

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032566.D
 Acq On : 04 Nov 2022 11:07
 Operator : JC/MD
 Sample : VX1104WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 05 00:33:19 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)

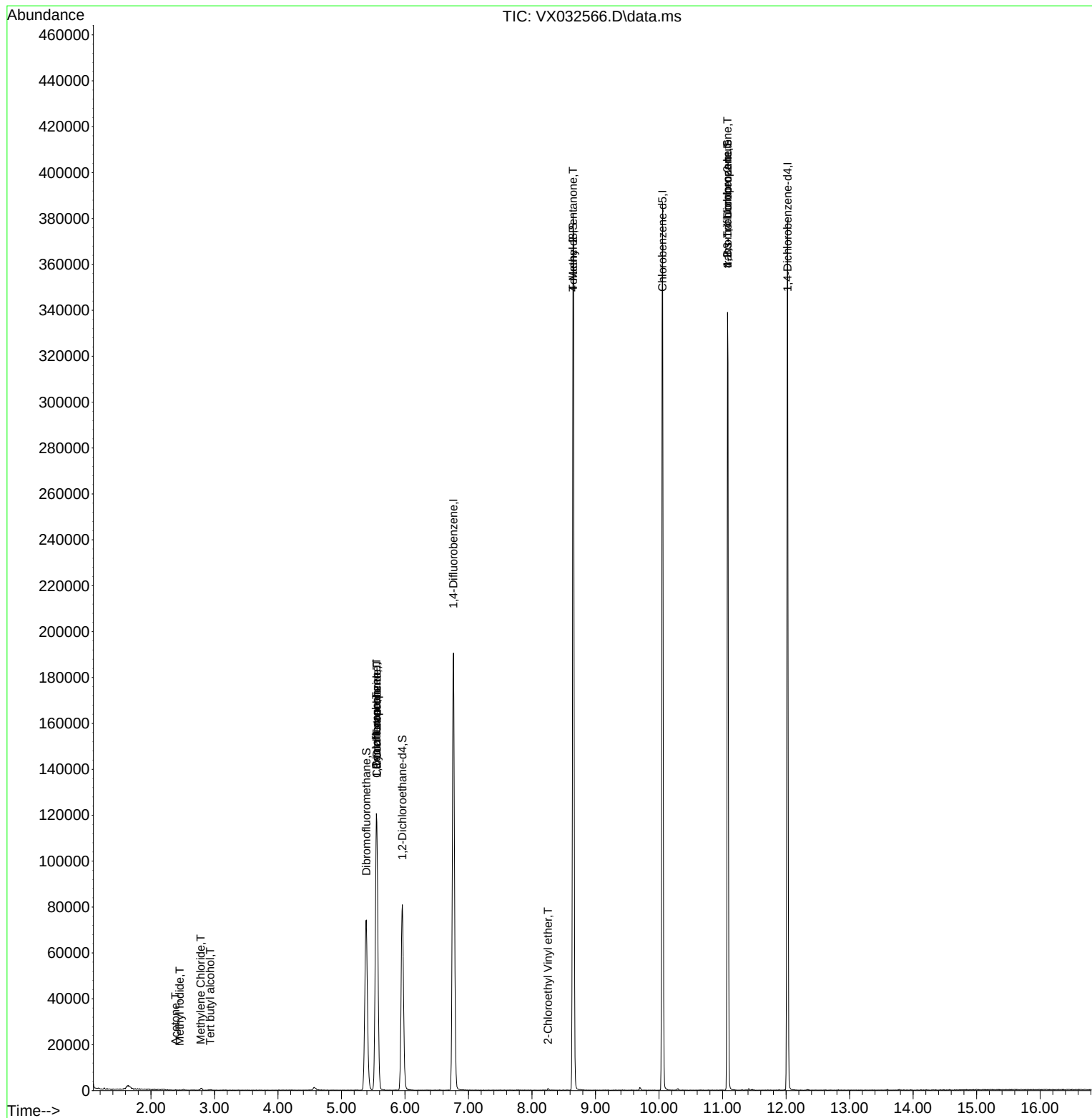
Internal Standards						
1) Pentafluorobenzene	5.550	168	114654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	192273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80254	50.376	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.760%		
35) Dibromofluoromethane	5.391	113	63808	46.524	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 93.040%		
50) Toluene-d8	8.647	98	228727	47.961	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 95.920%		
62) 4-Bromofluorobenzene	11.079	95	85891	46.106	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 92.220%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.453	142	21	1.931	ug/l #	37
11) Tert butyl alcohol	2.934	59	93	0.401	ug/l #	72
16) Acetone	2.386	43	133	0.230	ug/l #	45
20) Methylene Chloride	2.782	84	444	0.334	ug/l #	72
31) Cyclohexane	5.550	56	2634	1.364	ug/l #	24
36) 1,1-Dichloropropene	5.556	75	9290	4.864	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12021	5.675	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1106	0.575	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.250	63	357	0.347	ug/l #	57
76) 1,2,3-Trichloropropane	11.079	75	46529	26.971	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	46529	85.823	ug/l #	6

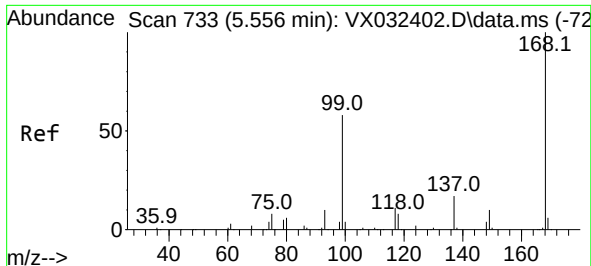
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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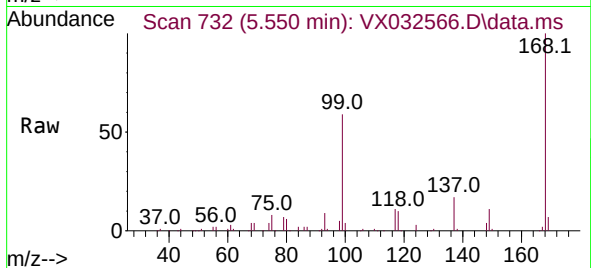
Quant Time: Nov 05 00:33:19 2022
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QLast Update : Thu Oct 27 08:28:06 2022
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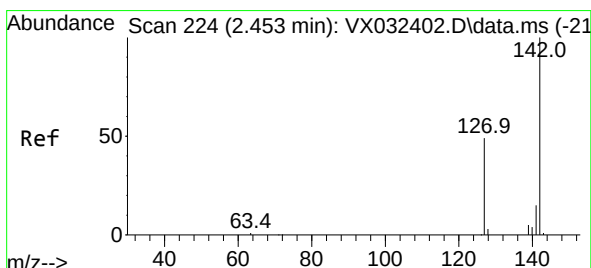
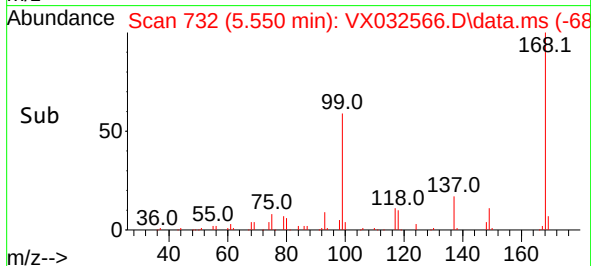
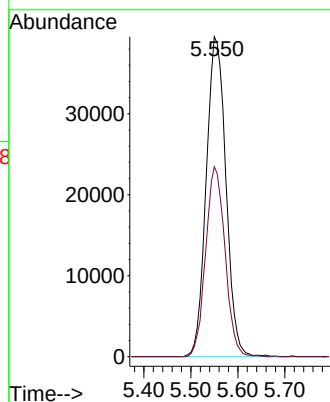


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :

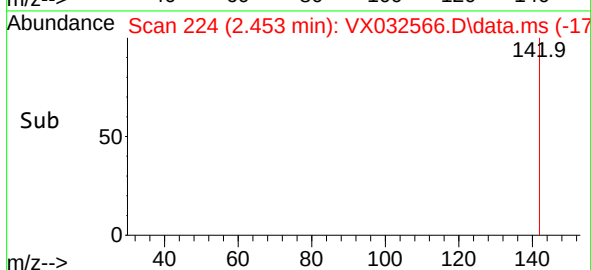
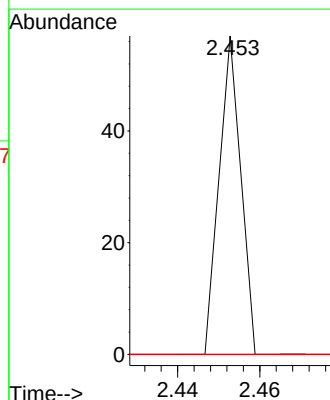
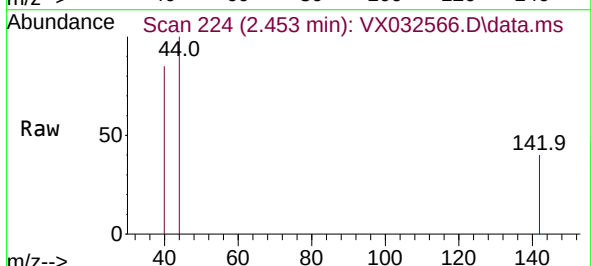


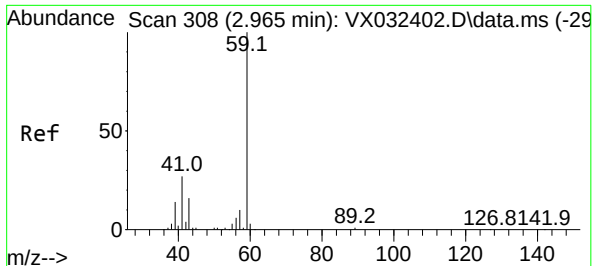
Tgt Ion:168 Resp: 114654
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#10
Methyl Iodide
Concen: 1.931 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 0.401 ug/l

RT: 2.934 min Scan# 308

Delta R.T. -0.030 min

Lab File: VX032566.D

Acq: 04 Nov 2022 11:07

Instrument :

MSVOA_X

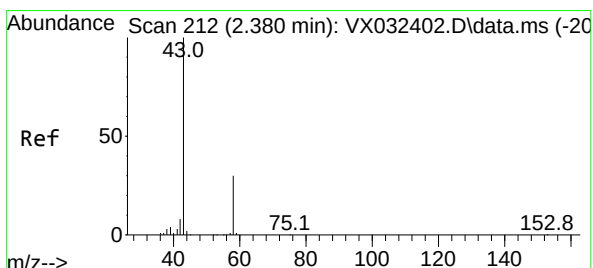
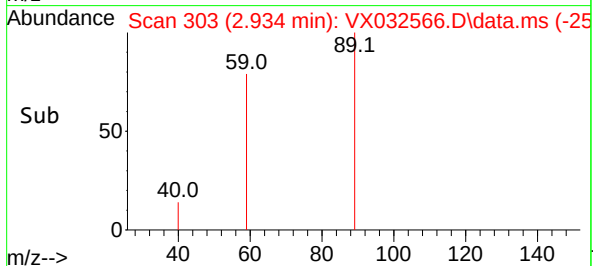
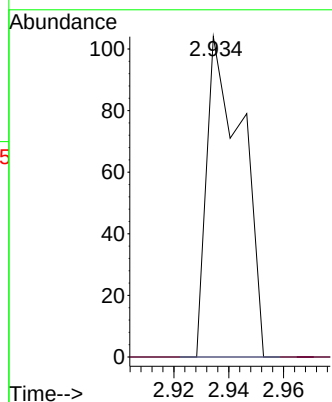
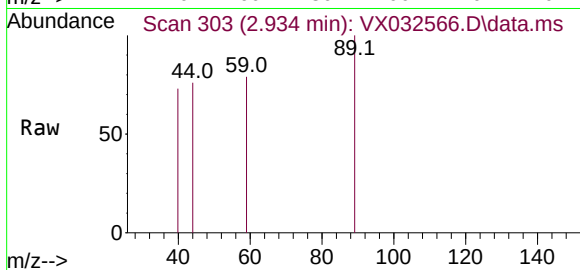
ClientSampleId :

Tgt Ion: 59 Resp: 93

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.230 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032566.D

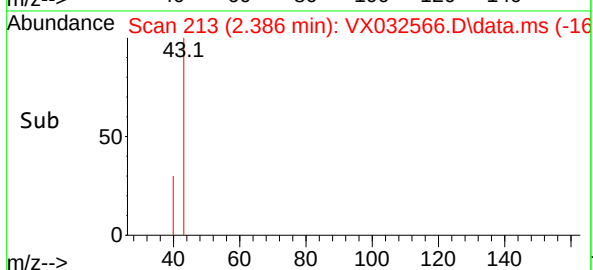
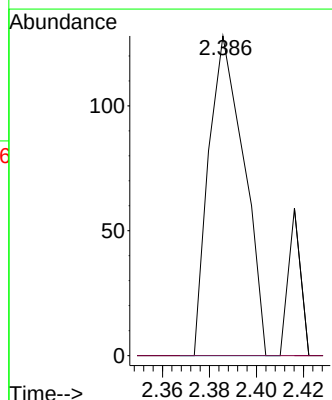
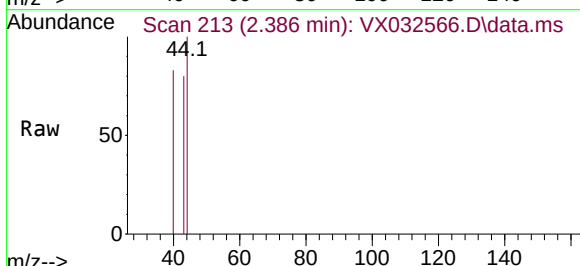
Acq: 04 Nov 2022 11:07

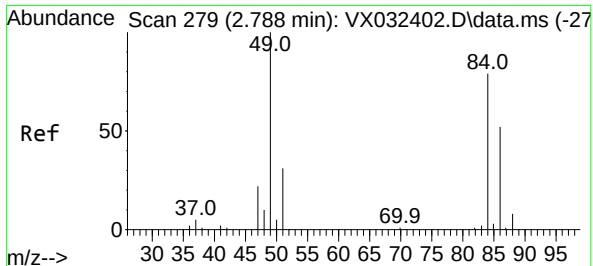
Tgt Ion: 43 Resp: 133

Ion Ratio Lower Upper

43 100

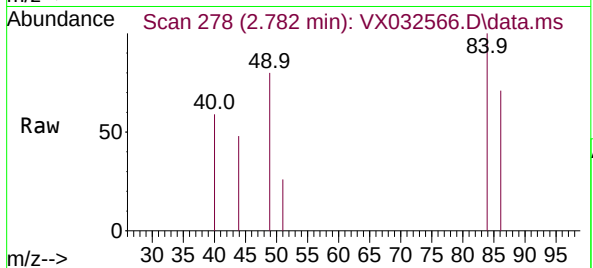
58 0.0 23.8 35.8#



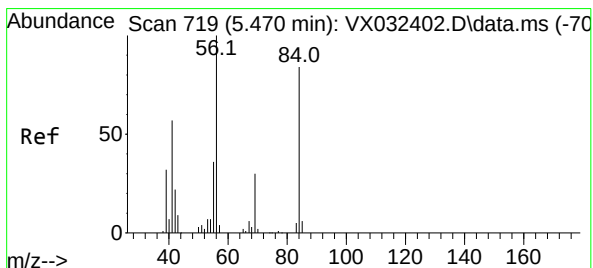
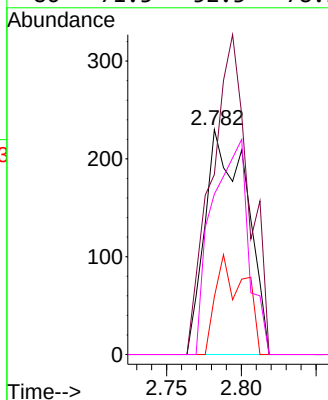
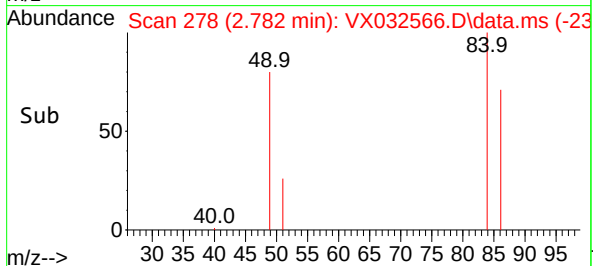


#20
Methylene Chloride
Concen: 0.334 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

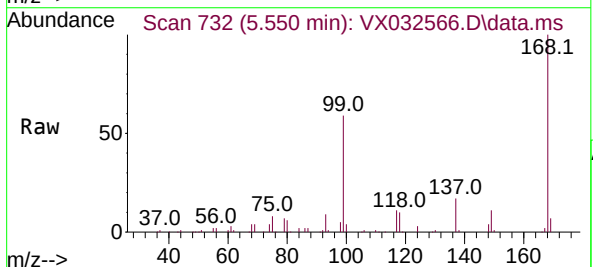
Instrument :
MSVOA_X
ClientSampleId :



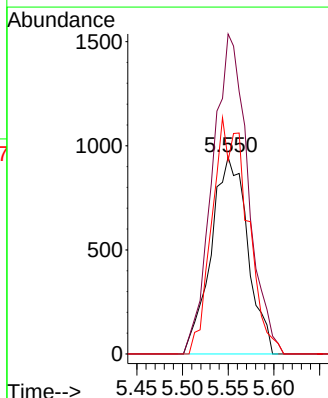
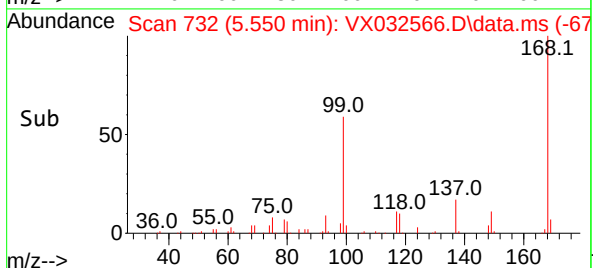
Tgt Ion:	84	Resp:	444
Ion	Ratio	Lower	Upper
84	100		
49	80.0	101.0	151.6#
51	25.7	31.1	46.7#
86	71.3	52.3	78.5

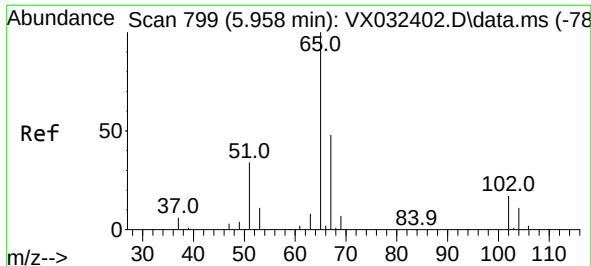


#31
Cyclohexane
Concen: 1.364 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07



Tgt Ion:	56	Resp:	2634
Ion	Ratio	Lower	Upper
56	100		
69	162.5	24.1	36.1#
84	98.2	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 50.376 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032566.D

Acq: 04 Nov 2022 11:07

Instrument :

MSVOA_X

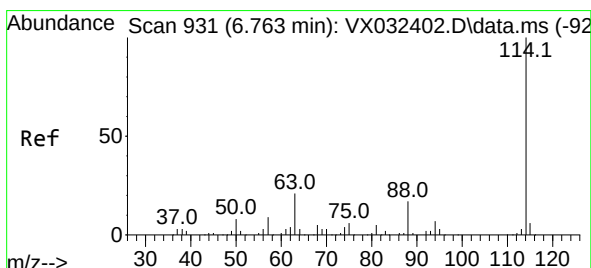
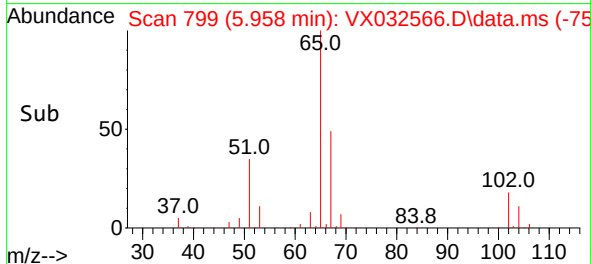
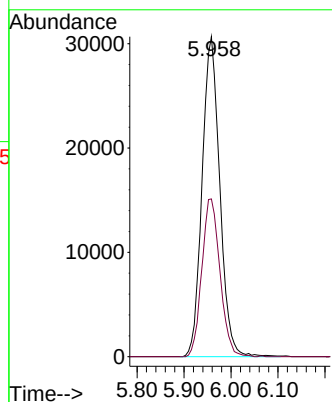
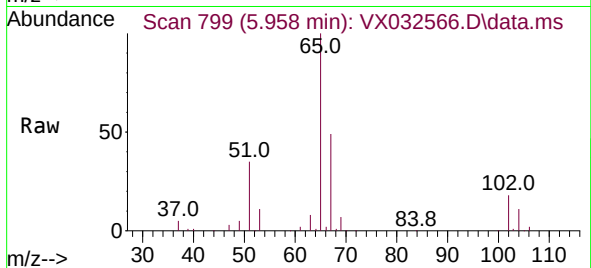
ClientSampleId :

Tgt Ion: 65 Resp: 80254

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: VX032566.D

Acq: 04 Nov 2022 11:07

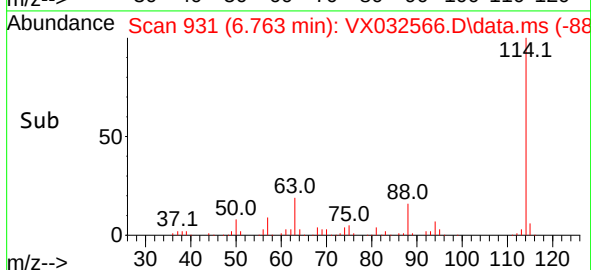
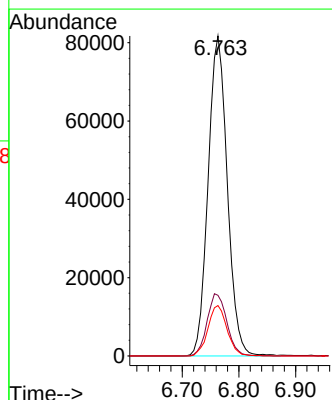
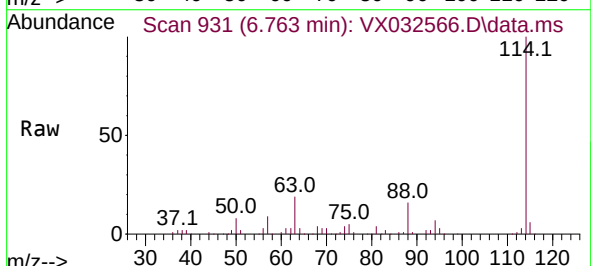
Tgt Ion: 114 Resp: 192273

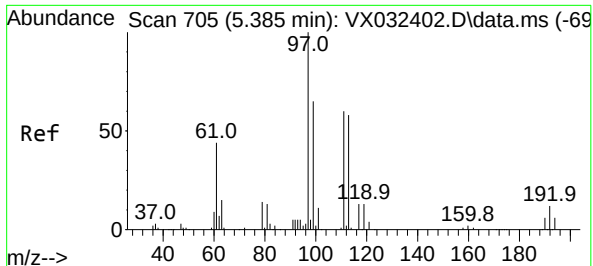
Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 46.524 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032566.D

Acq: 04 Nov 2022 11:07

Instrument :

MSVOA_X

ClientSampleId :

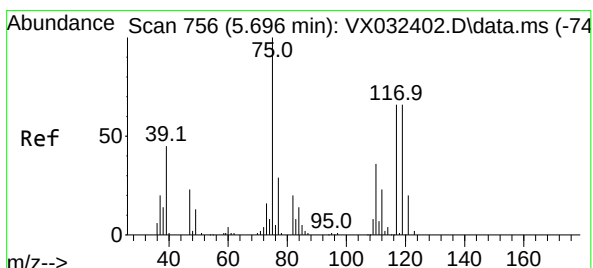
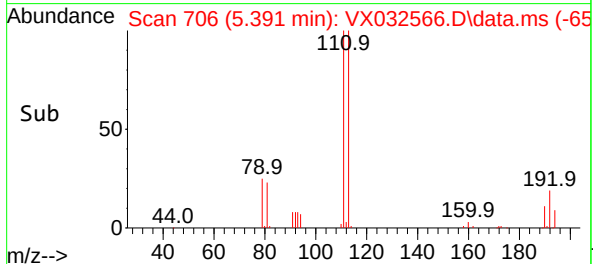
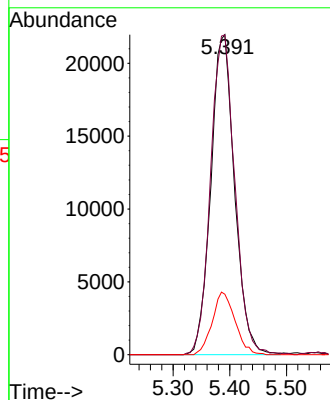
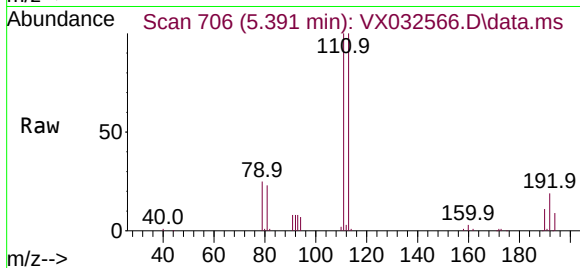
Tgt Ion:113 Resp: 63808

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 18.7 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.864 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX032566.D

Acq: 04 Nov 2022 11:07

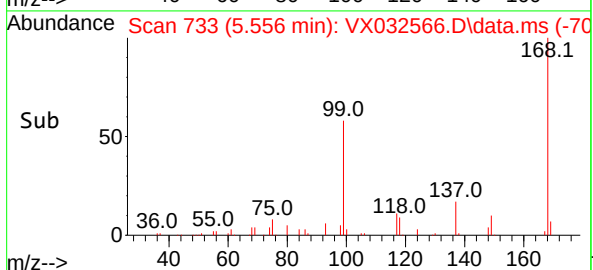
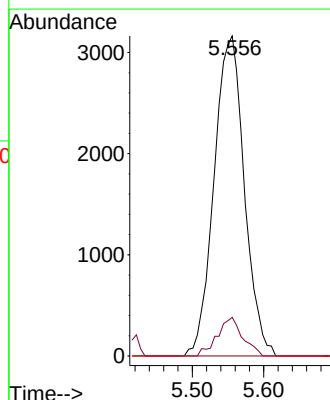
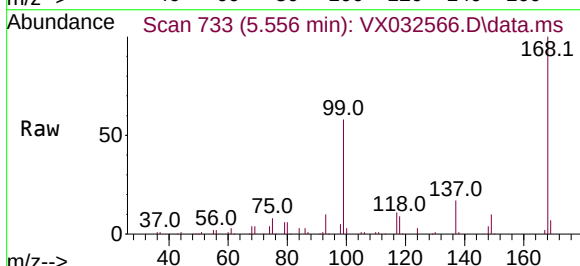
Tgt Ion: 75 Resp: 9290

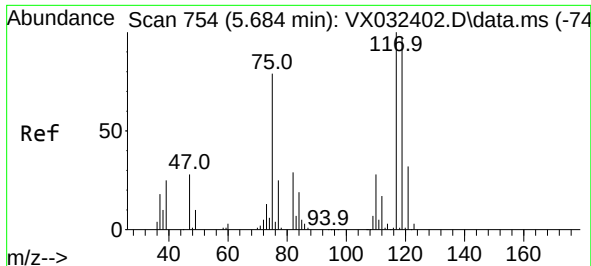
Ion Ratio Lower Upper

75 100

110 10.1 18.4 55.2#

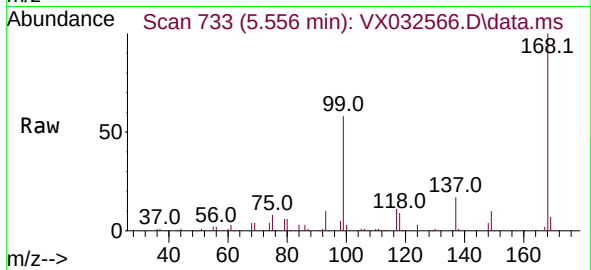
77 0.0 24.5 36.7#



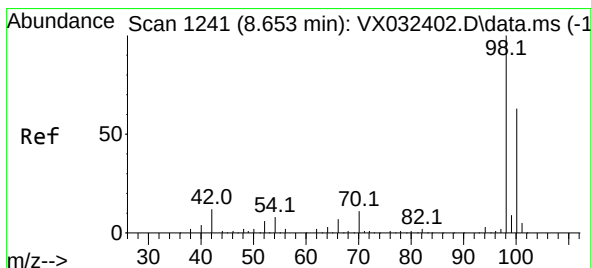
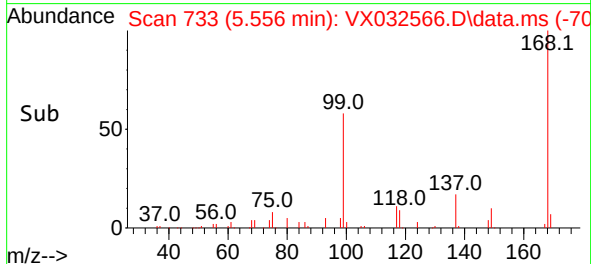
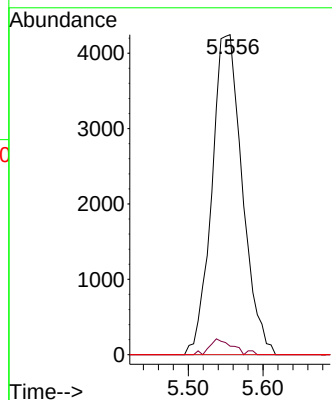


#38
Carbon Tetrachloride
Concen: 5.675 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

Instrument :
MSVOA_X
ClientSampleId :

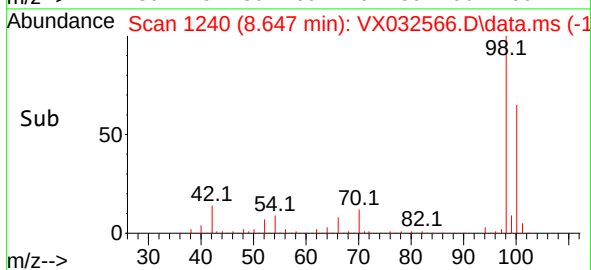
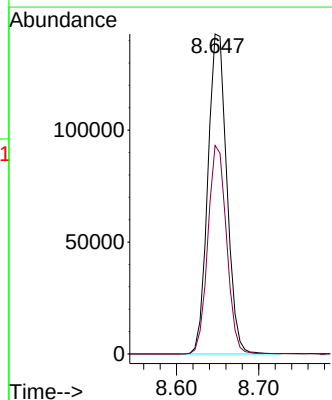
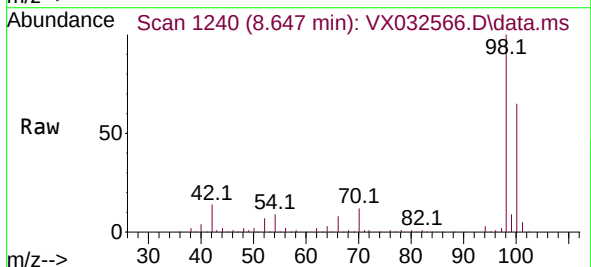


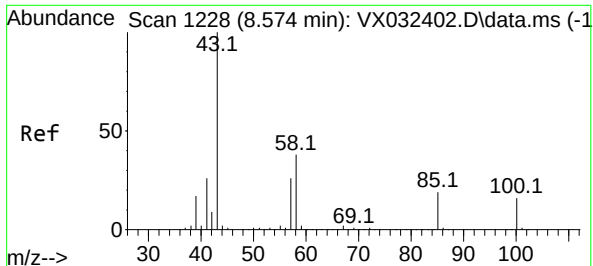
Tgt Ion:117 Resp: 12021
Ion Ratio Lower Upper
117 100
119 2.7 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.961 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

Tgt Ion: 98 Resp: 228727
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.575 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032566.D

Acq: 04 Nov 2022 11:07

Instrument :

MSVOA_X

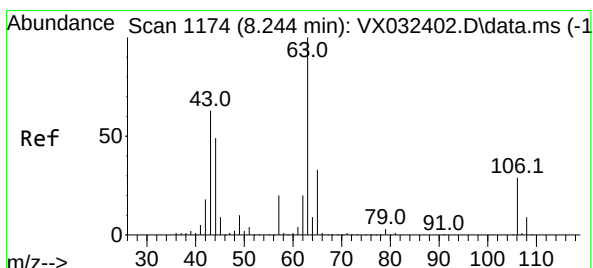
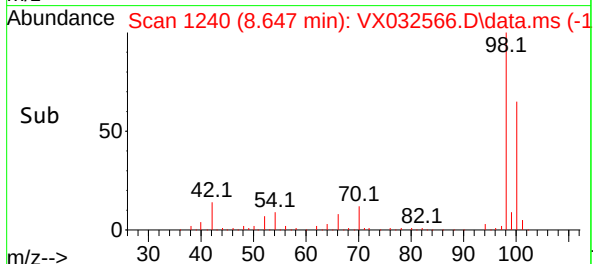
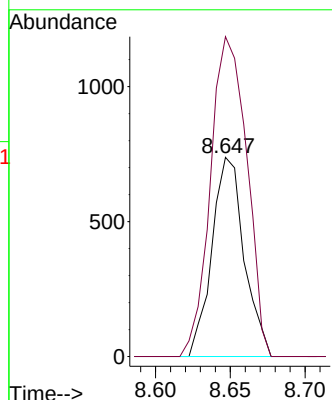
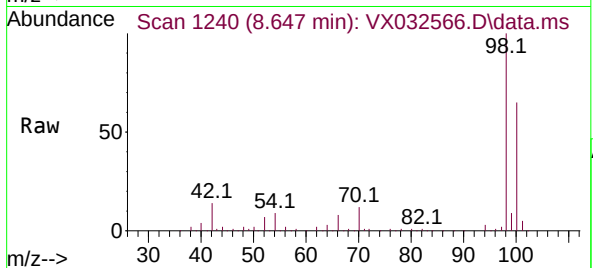
ClientSampleId :

Tgt Ion: 43 Resp: 1106

Ion Ratio Lower Upper

43 100

58 181.2 30.9 46.3#



#58

2-Chloroethyl Vinyl ether

Concen: 0.347 ug/l

RT: 8.250 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX032566.D

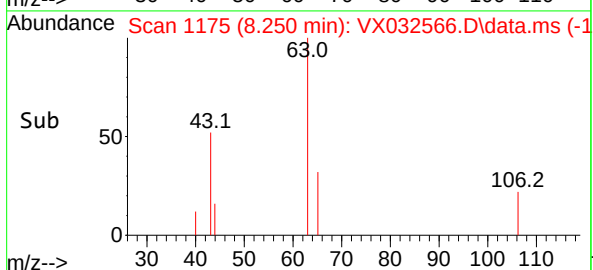
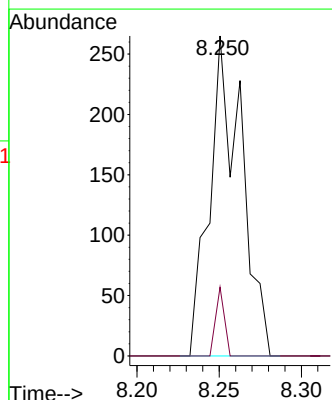
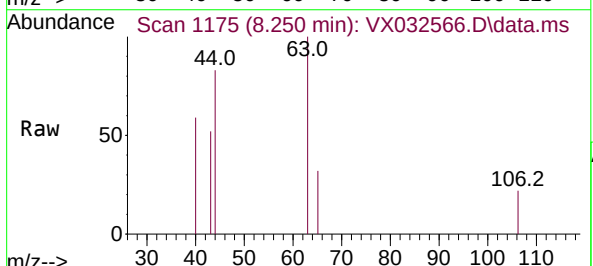
Acq: 04 Nov 2022 11:07

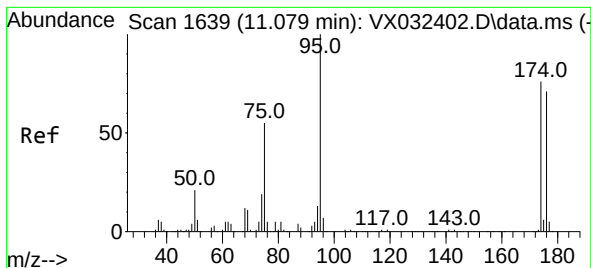
Tgt Ion: 63 Resp: 357

Ion Ratio Lower Upper

63 100

106 5.9 23.3 34.9#

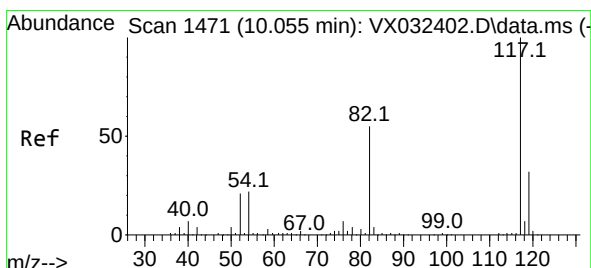
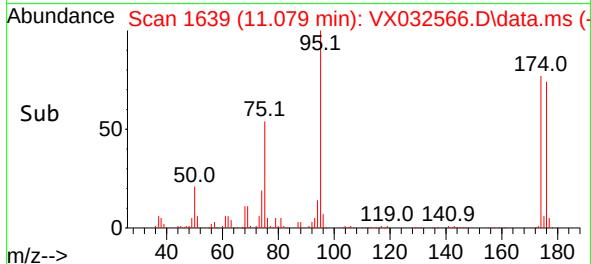
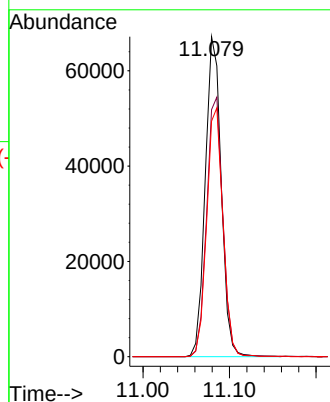
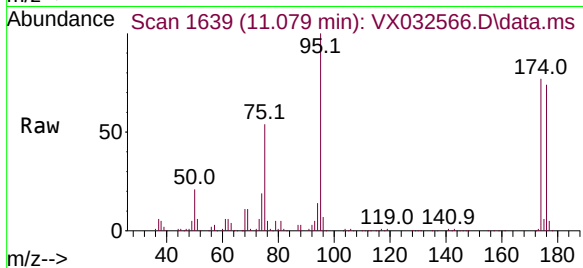




#62
4-Bromofluorobenzene
Concen: 46.106 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

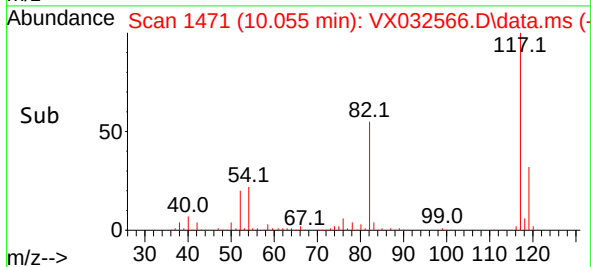
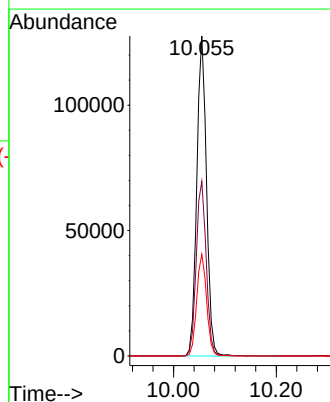
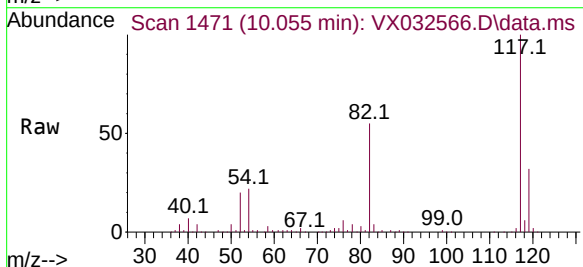
Instrument :
MSVOA_X
ClientSampleId :

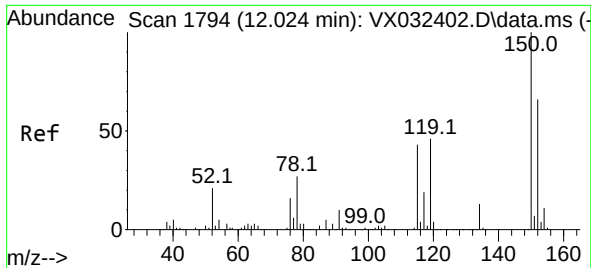
Tgt Ion: 95 Resp: 85891
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.0
176 79.1 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032566.D
Acq: 04 Nov 2022 11:07

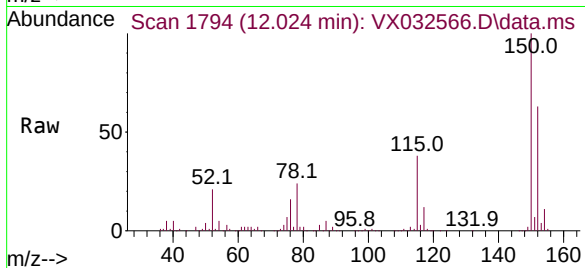
Tgt Ion: 117 Resp: 167764
Ion Ratio Lower Upper
117 100
82 54.6 44.3 66.5
119 31.8 25.7 38.5



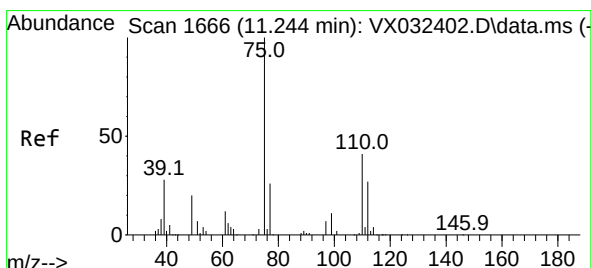
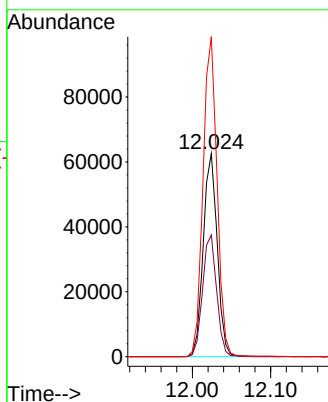
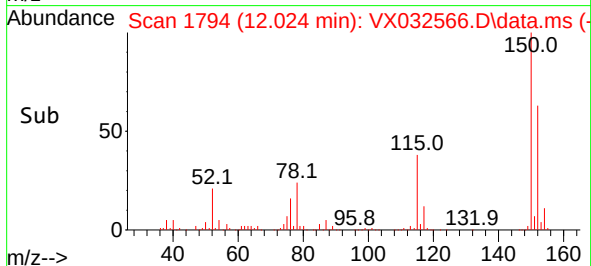


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX032566.D
 Acq: 04 Nov 2022 11:07

Instrument :
 MSVOA_X
 ClientSampleId :

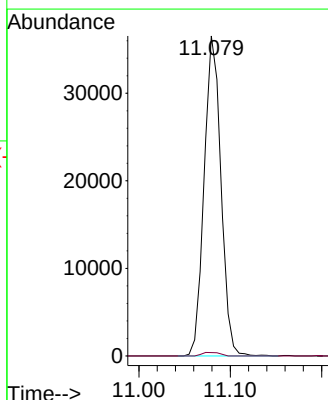
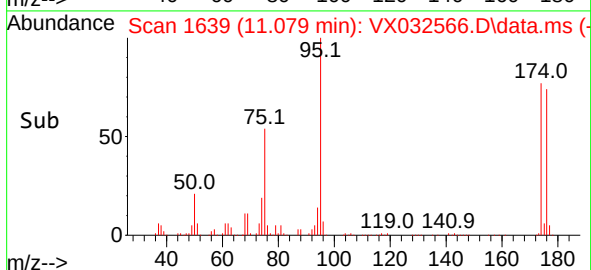
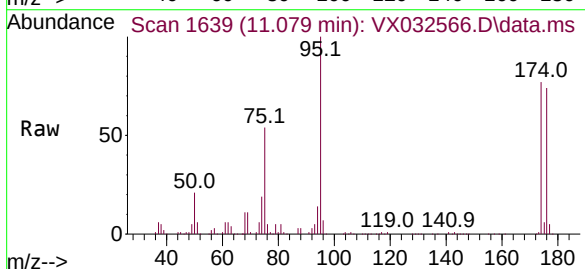


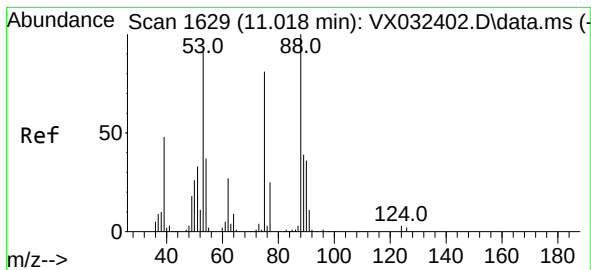
Tgt Ion:152 Resp: 77543
 Ion Ratio Lower Upper
 152 100
 115 60.2 44.0 132.0
 150 158.1 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 26.971 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032566.D
 Acq: 04 Nov 2022 11:07

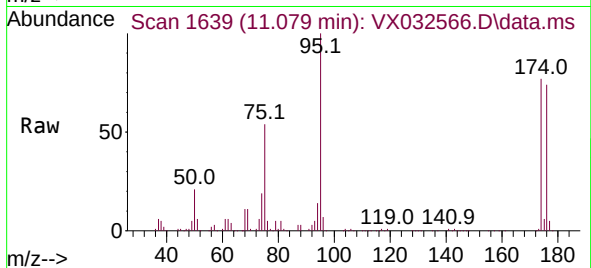
Tgt Ion: 75 Resp: 46529
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.823 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032566.D
 Acq: 04 Nov 2022 11:07

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 46529
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

