

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027676.D
 Acq On : 23 Mar 2022 18:58
 Operator : JC/MD
 Sample : N2028-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 24 04:36:37 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)

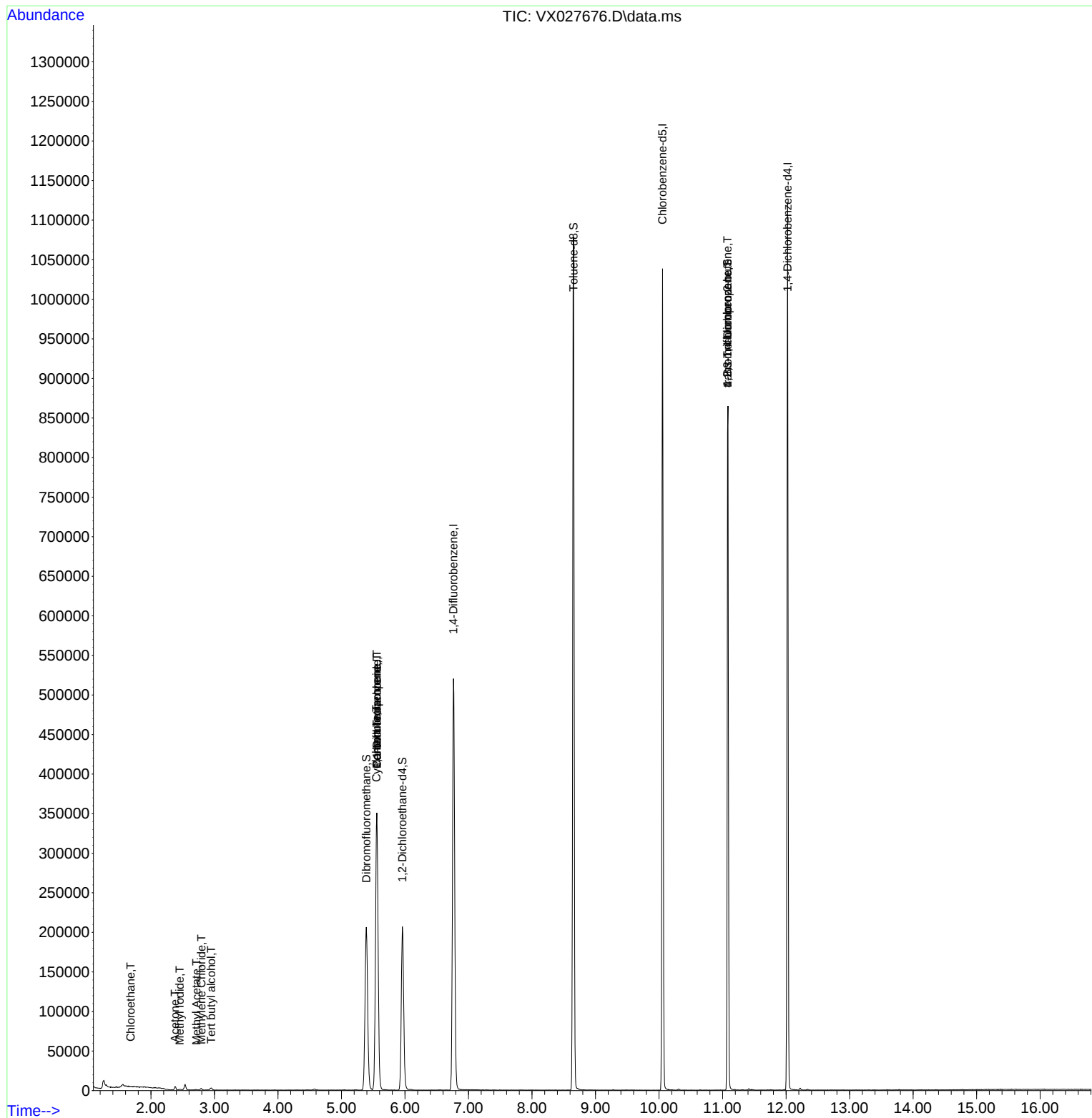
Internal Standards						
1) Pentafluorobenzene	5.556	168	344759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	559206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	201865	47.530	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.060%		
35) Dibromofluoromethane	5.391	113	181855	50.546	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.100%		
50) Toluene-d8	8.653	98	680596	49.990	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.980%		
62) 4-Bromofluorobenzene	11.079	95	238837	47.728	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.575	94	60	Below Cal	#	3
6) Chloroethane	1.678	64	485	0.233	ug/l #	43
10) Methyl Iodide	2.453	142	896	0.203	ug/l #	80
11) Tert butyl alcohol	2.947	59	1762	2.177	ug/l #	72
16) Acetone	2.380	43	4628	2.673	ug/l	94
18) Methyl Acetate	2.715	43	863	0.208	ug/l	100
20) Methylene Chloride	2.794	84	952	0.256	ug/l #	83
31) Cyclohexane	5.550	56	5897	1.118	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	24201	4.922	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34203	6.081	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	112185	22.784	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	112185	69.194	ug/l #	15

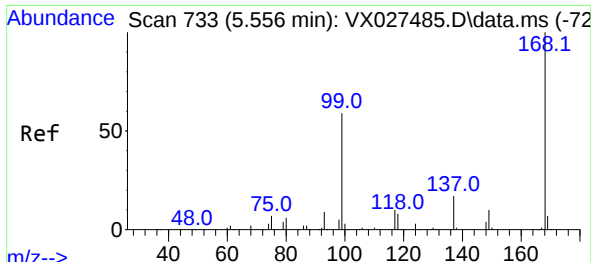
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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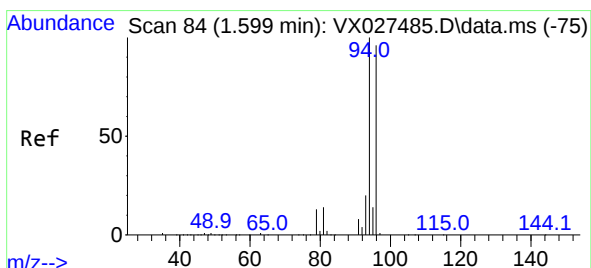
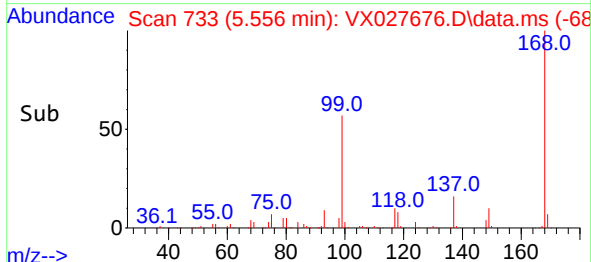
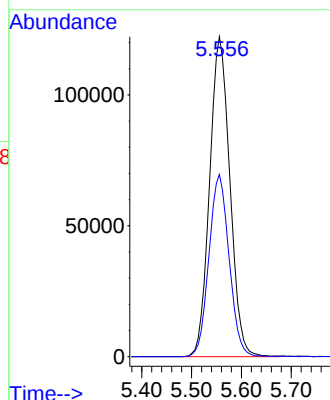
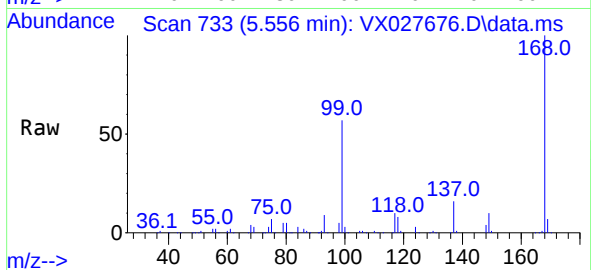




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

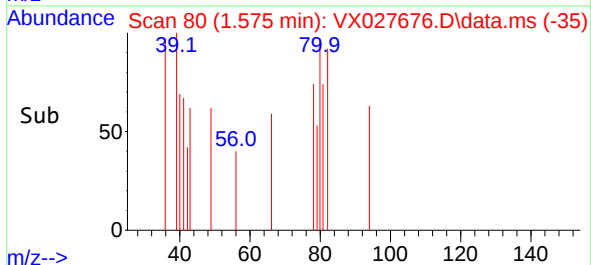
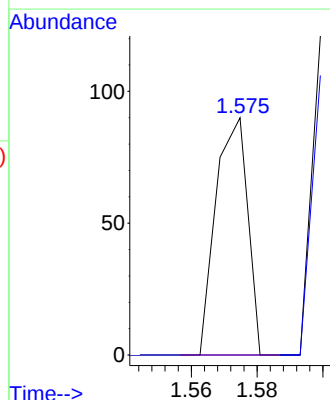
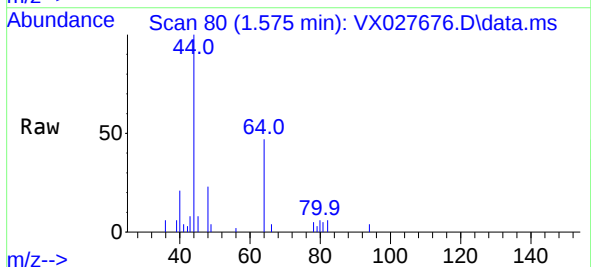
Instrument :
MSVOA_X
ClientSampleId :

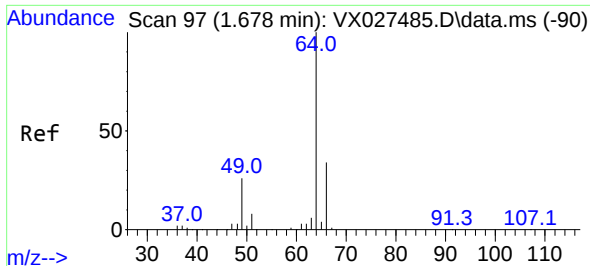
Tgt Ion:168 Resp: 344759
Ion Ratio Lower Upper
168 100
99 57.0 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.575 min Scan# 80
Delta R.T. -0.024 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Tgt Ion: 94 Resp: 60
Ion Ratio Lower Upper
94 100
96 0.0 75.3 112.9#

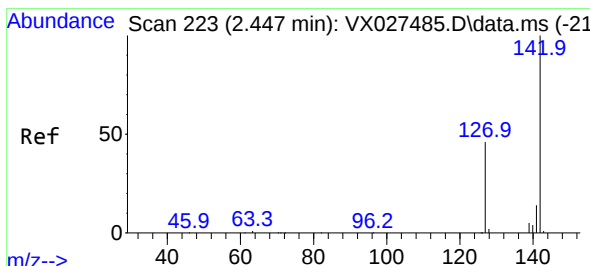
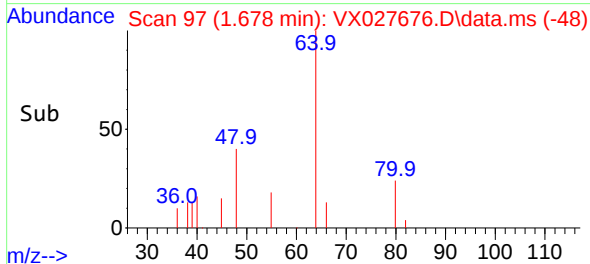
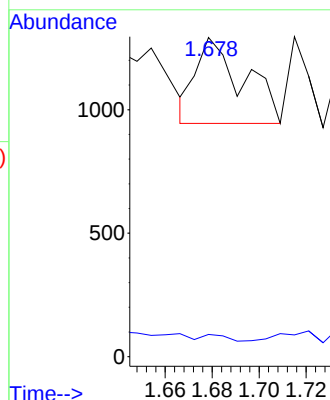
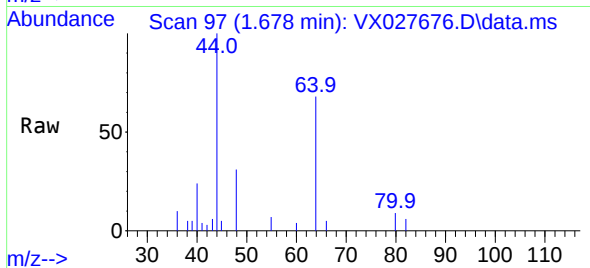




#6
Chloroethane
Concen: 0.233 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

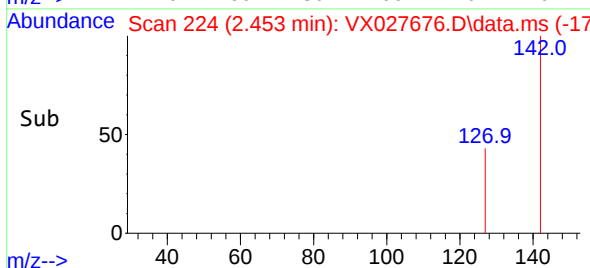
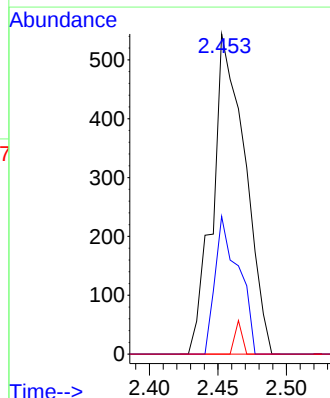
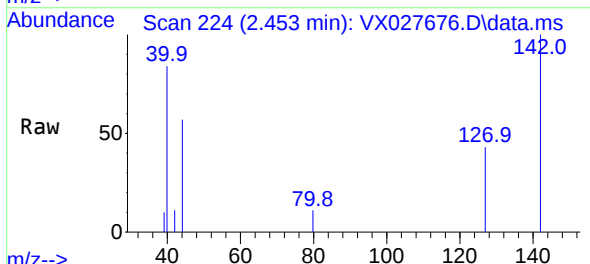
Instrument :
MSVOA_X
ClientSampleId :

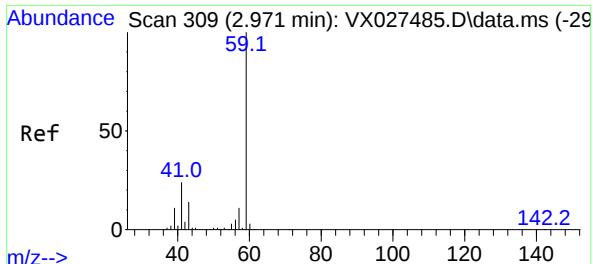
Tgt Ion: 64 Resp: 485
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.203 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Tgt Ion: 142 Resp: 896
Ion Ratio Lower Upper
142 100
127 31.4 33.9 50.9#
141 2.3 11.4 17.2#





#11

Tert butyl alcohol

Concen: 2.177 ug/l

RT: 2.947 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX027676.D

Acq: 23 Mar 2022 18:58

Instrument :

MSVOA_X

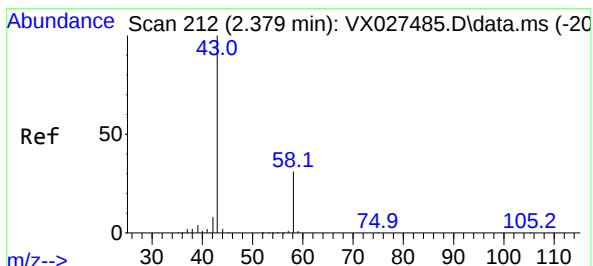
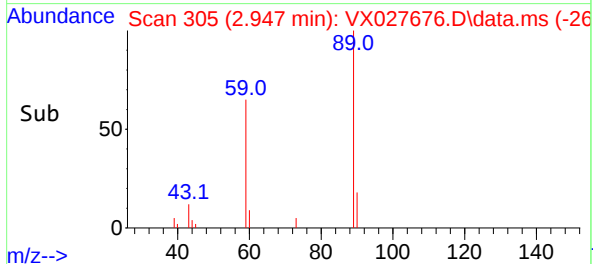
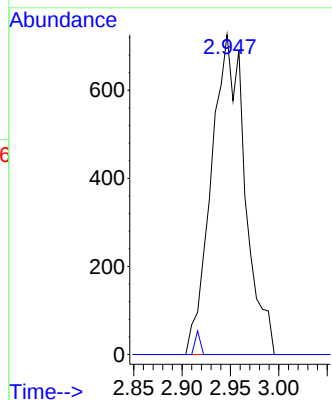
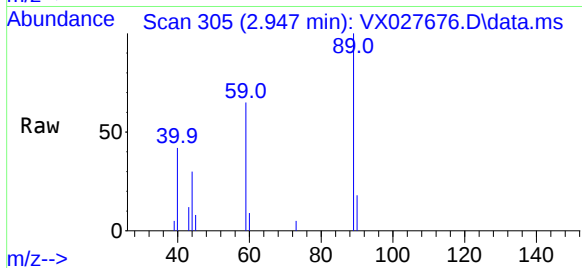
ClientSampleId :

Tgt Ion: 59 Resp: 1762

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#16

Acetone

Concen: 2.673 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX027676.D

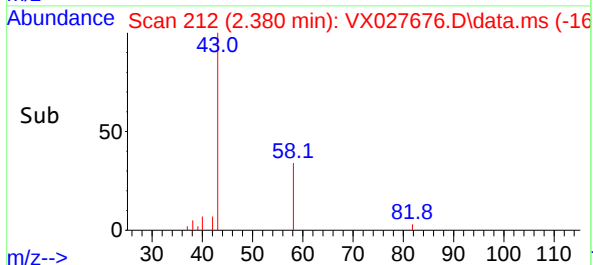
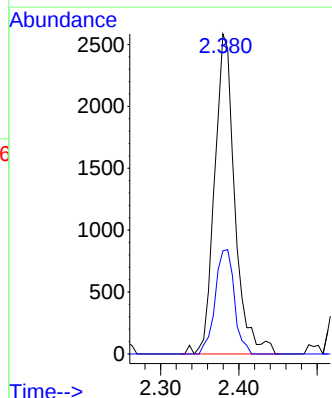
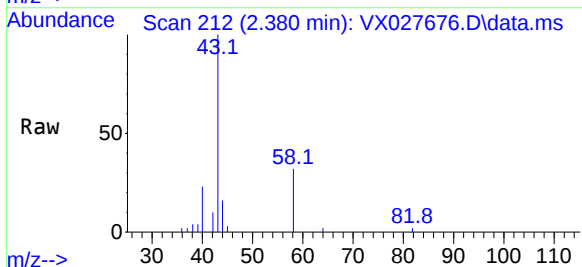
Acq: 23 Mar 2022 18:58

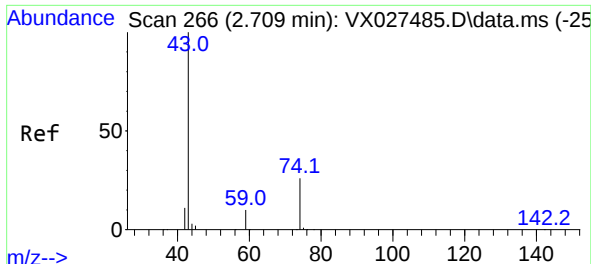
Tgt Ion: 43 Resp: 4628

Ion Ratio Lower Upper

43 100

58 32.2 28.8 43.2

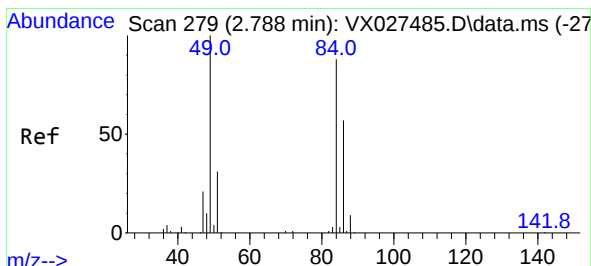
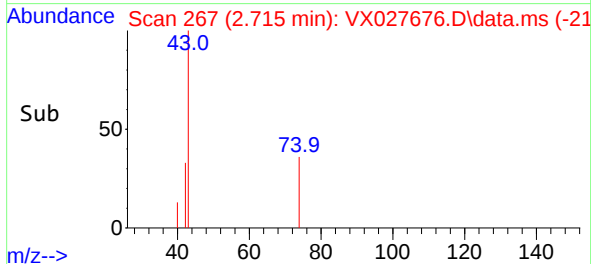
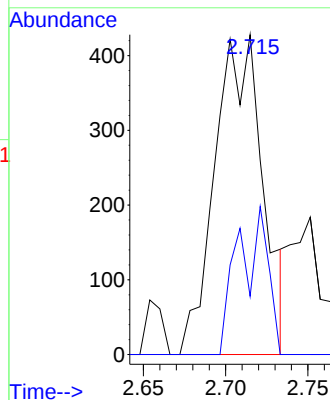
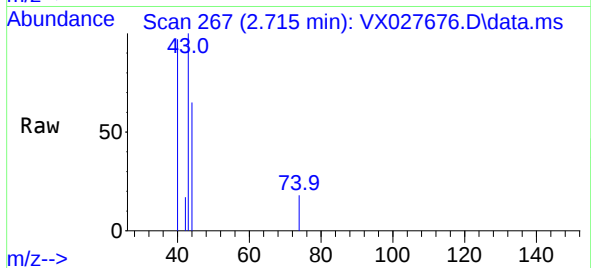




#18
Methyl Acetate
Concen: 0.208 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

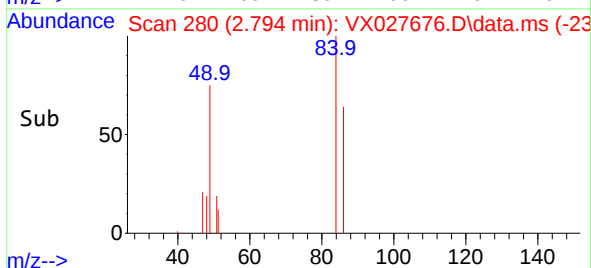
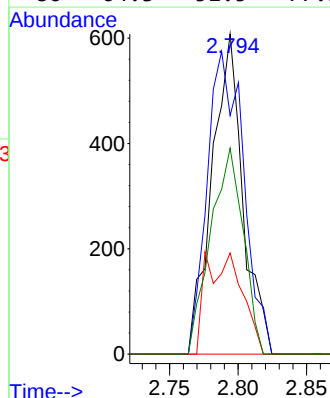
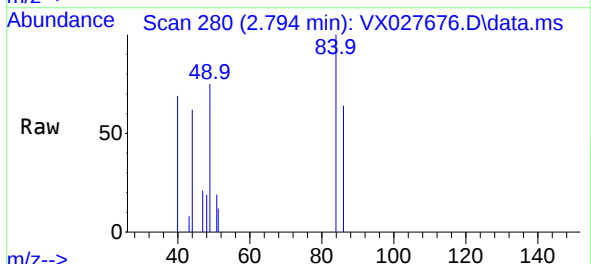
Instrument :
MSVOA_X
ClientSampleId :

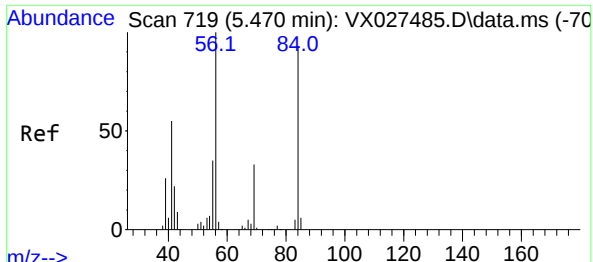
Tgt Ion: 43 Resp: 863
Ion Ratio Lower Upper
43 100
74 28.5 22.8 34.2



#20
Methylene Chloride
Concen: 0.256 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

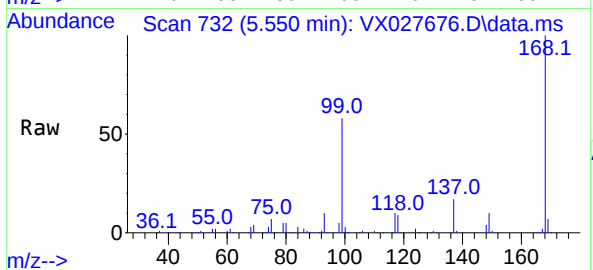
Tgt Ion: 84 Resp: 952
Ion Ratio Lower Upper
84 100
49 74.5 85.5 128.3#
51 31.6 26.6 39.8
86 64.3 51.5 77.3



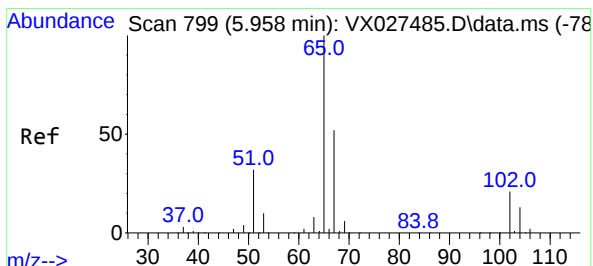
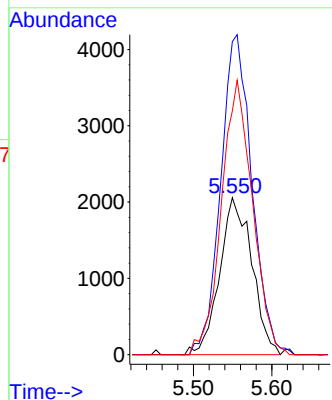
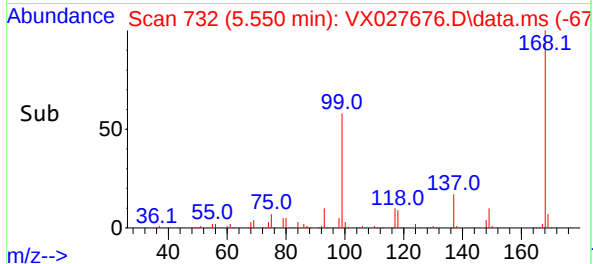


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

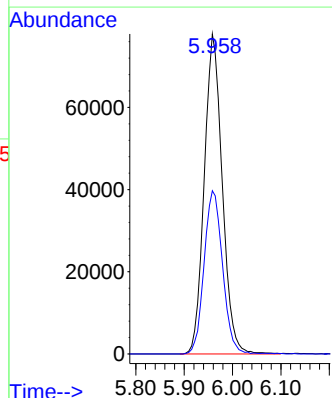
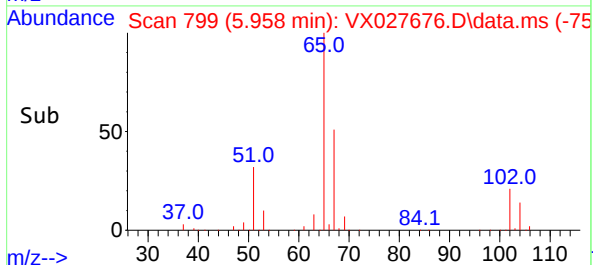
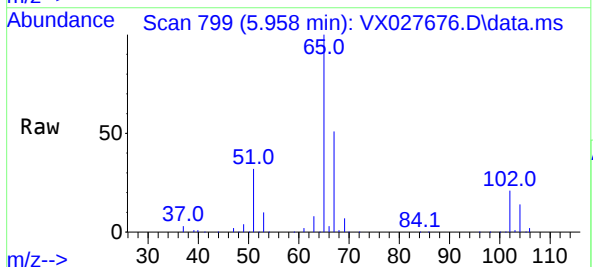


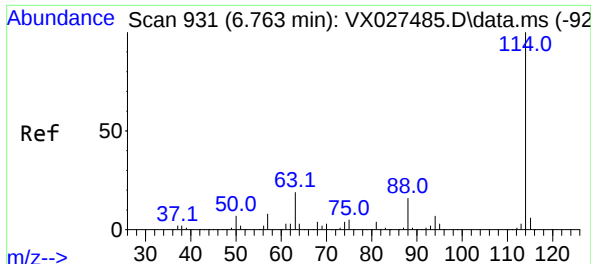
Tgt Ion: 56 Resp: 5897
Ion Ratio Lower Upper
56 100
69 199.5 26.7 40.1#
84 155.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 47.530 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Tgt Ion: 65 Resp: 201865
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

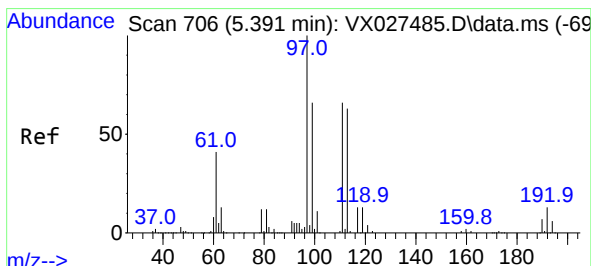
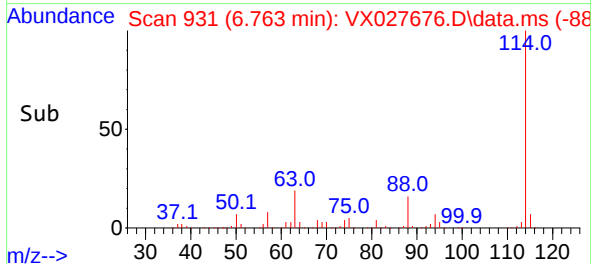
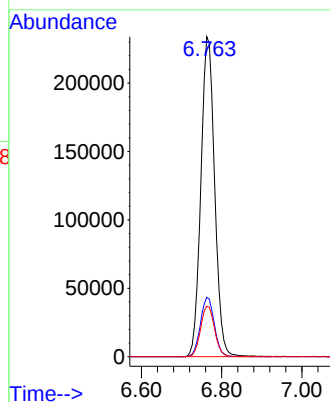
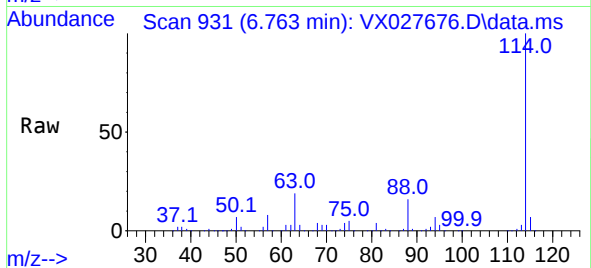




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

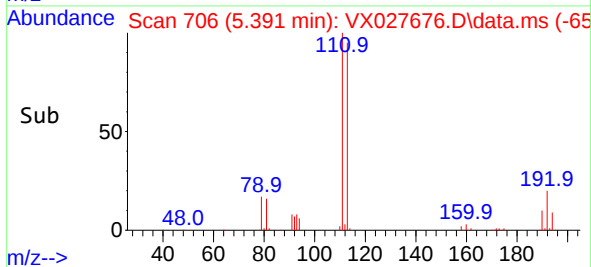
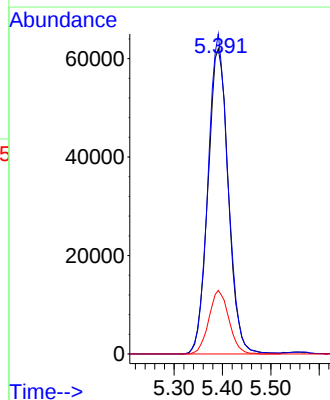
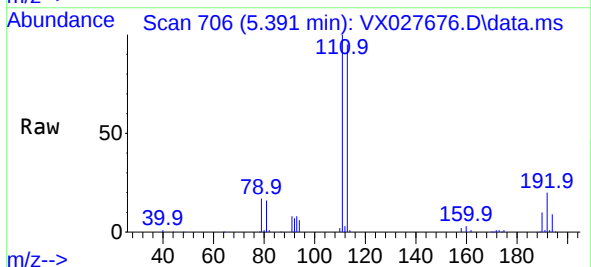
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MSVOA_X
ClientSampleId :

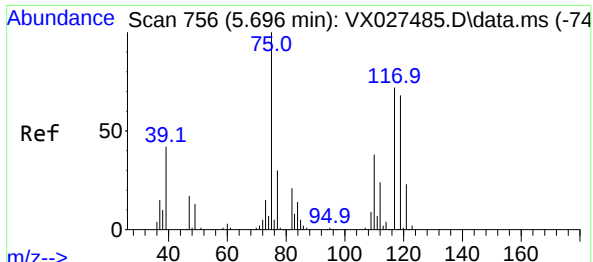
Tgt Ion:114 Resp: 559206
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.546 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

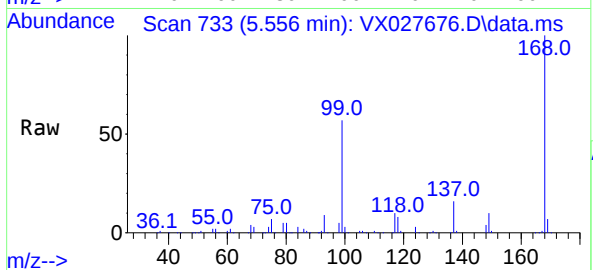
Tgt Ion:113 Resp: 181855
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 20.4 16.9 25.3



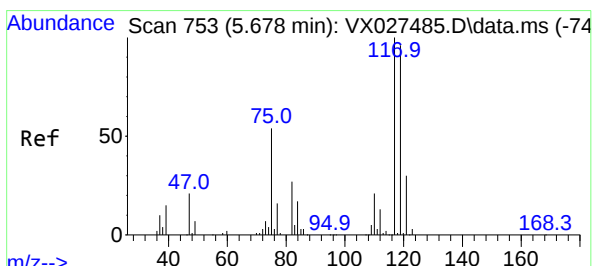
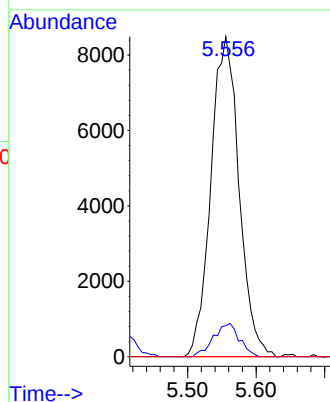
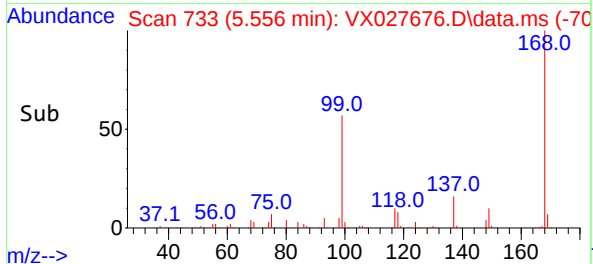


#36
1,1-Dichloropropene
Concen: 4.922 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

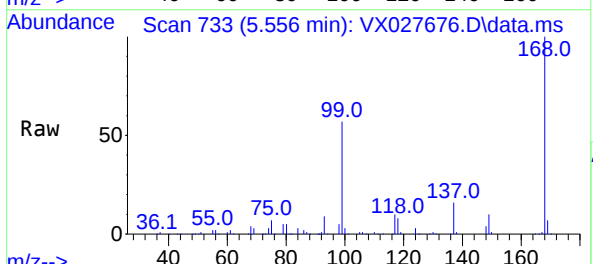
Instrument :
MSVOA_X
ClientSampleId :



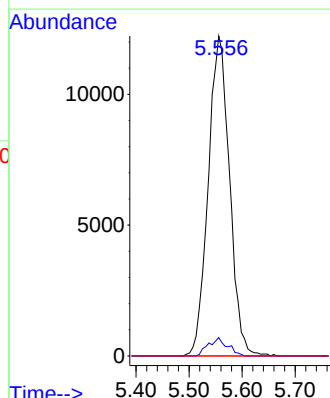
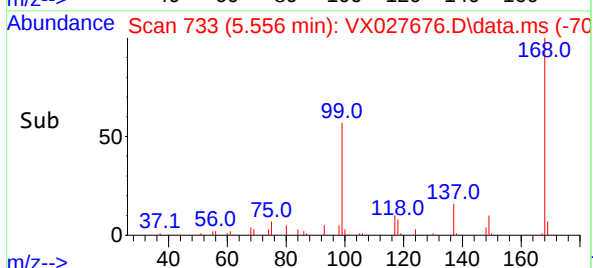
Tgt Ion: 75 Resp: 24201
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#

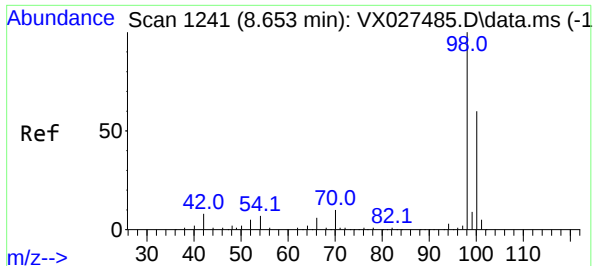


#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58



Tgt Ion: 117 Resp: 34203
Ion Ratio Lower Upper
117 100
119 5.8 77.3 115.9#
121 0.0 24.2 36.2#

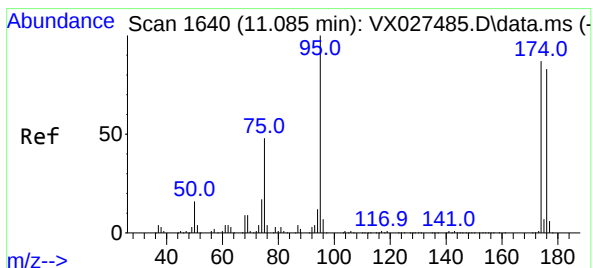
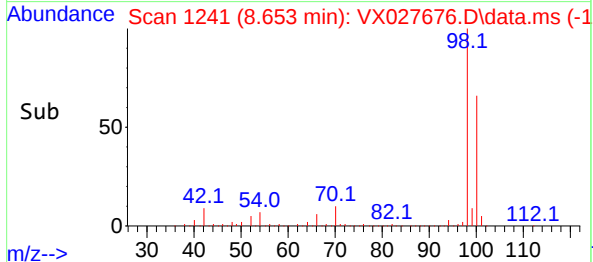
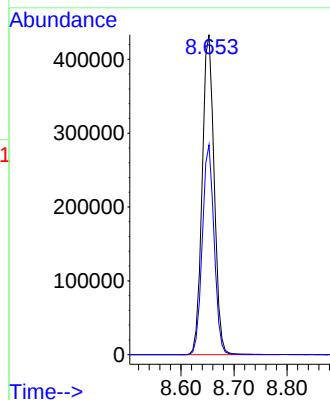
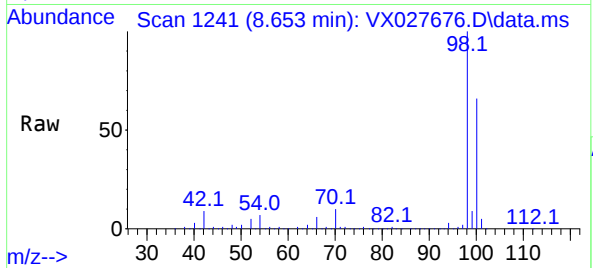




#50
Toluene-d8
Concen: 49.990 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

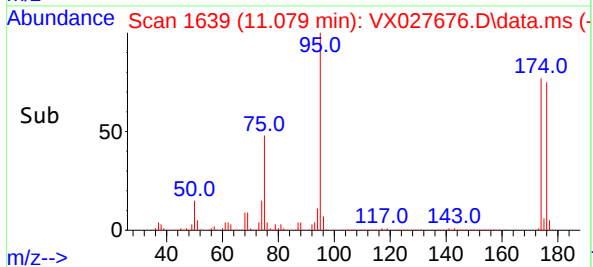
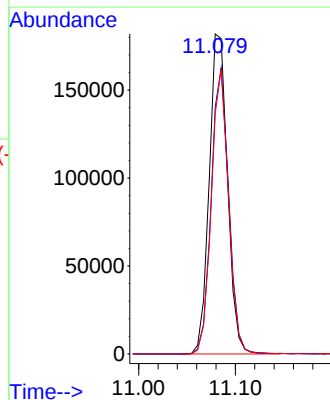
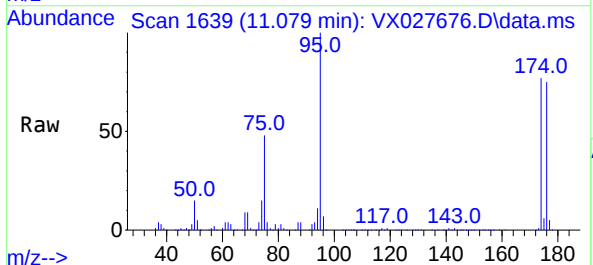
Instrument :
MSVOA_X
ClientSampleId :

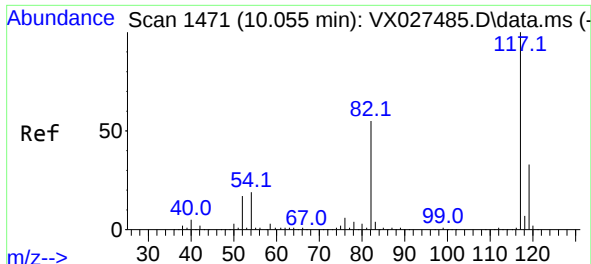
Tgt Ion: 98 Resp: 680596
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

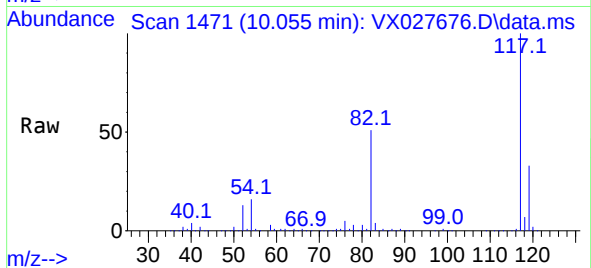
Tgt Ion: 95 Resp: 238837
Ion Ratio Lower Upper
95 100
174 85.5 0.0 163.0
176 83.7 0.0 155.0



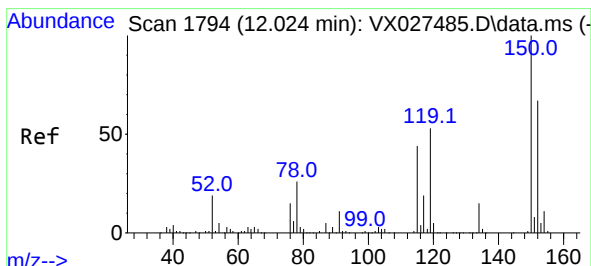
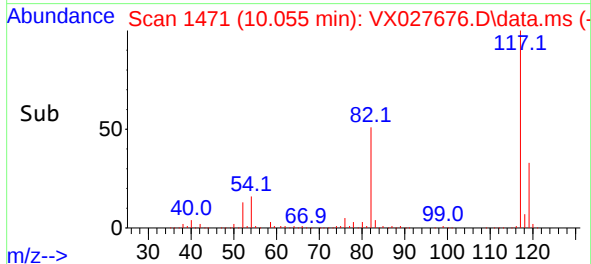
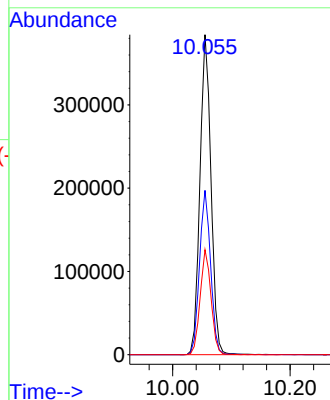


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

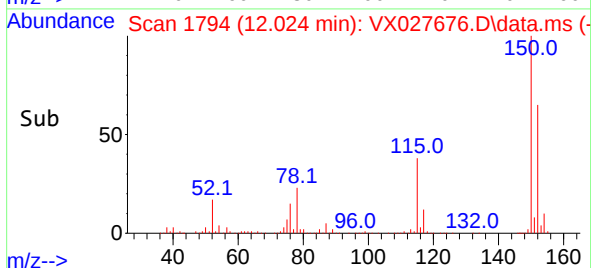
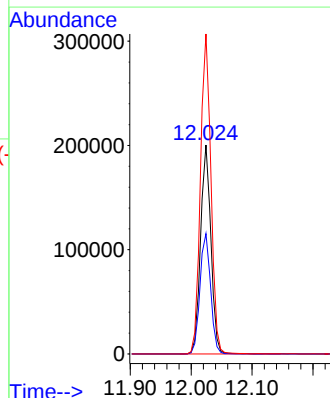
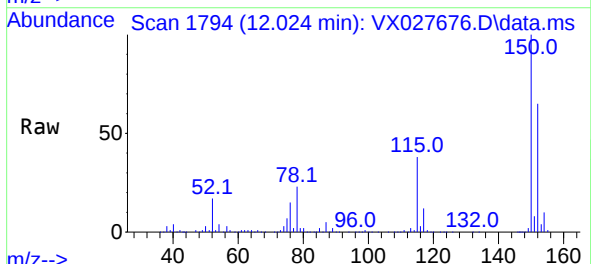


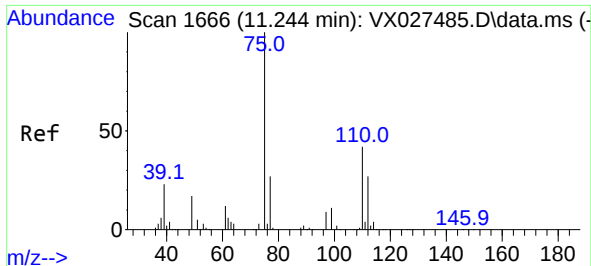
Tgt Ion:117 Resp: 502185
Ion Ratio Lower Upper
117 100
82 51.3 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Tgt Ion:152 Resp: 235408
Ion Ratio Lower Upper
152 100
115 59.3 37.5 112.7
150 155.7 0.0 338.2

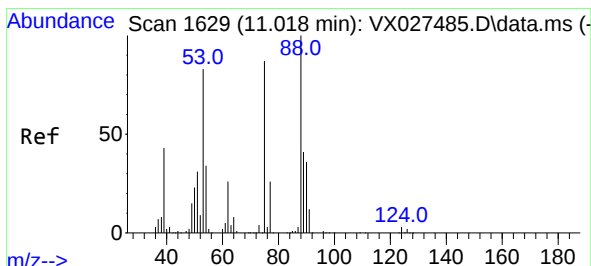
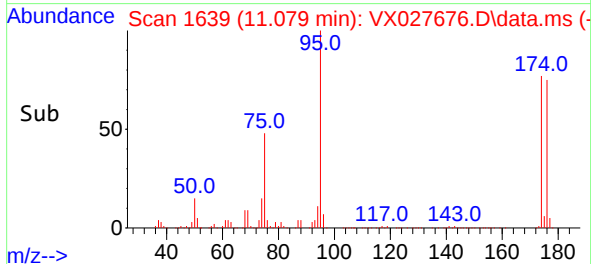
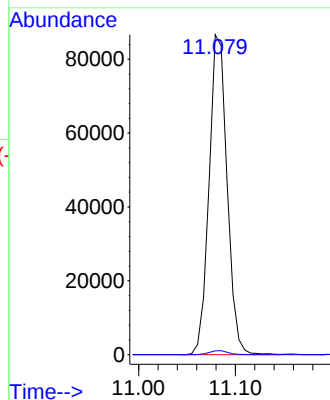
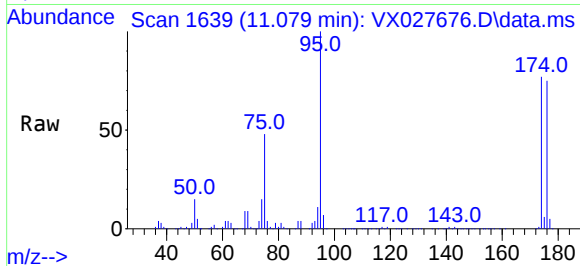




#76
1,2,3-Trichloropropane
Concen: 22.784 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 112185
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027676.D
Acq: 23 Mar 2022 18:58

Tgt Ion: 75 Resp: 112185
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

