

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027680.D
 Acq On : 23 Mar 2022 20:32
 Operator : JC/MD
 Sample : N2028-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:37:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

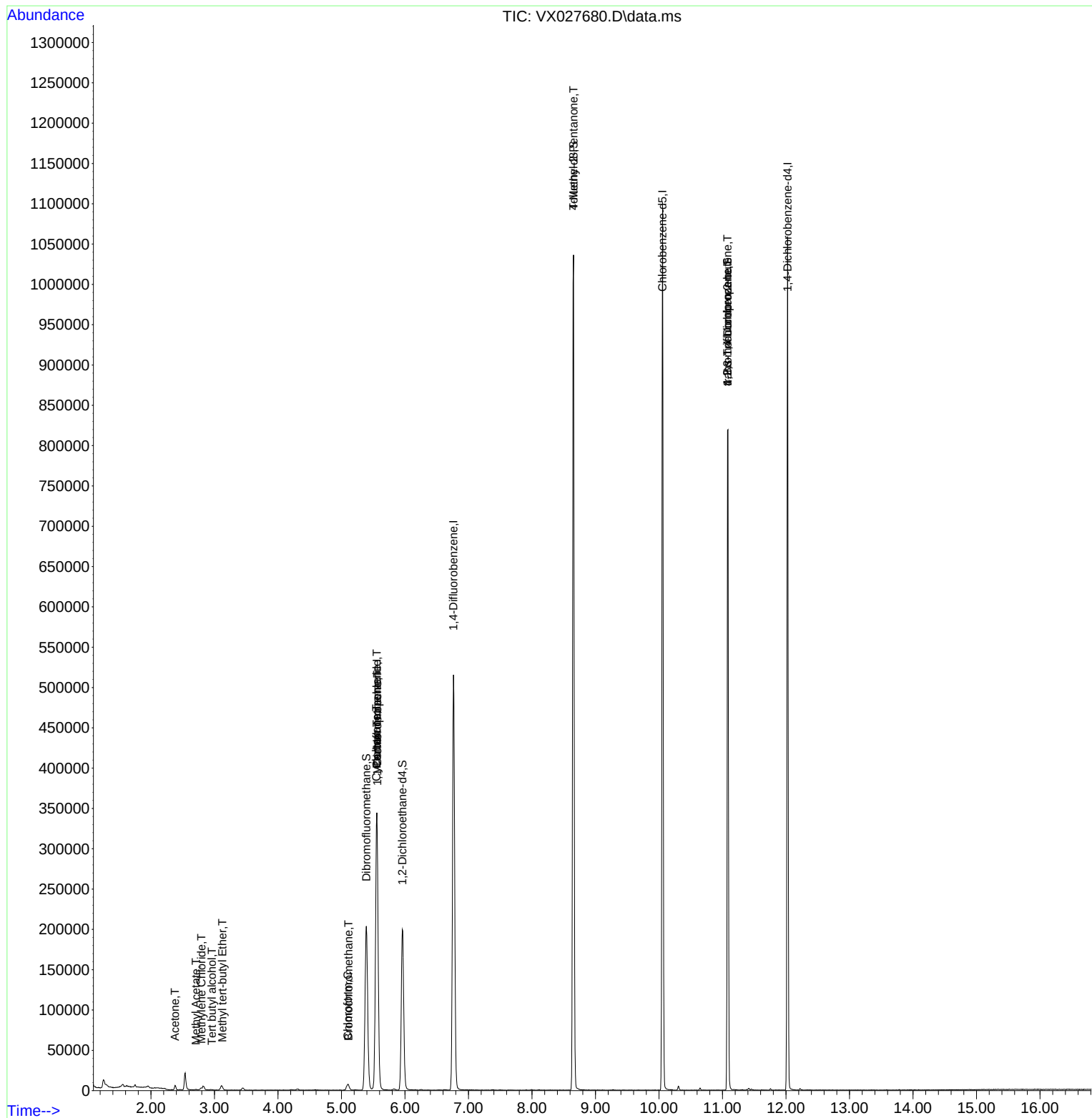
Internal Standards						
1) Pentafluorobenzene	5.556	168	340154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	551235	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522719	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219213	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	200476	47.842	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.680%
35) Dibromofluoromethane	5.391	113	179602	50.641	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.280%
50) Toluene-d8	8.653	98	643866	47.976	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.079	95	230700	46.769	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	534	Below Cal	#	80
11) Tert butyl alcohol	2.959	59	593	0.743	ug/l #	72
16) Acetone	2.380	43	5879	3.442	ug/l #	87
18) Methyl Acetate	2.709	43	1109	0.271	ug/l #	70
19) Methyl tert-butyl Ether	3.123	73	4083	0.383	ug/l #	82
20) Methylene Chloride	2.794	84	947	0.258	ug/l #	89
28) Bromochloromethane	5.111	49	625	0.264	ug/l #	7
30) Chloroform	5.099	83	9439	1.458	ug/l	88
31) Cyclohexane	5.550	56	6696	1.287	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	23889	4.929	ug/l #	49
38) Carbon Tetrachloride	5.556	117	33413	6.026	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	2400	0.484	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109717	23.929	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	109717	72.672	ug/l #	15

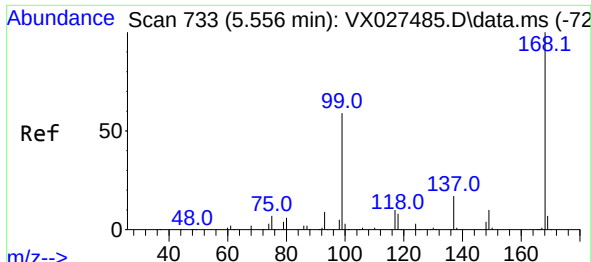
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
Data File : VX027680.D
Acq On : 23 Mar 2022 20:32
Operator : JC/MD
Sample : N2028-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

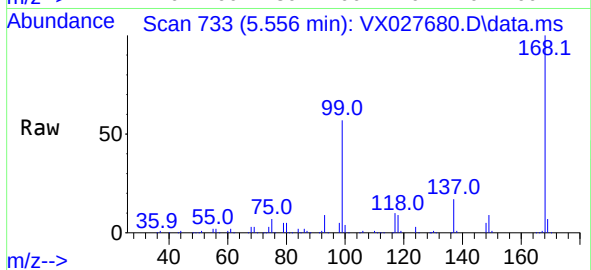
Quant Time: Mar 24 04:37:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration



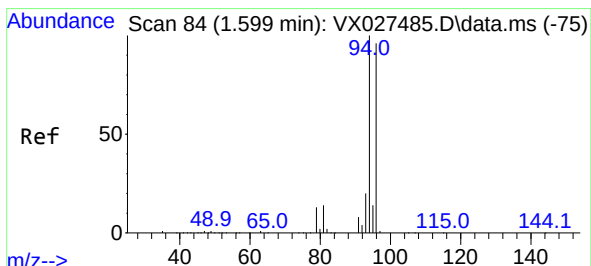
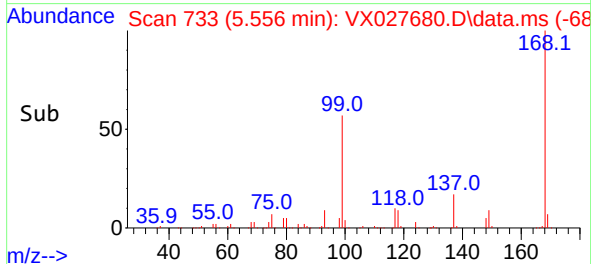
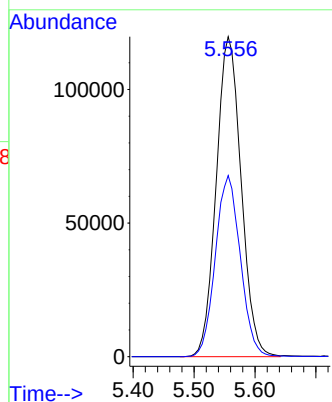


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Instrument :
MSVOA_X
ClientSampleId :

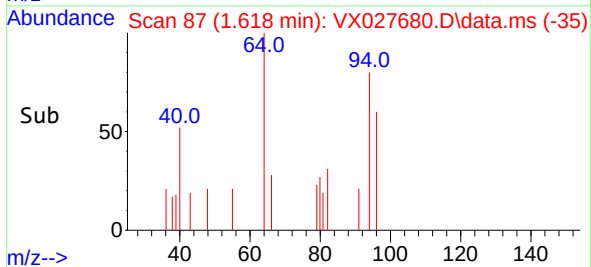
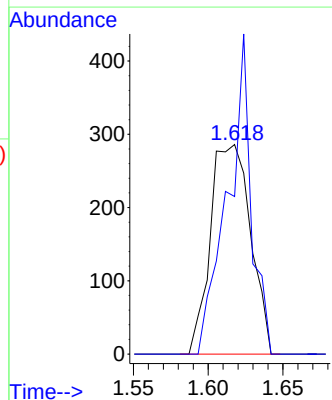
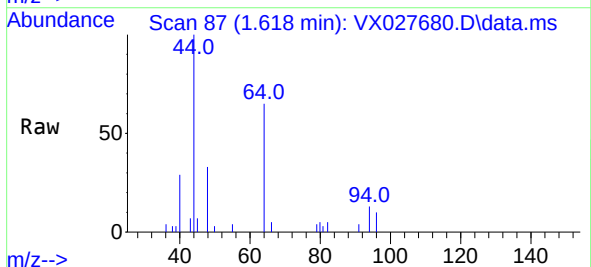


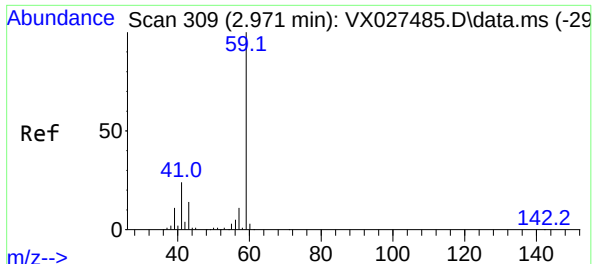
Tgt Ion:168 Resp: 340154
Ion Ratio Lower Upper
168 100
99 56.6 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 75.2 75.3 112.9#





#11

Tert butyl alcohol

Concen: 0.743 ug/l

RT: 2.959 min Scan# 309

Delta R.T. -0.012 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

Instrument :

MSVOA_X

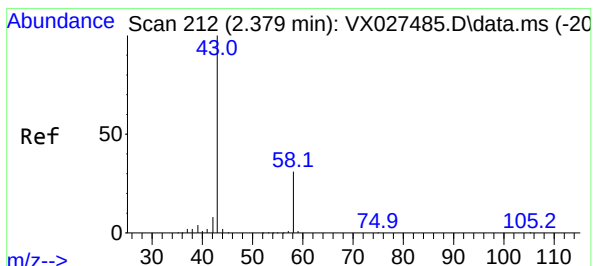
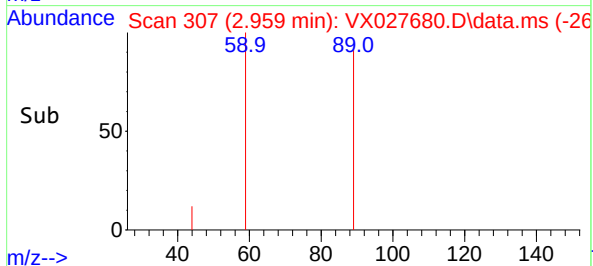
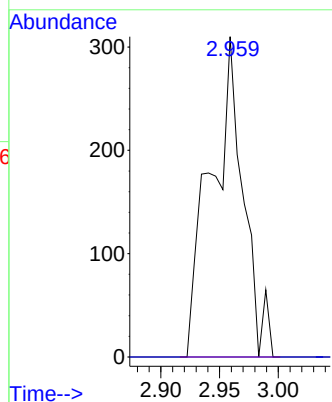
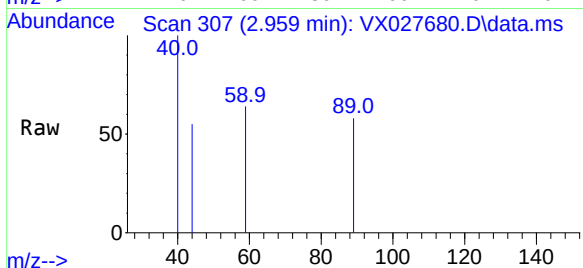
ClientSampleId :

Tgt Ion: 59 Resp: 593

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 3.442 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027680.D

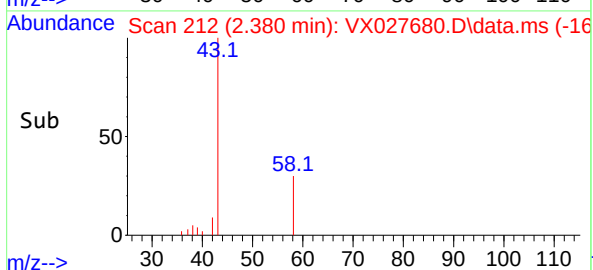
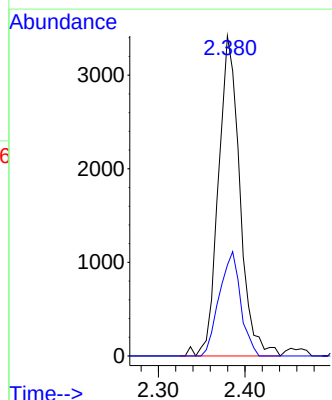
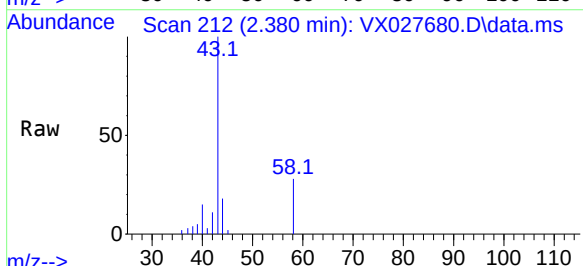
Acq: 23 Mar 2022 20:32

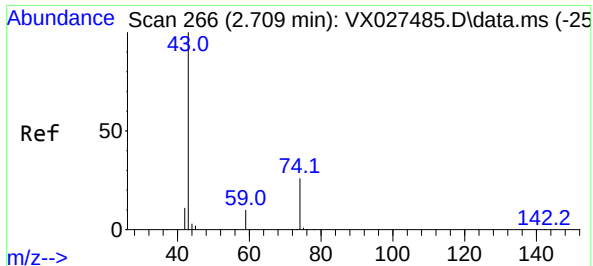
Tgt Ion: 43 Resp: 5879

Ion Ratio Lower Upper

43 100

58 28.4 28.8 43.2#





#18

Methyl Acetate

Concen: 0.271 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

Instrument :

MSVOA_X

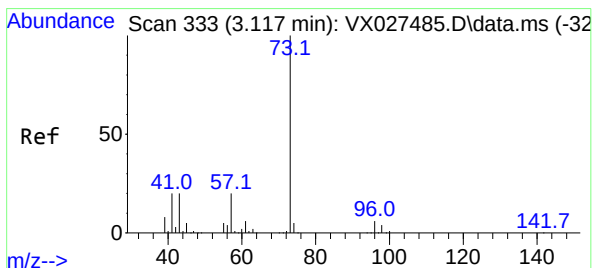
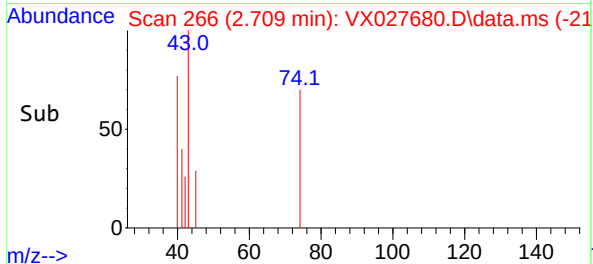
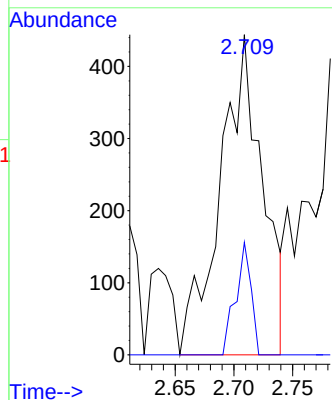
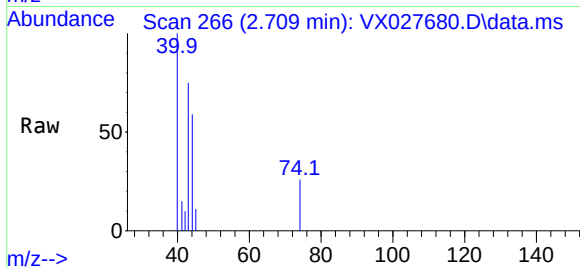
ClientSampleId :

Tgt Ion: 43 Resp: 1109

Ion Ratio Lower Upper

43 100

74 12.8 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 0.383 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX027680.D

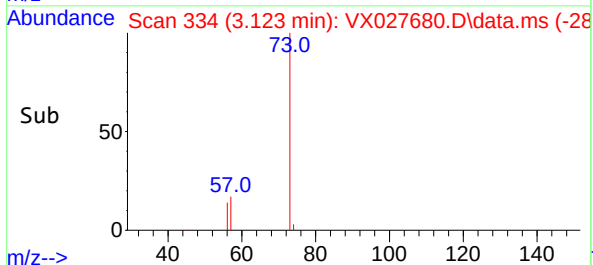
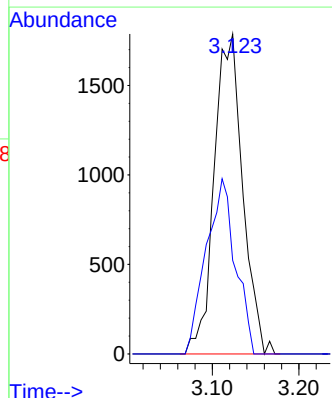
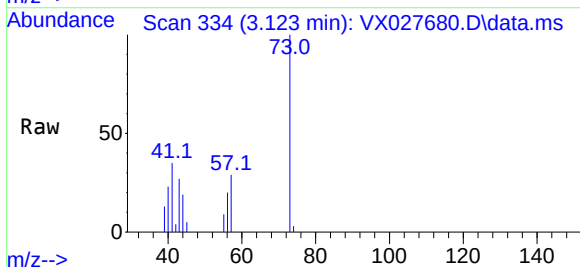
Acq: 23 Mar 2022 20:32

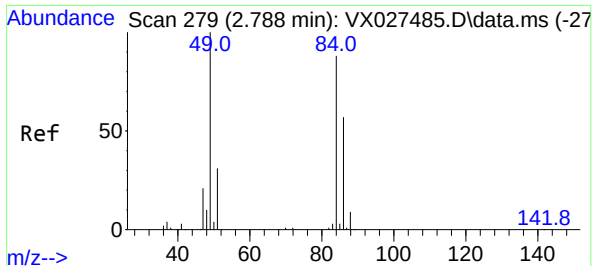
Tgt Ion: 73 Resp: 4083

Ion Ratio Lower Upper

73 100

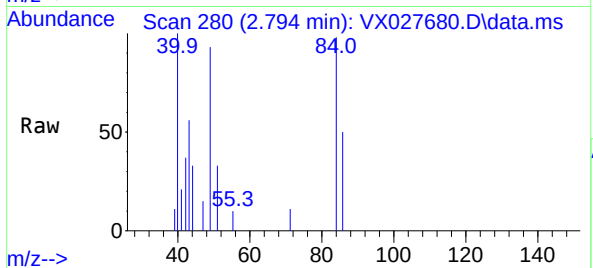
57 29.3 16.8 25.2#



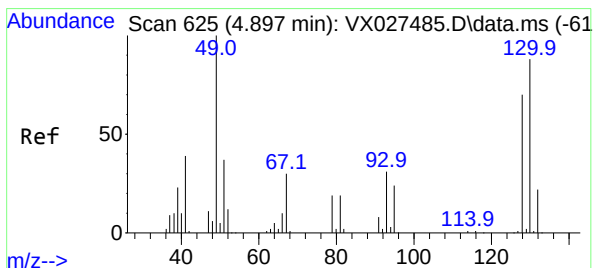
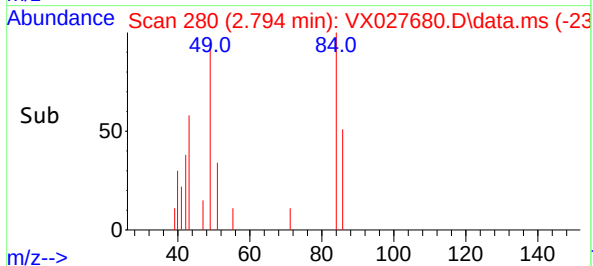
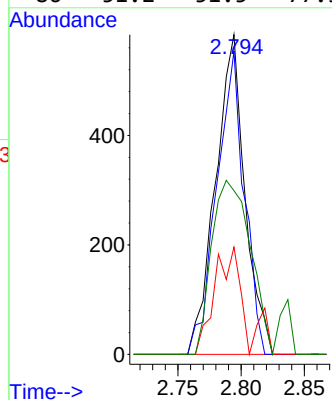


#20
Methylene Chloride
Concen: 0.258 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Instrument :
MSVOA_X
ClientSampleId :

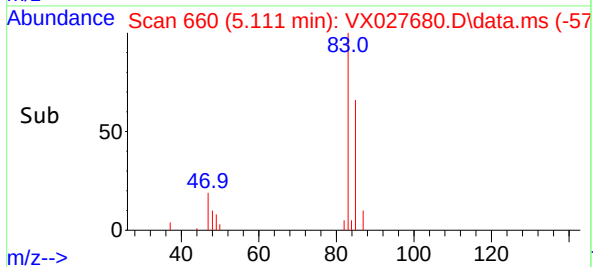
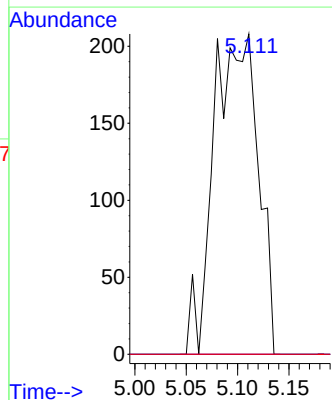
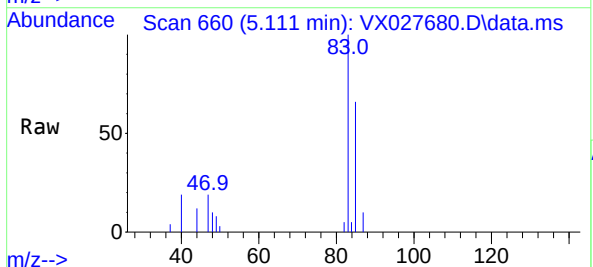


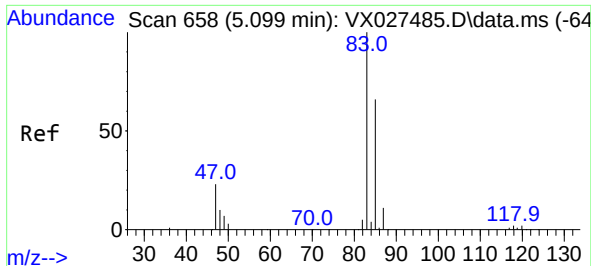
Tgt Ion: 84 Resp: 947
Ion Ratio Lower Upper
84 100
49 94.9 85.5 128.3
51 33.6 26.6 39.8
86 51.2 51.5 77.3#



#28
Bromochloromethane
Concen: 0.264 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.214 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Tgt Ion: 49 Resp: 625
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 0.0 70.7 106.1#





#30

Chloroform

Concen: 1.458 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

Instrument :

MSVOA_X

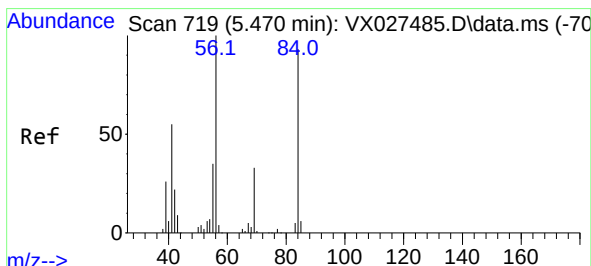
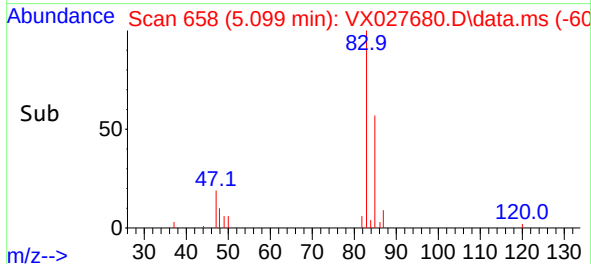
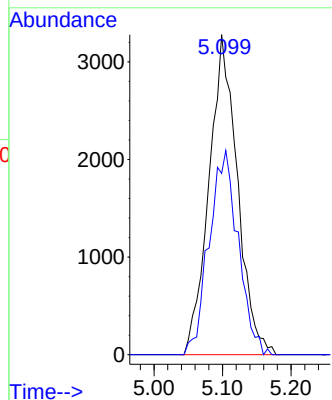
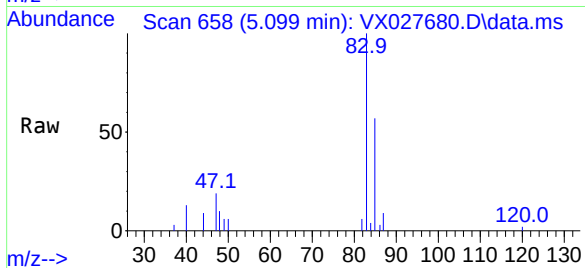
ClientSampleId :

Tgt Ion: 83 Resp: 9439

Ion Ratio Lower Upper

83 100

85 56.7 52.7 79.1



#31

Cyclohexane

Concen: 1.287 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

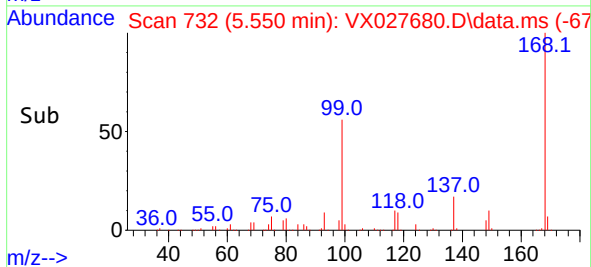
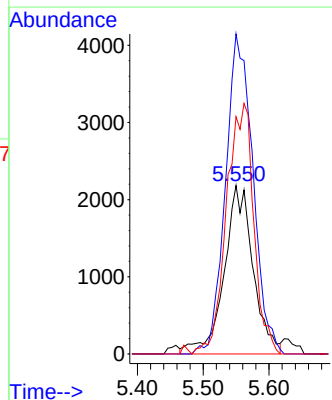
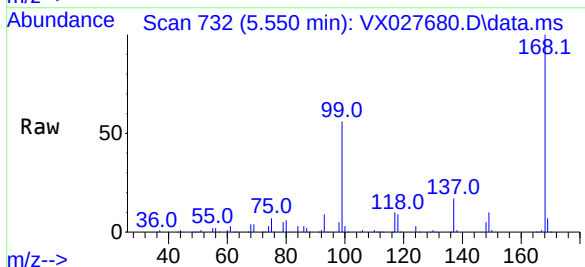
Tgt Ion: 56 Resp: 6696

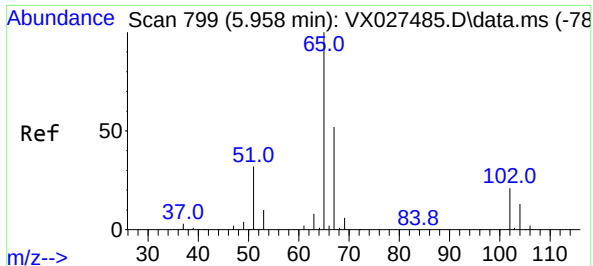
Ion Ratio Lower Upper

56 100

69 195.8 26.7 40.1#

84 145.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 47.842 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

Instrument :

MSVOA_X

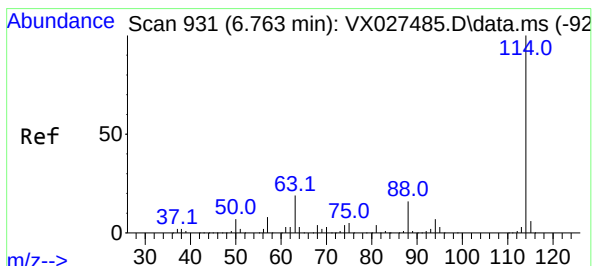
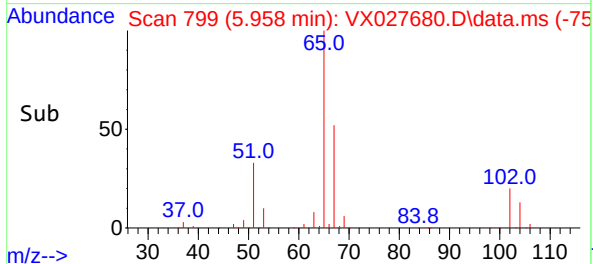
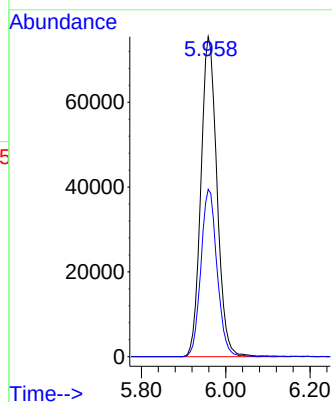
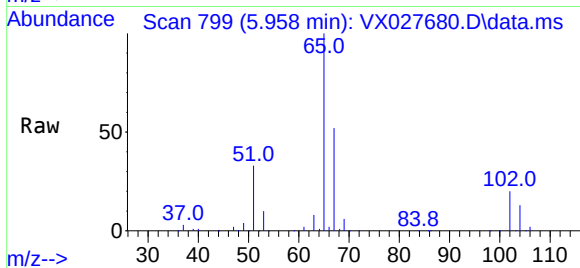
ClientSampleId :

Tgt Ion: 65 Resp: 200476

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

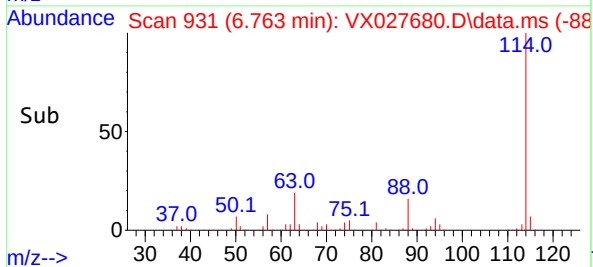
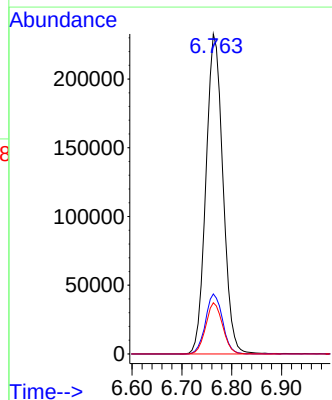
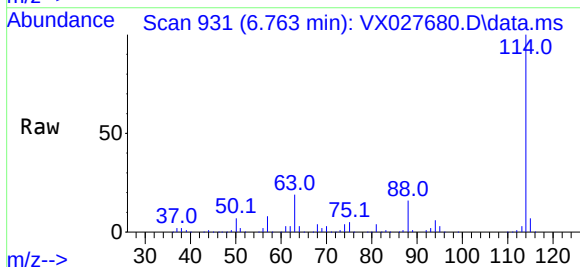
Tgt Ion: 114 Resp: 551235

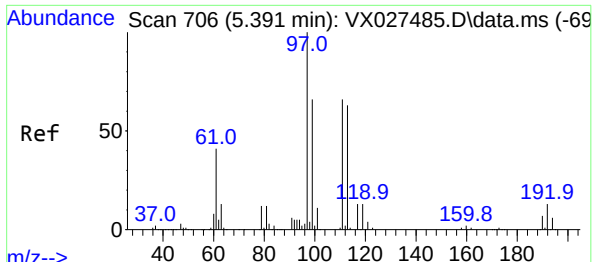
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

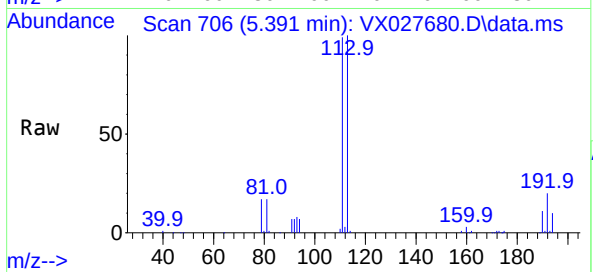
88 16.0 0.0 32.4





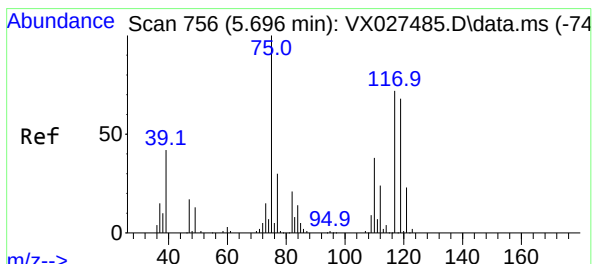
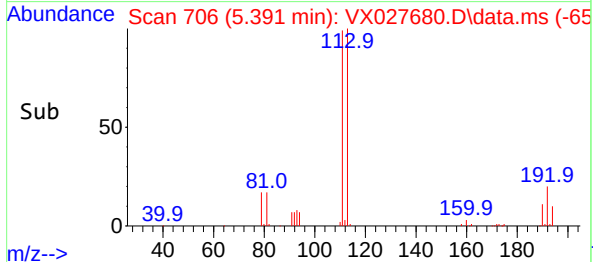
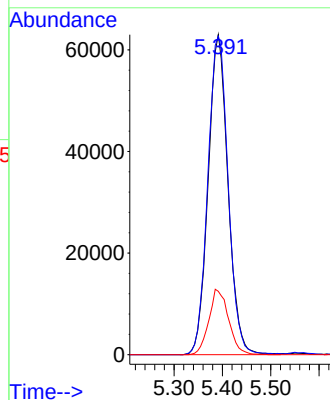
#35
 Dibromofluoromethane
 Concen: 50.641 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX027680.D
 Acq: 23 Mar 2022 20:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 113 Resp: 179602

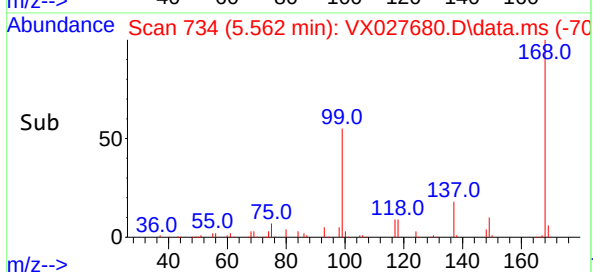
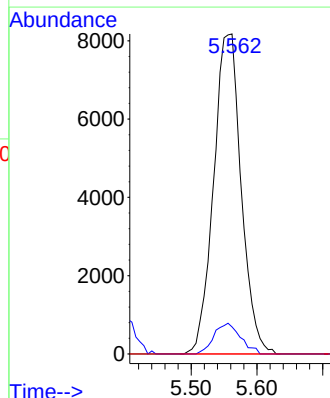
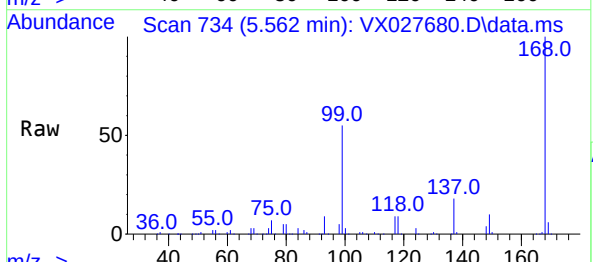
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.8	124.2
192	20.3	16.9	25.3

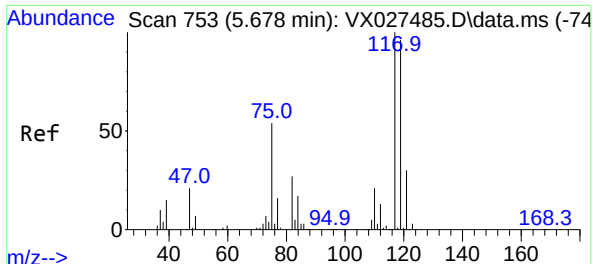


#36
 1,1-Dichloropropene
 Concen: 4.929 ug/l
 RT: 5.562 min Scan# 734
 Delta R.T. -0.134 min
 Lab File: VX027680.D
 Acq: 23 Mar 2022 20:32

Tgt Ion: 75 Resp: 23889

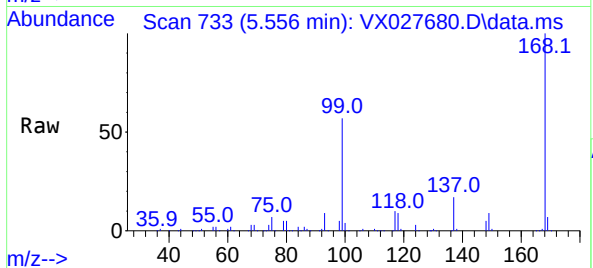
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.3	54.8#
77	0.0	24.8	37.2#



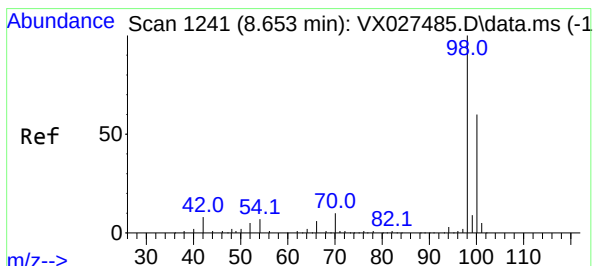
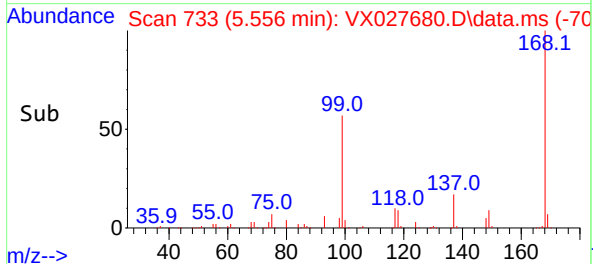
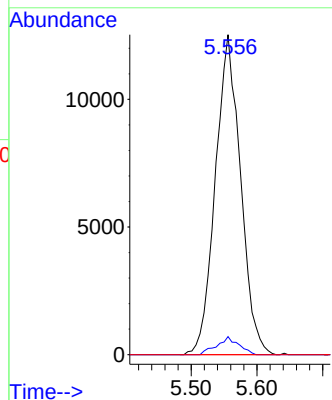


#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.122 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Instrument :
MSVOA_X
ClientSampleId :

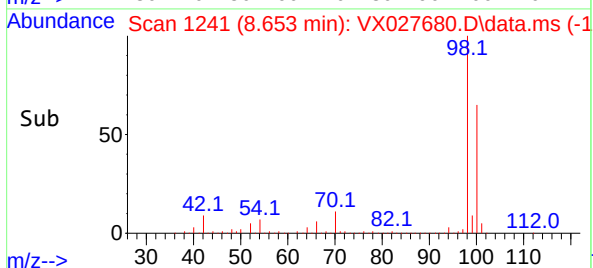
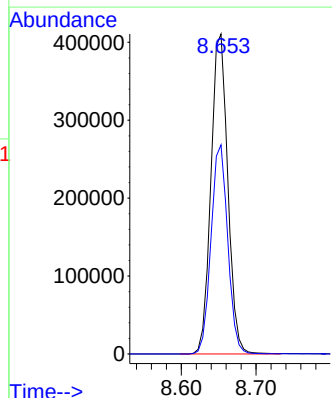
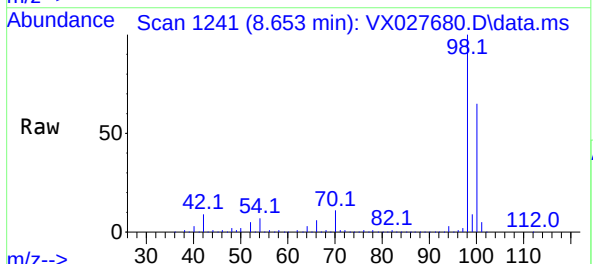


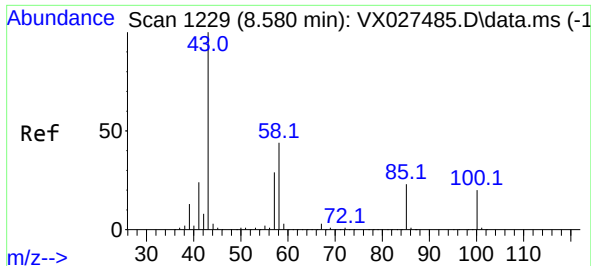
Tgt Ion:117 Resp: 33413
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.976 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Tgt Ion: 98 Resp: 643866
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.484 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

Instrument :

MSVOA_X

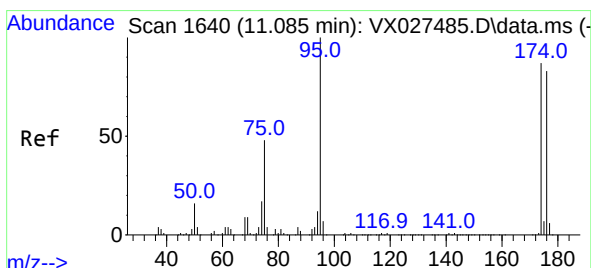
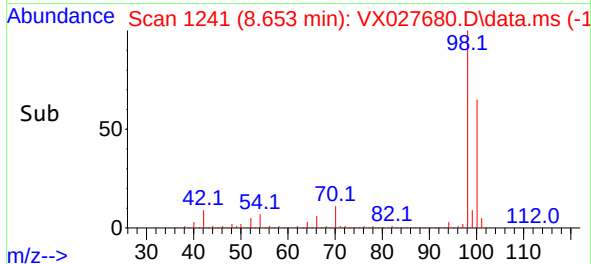
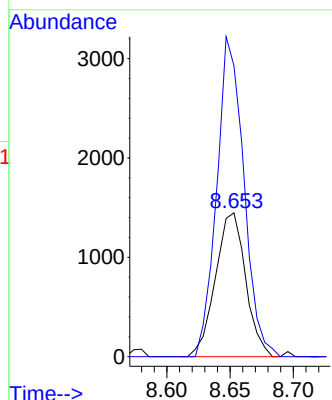
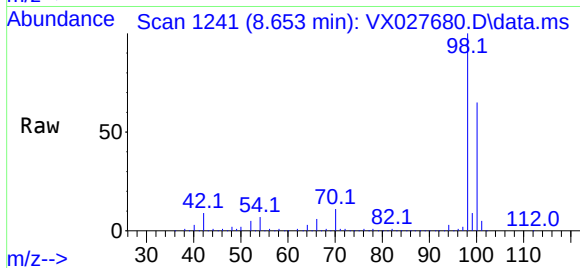
ClientSampleId :

Tgt Ion: 43 Resp: 2400

Ion Ratio Lower Upper

43 100

58 199.3 36.1 54.1#



#62

4-Bromofluorobenzene

Concen: 46.769 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX027680.D

Acq: 23 Mar 2022 20:32

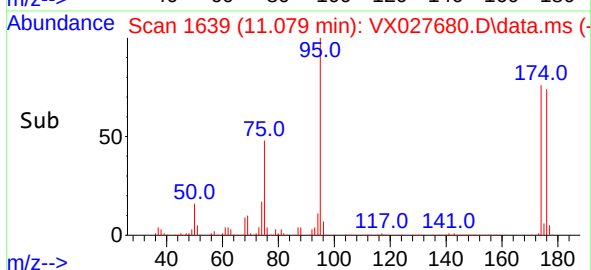
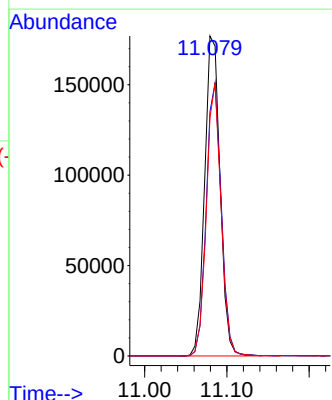
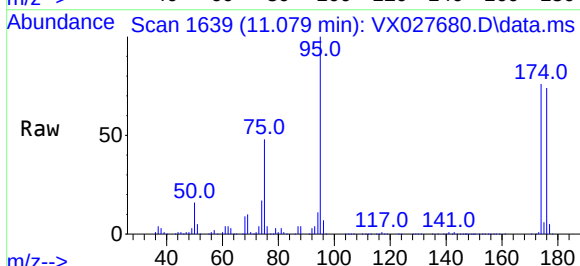
Tgt Ion: 95 Resp: 230700

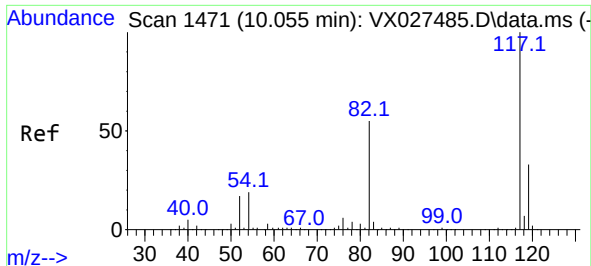
Ion Ratio Lower Upper

95 100

174 83.7 0.0 163.0

176 81.3 0.0 155.0

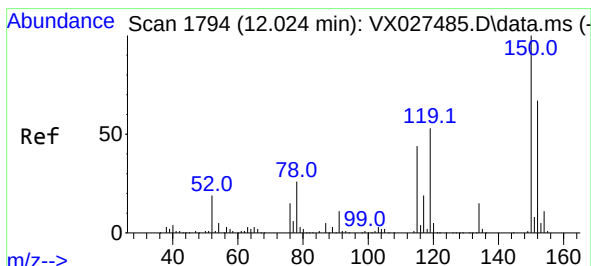
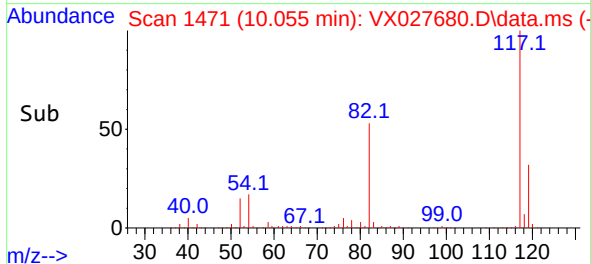
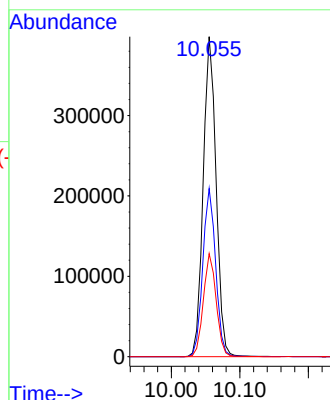
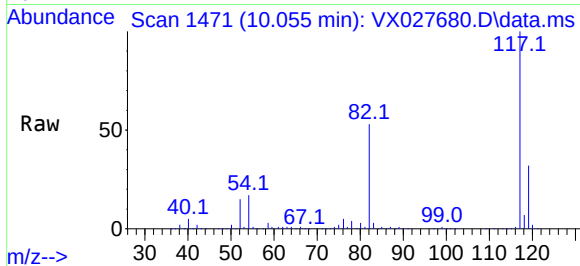




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

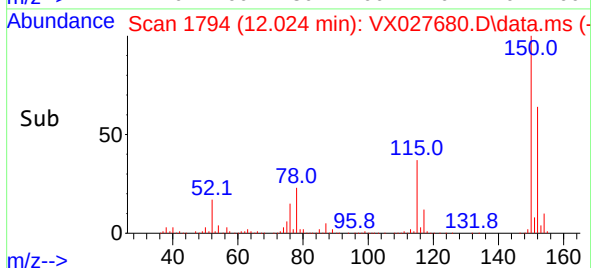
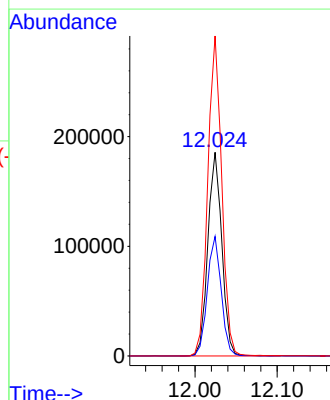
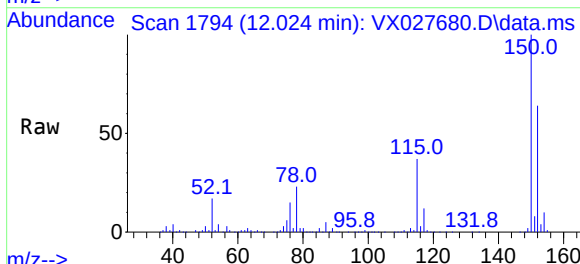
Instrument :
MSVOA_X
ClientSampleId :

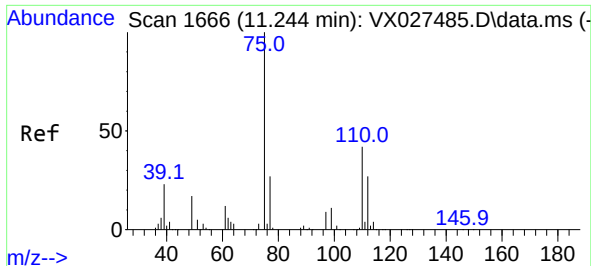
Tgt Ion:117 Resp: 522719
Ion Ratio Lower Upper
117 100
82 52.6 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Tgt Ion:152 Resp: 219213
Ion Ratio Lower Upper
152 100
115 58.5 37.5 112.7
150 156.8 0.0 338.2

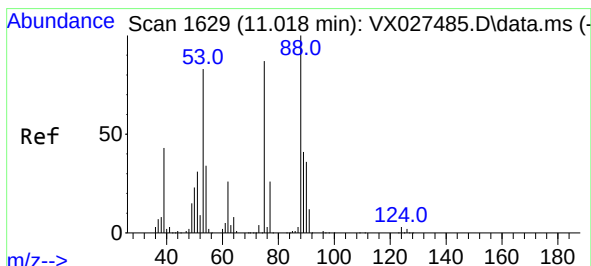
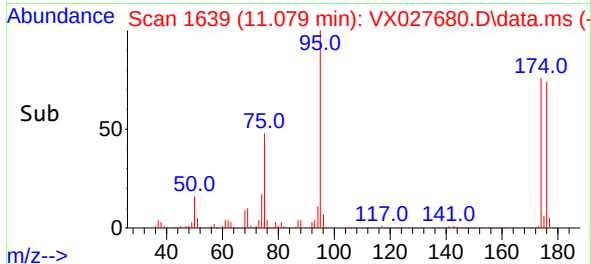
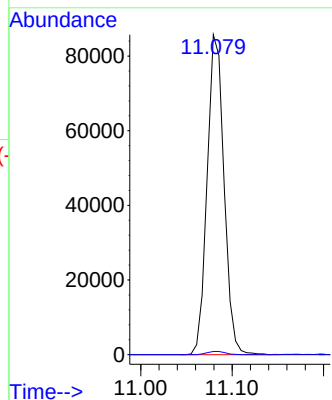
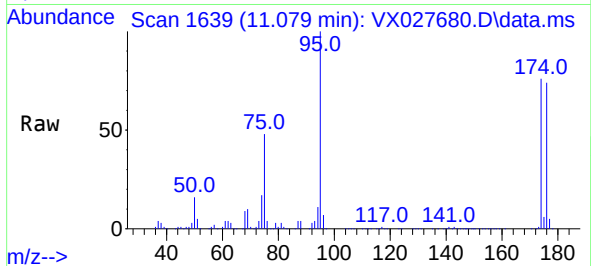




#76
1,2,3-Trichloropropane
Concen: 23.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 109717
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.672 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027680.D
Acq: 23 Mar 2022 20:32

Tgt Ion: 75 Resp: 109717
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

