

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032600.D
 Acq On : 05 Nov 2022 03:13
 Operator : JC/MD
 Sample : N5483-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 07 05:07:47 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)

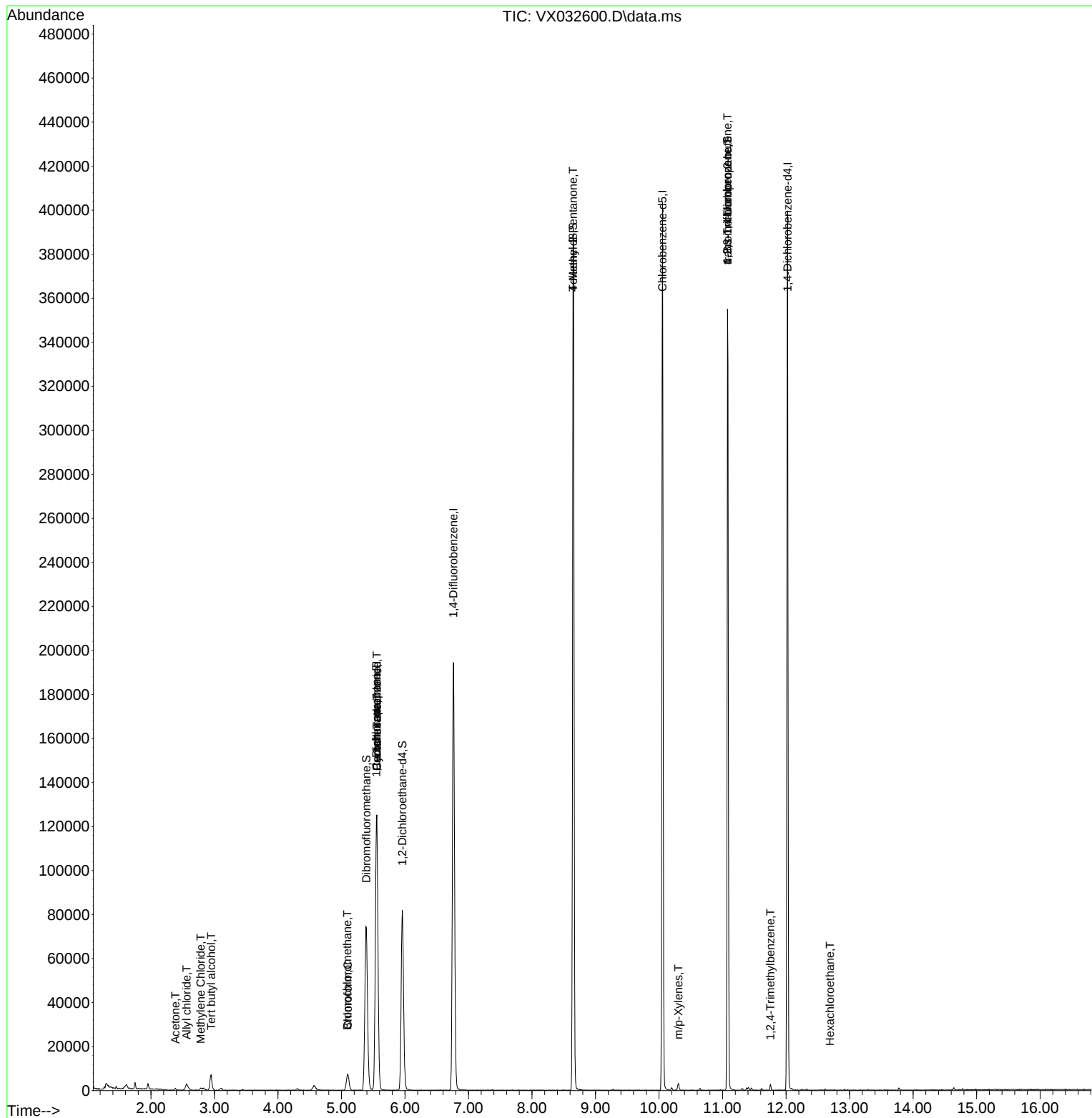
Internal Standards						
1) Pentafluorobenzene	5.556	168	119207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196766	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81063	48.941	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.880%		
35) Dibromofluoromethane	5.391	113	63360	45.143	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.280%		
50) Toluene-d8	8.647	98	236806	48.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.040%		
62) 4-Bromofluorobenzene	11.079	95	90797	47.627	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	4304	17.853	ug/l #	72
14) Allyl chloride	2.563	41	485	0.255	ug/l #	78
16) Acetone	2.386	43	1007	1.673	ug/l	91
20) Methylene Chloride	2.782	84	370	0.268	ug/l #	89
28) Bromochloromethane	5.093	49	720	0.853	ug/l #	9
30) Chloroform	5.099	83	8859	3.405	ug/l	90
31) Cyclohexane	5.556	56	2737	1.363	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	9012	4.611	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12312	5.679	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1072	0.545	ug/l #	1
68) m/p-Xylenes	10.305	106	831	0.309	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	48936	27.525	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48936	87.587	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1566	0.291	ug/l	86
90) Hexachloroethane	12.695	117	184	0.204	ug/l #	12

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

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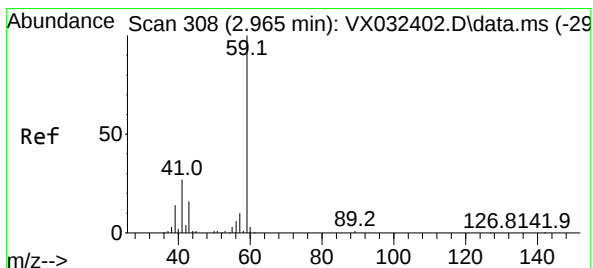
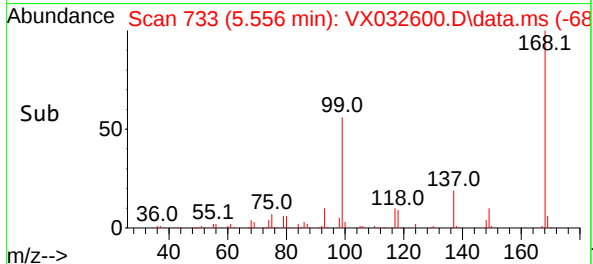
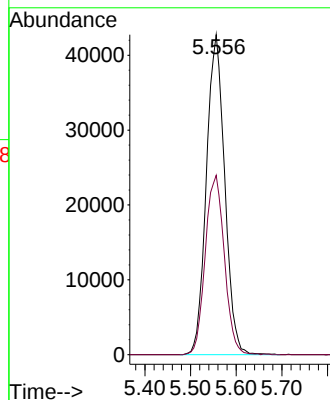
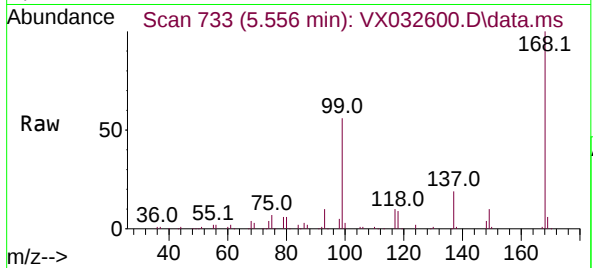




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

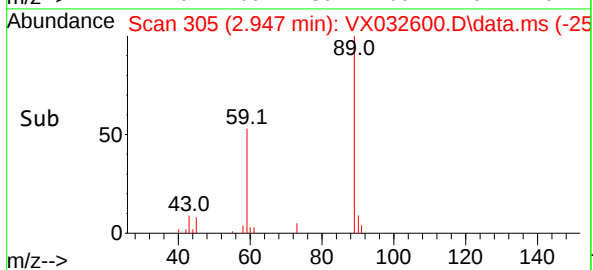
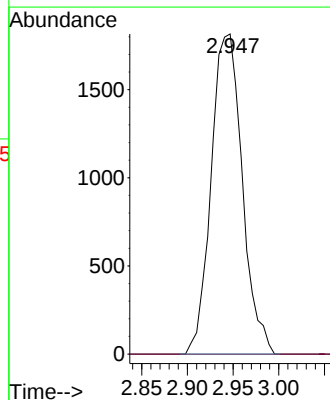
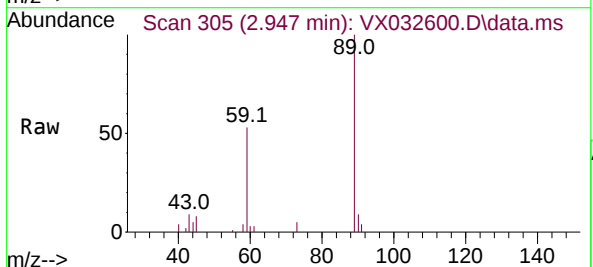
Instrument :
MSVOA_X
ClientSampleId :

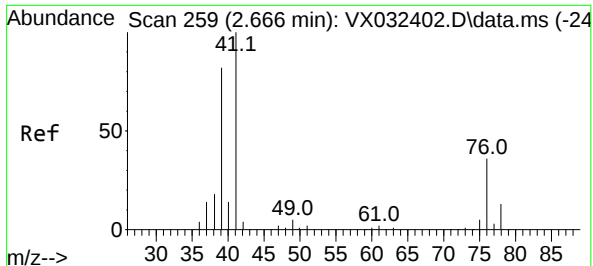
Tgt Ion:168 Resp: 119207
Ion Ratio Lower Upper
168 100
99 56.0 46.1 69.1



#11
Tert butyl alcohol
Concen: 17.853 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

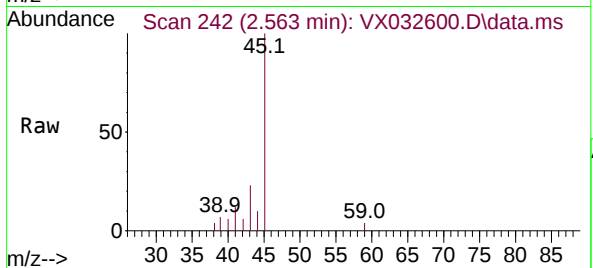
Tgt Ion: 59 Resp: 4304
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



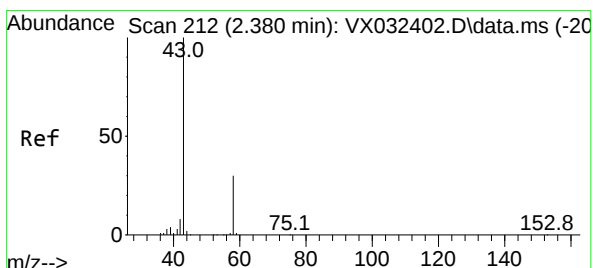
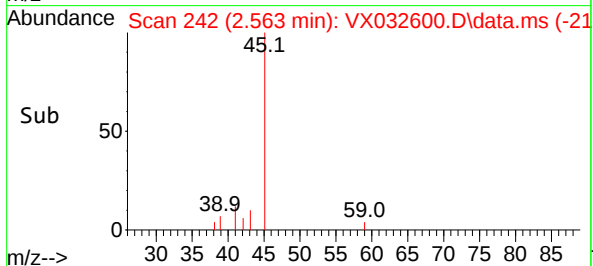
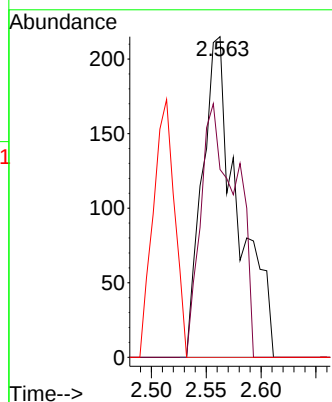


#14
 Allyl chloride
 Concen: 0.255 ug/l
 RT: 2.563 min Scan# 24
 Delta R.T. -0.104 min
 Lab File: VX032600.D
 Acq: 05 Nov 2022 03:13

Instrument :
 MSVOA_X
 ClientSampleId :

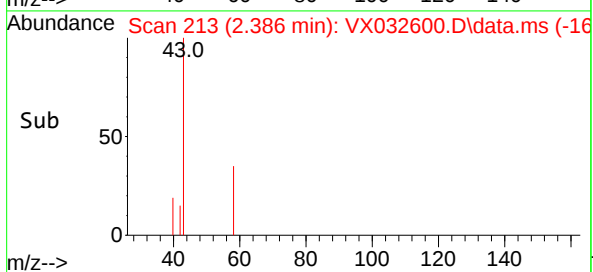
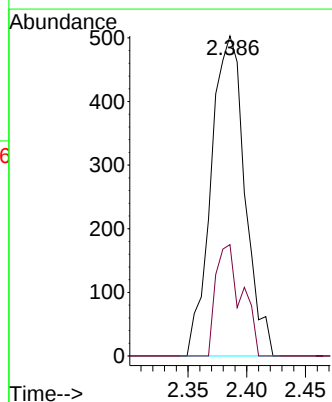
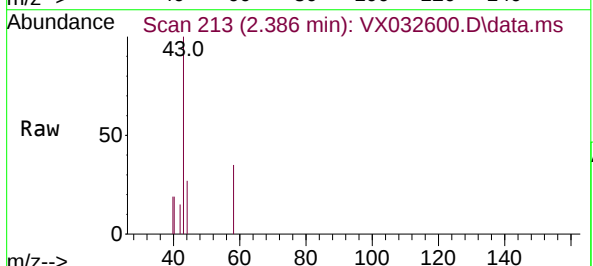


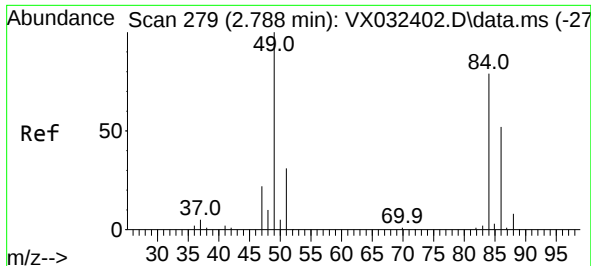
Tgt Ion: 41 Resp: 485
 Ion Ratio Lower Upper
 41 100
 39 79.0 61.4 92.2
 76 0.0 29.2 43.8#



#16
 Acetone
 Concen: 1.673 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VX032600.D
 Acq: 05 Nov 2022 03:13

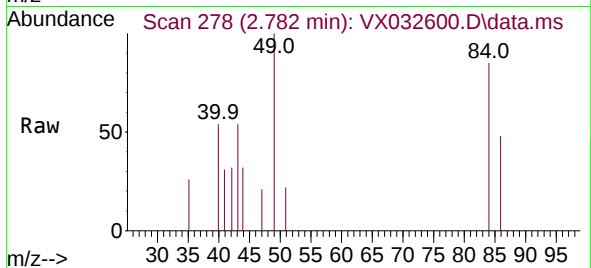
Tgt Ion: 43 Resp: 1007
 Ion Ratio Lower Upper
 43 100
 58 34.8 23.8 35.8



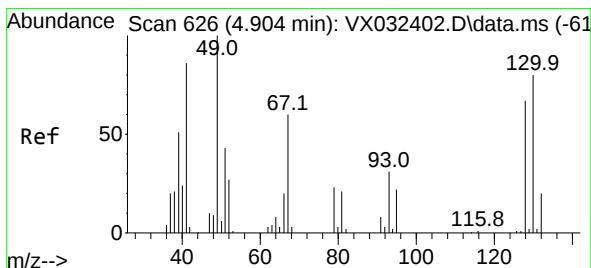
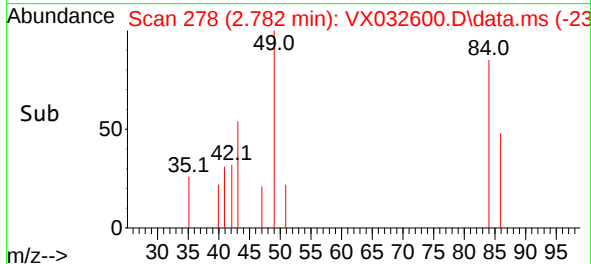
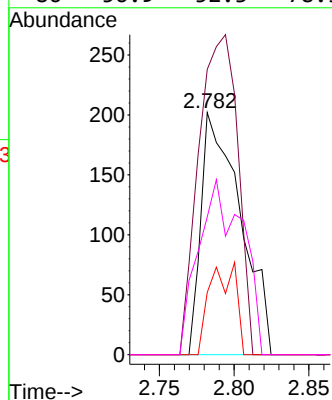


#20
Methylene Chloride
Concen: 0.268 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Instrument :
MSVOA_X
ClientSampleId :

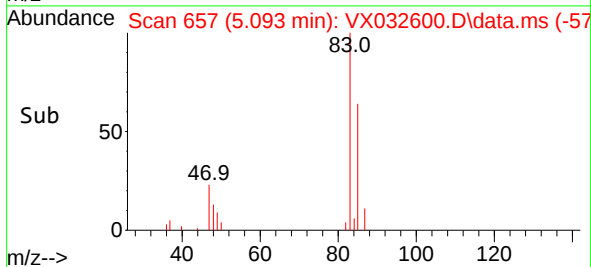
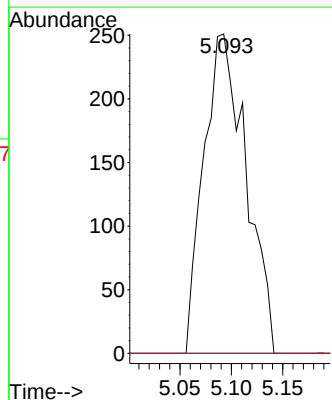
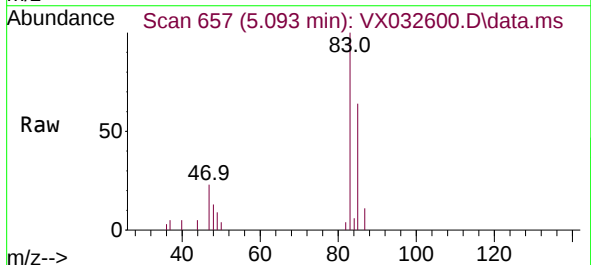


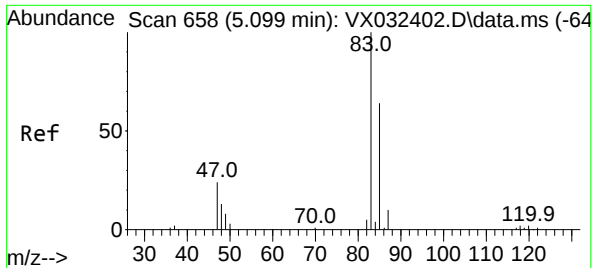
Tgt Ion: 84	Resp:	370
Ion	Ratio	Lower Upper
84	100	
49	117.8	101.0 151.6
51	25.7	31.1 46.7#
86	56.9	52.3 78.5



#28
Bromochloromethane
Concen: 0.853 ug/l
RT: 5.093 min Scan# 657
Delta R.T. 0.189 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Tgt Ion: 49	Resp:	720
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 3.8
130	0.0	67.5 101.3#





#30

Chloroform

Concen: 3.405 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

Instrument :

MSVOA_X

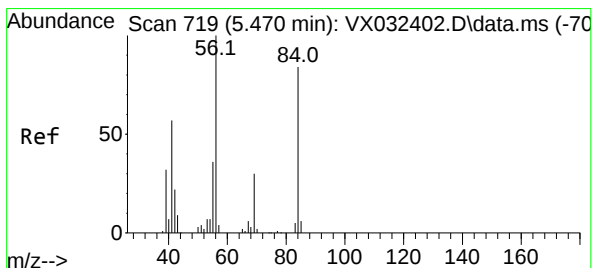
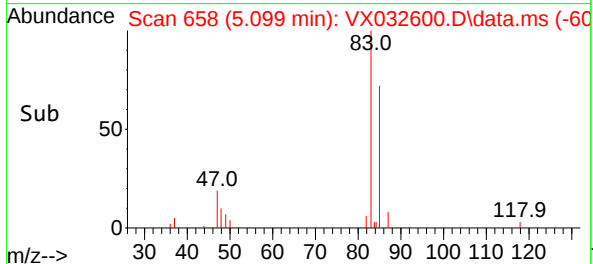
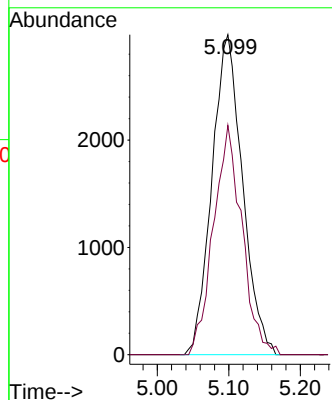
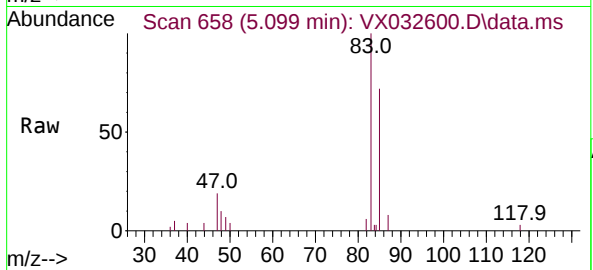
ClientSampleId :

Tgt Ion: 83 Resp: 8859

Ion Ratio Lower Upper

83 100

85 71.7 51.1 76.7



#31

Cyclohexane

Concen: 1.363 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

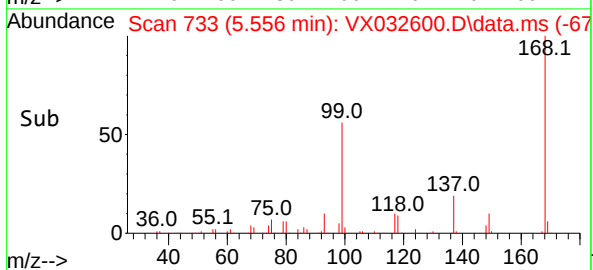
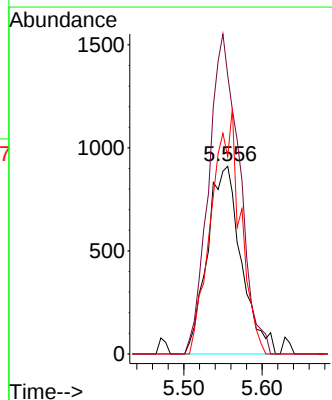
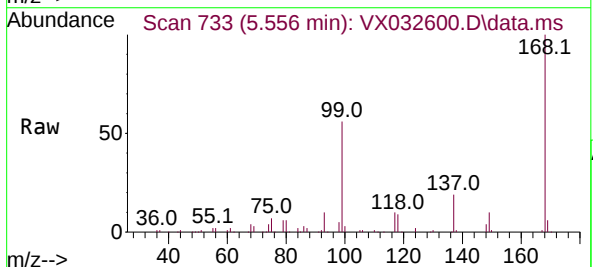
Tgt Ion: 56 Resp: 2737

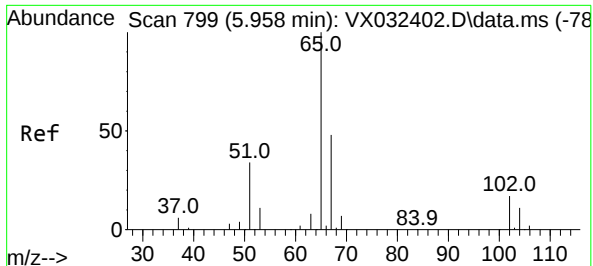
Ion Ratio Lower Upper

56 100

69 148.4 24.1 36.1#

84 115.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 48.941 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

Instrument :

MSVOA_X

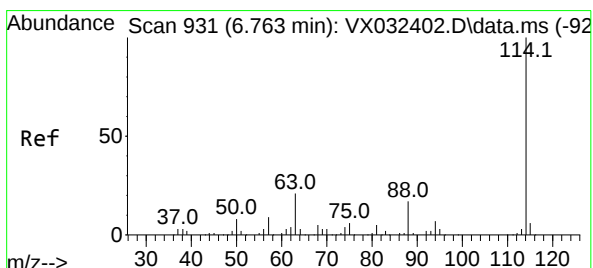
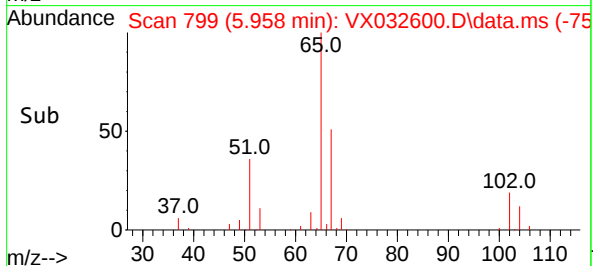
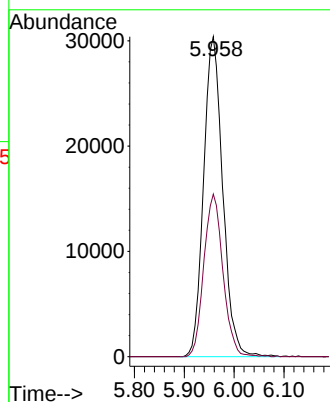
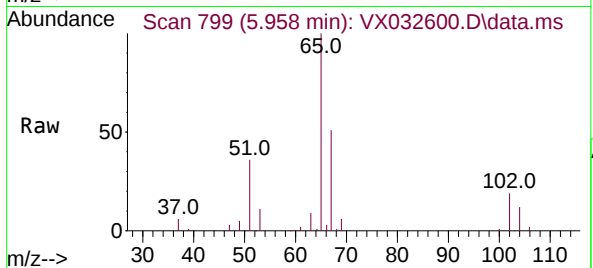
ClientSampleId :

Tgt Ion: 65 Resp: 81063

Ion Ratio Lower Upper

65 100

67 50.7 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: VX032600.D

Acq: 05 Nov 2022 03:13

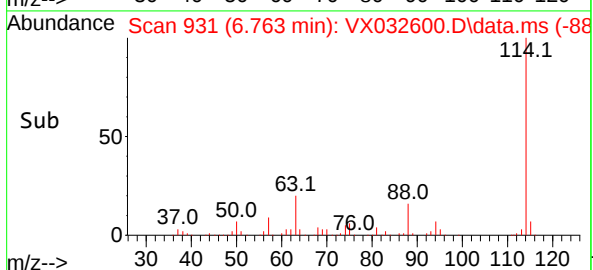
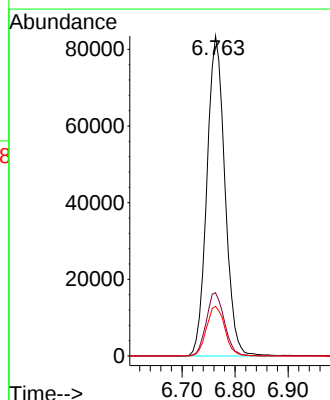
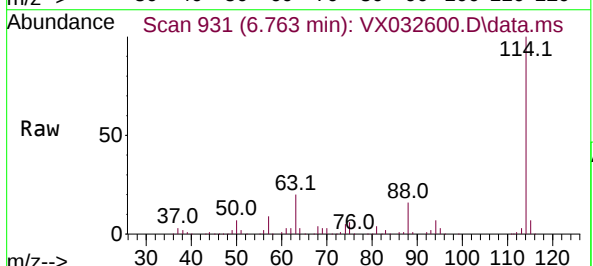
Tgt Ion: 114 Resp: 196766

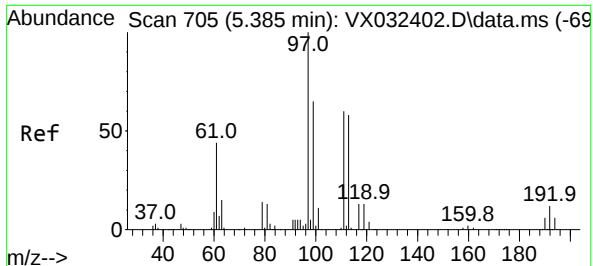
Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.143 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

Instrument :

MSVOA_X

ClientSampleId :

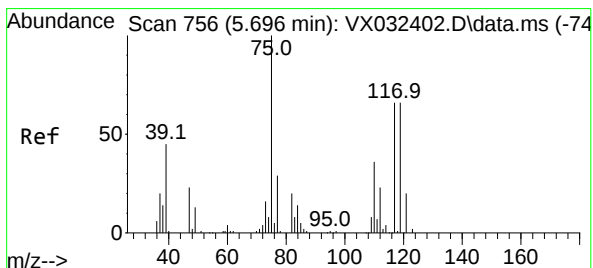
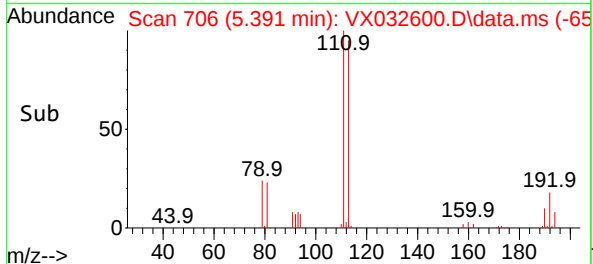
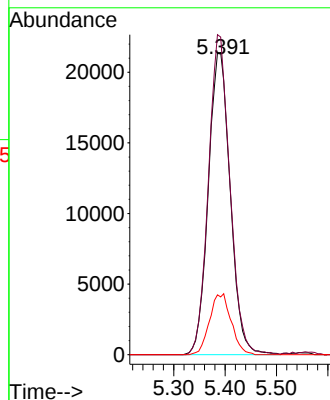
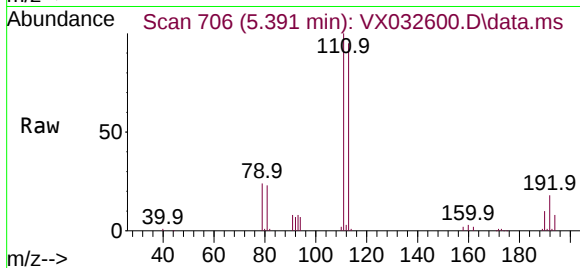
Tgt Ion:113 Resp: 63360

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

192 19.9 15.4 23.2



#36

1,1-Dichloropropene

Concen: 4.611 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

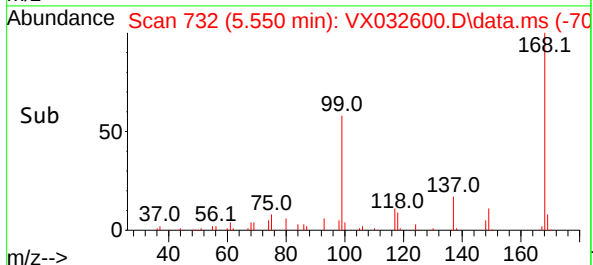
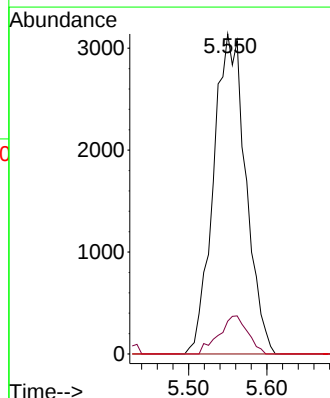
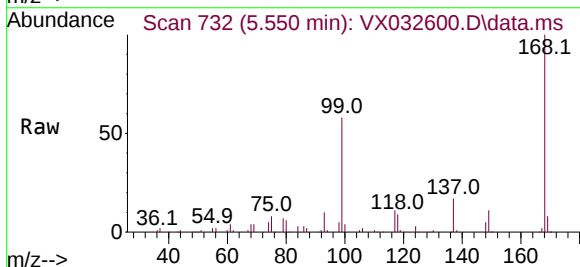
Tgt Ion: 75 Resp: 9012

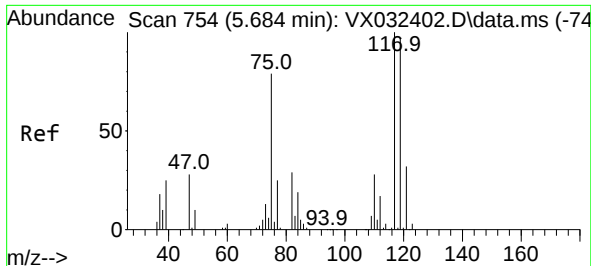
Ion Ratio Lower Upper

75 100

110 10.5 18.4 55.2#

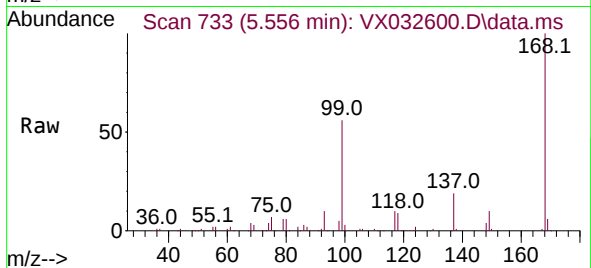
77 0.0 24.5 36.7#



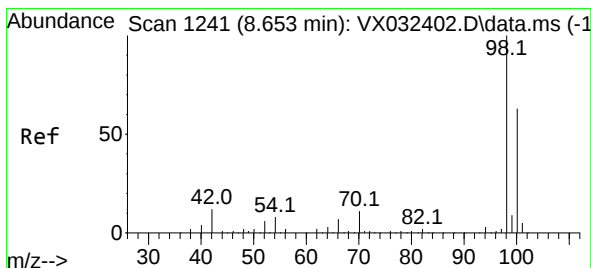
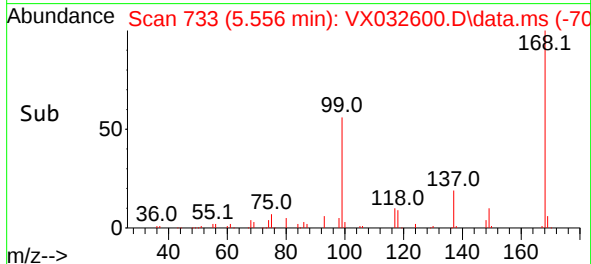
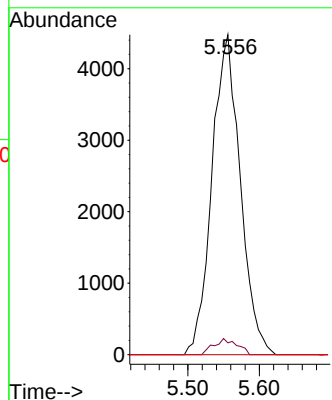


#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Instrument :
MSVOA_X
ClientSampleId :

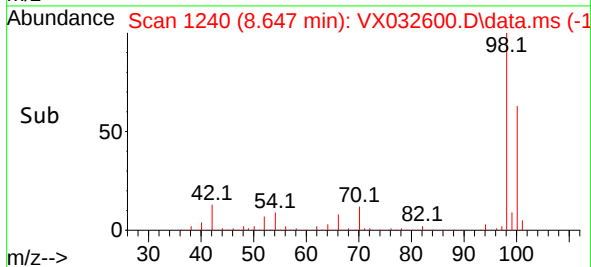
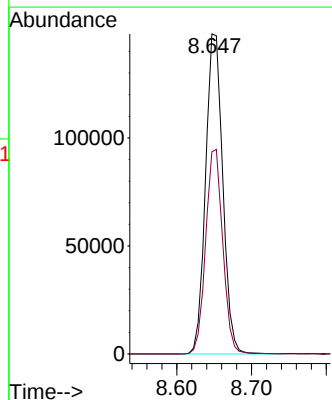
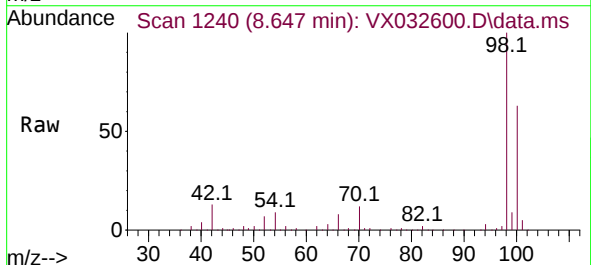


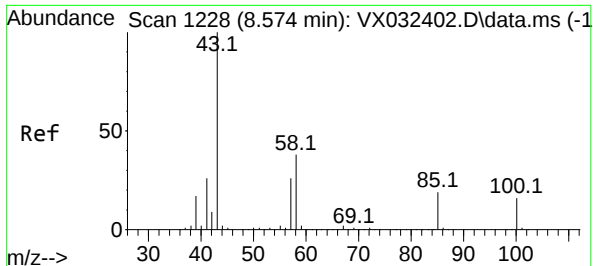
Tgt Ion:117 Resp: 12312
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.521 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Tgt Ion: 98 Resp: 236806
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.545 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

Instrument :

MSVOA_X

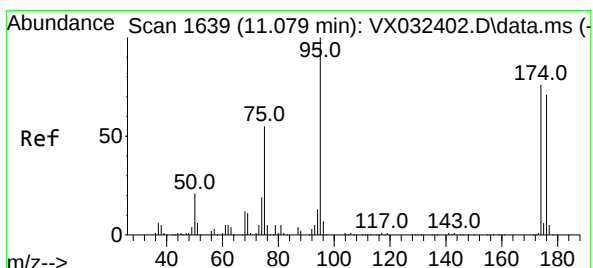
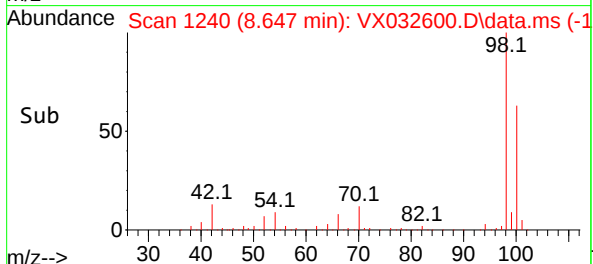
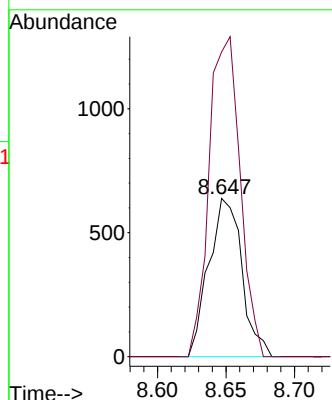
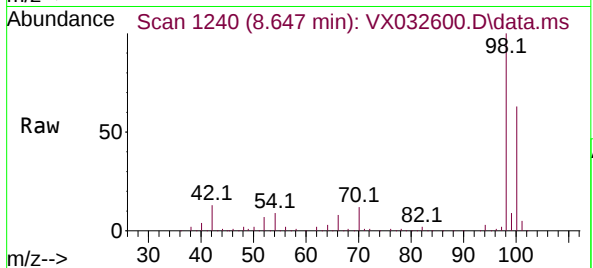
ClientSampleId :

Tgt Ion: 43 Resp: 1072

Ion Ratio Lower Upper

43 100

58 190.0 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 47.627 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032600.D

Acq: 05 Nov 2022 03:13

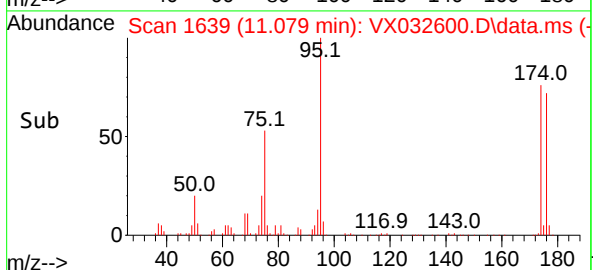
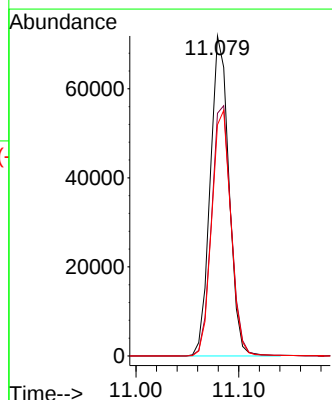
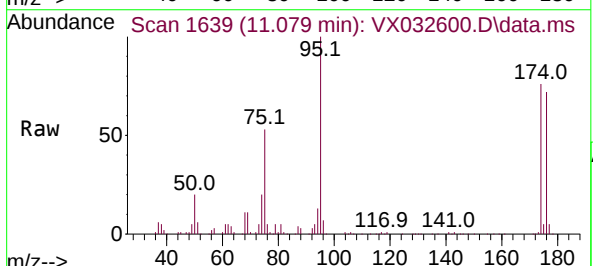
Tgt Ion: 95 Resp: 90797

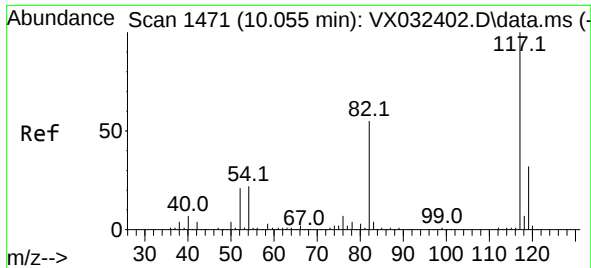
Ion Ratio Lower Upper

95 100

174 81.6 0.0 164.0

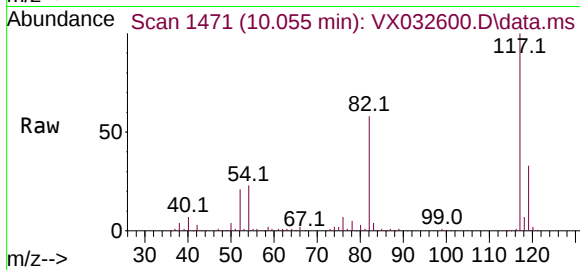
176 79.0 0.0 154.4



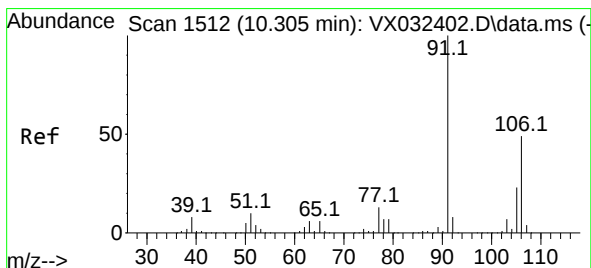
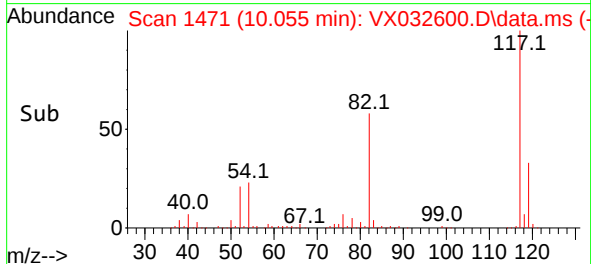
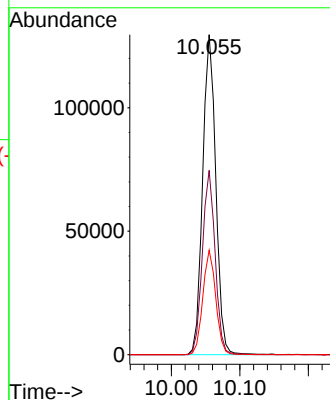


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Instrument :
MSVOA_X
ClientSampleId :

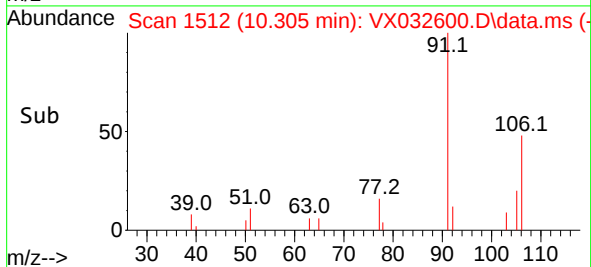
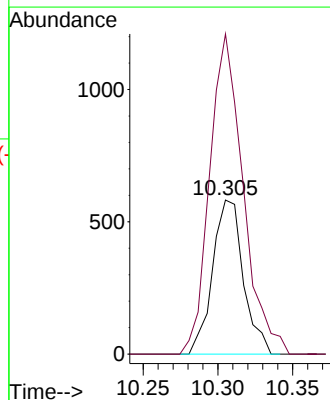
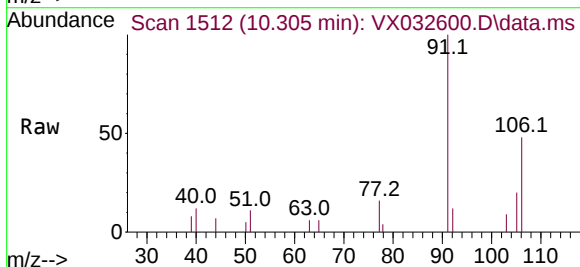


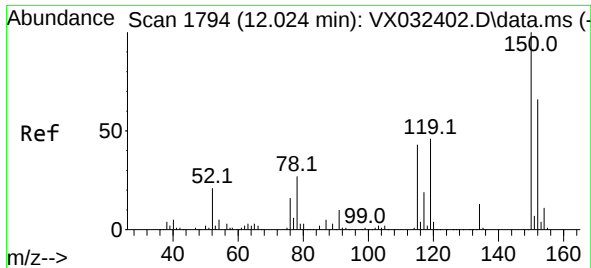
Tgt Ion:117 Resp: 173113
Ion Ratio Lower Upper
117 100
82 57.6 44.3 66.5
119 32.7 25.7 38.5



#68
m/p-Xylenes
Concen: 0.309 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Tgt Ion:106 Resp: 831
Ion Ratio Lower Upper
106 100
91 226.5 164.5 246.7

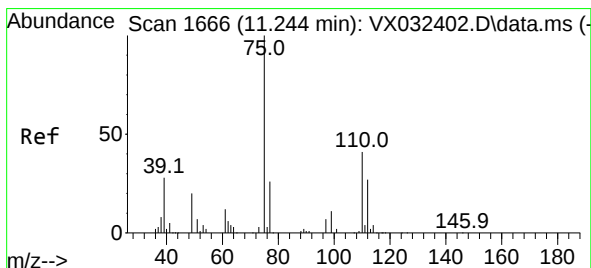
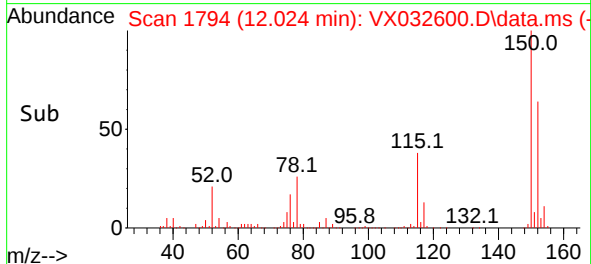
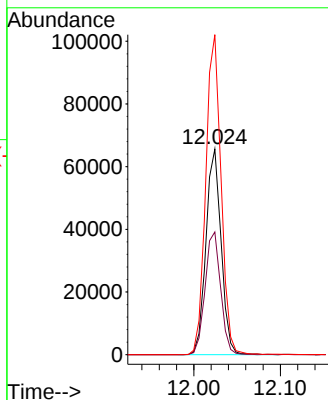
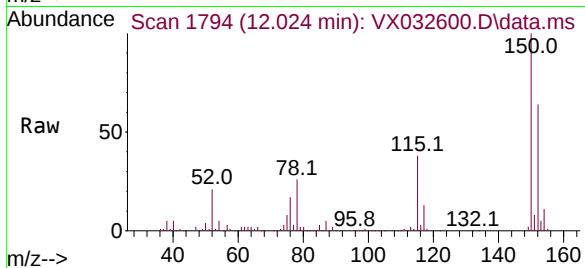




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

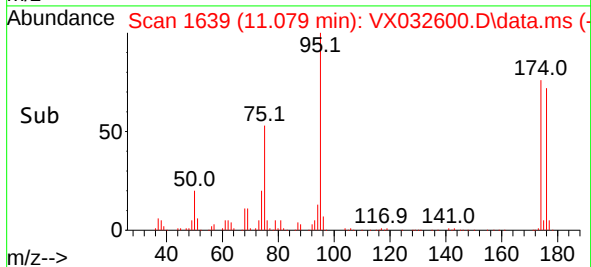
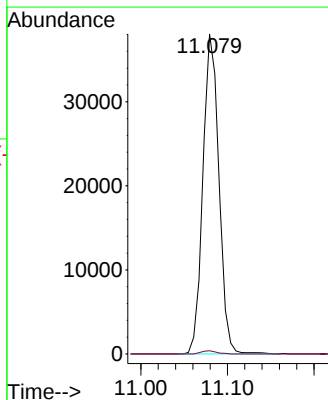
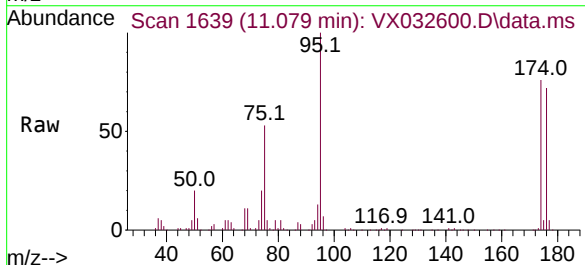
Instrument :
MSVOA_X
ClientSampleId :

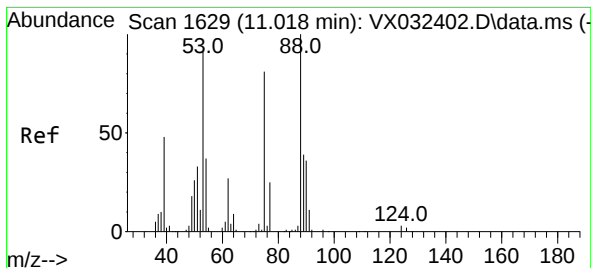
Tgt Ion:152 Resp: 79912
Ion Ratio Lower Upper
152 100
115 61.0 44.0 132.0
150 156.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 27.525 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032600.D
Acq: 05 Nov 2022 03:13

Tgt Ion: 75 Resp: 48936
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

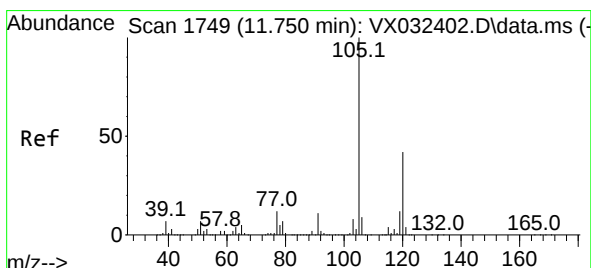
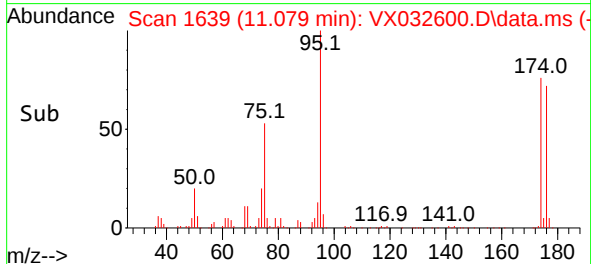
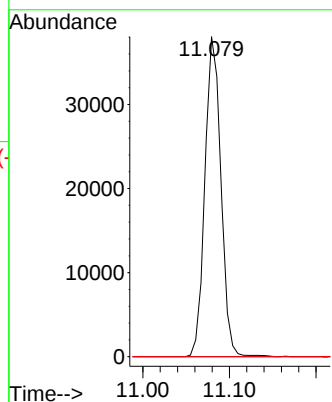
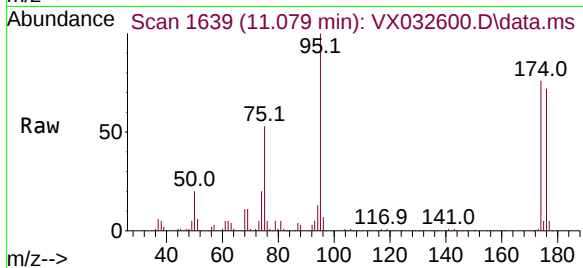




#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.587 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032600.D
 Acq: 05 Nov 2022 03:13

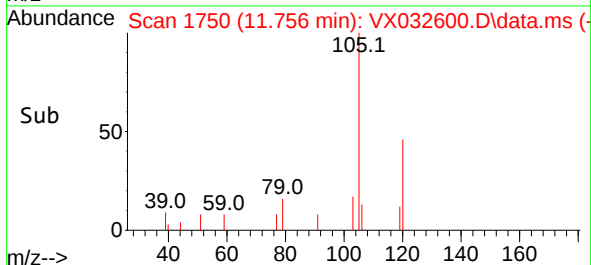
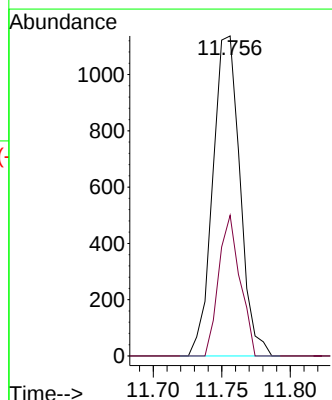
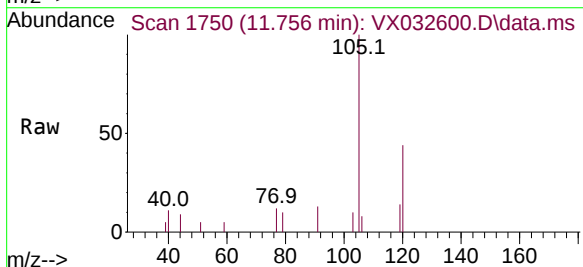
Instrument :
 MSVOA_X
 ClientSampleId :

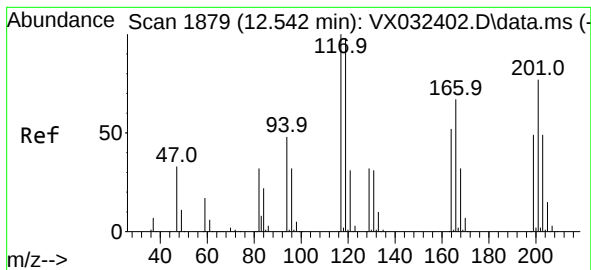
Tgt Ion: 75 Resp: 48936
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.291 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX032600.D
 Acq: 05 Nov 2022 03:13

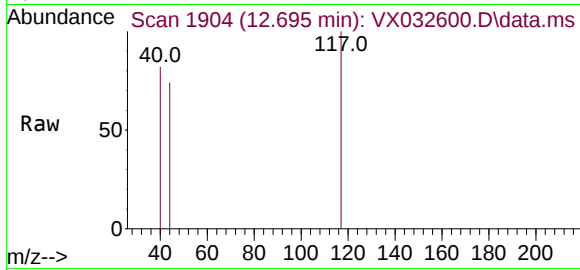
Tgt Ion:105 Resp: 1566
 Ion Ratio Lower Upper
 105 100
 120 34.5 21.9 65.5





#90
 Hexachloroethane
 Concen: 0.204 ug/l
 RT: 12.695 min Scan# 1904
 Delta R.T. 0.152 min
 Lab File: VX032600.D
 Acq: 05 Nov 2022 03:13

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:117 Resp: 184
 Ion Ratio Lower Upper
 117 100
 201 0.0 37.6 112.9#

