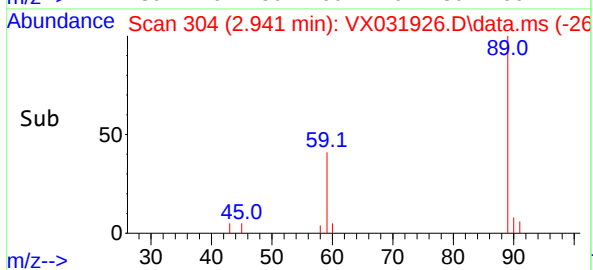
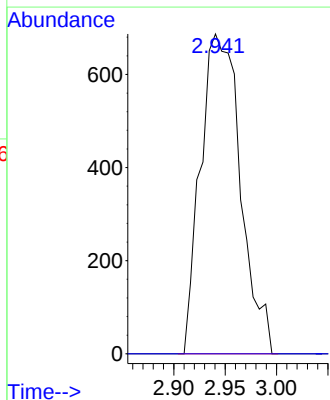
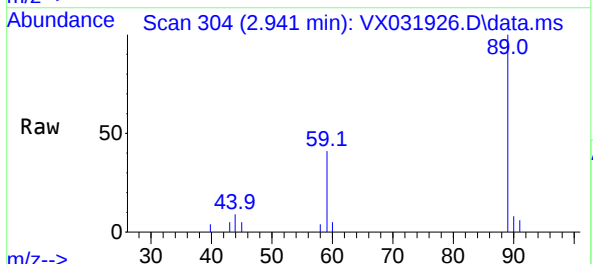
Instrument :
MSVOA_X
ClientSampleId :
265393-6

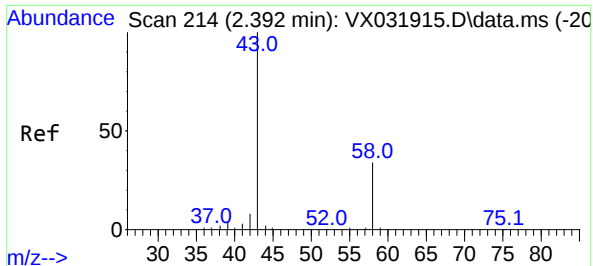
Tgt Ion:142 Resp: 213
Ion Ratio Lower Upper
142 100
127 39.9 37.4 56.0
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 12.162 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.066 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion: 59 Resp: 1856
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

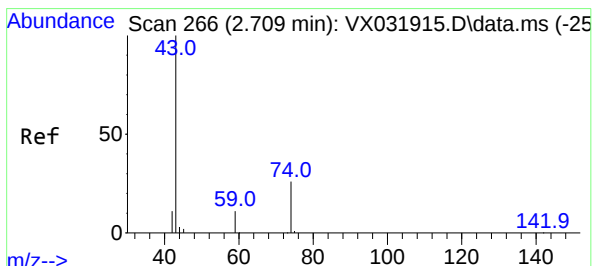
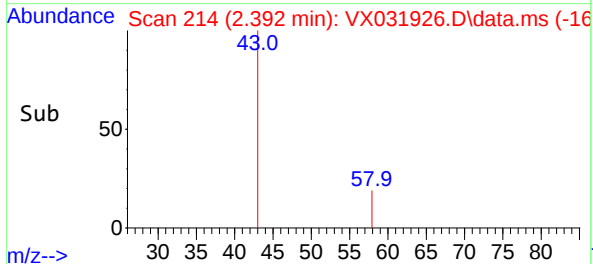
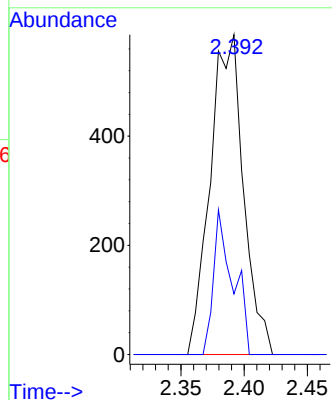
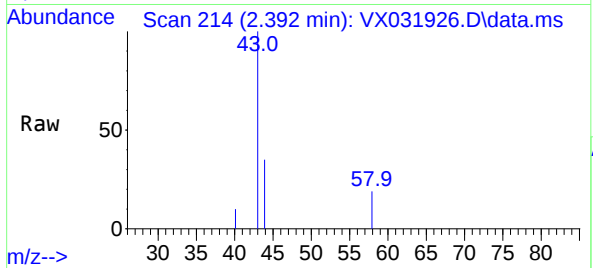




#16
Acetone
Concen: 2.564 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

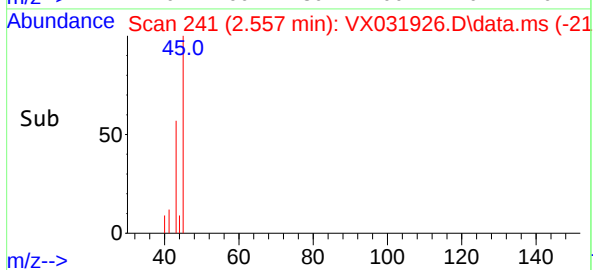
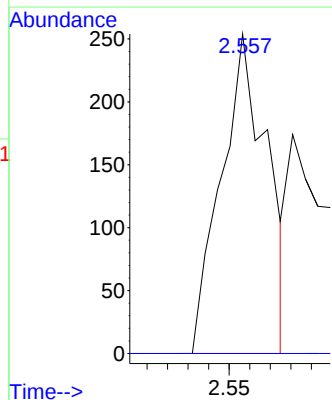
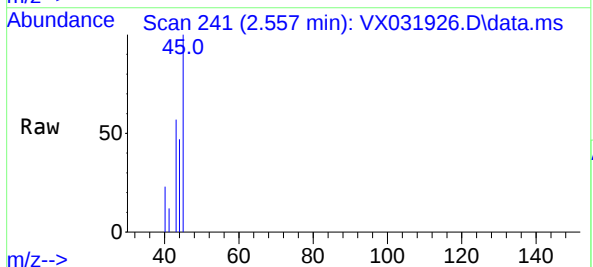
Instrument :
MSVOA_X
ClientSampleId :
265393-6

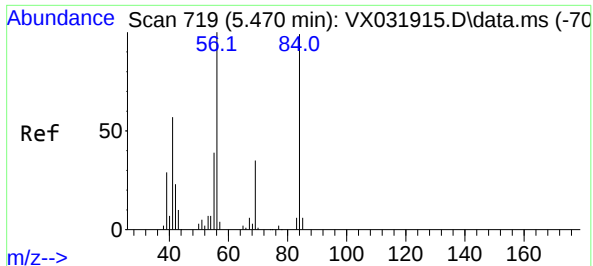
Tgt Ion: 43 Resp: 1069
Ion Ratio Lower Upper
43 100
58 18.9 23.8 35.8#



#18
Methyl Acetate
Concen: 0.287 ug/l
RT: 2.557 min Scan# 241
Delta R.T. -0.152 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#

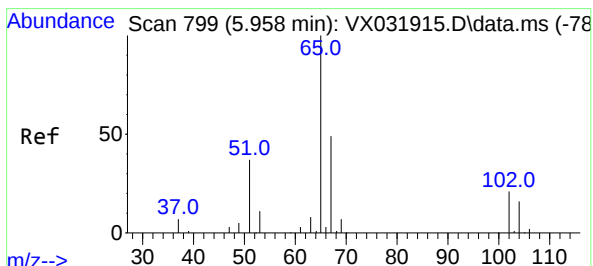
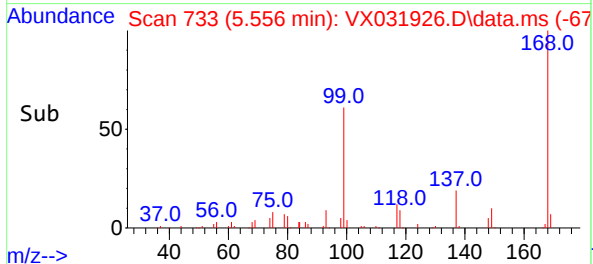
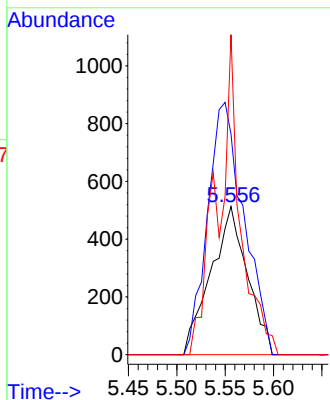
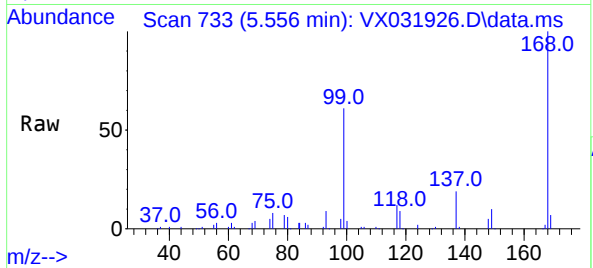




#31
Cyclohexane
Concen: 0.920 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

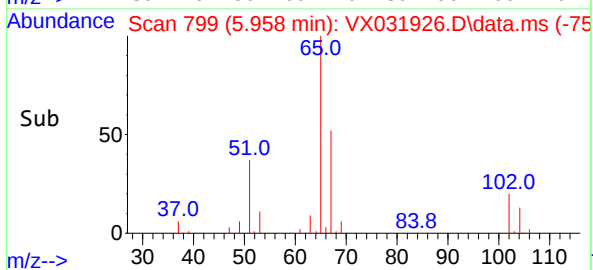
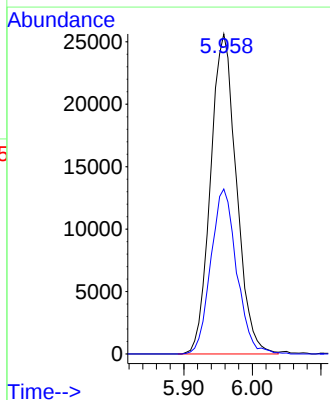
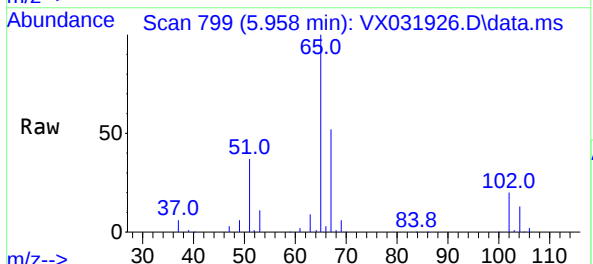
Instrument :
MSVOA_X
ClientSampleId :
265393-6

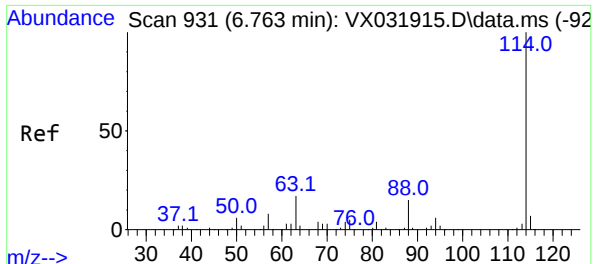
Tgt Ion: 56 Resp: 1348
Ion Ratio Lower Upper
56 100
69 148.9 25.1 37.7#
84 216.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 54.757 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion: 65 Resp: 67166
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

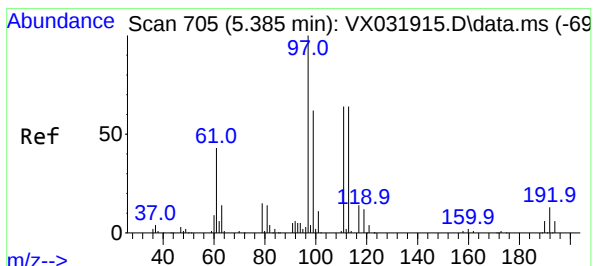
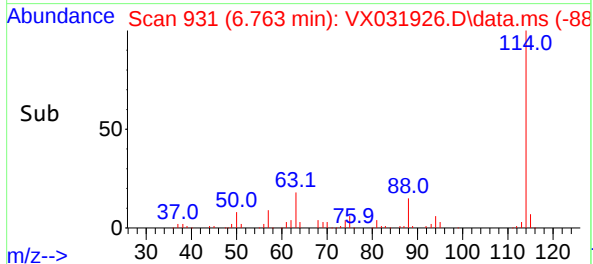
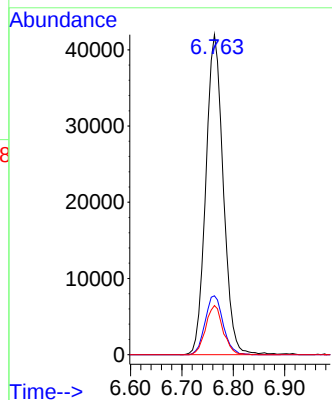
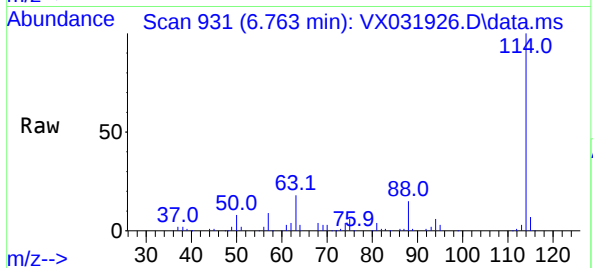




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

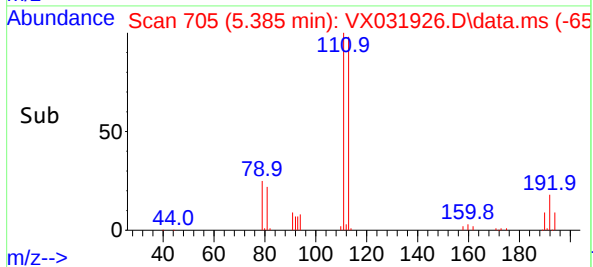
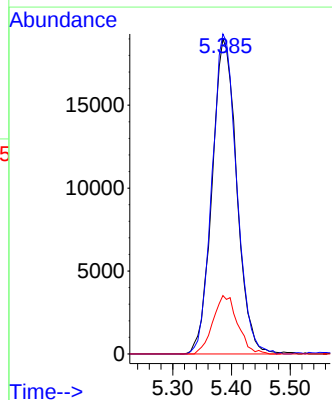
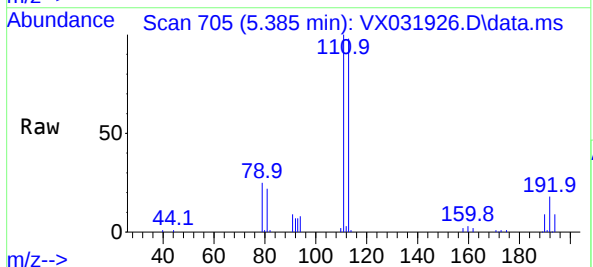
Instrument :
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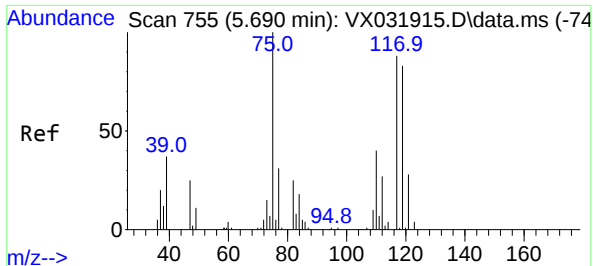
Tgt Ion:	114	Resp:	98861
Ion Ratio	Lower	Upper	
114	100		
63	18.4	0.0	42.6
88	15.3	0.0	33.0



#35
Dibromofluoromethane
Concen: 49.458 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion:	113	Resp:	55346
Ion Ratio	Lower	Upper	
113	100		
111	101.1	82.4	123.6
192	18.6	14.1	21.1





#36

1,1-Dichloropropene

Concen: 3.050 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX031926.D

Acq: 06 Oct 2022 18:32

Instrument :

MSVOA_X

ClientSampleId :

265393-6

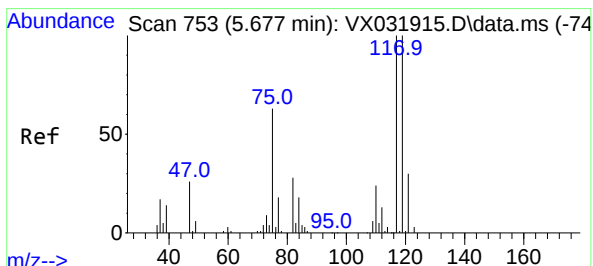
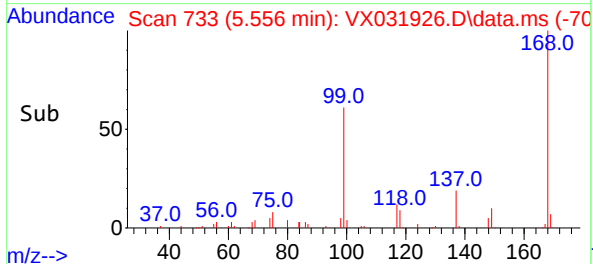
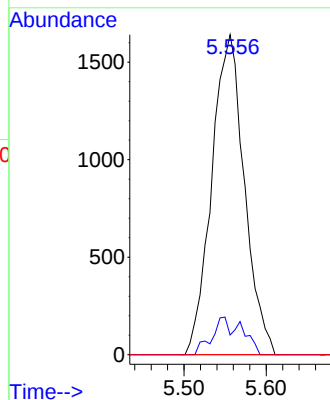
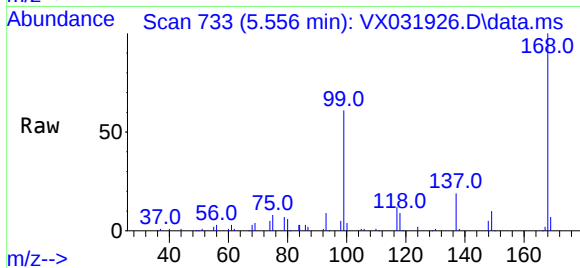
Tgt Ion: 75 Resp: 4526

Ion Ratio Lower Upper

75 100

110 7.4 17.5 52.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.302 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX031926.D

Acq: 06 Oct 2022 18:32

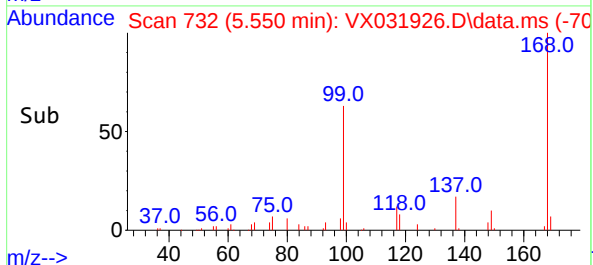
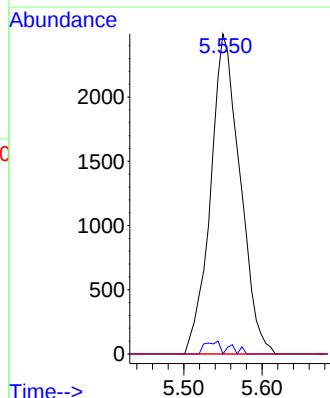
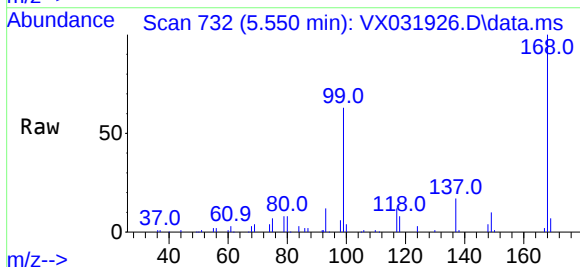
Tgt Ion: 117 Resp: 6528

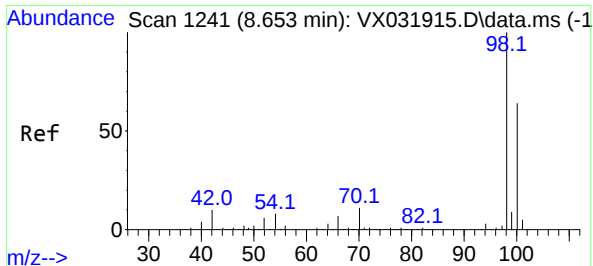
Ion Ratio Lower Upper

117 100

119 0.0 74.6 112.0#

121 0.0 25.3 37.9#

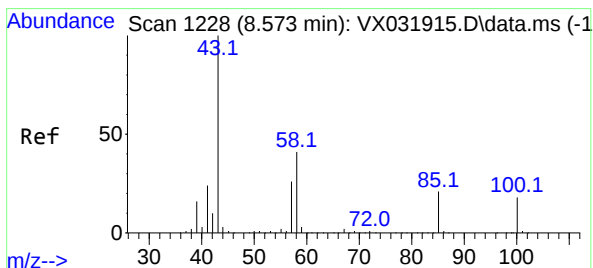
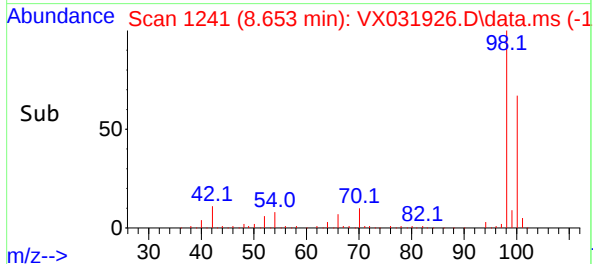
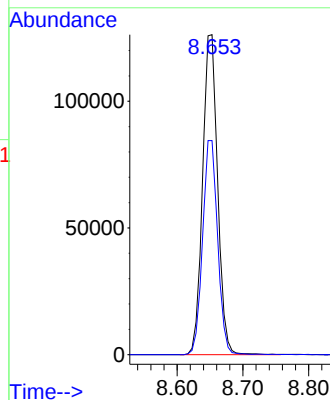
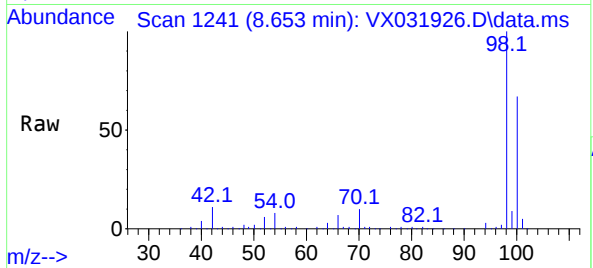




#50
Toluene-d8
Concen: 49.926 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

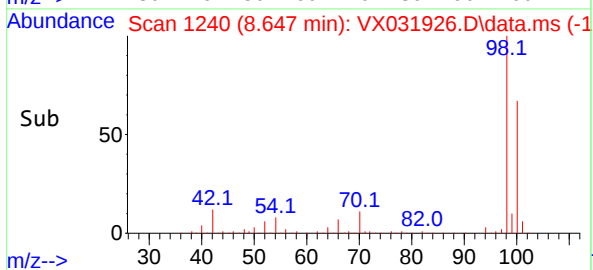
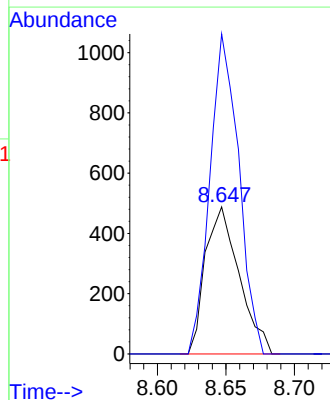
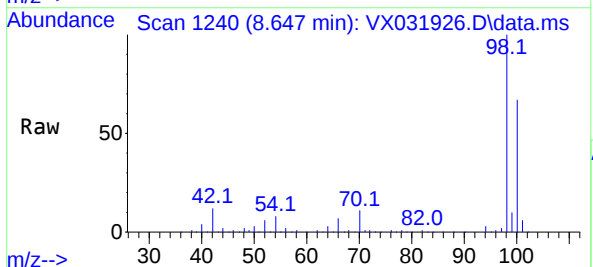
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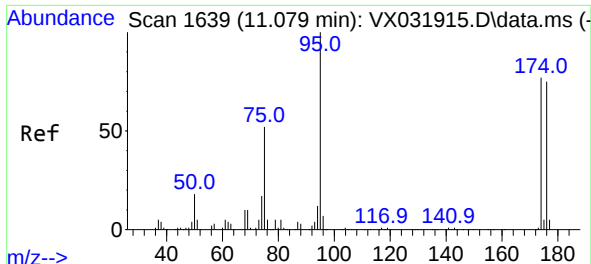
Tgt Ion: 98 Resp: 201039
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.598 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion: 43 Resp: 840
Ion Ratio Lower Upper
43 100
58 185.6 30.6 46.0#

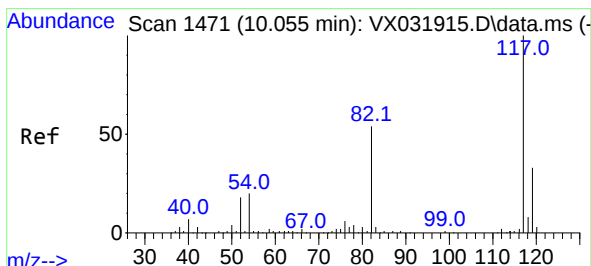
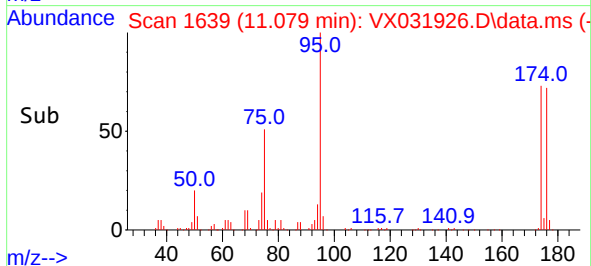
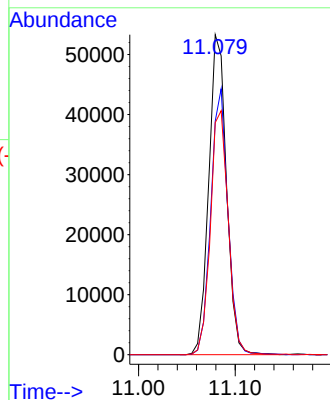
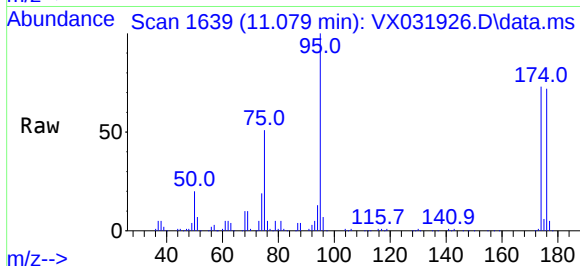




#62
4-Bromofluorobenzene
Concen: 47.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

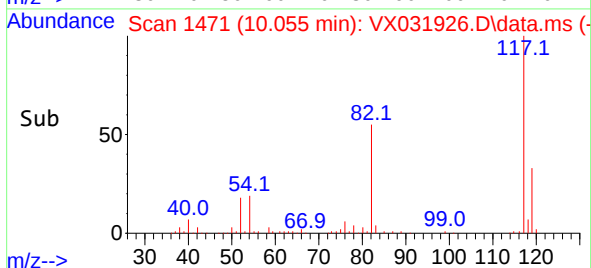
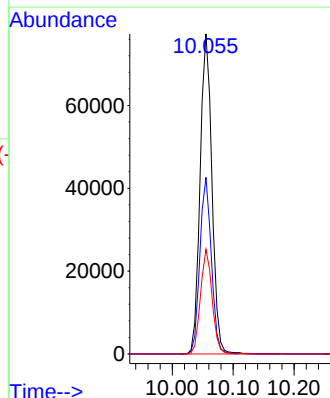
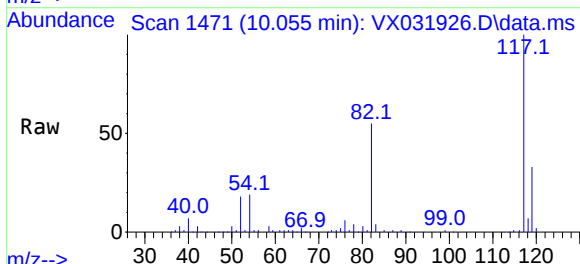
Instrument :
MSVOA_X
ClientSampleId :
265393-6

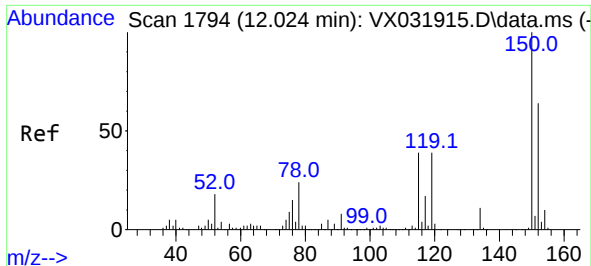
Tgt Ion: 95 Resp: 68140
Ion Ratio Lower Upper
95 100
174 80.2 0.0 153.2
176 76.8 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

Tgt Ion: 117 Resp: 104022
Ion Ratio Lower Upper
117 100
82 55.2 46.8 70.2
119 32.7 26.4 39.6

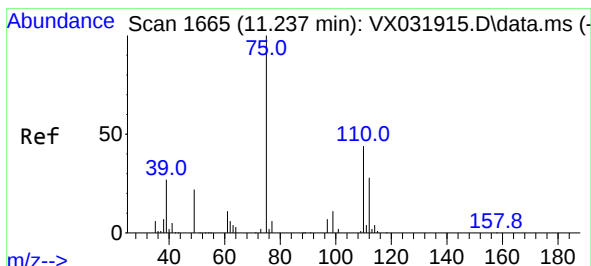
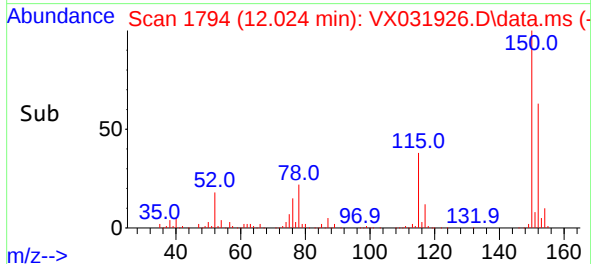
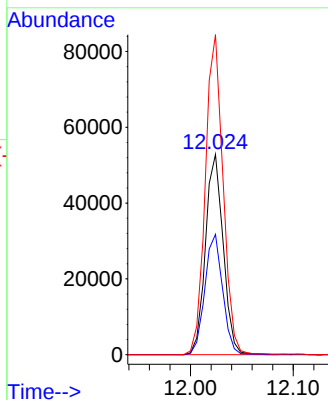
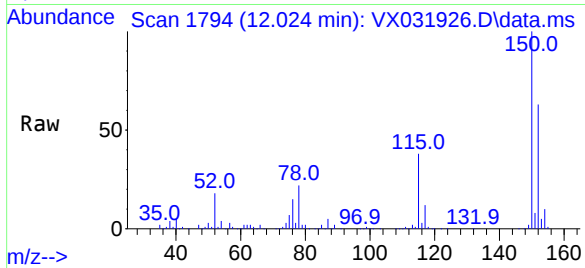




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

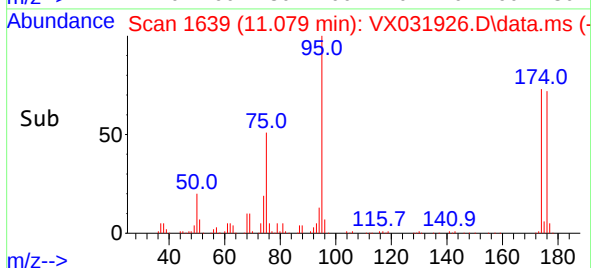
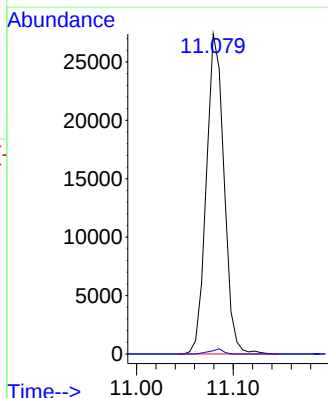
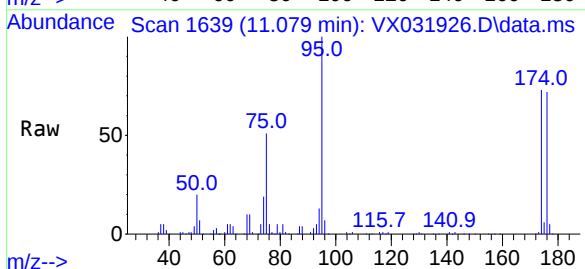
Instrument :
MSVOA_X
ClientSampleId :
265393-6

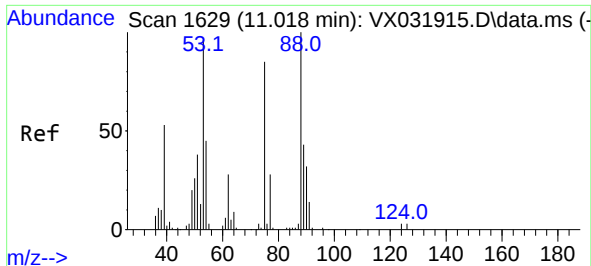
Tgt Ion:152 Resp: 63514
Ion Ratio Lower Upper
152 100
115 60.4 43.4 130.1
150 159.5 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 26.815 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031926.D
Acq: 06 Oct 2022 18:32

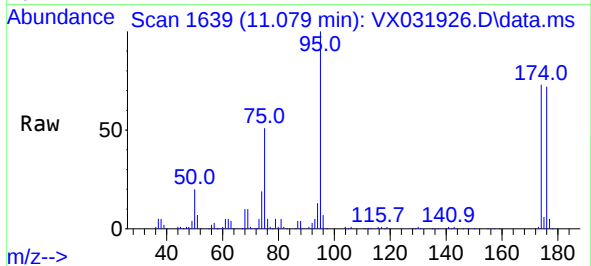
Tgt Ion: 75 Resp: 34905
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.906 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031926.D
 Acq: 06 Oct 2022 18:32

Instrument :
 MSVOA_X
 ClientSampleId :
 265393-6



Tgt Ion: 75 Resp: 34905
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

