

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
 Data File : VX032870.D
 Acq On : 16 Nov 2022 16:01
 Operator : JC/MD
 Sample : N5614-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 17 05:43:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

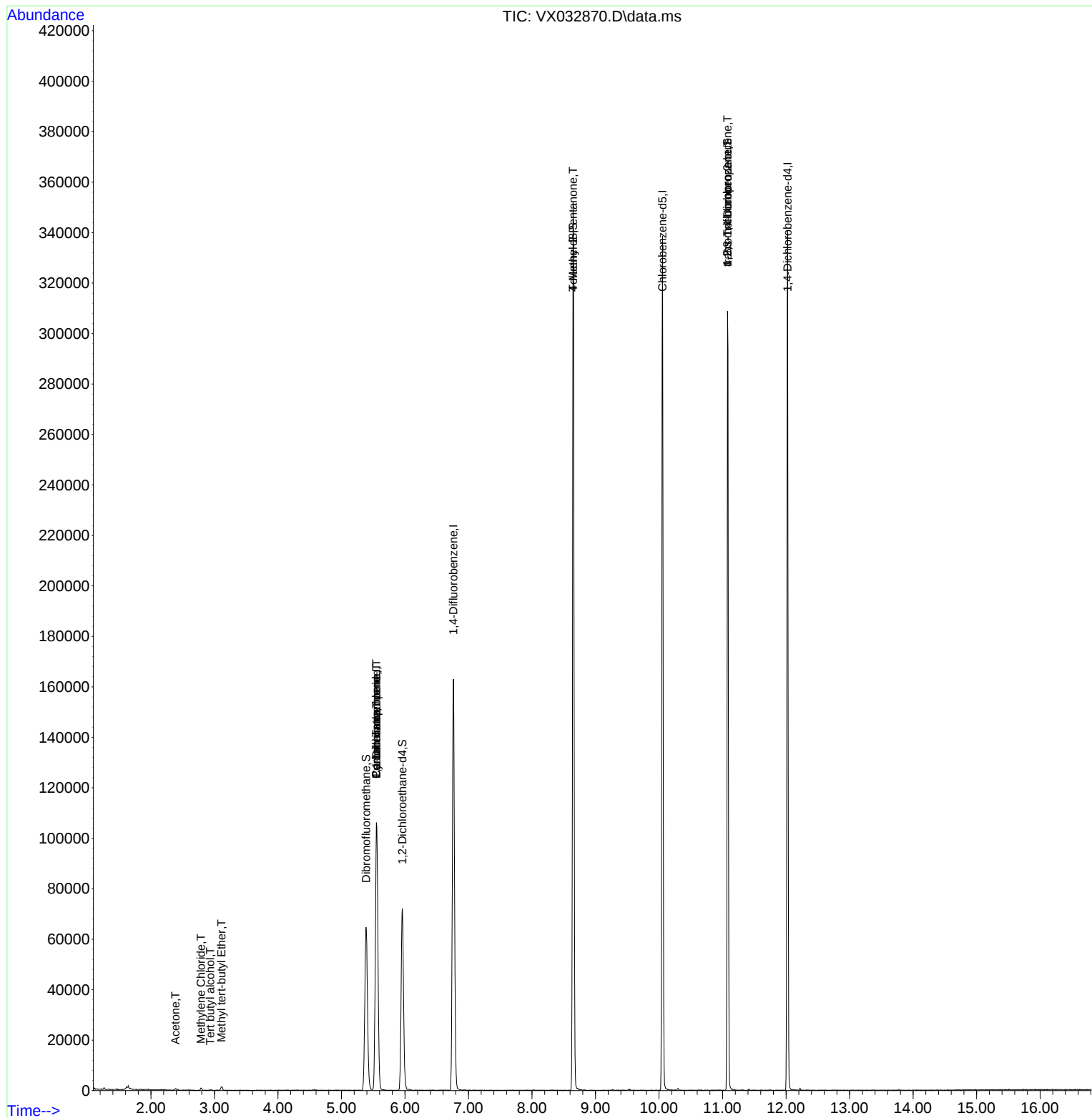
Internal Standards						
1) Pentafluorobenzene	5.550	168	101549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	166873	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68029	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71575	50.726	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 101.460%	
35) Dibromofluoromethane	5.385	113	55819	46.894	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.780%	
50) Toluene-d8	8.647	98	207358	50.098	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	11.079	95	78191	48.362	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	129	0.628	ug/l #	72
16) Acetone	2.386	43	896	1.747	ug/l #	74
19) Methyl tert-butyl Ether	3.111	73	1757	0.491	ug/l #	82
20) Methylene Chloride	2.788	84	433	0.368	ug/l #	90
31) Cyclohexane	5.550	56	2180	1.274	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	7517	4.535	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10435	5.676	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	930	0.557	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42969	28.391	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42969	90.340	ug/l #	6

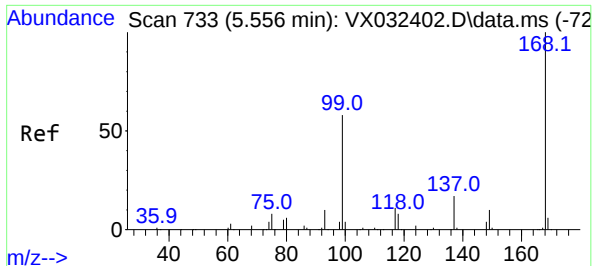
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111622\
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ClientSampleId :

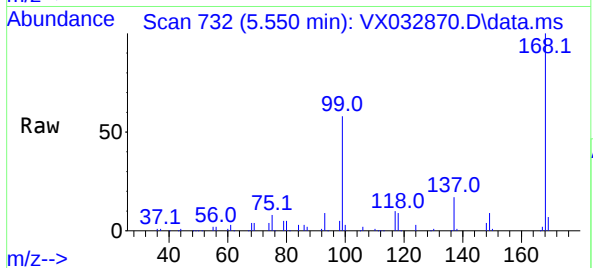
Quant Time: Nov 17 05:43:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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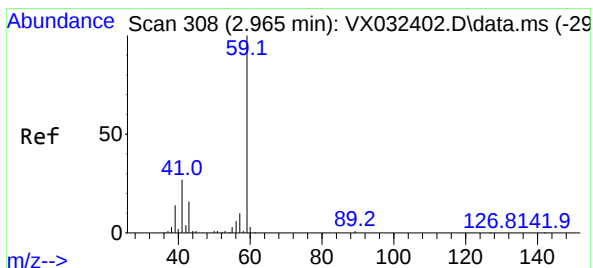
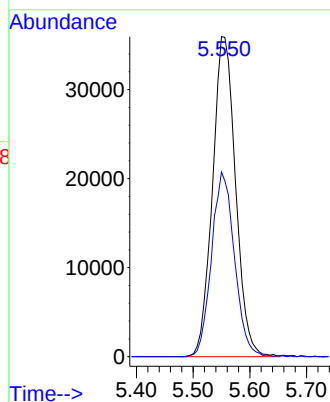


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :

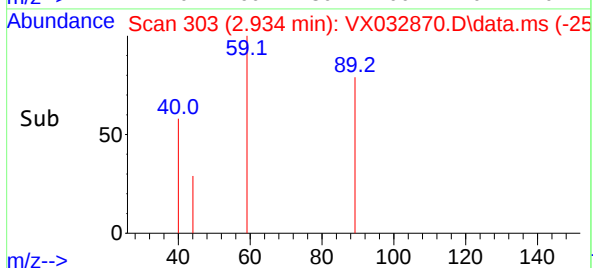
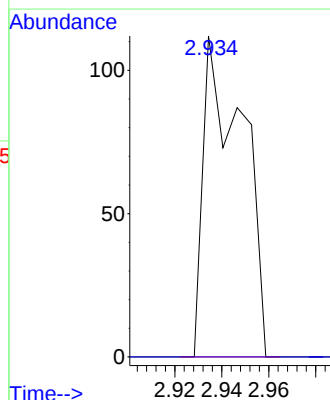
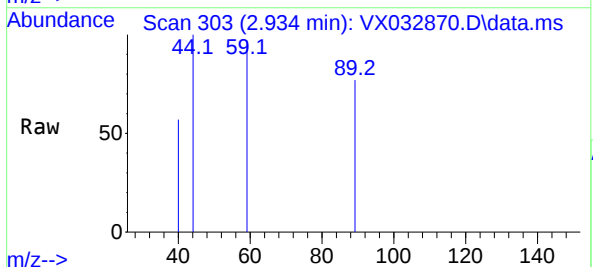


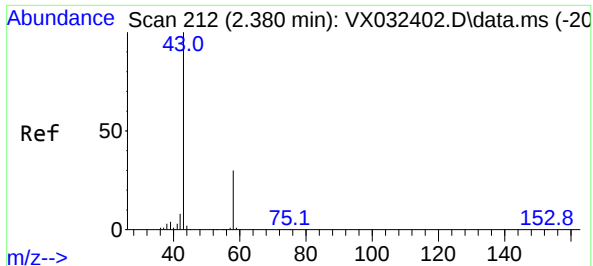
Tgt Ion:168 Resp: 101549
Ion Ratio Lower Upper
168 100
99 57.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.628 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.030 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

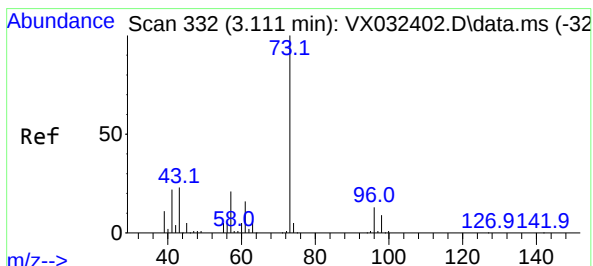
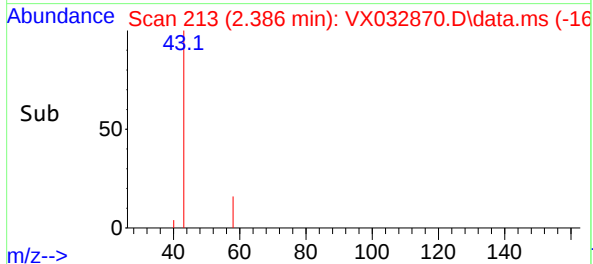
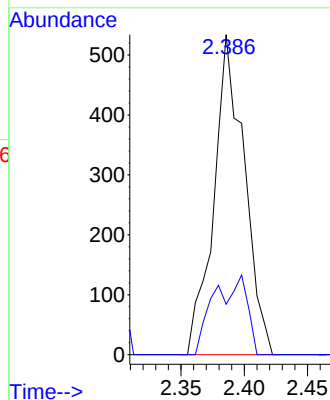
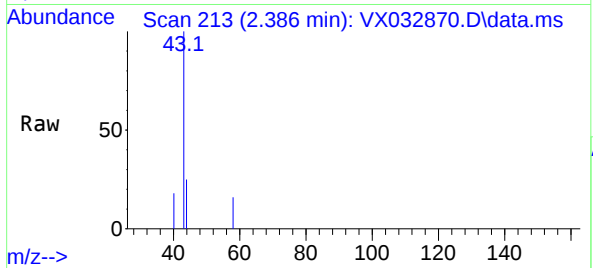




#16
Acetone
Concen: 1.747 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

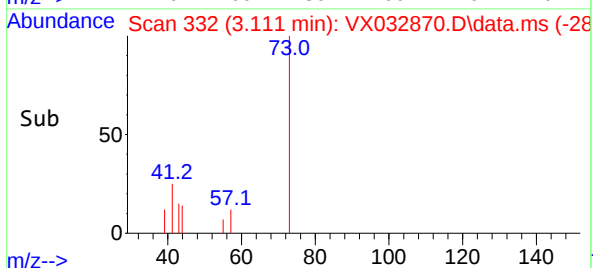
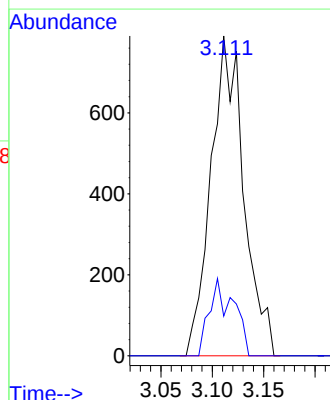
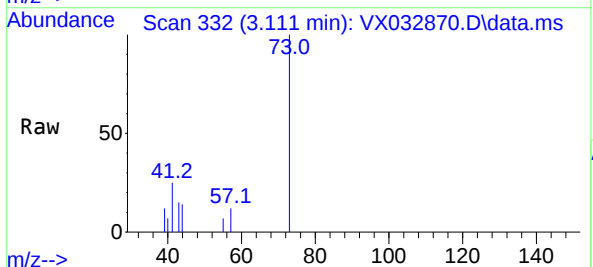
Instrument :
MSVOA_X
ClientSampleId :

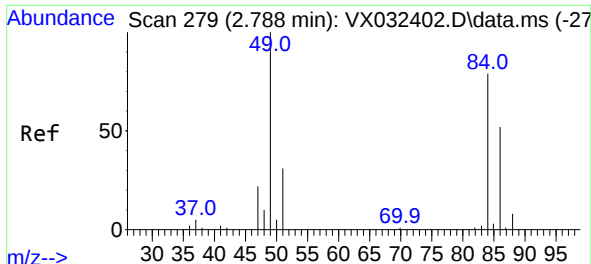
Tgt Ion: 43 Resp: 896
Ion Ratio Lower Upper
43 100
58 15.7 23.8 35.8#



#19
Methyl tert-butyl Ether
Concen: 0.491 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

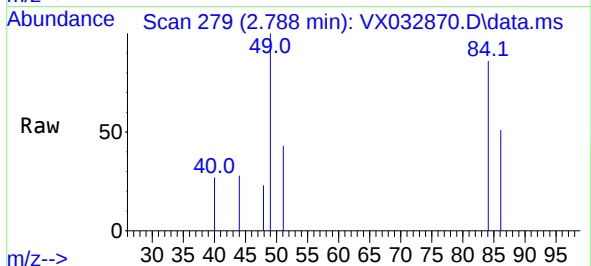
Tgt Ion: 73 Resp: 1757
Ion Ratio Lower Upper
73 100
57 12.4 16.6 25.0#





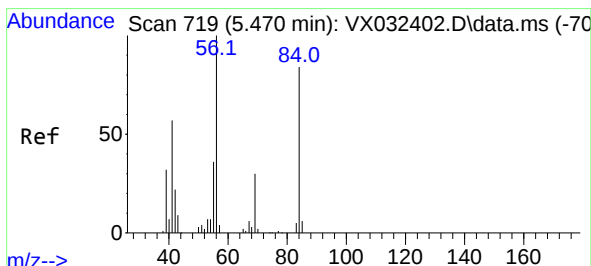
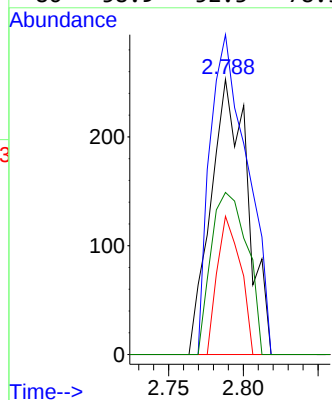
#20
Methylene Chloride
Concen: 0.368 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 433

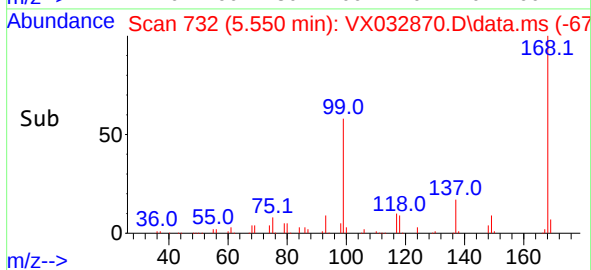
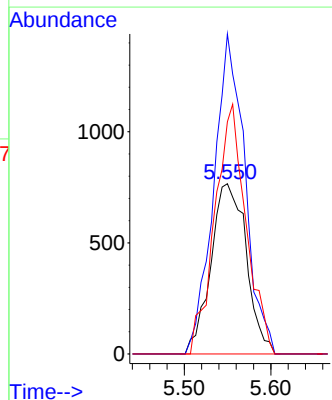
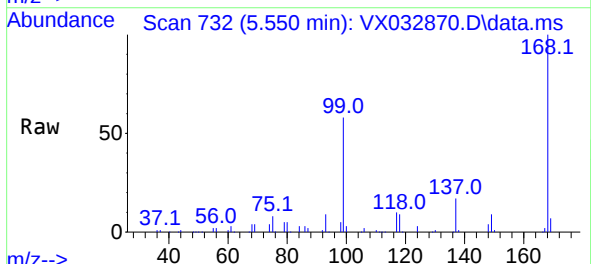
Ion	Ratio	Lower	Upper
84	100		
49	116.2	101.0	151.6
51	50.2	31.1	46.7#
86	58.9	52.3	78.5

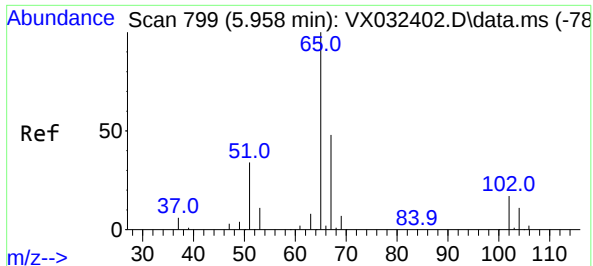


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion: 56 Resp: 2180

Ion	Ratio	Lower	Upper
56	100		
69	188.0	24.1	36.1#
84	136.4	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.726 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032870.D

Acq: 16 Nov 2022 16:01

Instrument :

MSVOA_X

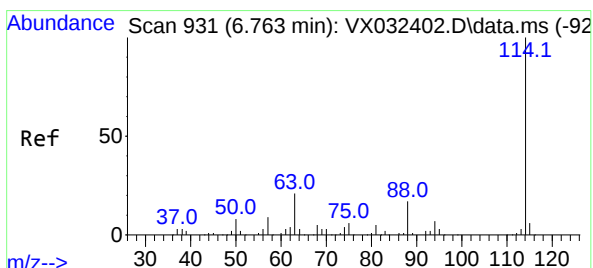
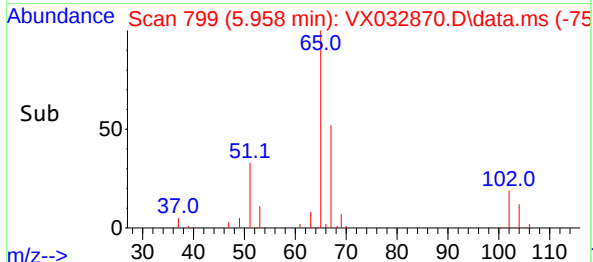
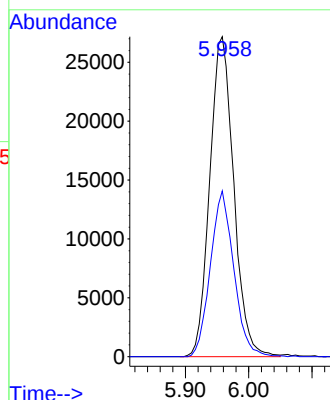
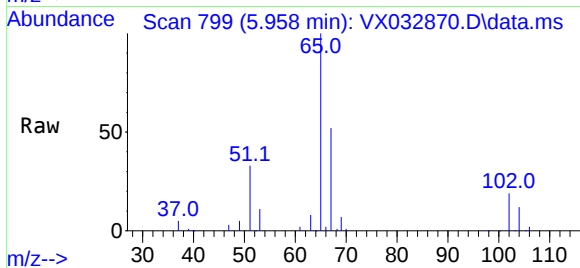
ClientSampleId :

Tgt Ion: 65 Resp: 71575

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX032870.D

Acq: 16 Nov 2022 16:01

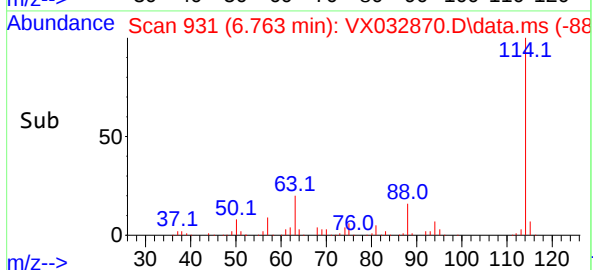
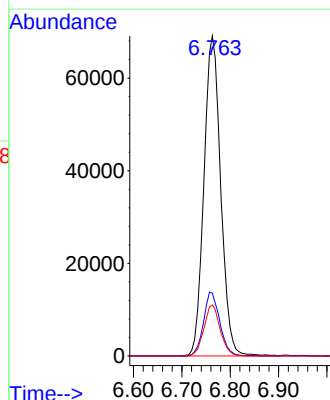
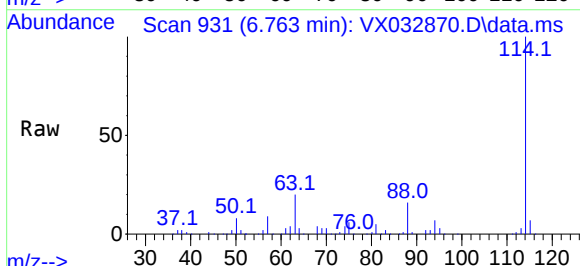
Tgt Ion: 114 Resp: 166873

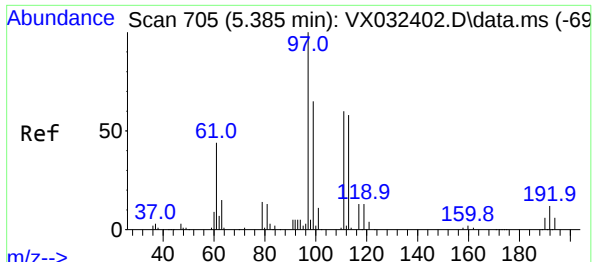
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

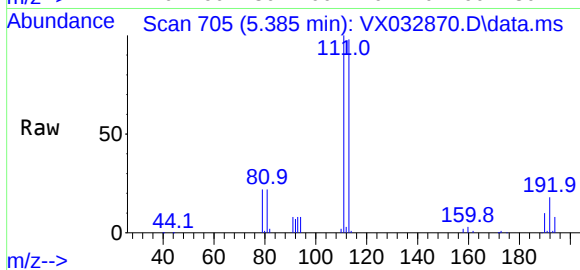
88 15.9 0.0 33.4



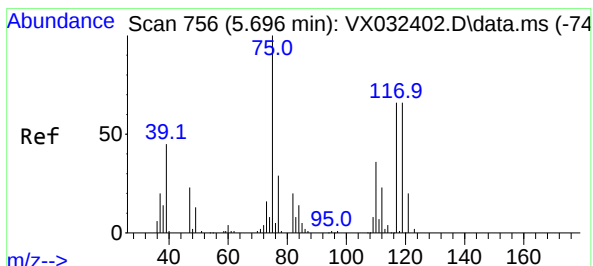
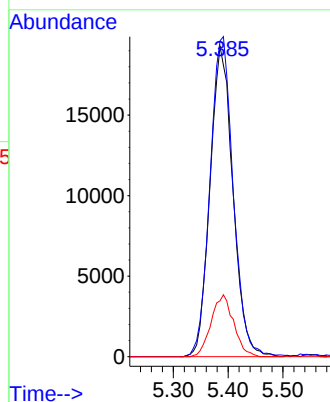
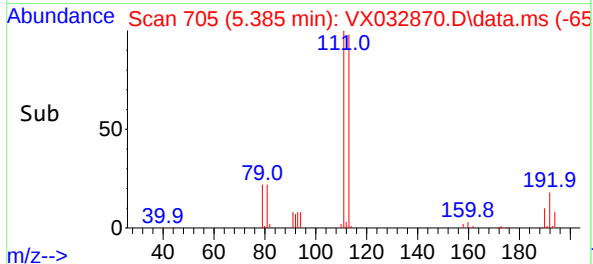


#35
Dibromofluoromethane
Concen: 46.894 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

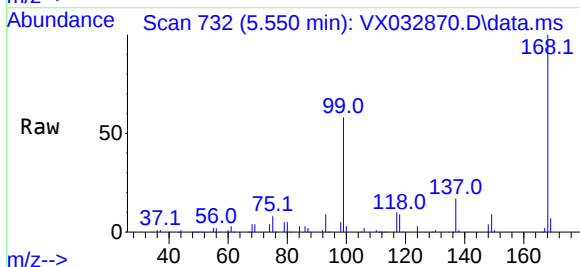
Instrument :
MSVOA_X
ClientSampleId :



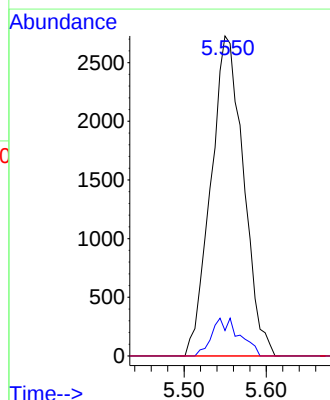
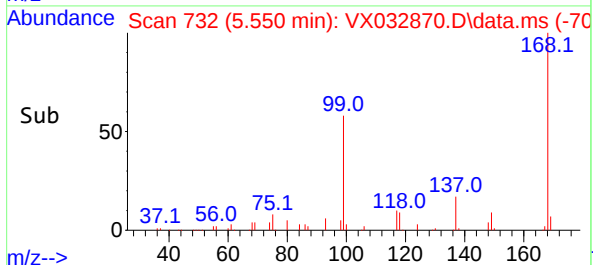
Tgt Ion:113 Resp: 55819
Ion Ratio Lower Upper
113 100
111 104.6 82.4 123.6
192 19.6 15.4 23.2

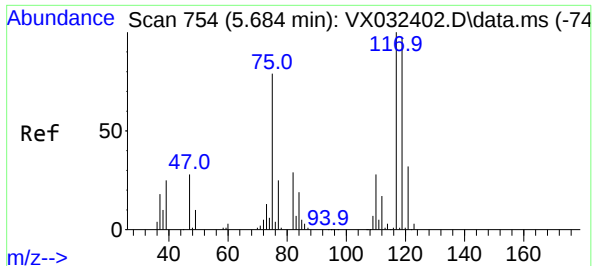


#36
1,1-Dichloropropene
Concen: 4.535 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01



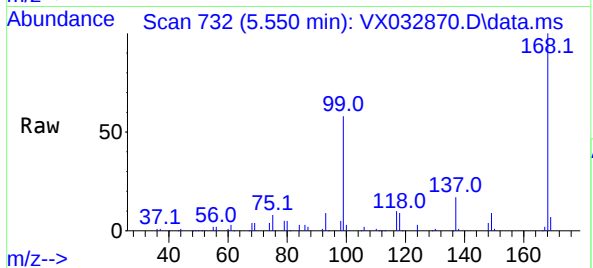
Tgt Ion: 75 Resp: 7517
Ion Ratio Lower Upper
75 100
110 10.0 18.4 55.2#
77 0.0 24.5 36.7#



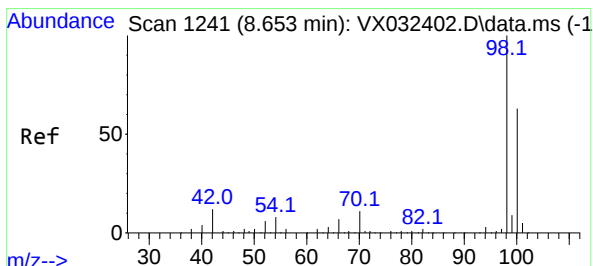
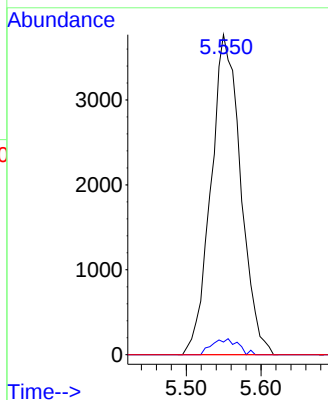
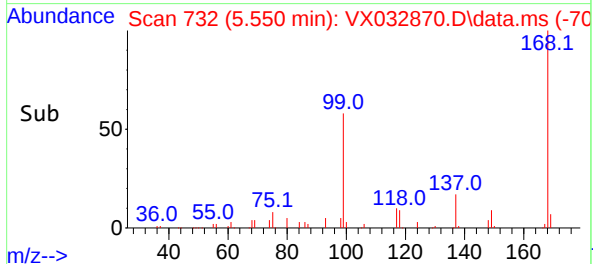


#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :

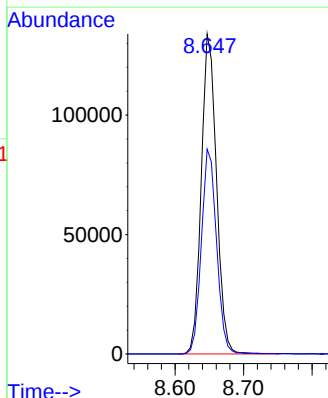
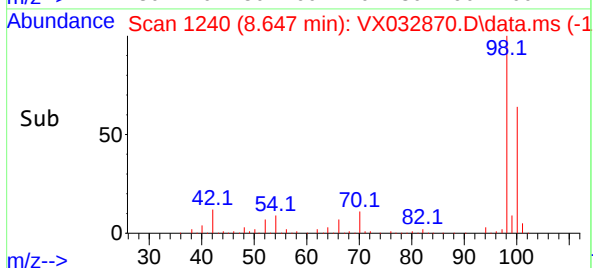
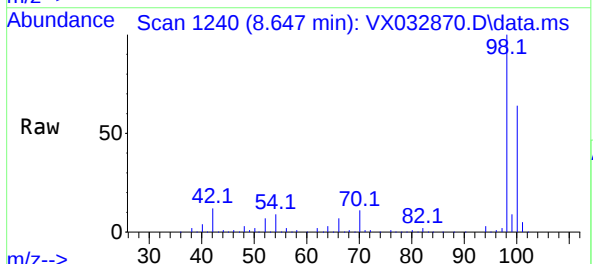


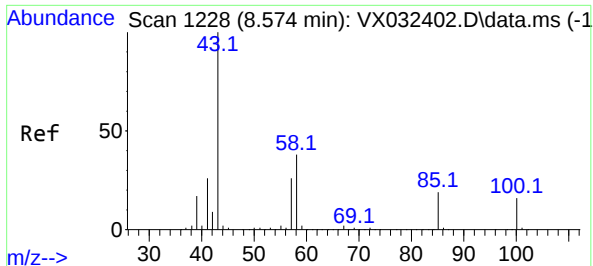
Tgt Ion:117 Resp: 10435
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.098 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion: 98 Resp: 207358
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.557 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032870.D

Acq: 16 Nov 2022 16:01

Instrument :

MSVOA_X

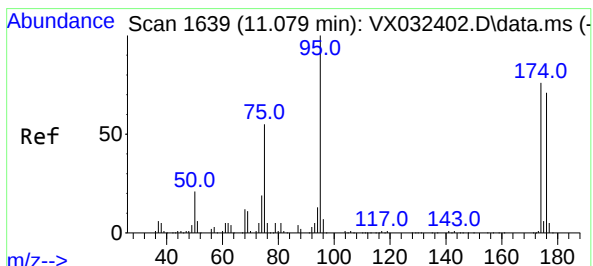
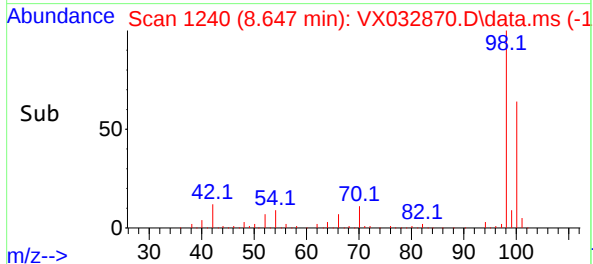
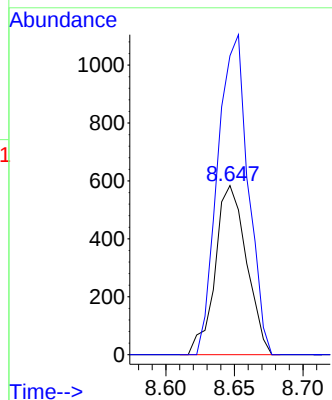
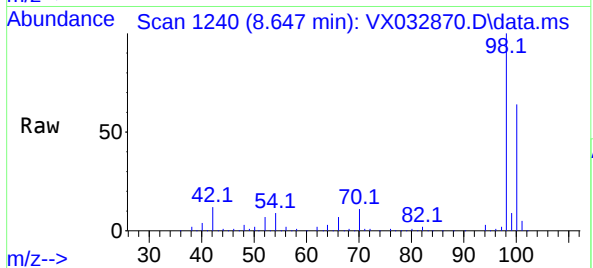
ClientSampleId :

Tgt Ion: 43 Resp: 930

Ion Ratio Lower Upper

43 100

58 184.3 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 48.362 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032870.D

Acq: 16 Nov 2022 16:01

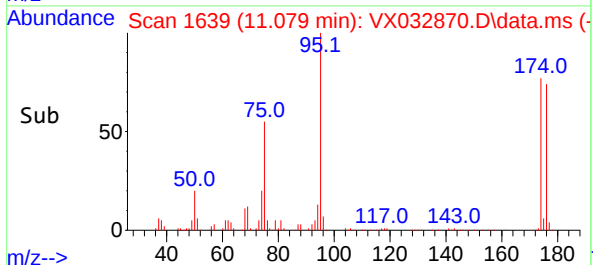
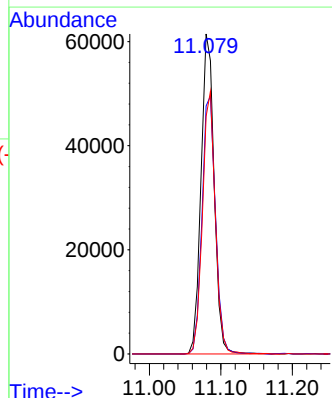
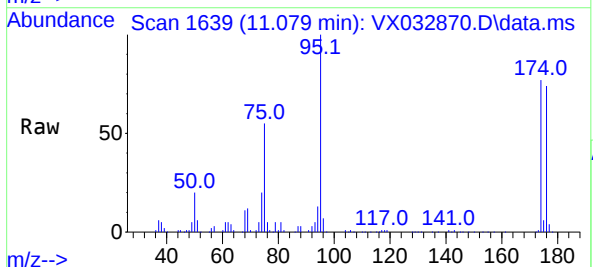
Tgt Ion: 95 Resp: 78191

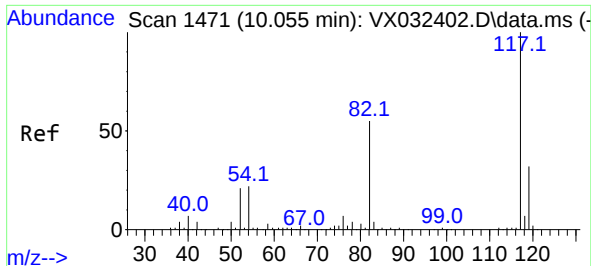
Ion Ratio Lower Upper

95 100

174 83.0 0.0 164.0

176 80.5 0.0 154.4

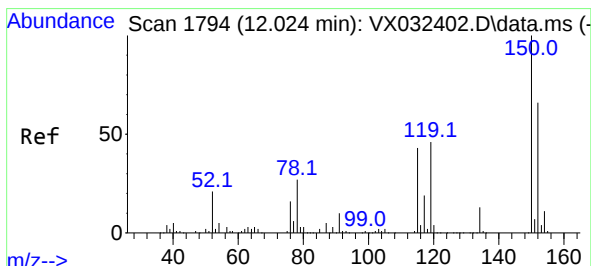
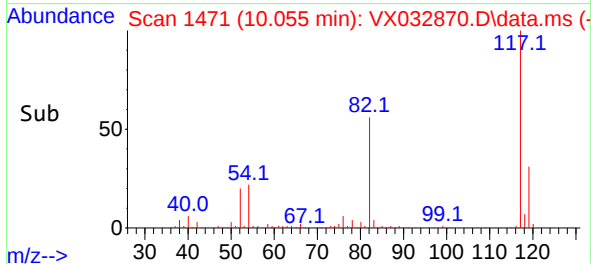
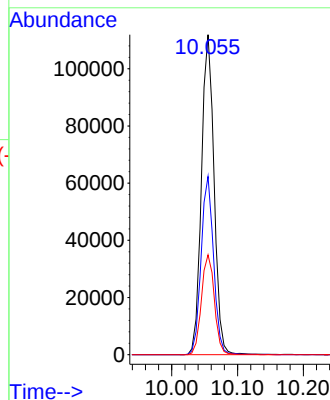
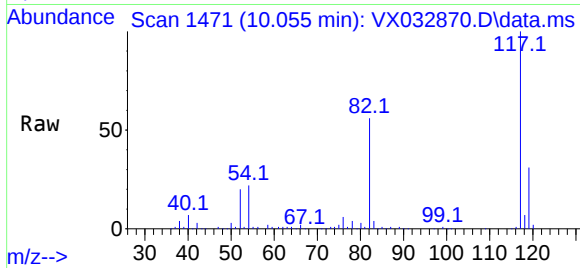




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

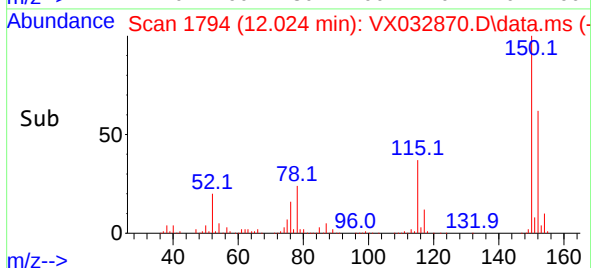
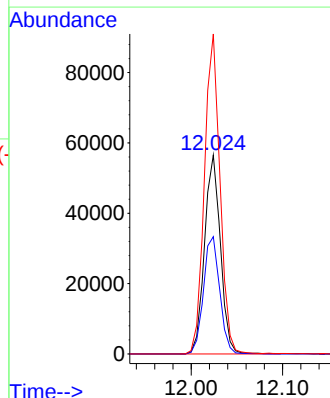
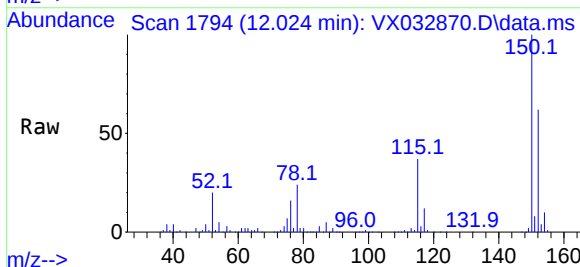
Instrument :
MSVOA_X
ClientSampleId :

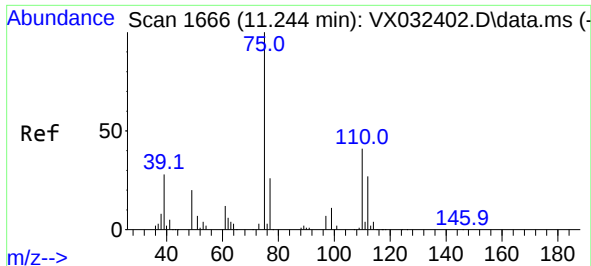
Tgt Ion:117 Resp: 149549
Ion Ratio Lower Upper
117 100
82 55.7 44.3 66.5
119 31.2 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion:152 Resp: 68029
Ion Ratio Lower Upper
152 100
115 60.5 44.0 132.0
150 157.8 0.0 351.8

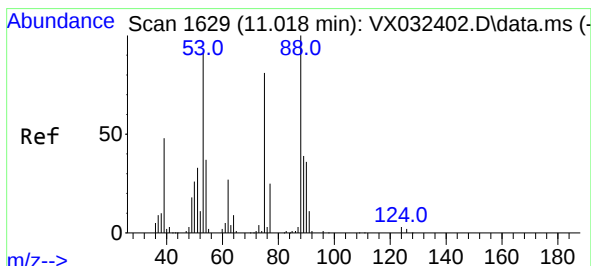
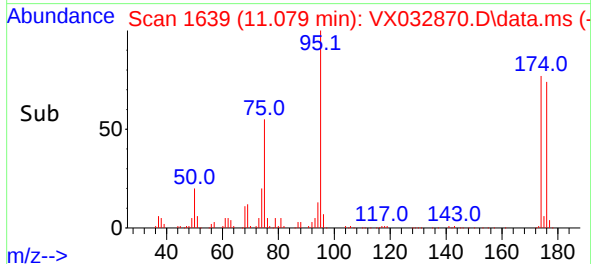
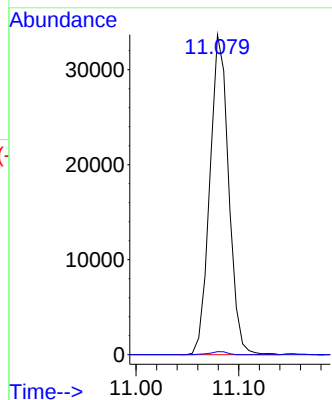
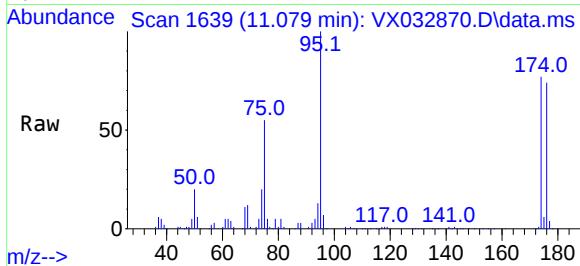




#76
1,2,3-Trichloropropane
Concen: 28.391 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42969
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.340 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032870.D
Acq: 16 Nov 2022 16:01

Tgt Ion: 75 Resp: 42969
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

