

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111522\
 Data File : VX032849.D
 Acq On : 16 Nov 2022 06:34
 Operator : JC/MD
 Sample : N5640-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 16 07:06:03 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)

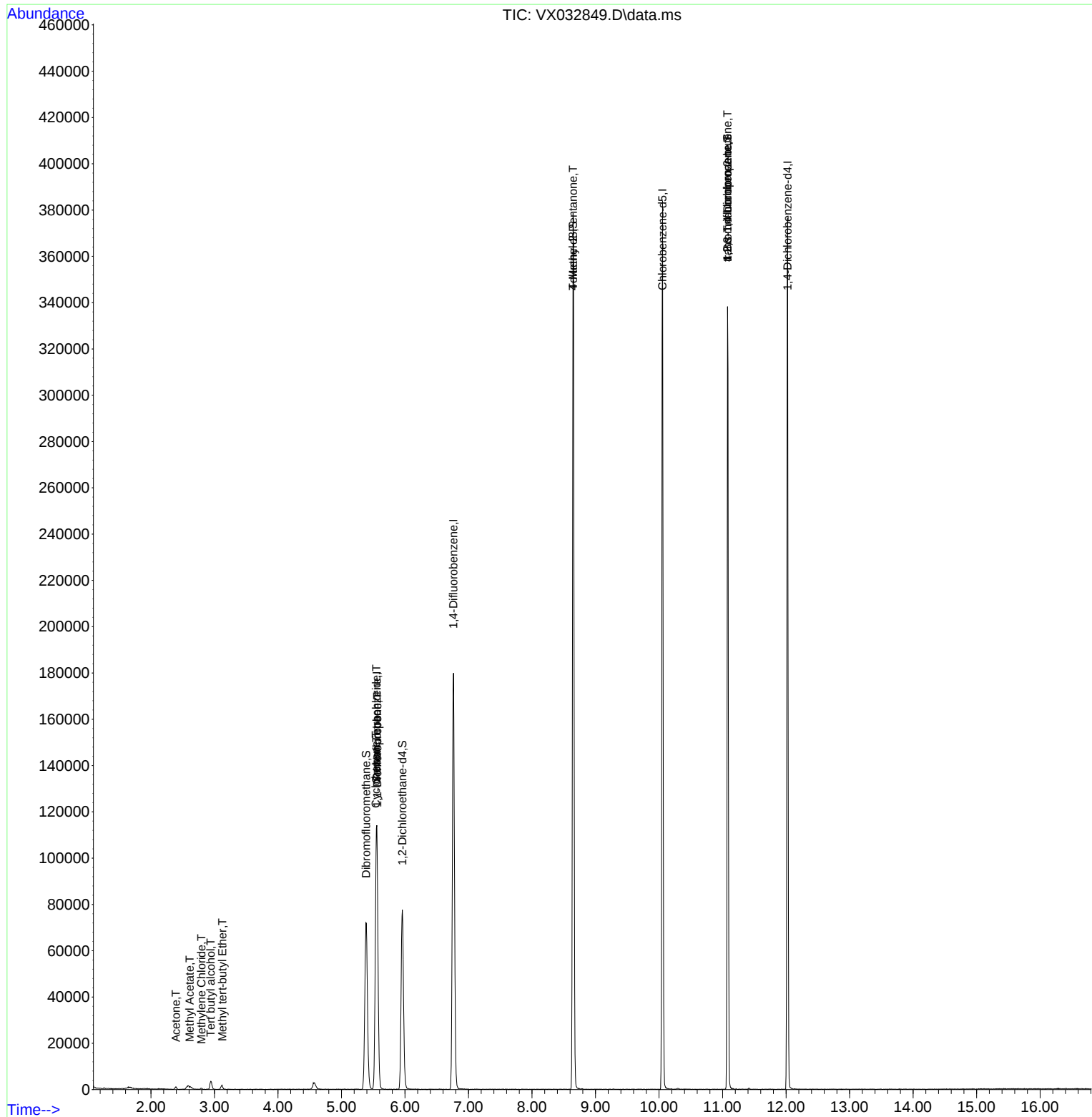
Internal Standards						
1) Pentafluorobenzene	5.556	168	109516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	183097	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76448	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78230	51.410	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.820%	
35) Dibromofluoromethane	5.385	113	61832	47.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.680%	
50) Toluene-d8	8.647	98	226312	49.833	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.660%	
62) 4-Bromofluorobenzene	11.079	95	84539	47.655	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.300%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2189	9.883	ug/l #	72
16) Acetone	2.392	43	1306	2.361	ug/l #	89
18) Methyl Acetate	2.611	43	512	0.285	ug/l #	51
19) Methyl tert-butyl Ether	3.123	73	2085	0.540	ug/l	94
20) Methylene Chloride	2.794	84	283	0.223	ug/l #	65
31) Cyclohexane	5.544	56	2285	1.238	ug/l #	40
36) 1,1-Dichloropropene	5.562	75	8733	4.802	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11157	5.531	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1047	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	46034	27.066	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46034	86.126	ug/l #	6

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

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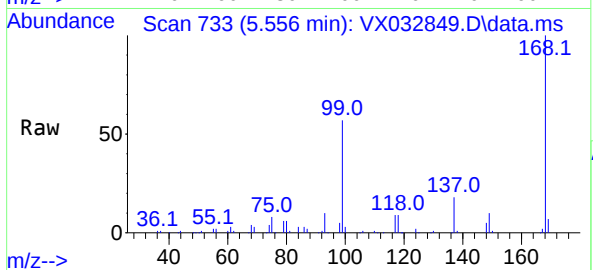
Quant Time: Nov 16 07:06:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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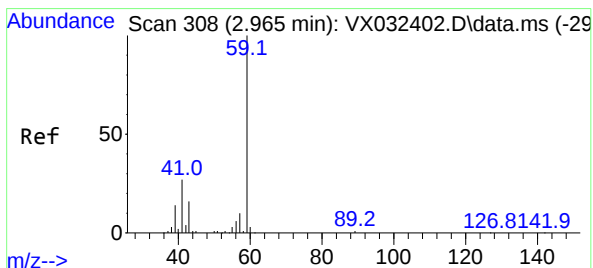
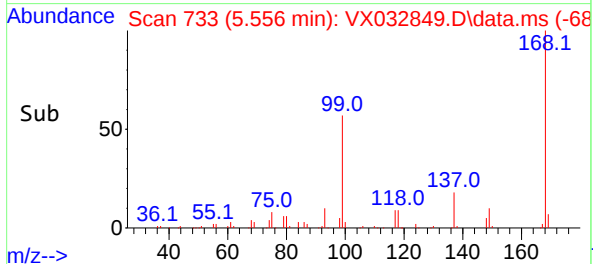
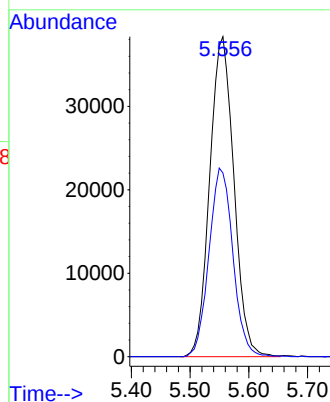


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

Instrument :
MSVOA_X
ClientSampleId :

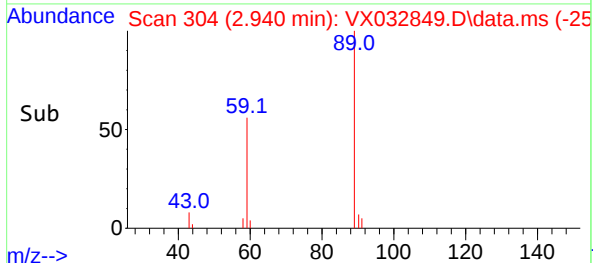
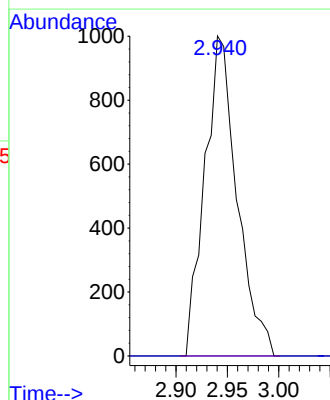
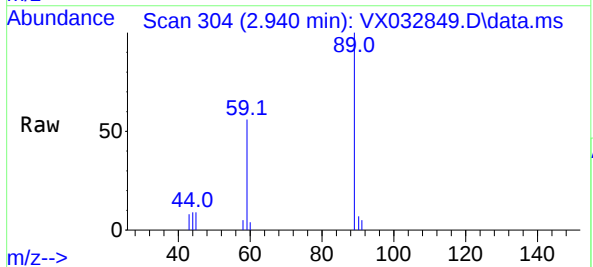


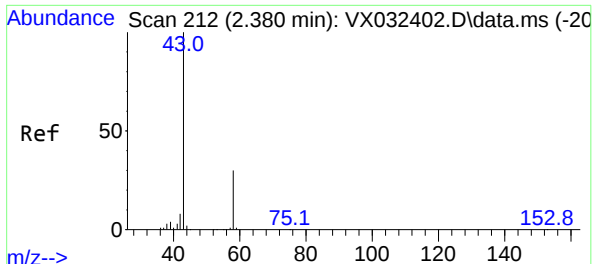
Tgt Ion:168 Resp: 109516
Ion Ratio Lower Upper
168 100
99 57.4 46.1 69.1



#11
Tert butyl alcohol
Concen: 9.883 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.025 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

Tgt Ion: 59 Resp: 2189
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

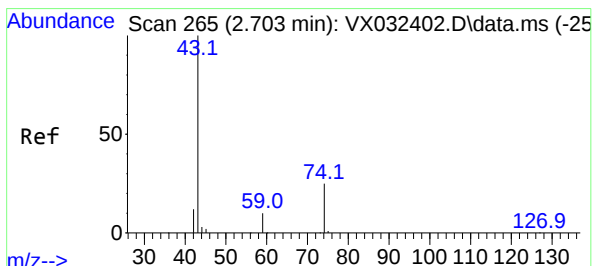
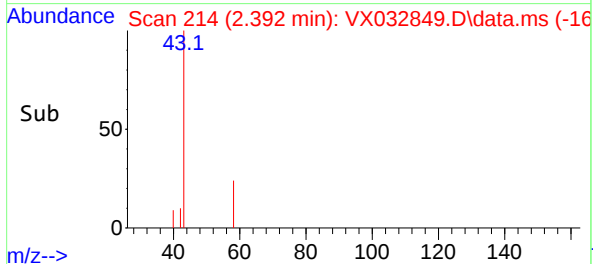
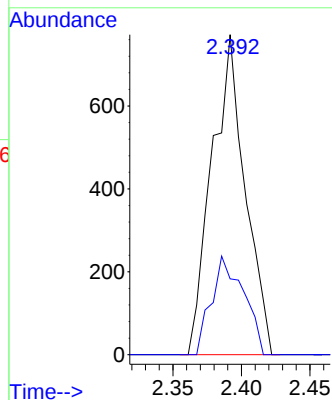
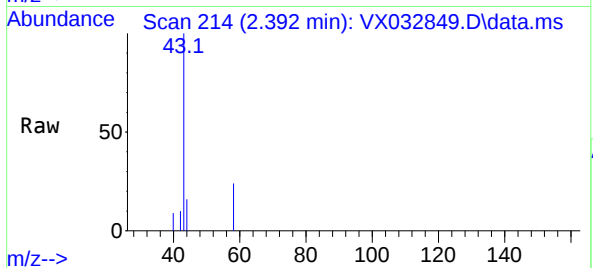




#16
Acetone
Concen: 2.361 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

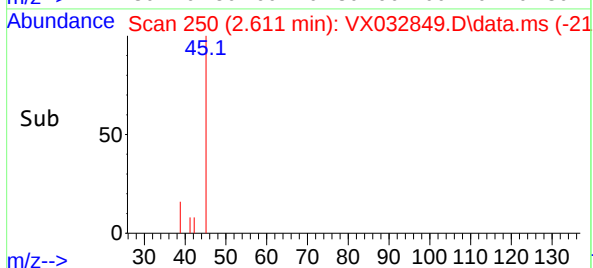
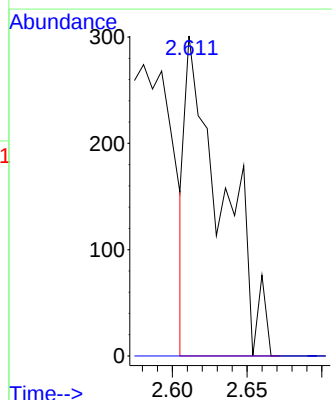
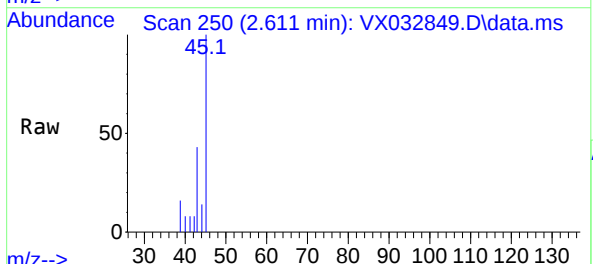
Instrument :
MSVOA_X
ClientSampleId :

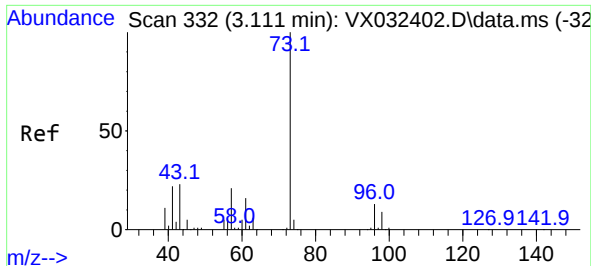
Tgt Ion: 43 Resp: 1306
Ion Ratio Lower Upper
43 100
58 23.7 23.8 35.8#



#18
Methyl Acetate
Concen: 0.285 ug/l
RT: 2.611 min Scan# 250
Delta R.T. -0.092 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

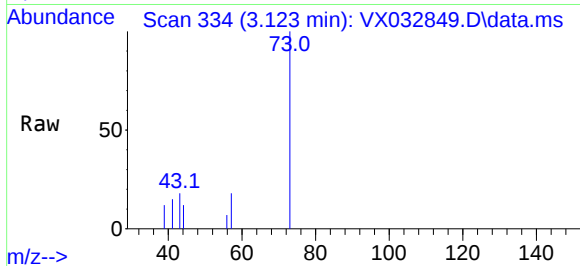
Tgt Ion: 43 Resp: 512
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



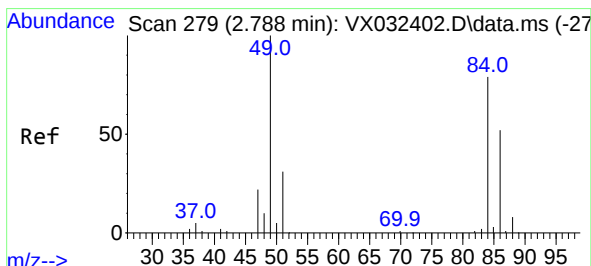
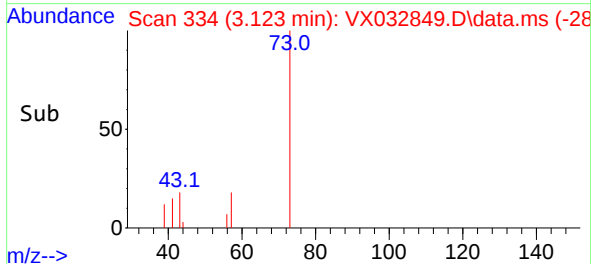
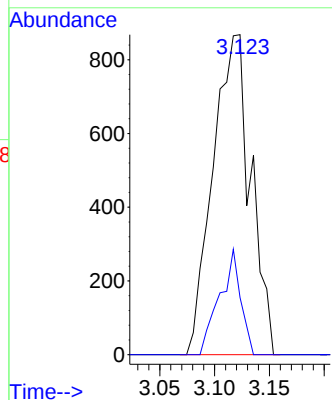


#19
Methyl tert-butyl Ether
Concen: 0.540 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

Instrument :
MSVOA_X
ClientSampleId :

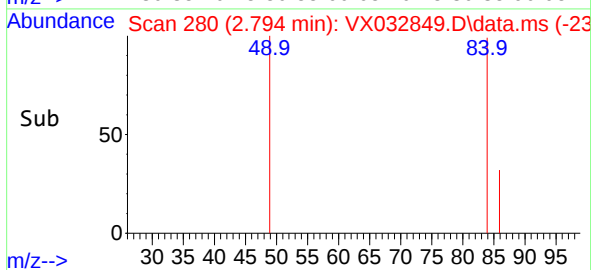
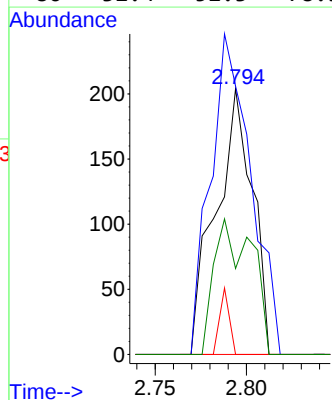
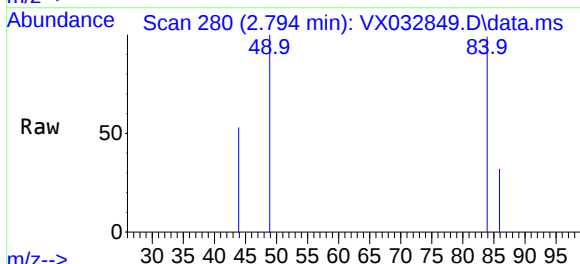


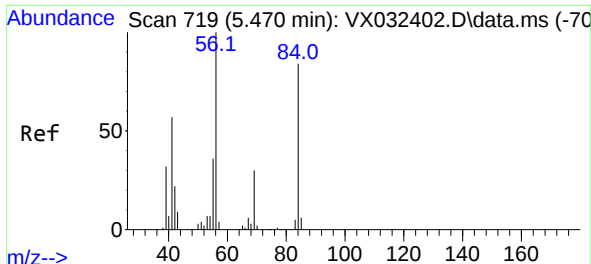
Tgt Ion: 73 Resp: 2085
Ion Ratio Lower Upper
73 100
57 17.9 16.6 25.0



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

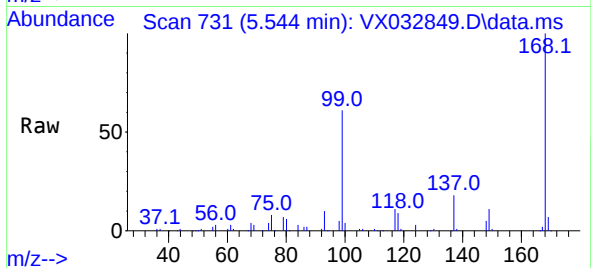
Tgt Ion: 84 Resp: 283
Ion Ratio Lower Upper
84 100
49 101.0 101.0 151.6#
51 0.0 31.1 46.7#
86 32.4 52.3 78.5#



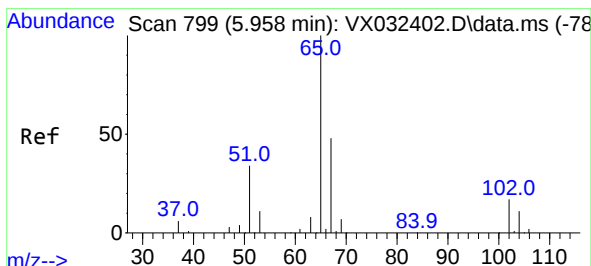
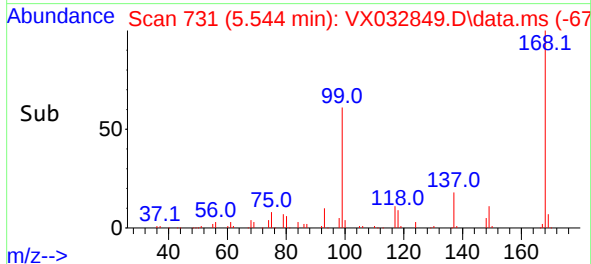
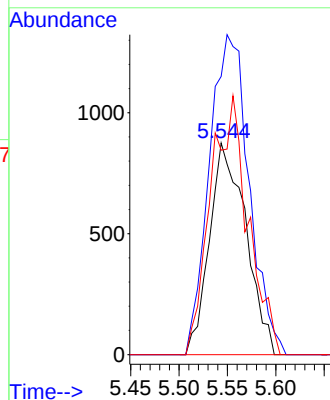


#31
Cyclohexane
Concen: 1.238 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

Instrument :
MSVOA_X
ClientSampleId :

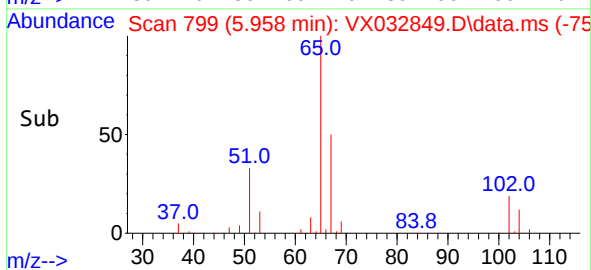
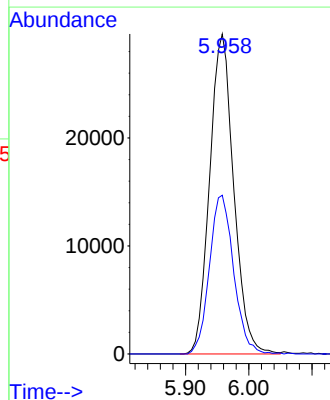
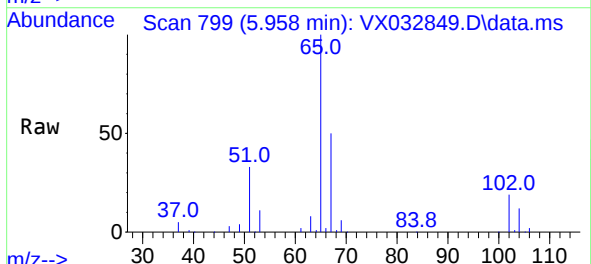


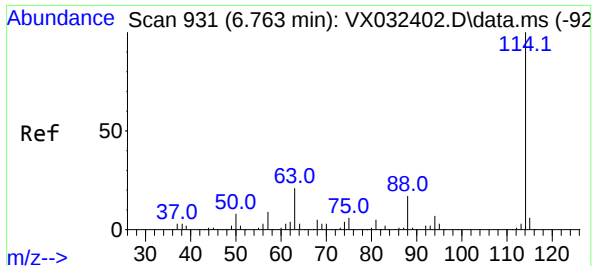
Tgt Ion: 56 Resp: 2285
Ion Ratio Lower Upper
56 100
69 131.4 24.1 36.1#
84 96.6 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 51.410 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

Tgt Ion: 65 Resp: 78230
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX032849.D

Acq: 16 Nov 2022 06:34

Instrument :

MSVOA_X

ClientSampleId :

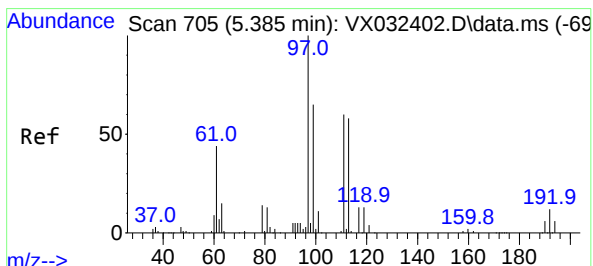
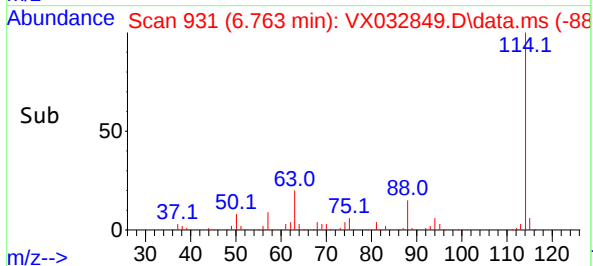
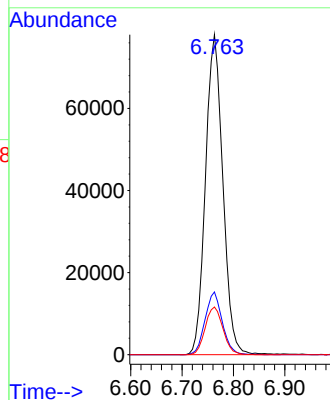
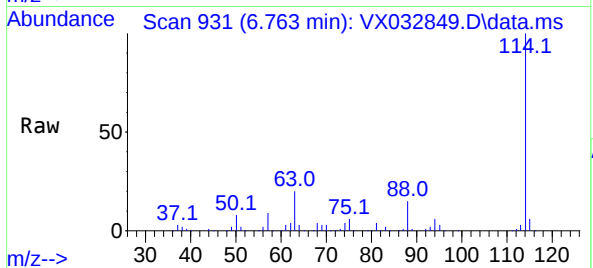
Tgt Ion:114 Resp: 183097

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 14.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 47.343 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX032849.D

Acq: 16 Nov 2022 06:34

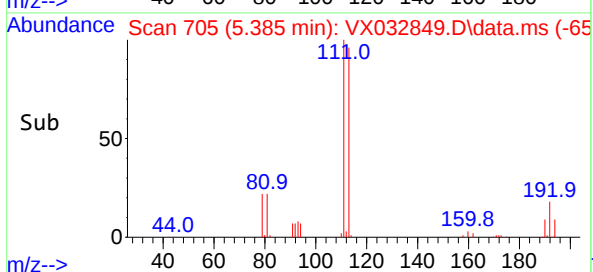
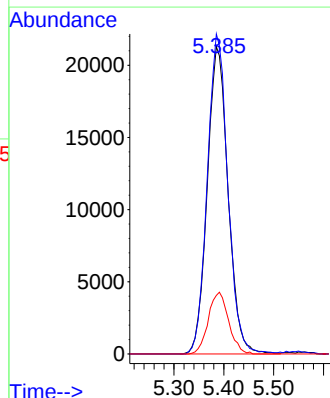
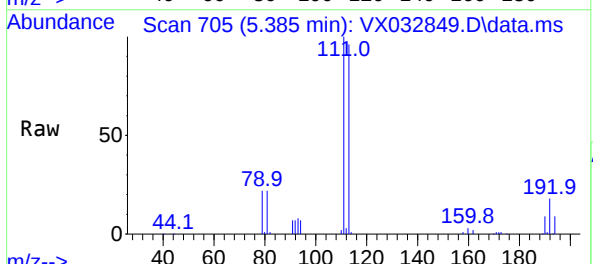
Tgt Ion:113 Resp: 61832

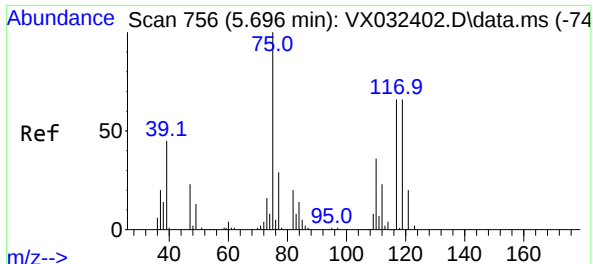
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

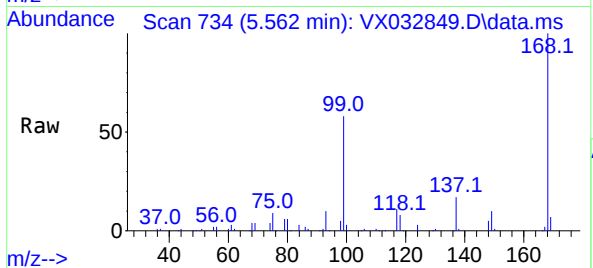
192 19.6 15.4 23.2



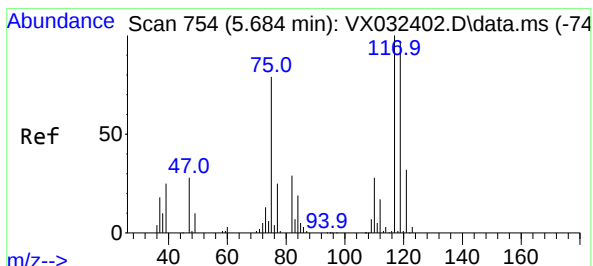
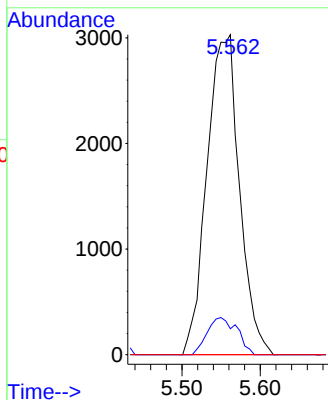
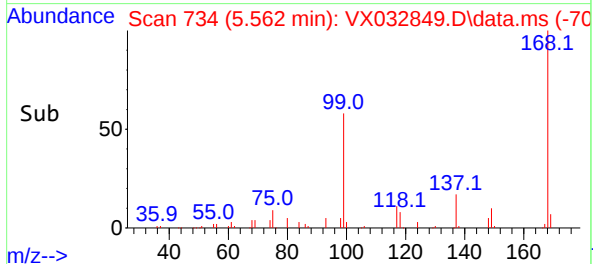


#36
1,1-Dichloropropene
Concen: 4.802 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

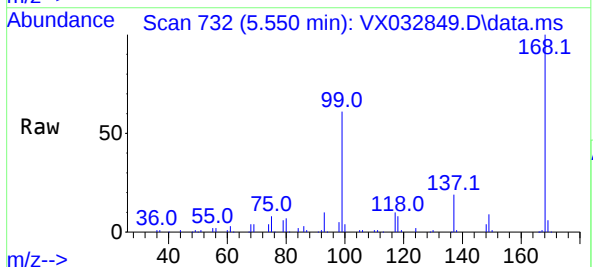
Instrument :
MSVOA_X
ClientSampleId :



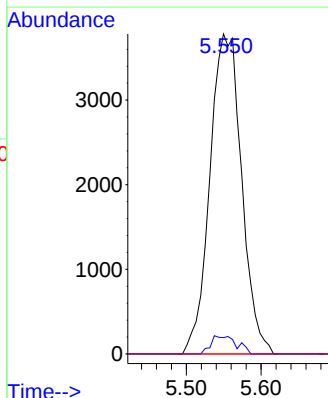
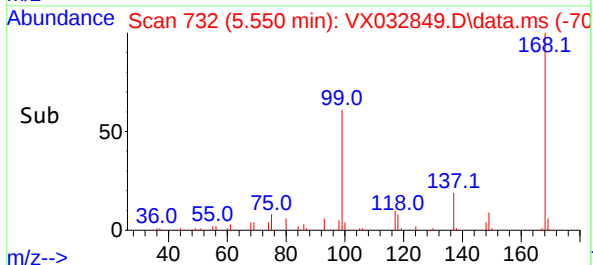
Tgt Ion: 75 Resp: 8733
Ion Ratio Lower Upper
75 100
110 10.7 18.4 55.2#
77 0.0 24.5 36.7#

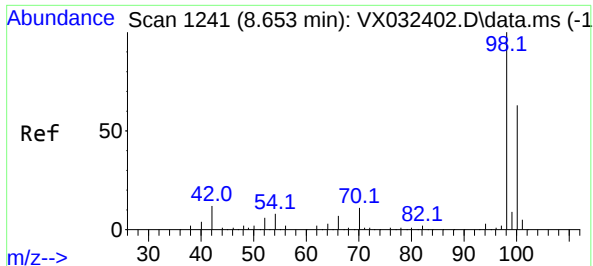


#38
Carbon Tetrachloride
Concen: 5.531 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34



Tgt Ion: 117 Resp: 11157
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.833 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032849.D

Acq: 16 Nov 2022 06:34

Instrument :

MSVOA_X

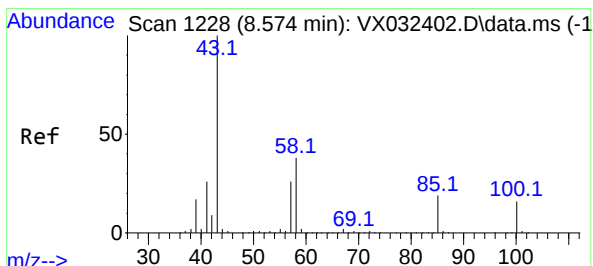
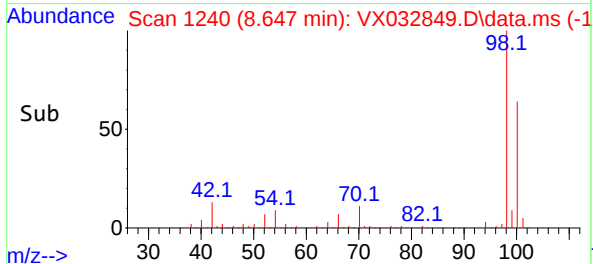
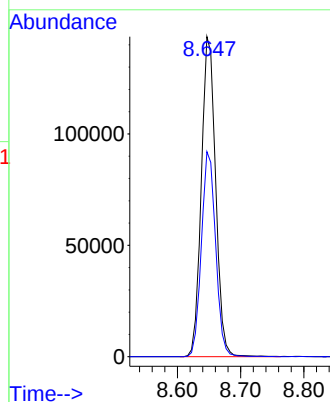
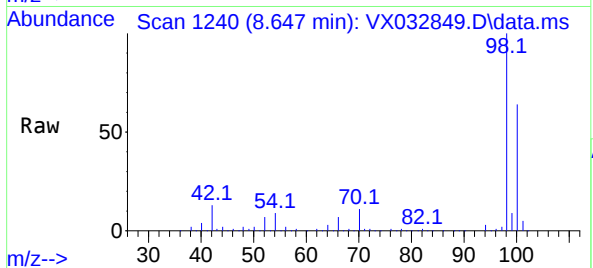
ClientSampleId :

Tgt Ion: 98 Resp: 226312

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.572 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX032849.D

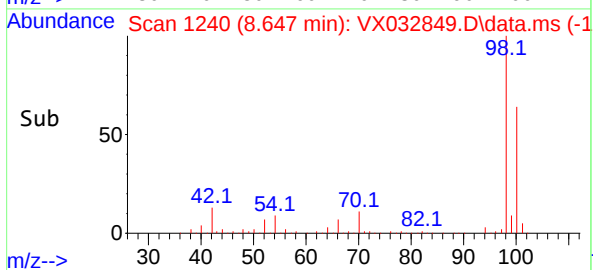
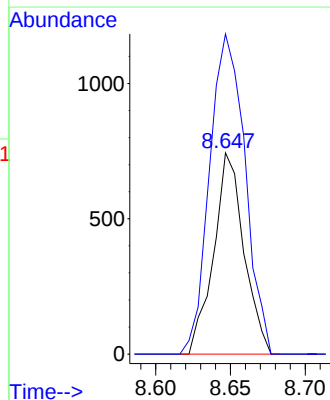
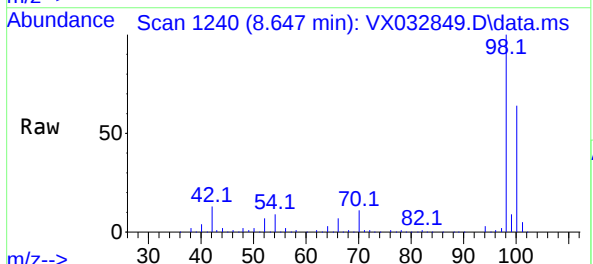
Acq: 16 Nov 2022 06:34

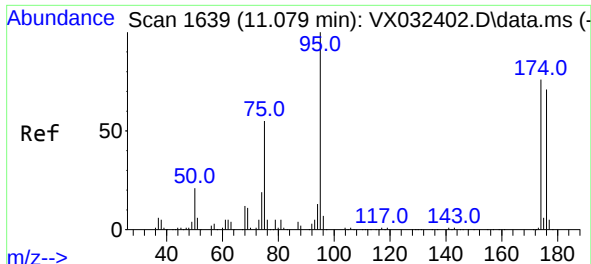
Tgt Ion: 43 Resp: 1047

Ion Ratio Lower Upper

43 100

58 186.2 30.9 46.3#

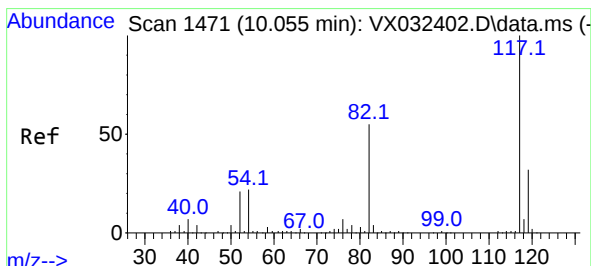
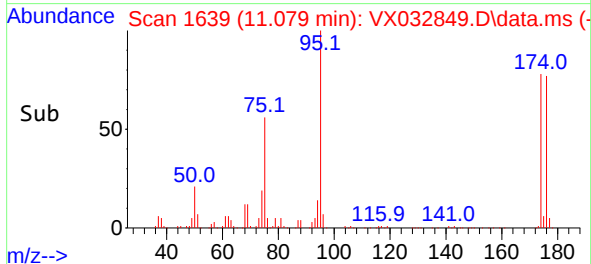
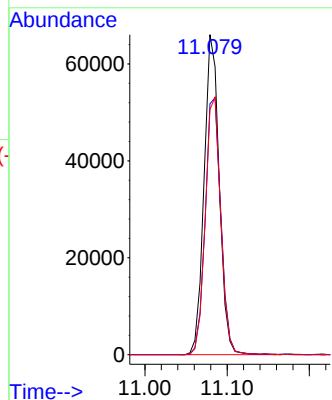
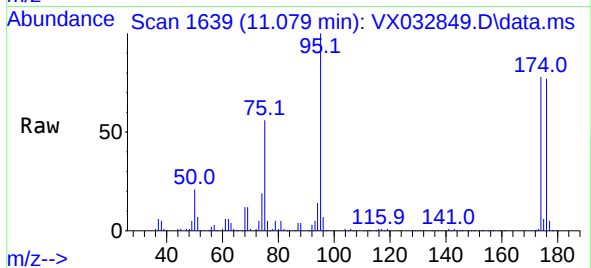




#62
4-Bromofluorobenzene
Concen: 47.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

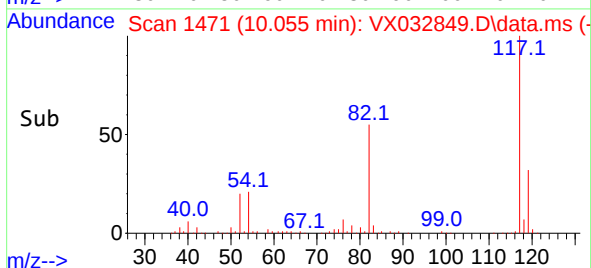
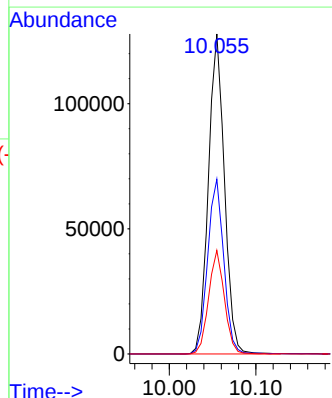
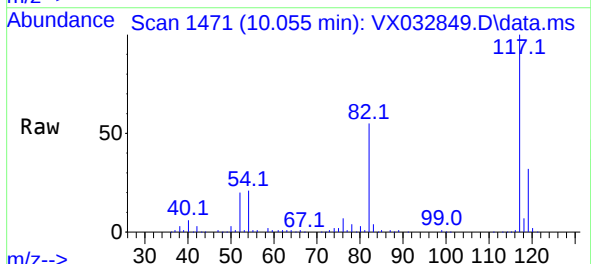
Instrument :
MSVOA_X
ClientSampleId :

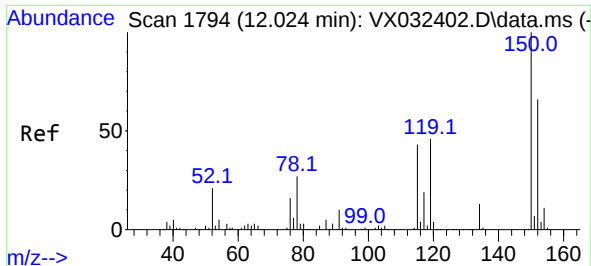
Tgt Ion: 95 Resp: 84539
Ion Ratio Lower Upper
95 100
174 83.0 0.0 164.0
176 82.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032849.D
Acq: 16 Nov 2022 06:34

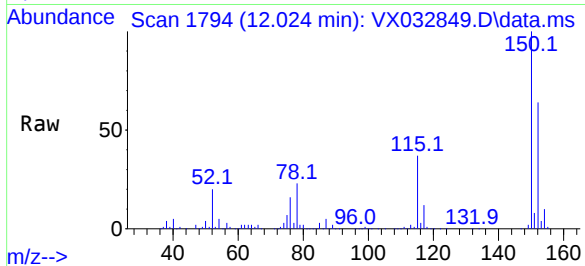
Tgt Ion: 117 Resp: 164359
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 32.3 25.7 38.5



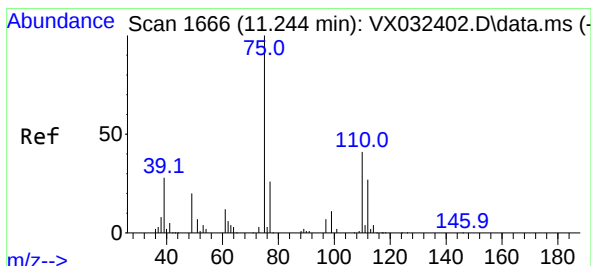
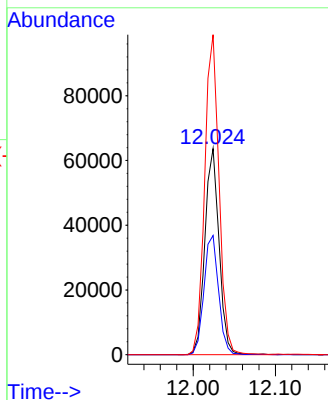
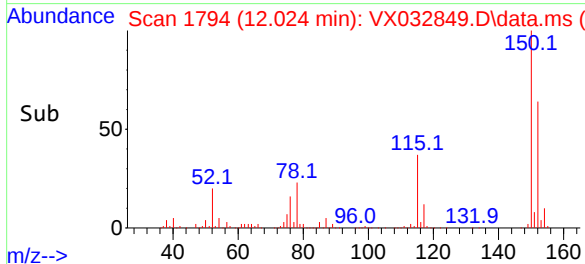


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032849.D
 Acq: 16 Nov 2022 06:34

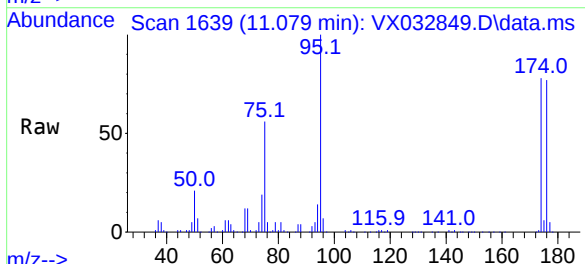
Instrument :
 MSVOA_X
 ClientSampleId :



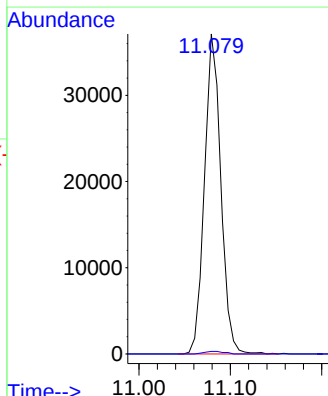
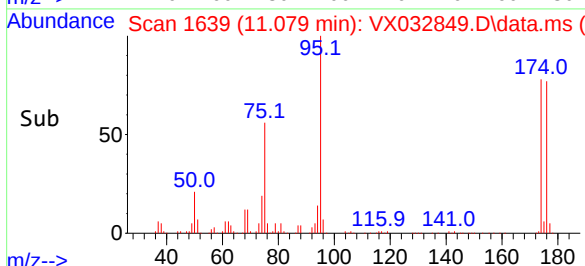
Tgt Ion:152 Resp: 76448
 Ion Ratio Lower Upper
 152 100
 115 59.4 44.0 132.0
 150 156.6 0.0 351.8

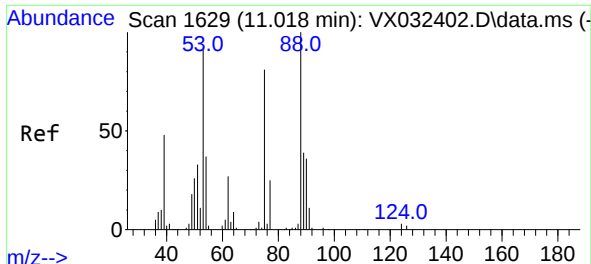


#76
 1,2,3-Trichloropropane
 Concen: 27.066 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032849.D
 Acq: 16 Nov 2022 06:34



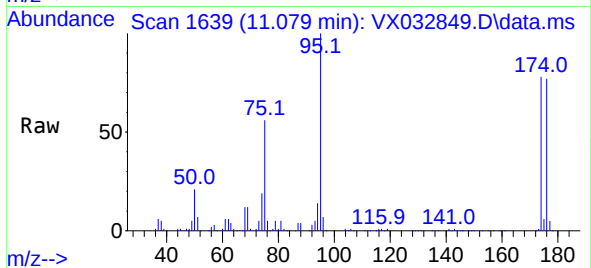
Tgt Ion: 75 Resp: 46034
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.126 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032849.D
 Acq: 16 Nov 2022 06:34

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46034
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

