

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032604.D
 Acq On : 05 Nov 2022 04:46
 Operator : JC/MD
 Sample : N5483-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:08:53 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)

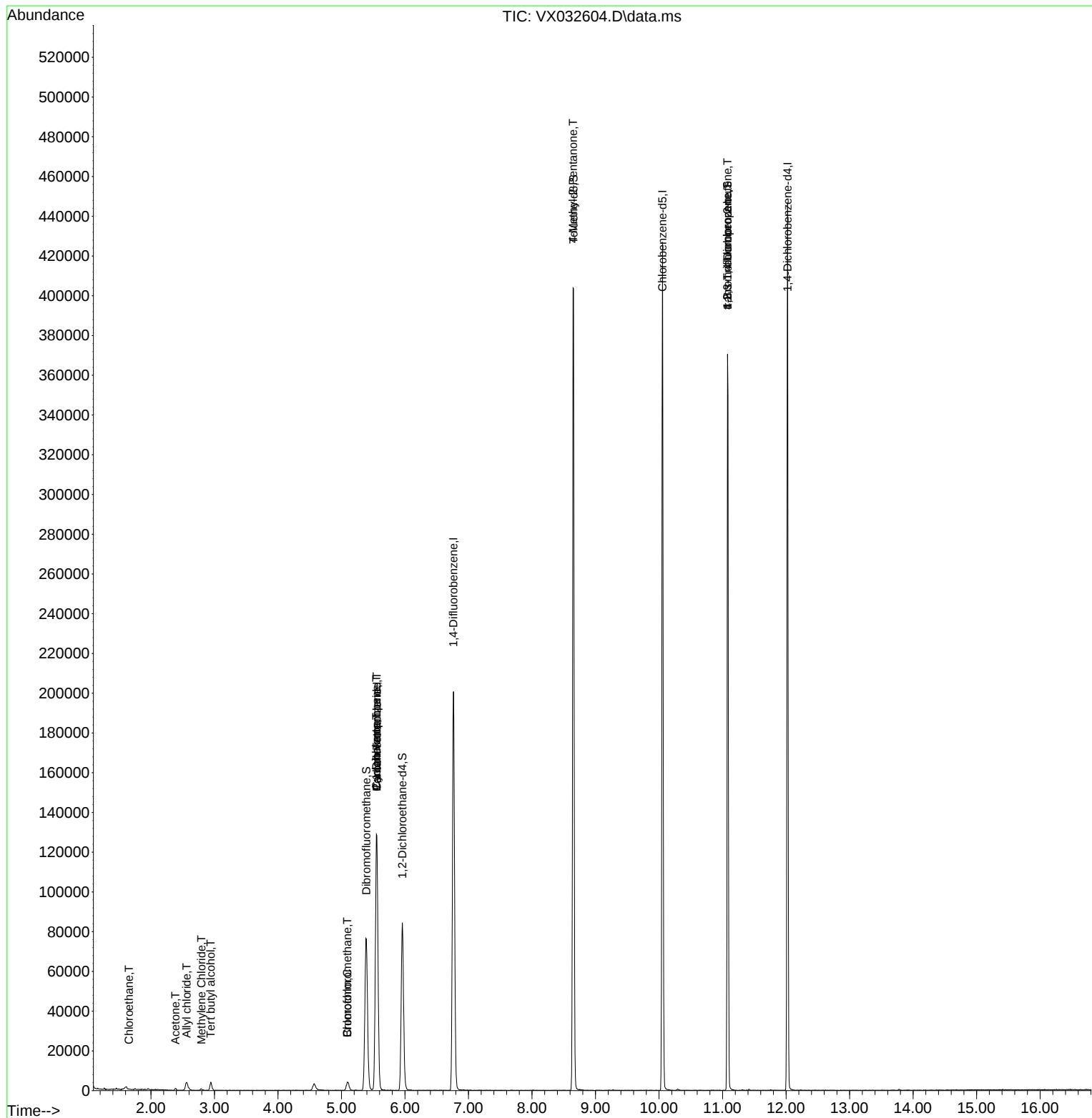
Internal Standards						
1) Pentafluorobenzene	5.556	168	122013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	203477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83794	49.426	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.860%
35) Dibromofluoromethane	5.391	113	65491	45.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.240%
50) Toluene-d8	8.653	98	244484	48.442	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.880%
62) 4-Bromofluorobenzene	11.079	95	93779	47.569	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.140%
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	198	0.225	ug/l #	42
11) Tert butyl alcohol	2.940	59	2354	9.540	ug/l #	72
14) Allyl chloride	2.562	41	692	0.355	ug/l #	59
16) Acetone	2.386	43	1168	1.896	ug/l	96
20) Methylene Chloride	2.794	84	328	0.232	ug/l #	75
28) Bromochloromethane	5.092	49	205	0.237	ug/l #	9
30) Chloroform	5.092	83	5253	1.973	ug/l	98
31) Cyclohexane	5.550	56	2704	1.315	ug/l #	24
36) 1,1-Dichloropropene	5.550	75	9602	4.751	ug/l #	49
38) Carbon Tetrachloride	5.556	117	13163	5.872	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1099	0.540	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	52164	26.585	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	52164	84.595	ug/l #	6

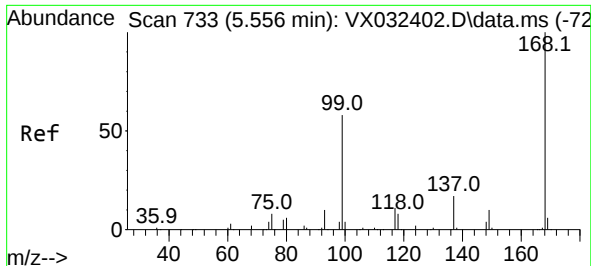
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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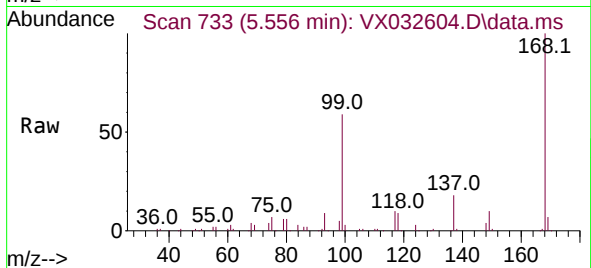
Quant Time: Nov 07 05:08:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
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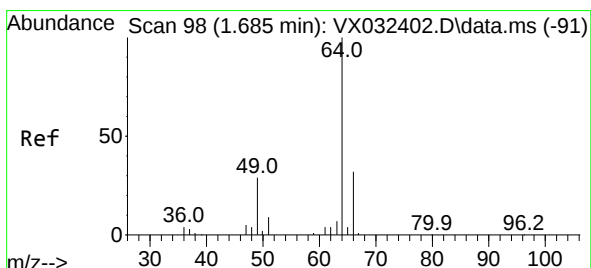
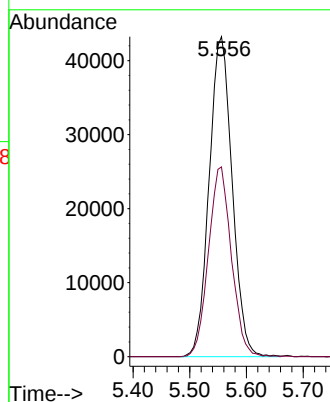
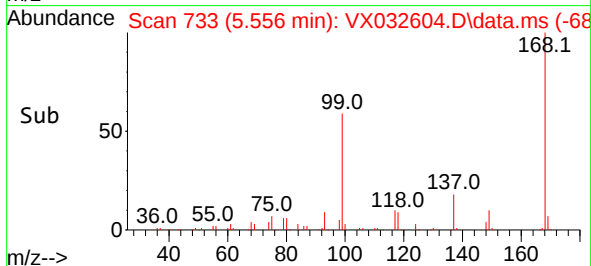


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Instrument :
MSVOA_X
ClientSampleId :

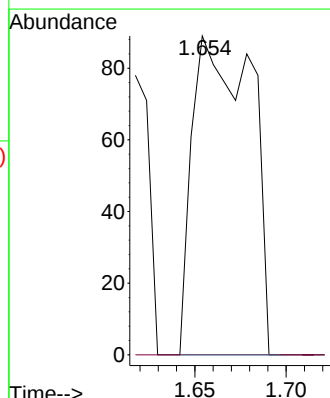
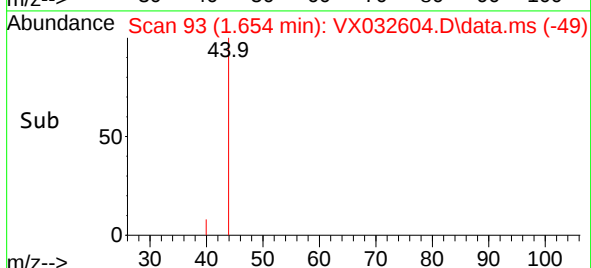
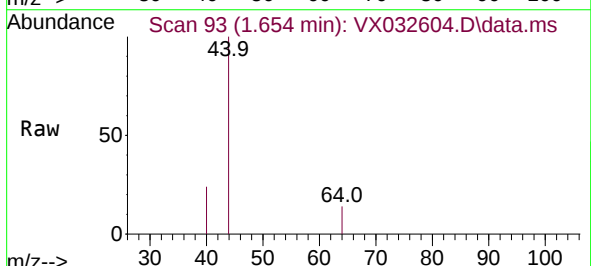


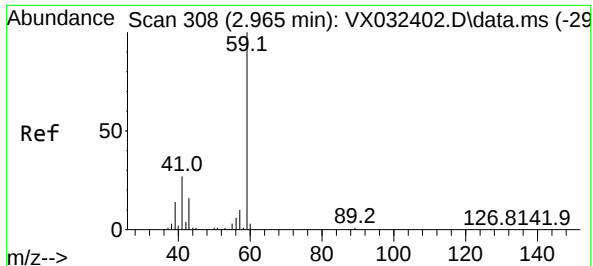
Tgt Ion:168 Resp: 122013
Ion Ratio Lower Upper
168 100
99 59.3 46.1 69.1



#6
Chloroethane
Concen: 0.225 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.031 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#





#11

Tert butyl alcohol

Concen: 9.540 ug/l

RT: 2.940 min Scan# 308

Delta R.T. -0.024 min

Lab File: VX032604.D

Acq: 05 Nov 2022 04:46

Instrument :

MSVOA_X

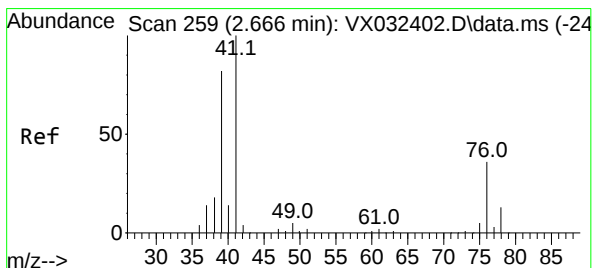
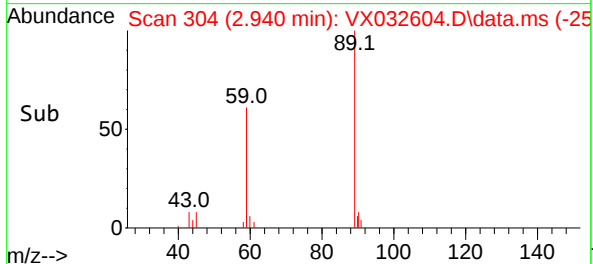
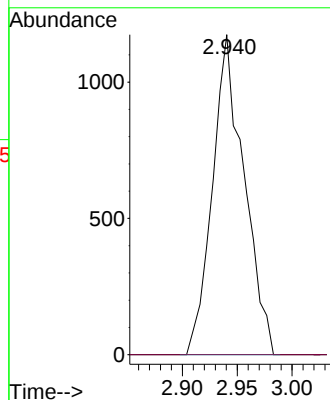
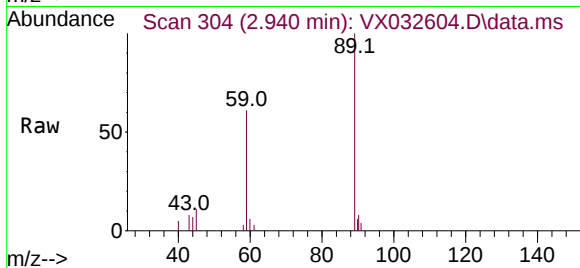
ClientSampleId :

Tgt Ion: 59 Resp: 2354

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#14

Allyl chloride

Concen: 0.355 ug/l

RT: 2.562 min Scan# 242

Delta R.T. -0.104 min

Lab File: VX032604.D

Acq: 05 Nov 2022 04:46

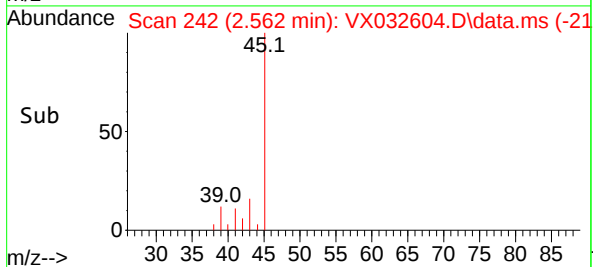
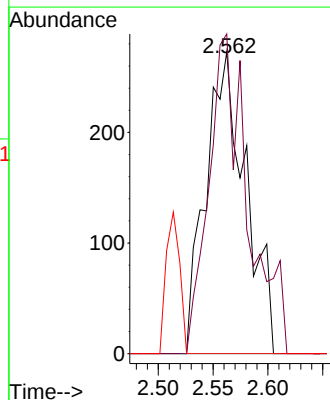
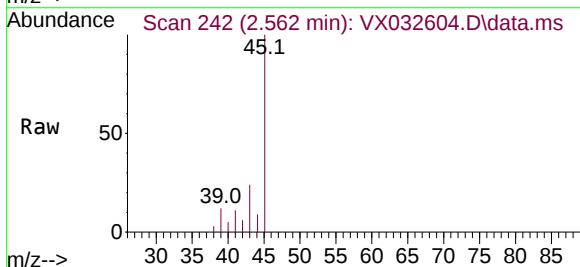
Tgt Ion: 41 Resp: 692

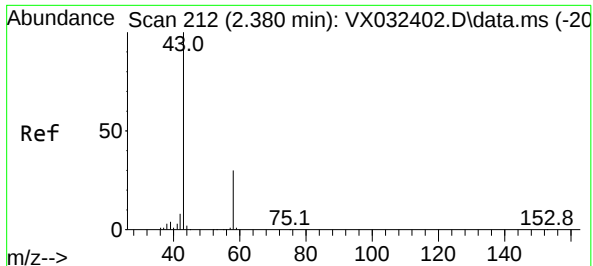
Ion Ratio Lower Upper

41 100

39 103.5 61.4 92.2#

76 0.0 29.2 43.8#





#16

Acetone

Concen: 1.896 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032604.D

Acq: 05 Nov 2022 04:46

Instrument :

MSVOA_X

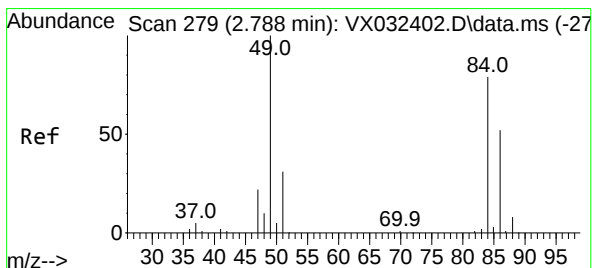
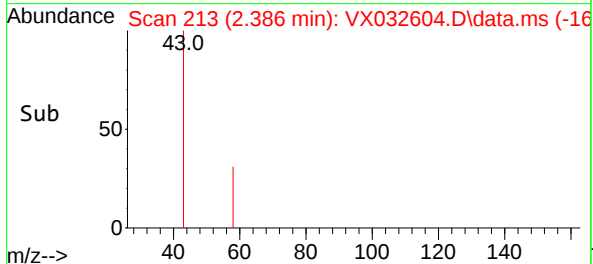
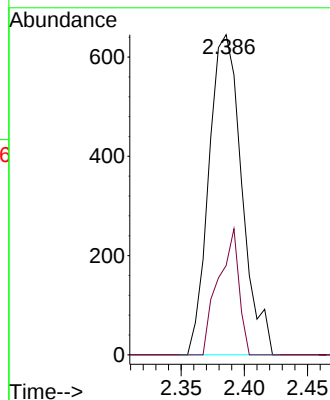
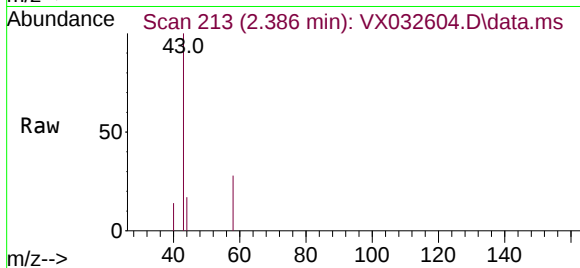
ClientSampleId :

Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

43 100

58 27.9 23.8 35.8



#20

Methylene Chloride

Concen: 0.232 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032604.D

Acq: 05 Nov 2022 04:46

Tgt Ion: 84 Resp: 328

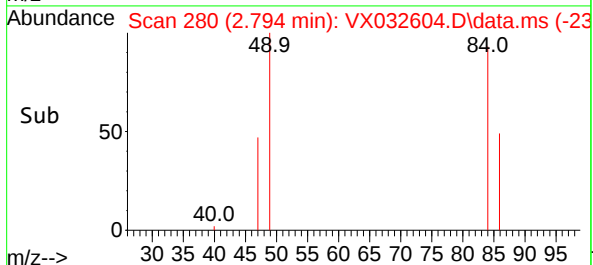
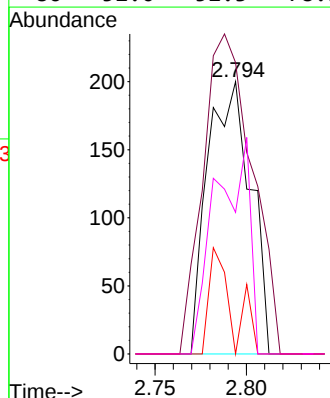
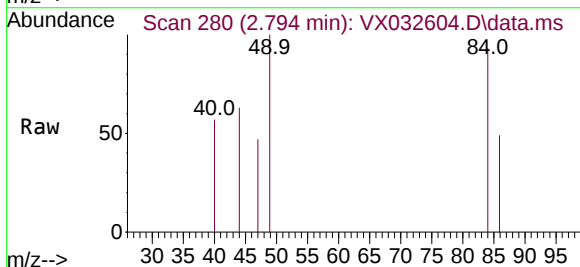
Ion Ratio Lower Upper

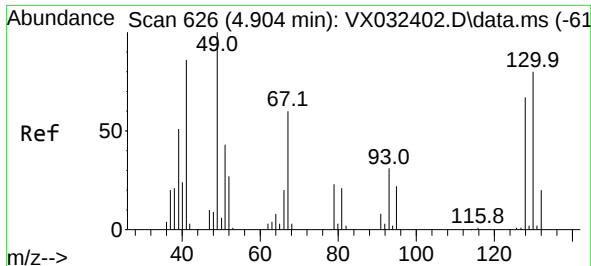
84 100

49 107.0 101.0 151.6

51 0.0 31.1 46.7#

86 52.0 52.3 78.5#

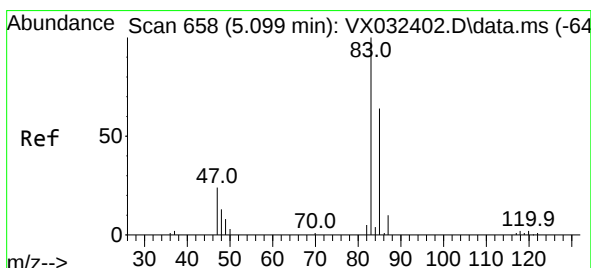
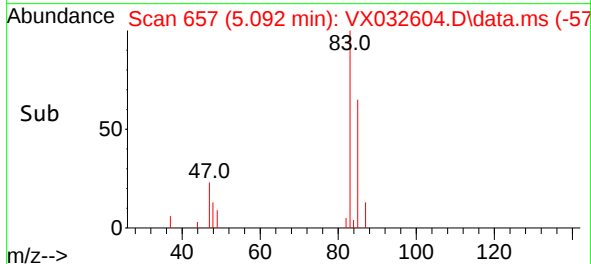
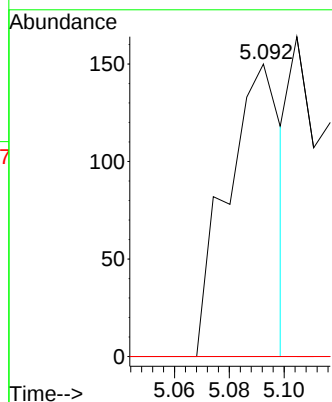
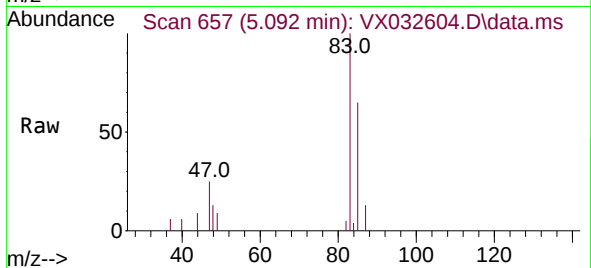




#28
Bromochloromethane
Concen: 0.237 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.189 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

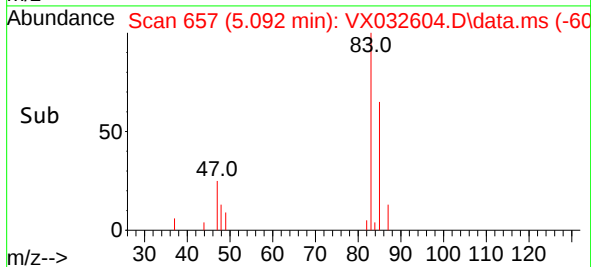
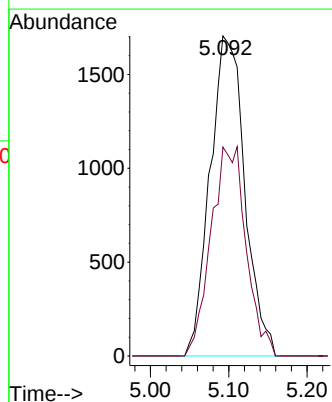
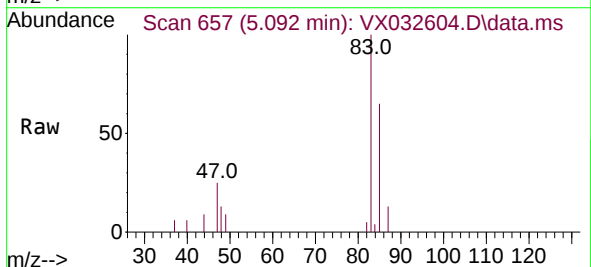
Instrument :
MSVOA_X
ClientSampleId :

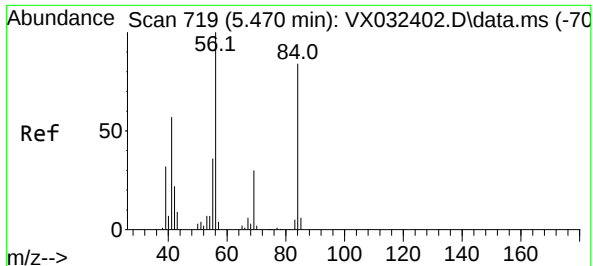
Tgt Ion: 49 Resp: 205
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 67.5 101.3#



#30
Chloroform
Concen: 1.973 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

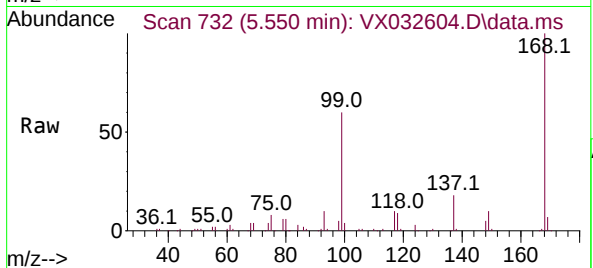
Tgt Ion: 83 Resp: 5253
Ion Ratio Lower Upper
83 100
85 65.3 51.1 76.7



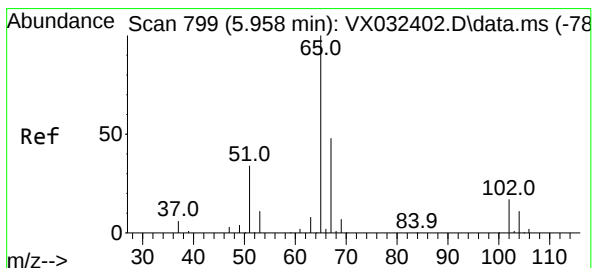
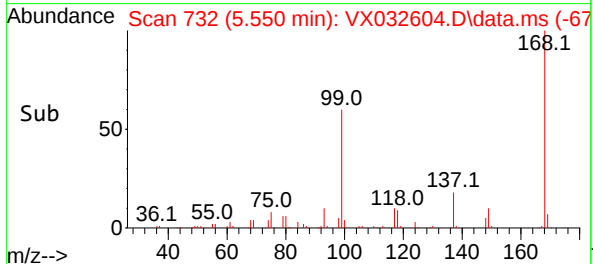
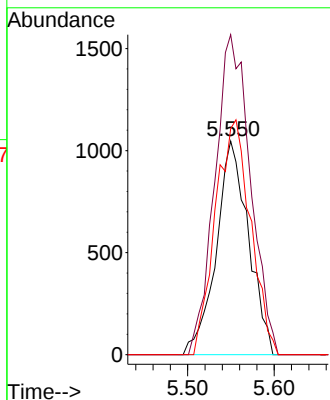


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Instrument :
MSVOA_X
ClientSampleId :

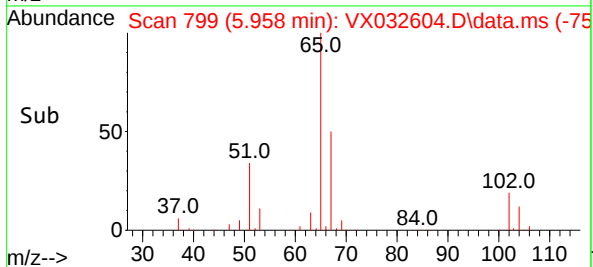
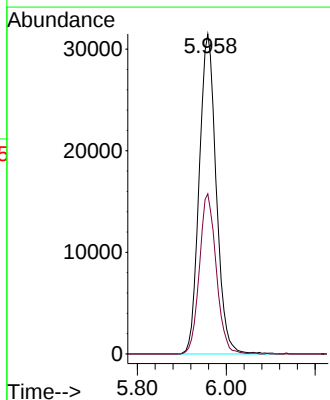
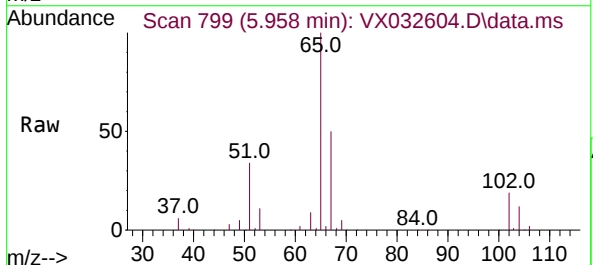


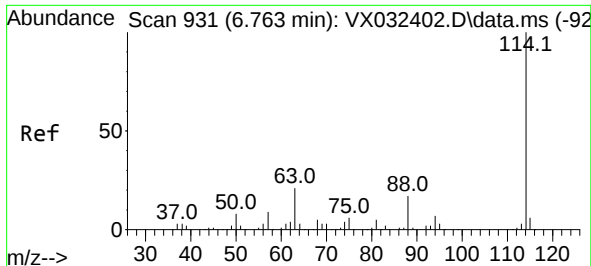
Tgt Ion: 56 Resp: 2704
Ion Ratio Lower Upper
56 100
69 149.8 24.1 36.1#
84 105.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 49.426 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Tgt Ion: 65 Resp: 83794
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

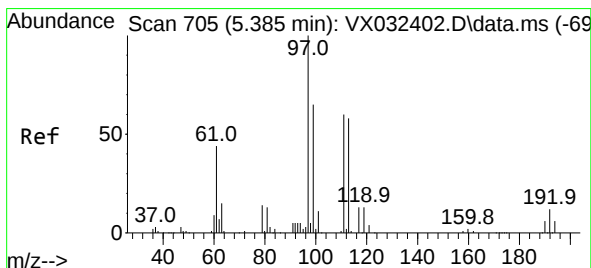
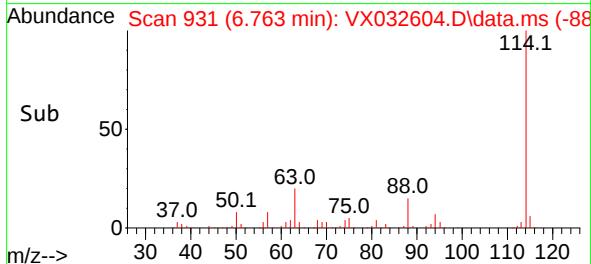
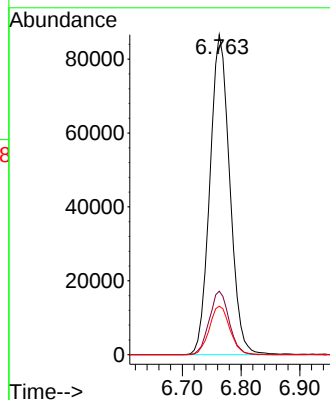
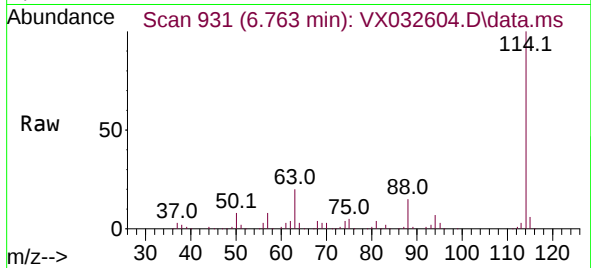




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

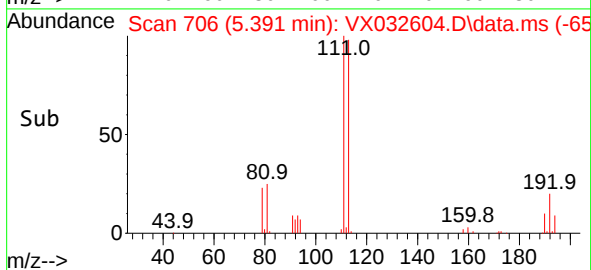
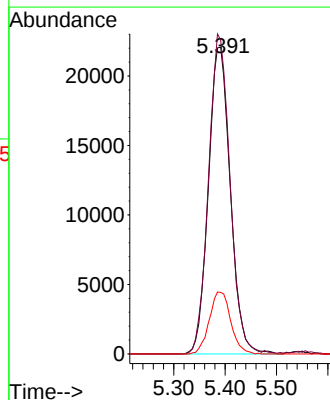
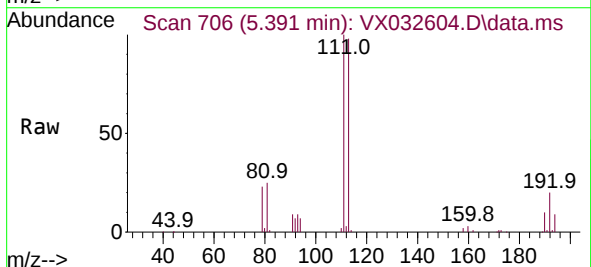
Instrument :
MSVOA_X
ClientSampleId :

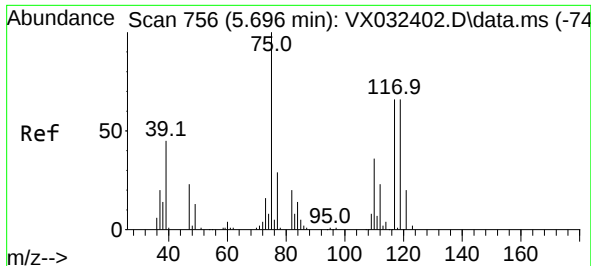
Tgt Ion:114 Resp: 203477
Ion Ratio Lower Upper
114 100
63 19.8 0.0 41.6
88 15.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.122 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Tgt Ion:113 Resp: 65491
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.7 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.751 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032604.D

Acq: 05 Nov 2022 04:46

Instrument :

MSVOA_X

ClientSampleId :

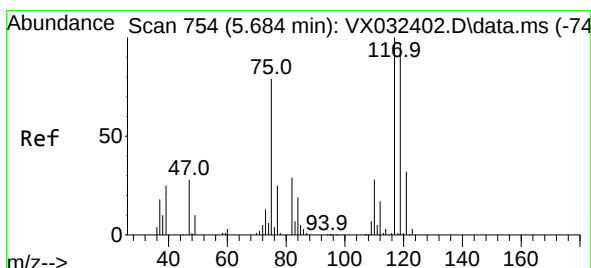
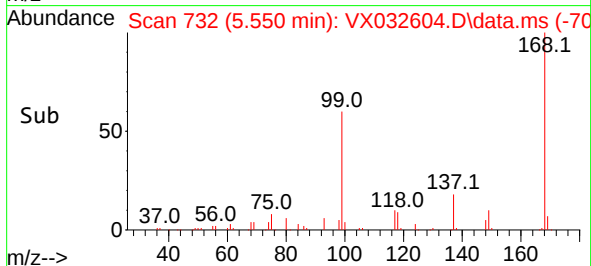
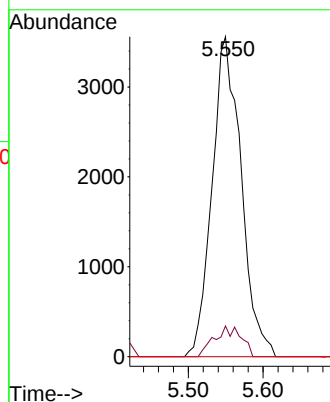
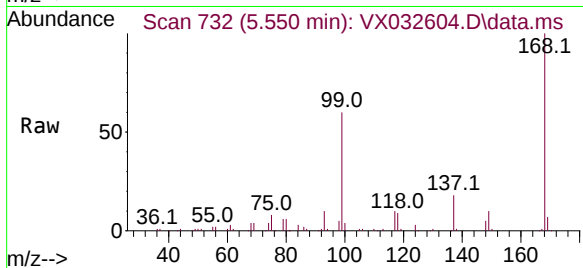
Tgt Ion: 75 Resp: 9602

Ion Ratio Lower Upper

75 100

110 8.8 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 5.872 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032604.D

Acq: 05 Nov 2022 04:46

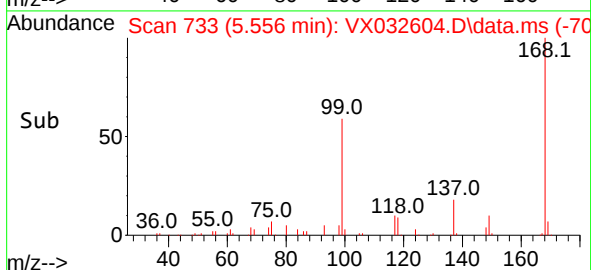
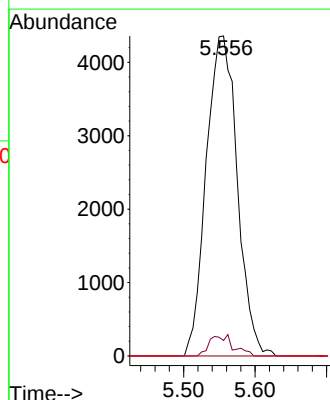
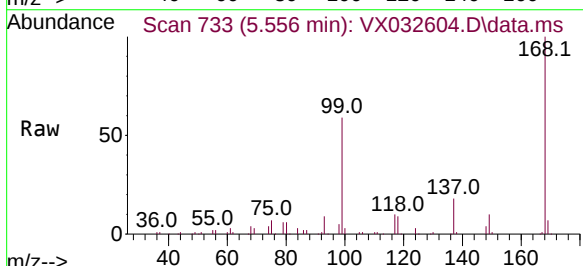
Tgt Ion: 117 Resp: 13163

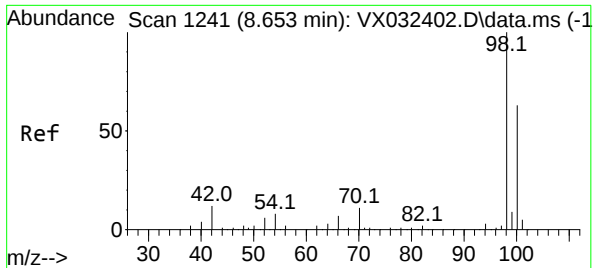
Ion Ratio Lower Upper

117 100

119 4.9 77.2 115.8#

121 0.0 25.8 38.6#

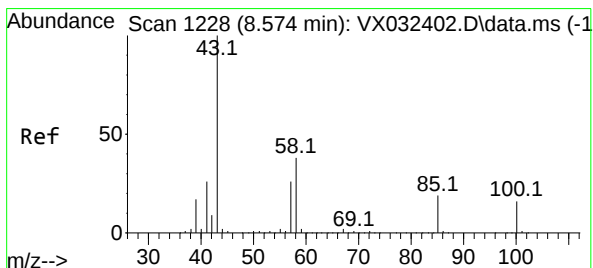
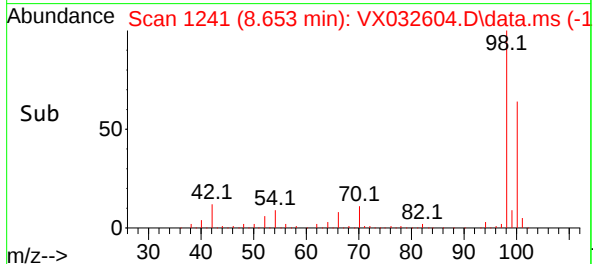
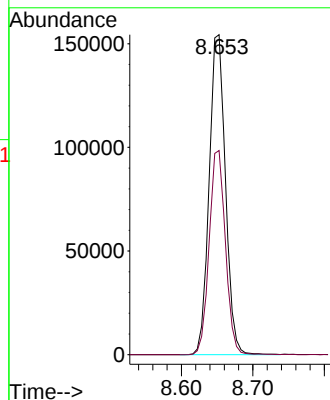
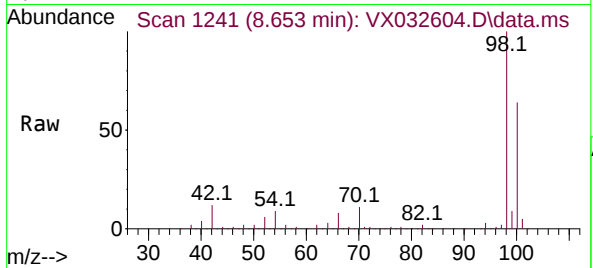




#50
Toluene-d8
Concen: 48.442 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

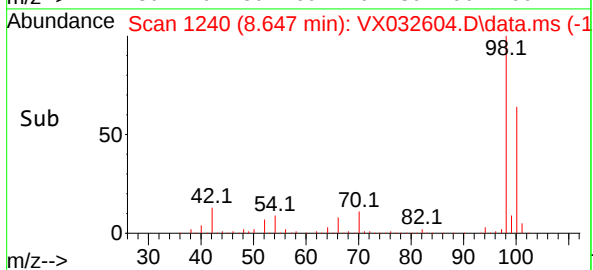
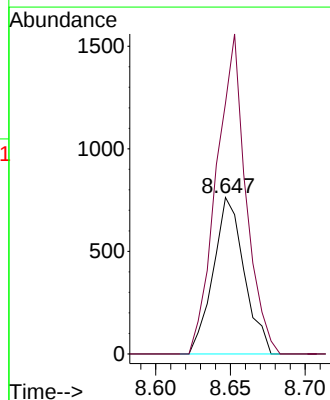
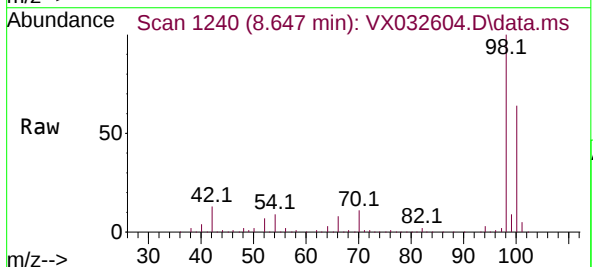
Instrument :
MSVOA_X
ClientSampleId :

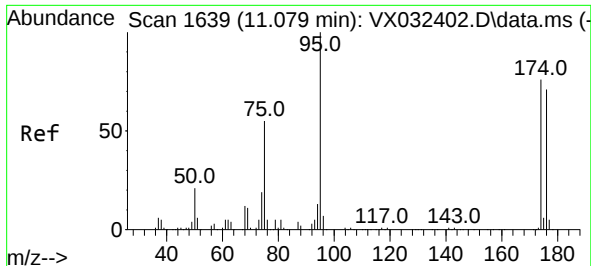
Tgt Ion: 98 Resp: 244484
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.540 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 195.0 30.9 46.3#

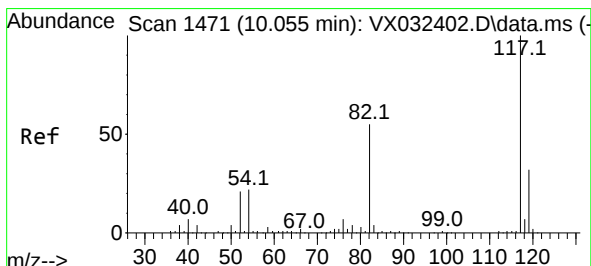
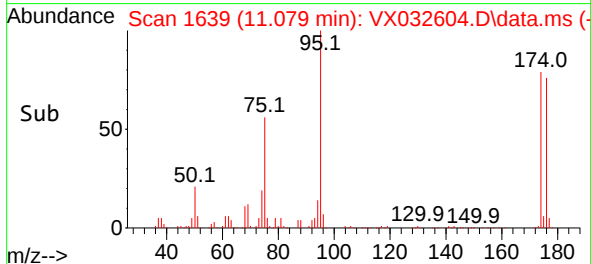
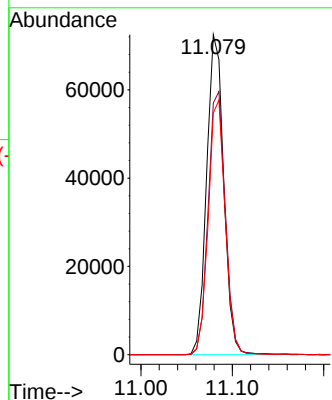
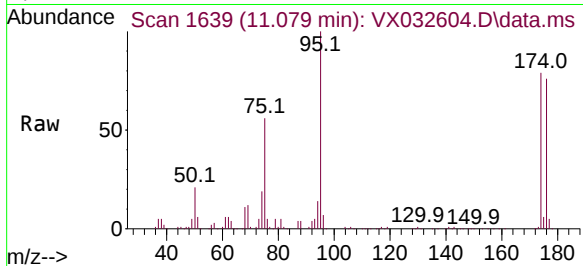




#62
4-Bromofluorobenzene
Concen: 47.569 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

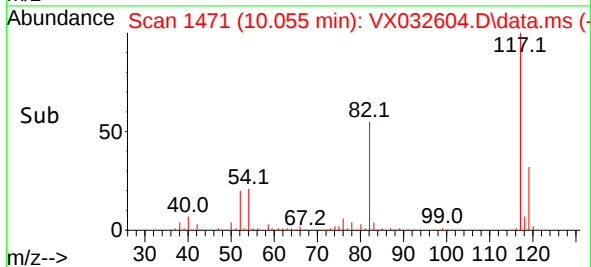
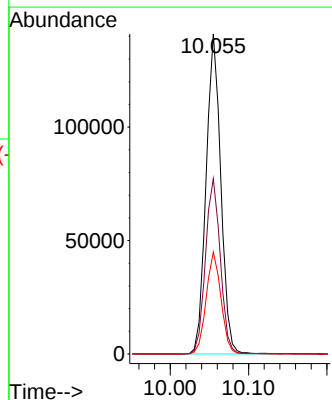
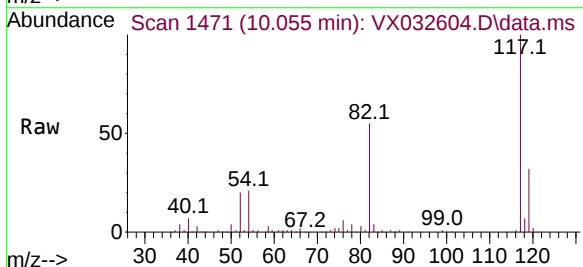
Instrument :
MSVOA_X
ClientSampleId :

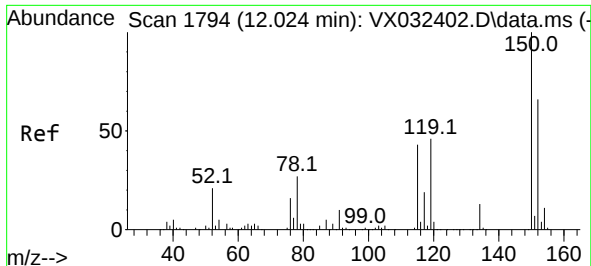
Tgt Ion: 95 Resp: 93779
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

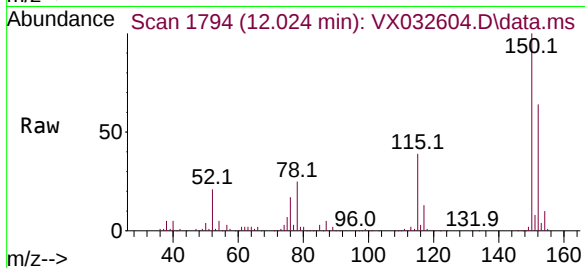
Tgt Ion: 117 Resp: 183581
Ion Ratio Lower Upper
117 100
82 54.8 44.3 66.5
119 31.9 25.7 38.5



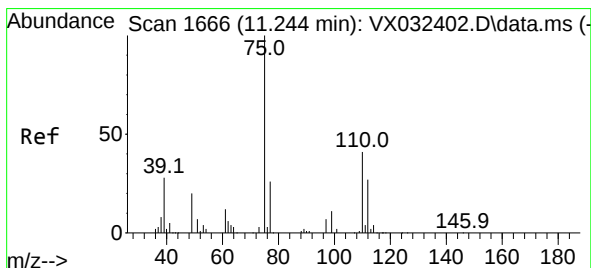
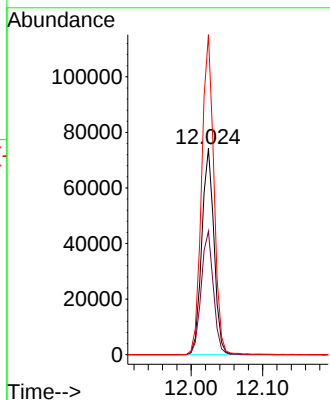
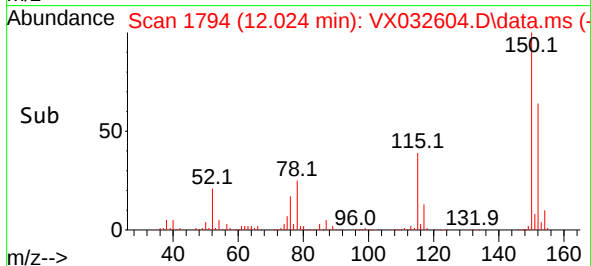


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

Instrument :
MSVOA_X
ClientSampleId :

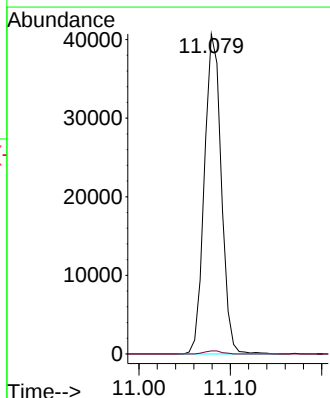
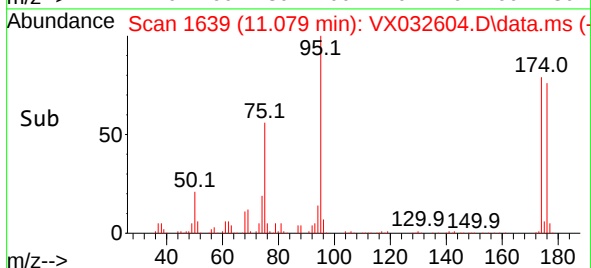
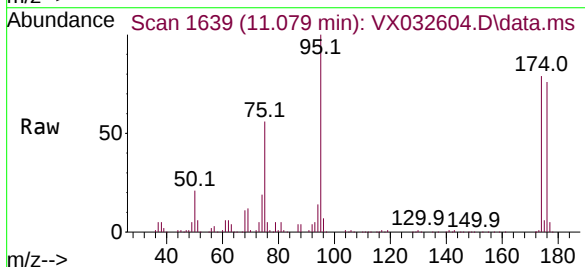


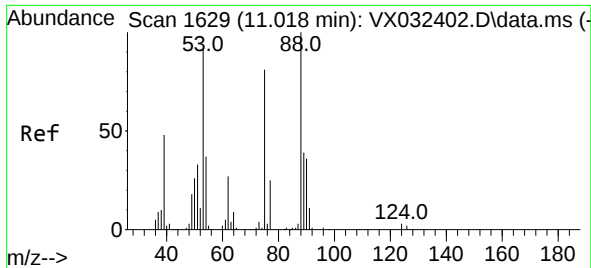
Tgt Ion:152 Resp: 88196
Ion Ratio Lower Upper
152 100
115 59.7 44.0 132.0
150 155.4 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 26.585 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032604.D
Acq: 05 Nov 2022 04:46

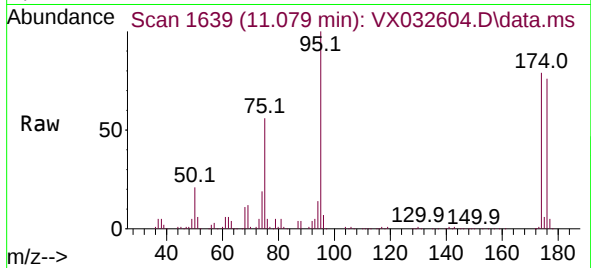
Tgt Ion: 75 Resp: 52164
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.595 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX032604.D
 Acq: 05 Nov 2022 04:46

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 52164
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

