

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028843.D
 Acq On : 20 May 2022 11:42
 Operator : JC/MD
 Sample : VX0520WBL01
 Misc : 5.00mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0520WBL01

Quant Time: May 20 23:26:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

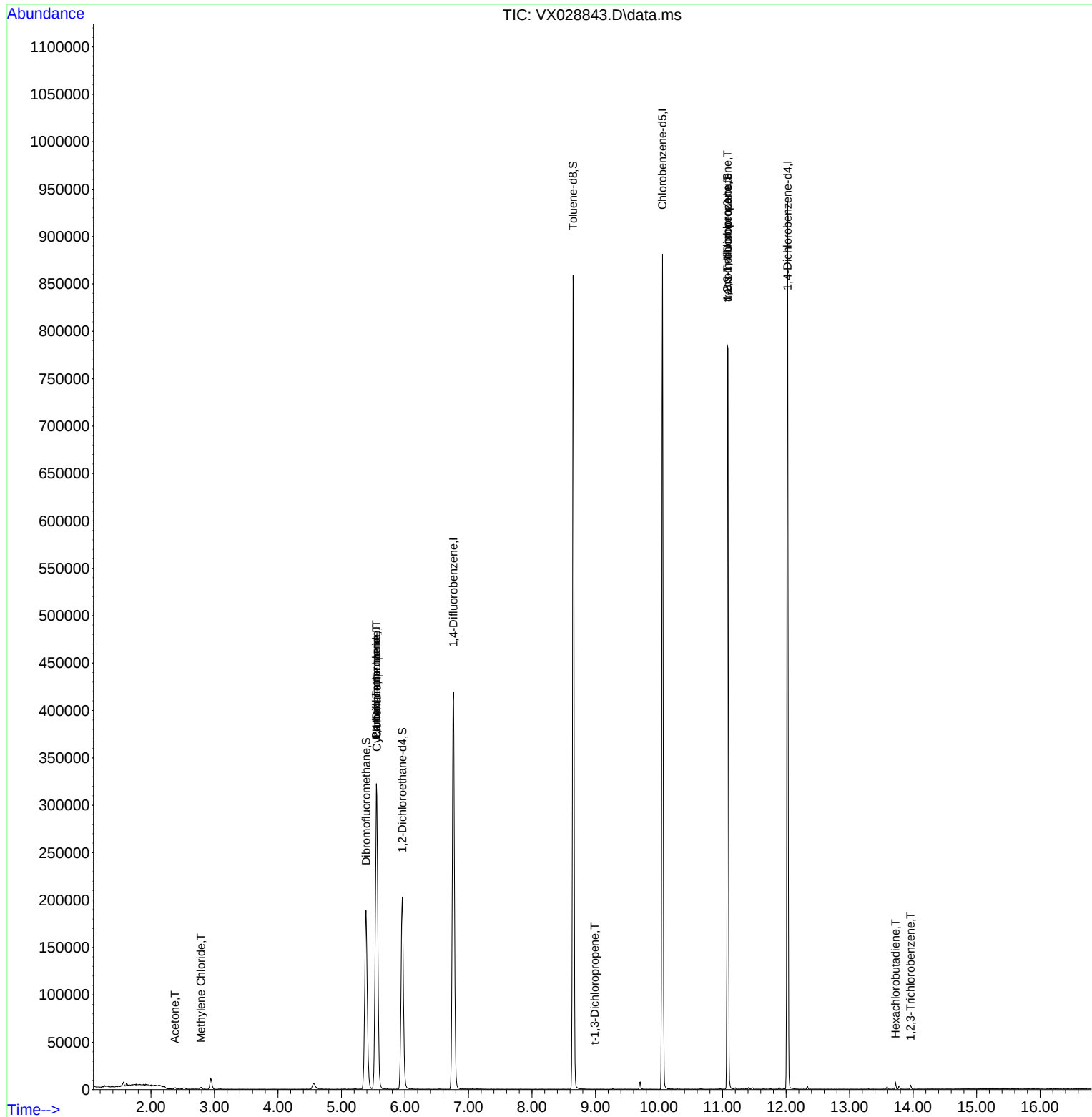
Internal Standards						
1) Pentafluorobenzene	5.550	168	282652	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	431925	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	384824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186830	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198696	51.283	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.560%	
35) Dibromofluoromethane	5.385	113	158344	55.954	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.900%	
50) Toluene-d8	8.647	98	508757	47.684	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	11.079	95	210322	52.778	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.560%	
Target Compounds						
						Qvalue
5) Bromomethane	1.611	94	1020	Below Cal		91
6) Chloroethane	1.660	64	849	Below Cal	#	82
11) Tert butyl alcohol	2.940	59	6367	Below Cal	#	74
16) Acetone	2.380	43	1589	0.956	ug/l #	83
20) Methylene Chloride	2.788	84	1041	0.298	ug/l	86
31) Cyclohexane	5.556	56	6512	1.211	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	23700	5.576	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29914	6.993	ug/l #	16
53) t-1,3-Dichloropropene	8.988	75	29	1.646	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	113467	25.933	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	113467	75.246	ug/l #	15
94) Hexachlorobutadiene	13.725	225	798	0.527	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1140	0.304	ug/l	98

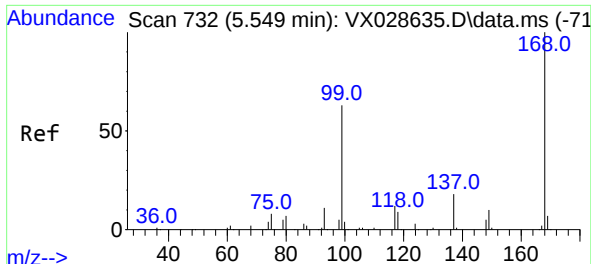
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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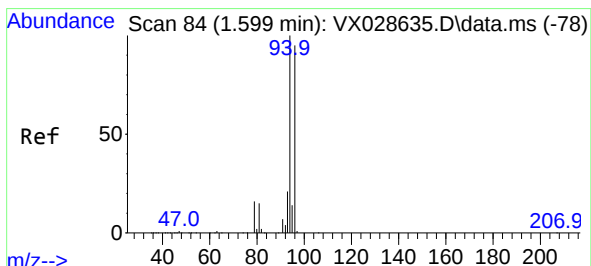
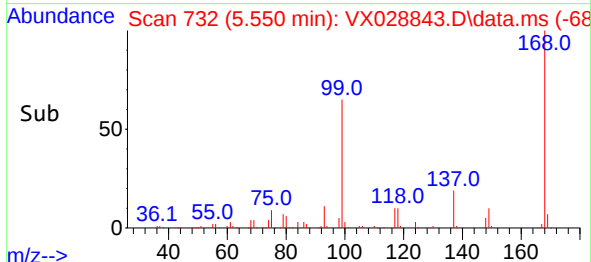
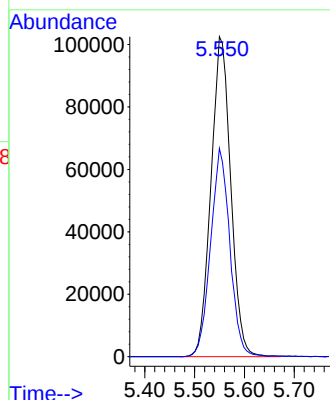
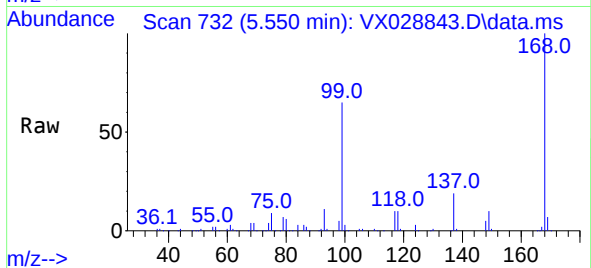




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

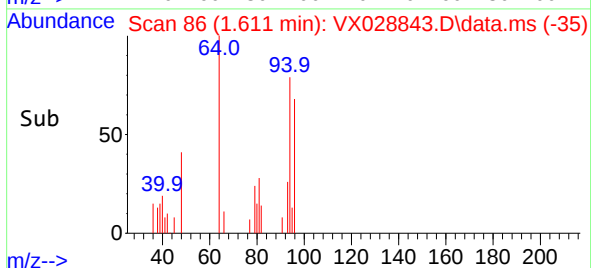
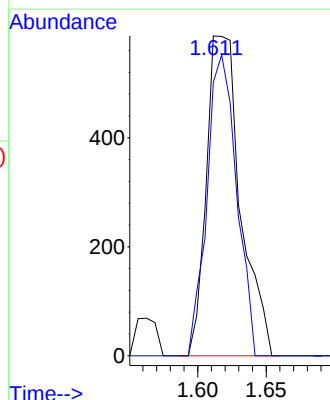
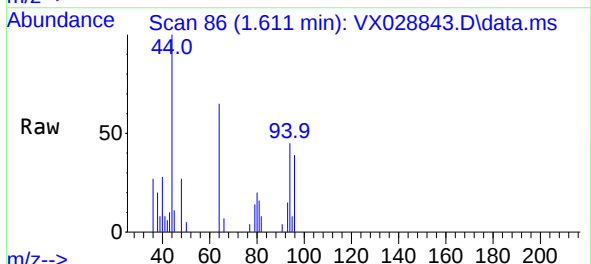
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

Tgt Ion:168 Resp: 282652
Ion Ratio Lower Upper
168 100
99 65.1 41.7 62.5#

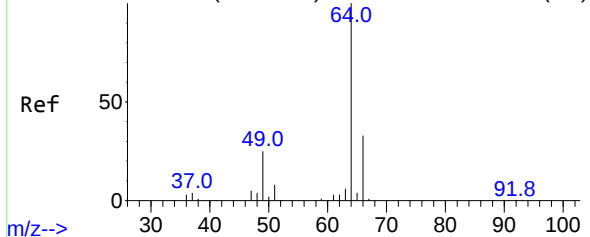


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 94 Resp: 1020
Ion Ratio Lower Upper
94 100
96 85.5 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

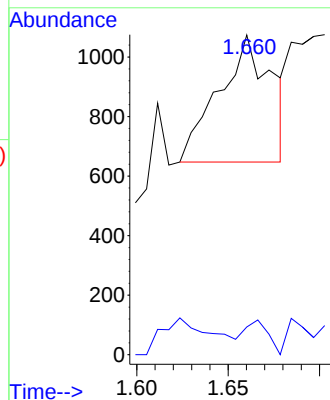
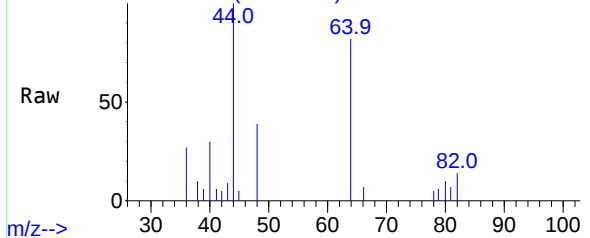


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

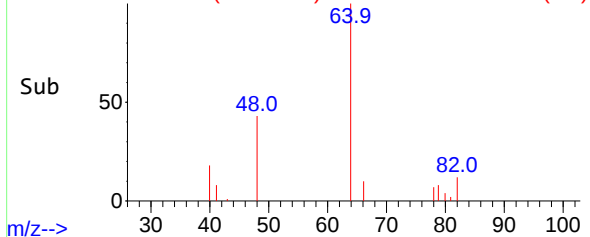
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

Tgt Ion: 64 Resp: 849
Ion Ratio Lower Upper
64 100
66 21.8 25.3 37.9#

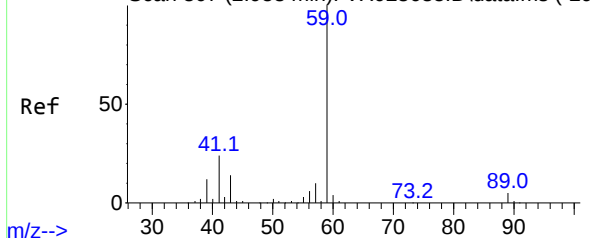
Abundance Scan 94 (1.660 min): VX028843.D\data.ms



Abundance Scan 94 (1.660 min): VX028843.D\data.ms (-48)



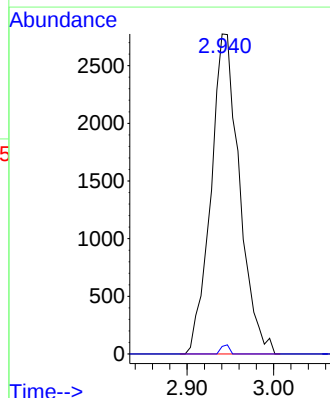
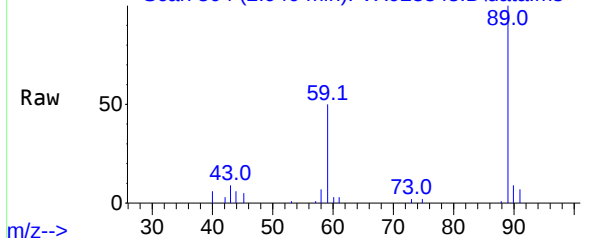
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



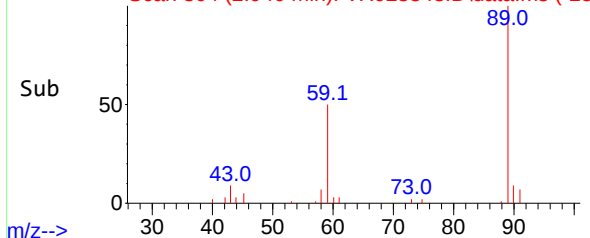
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

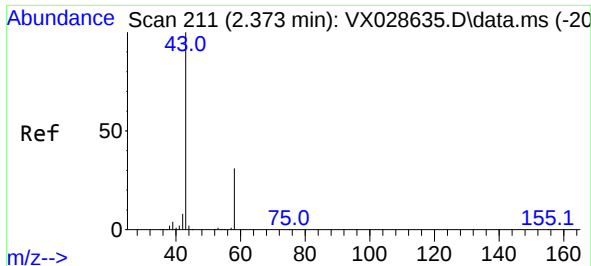
Tgt Ion: 59 Resp: 6367
Ion Ratio Lower Upper
59 100
57 0.8 8.3 12.5#

Abundance Scan 304 (2.940 min): VX028843.D\data.ms



Abundance Scan 304 (2.940 min): VX028843.D\data.ms (-25)

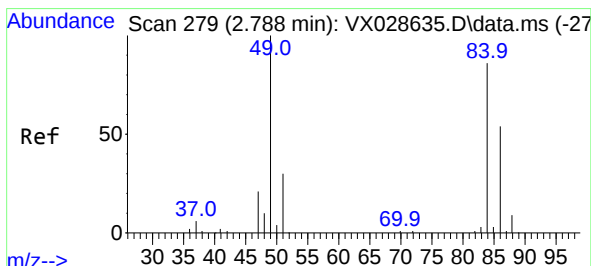
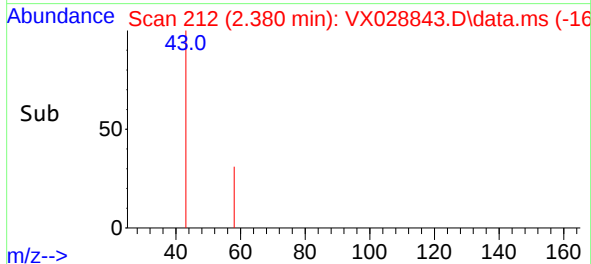
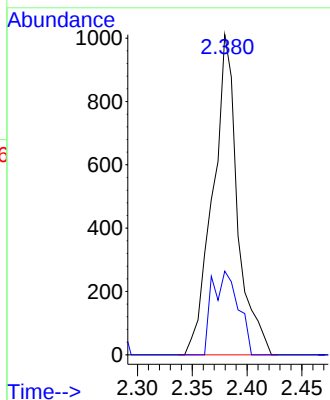
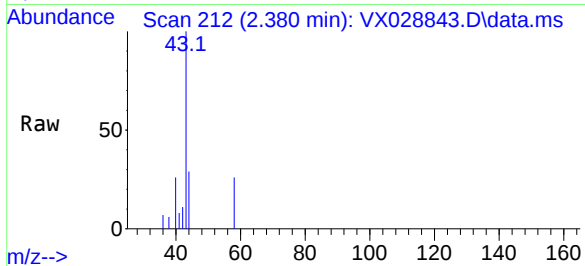




#16
Acetone
Concen: 0.956 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

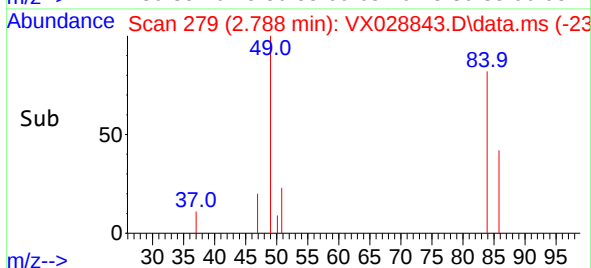
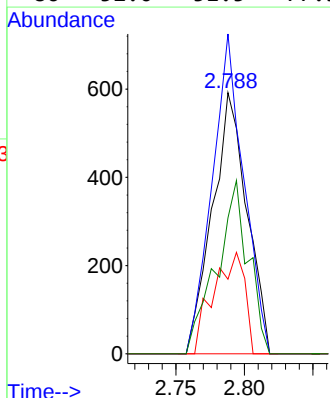
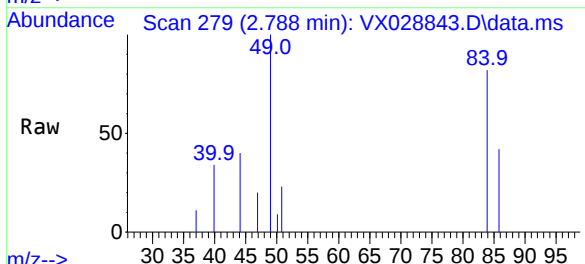
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

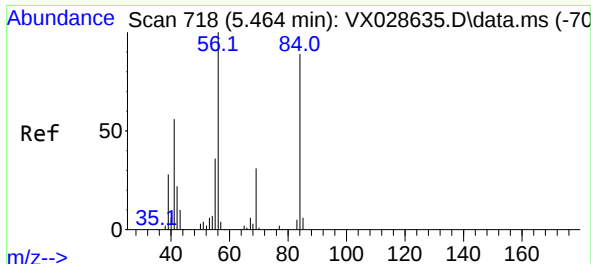
Tgt Ion: 43 Resp: 1589
Ion Ratio Lower Upper
43 100
58 26.1 28.8 43.2#



#20
Methylene Chloride
Concen: 0.298 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 84 Resp: 1041
Ion Ratio Lower Upper
84 100
49 122.5 85.5 128.3
51 28.5 26.6 39.8
86 52.0 51.5 77.3

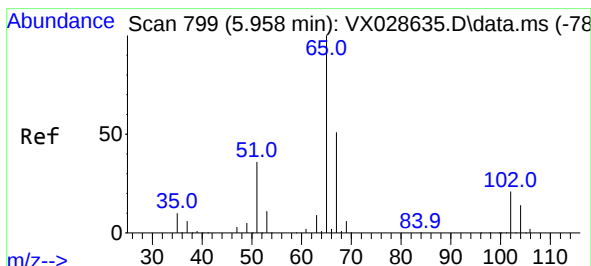
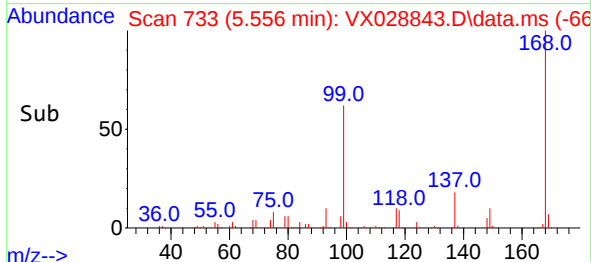
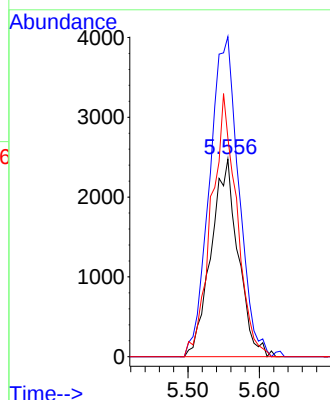
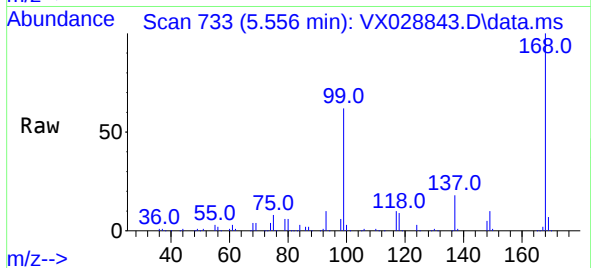




#31
Cyclohexane
Concen: 1.211 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

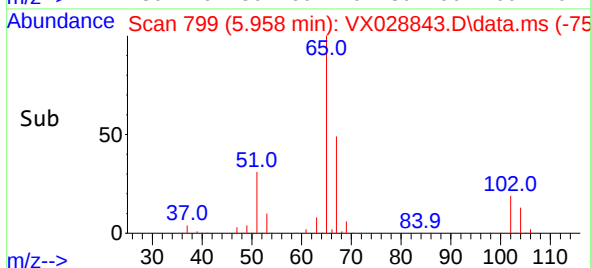
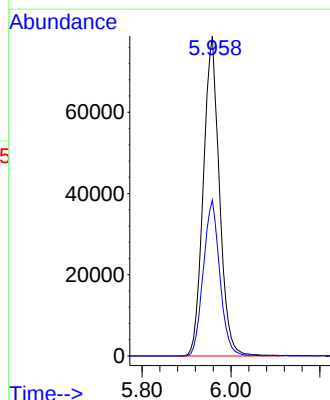
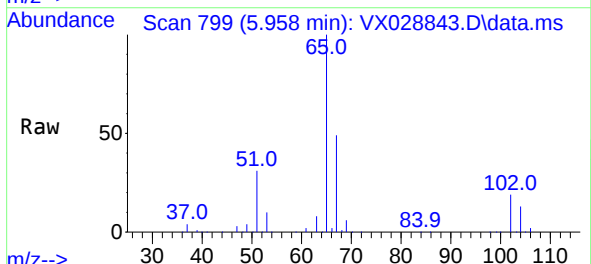
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

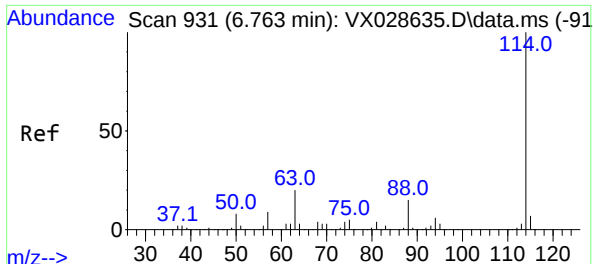
Tgt Ion: 56 Resp: 6512
Ion Ratio Lower Upper
56 100
69 161.9 26.7 40.1#
84 110.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.283 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 65 Resp: 198696
Ion Ratio Lower Upper
65 100
67 49.9 0.0 107.4

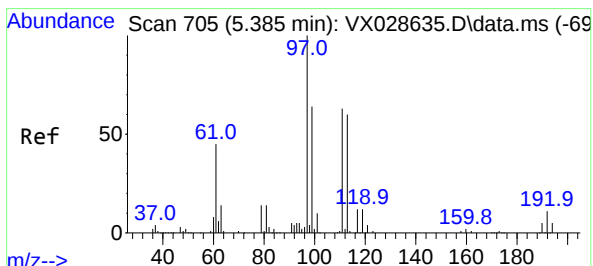
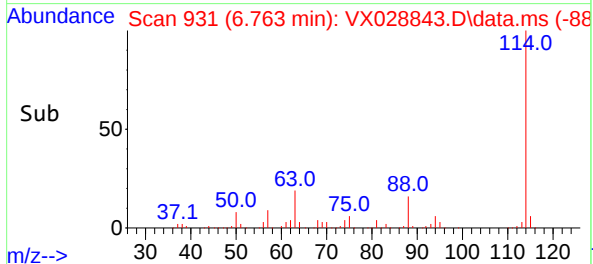
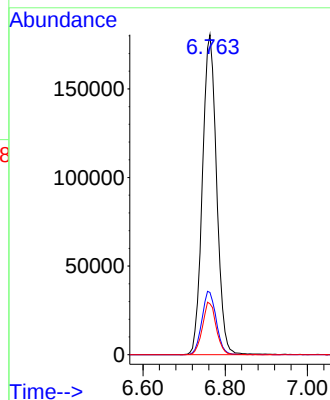
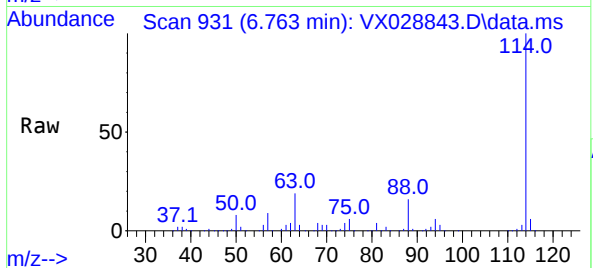




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

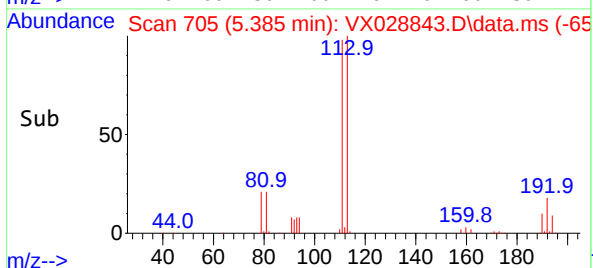
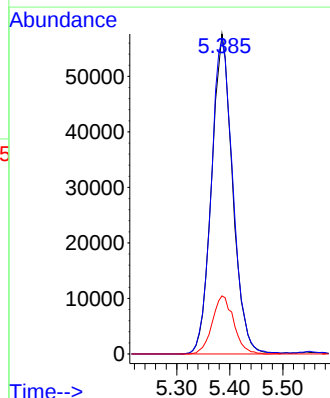
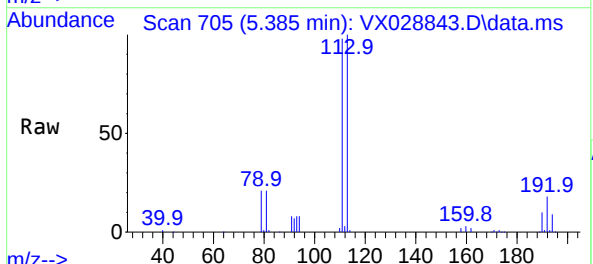
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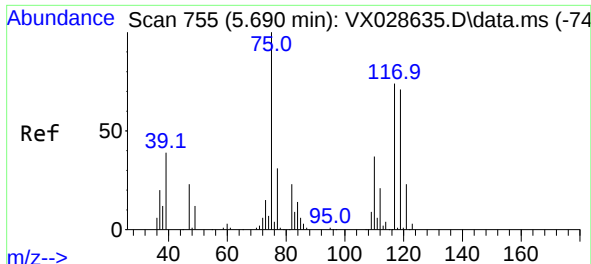
Tgt Ion:114 Resp: 431925
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 55.954 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion:113 Resp: 158344
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 18.5 16.9 25.3

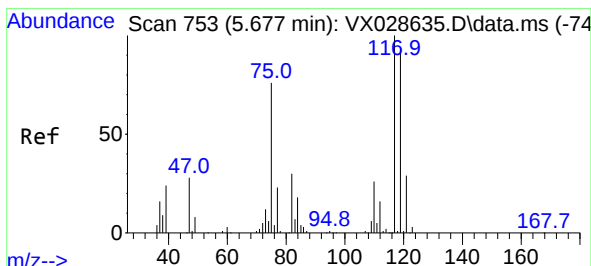
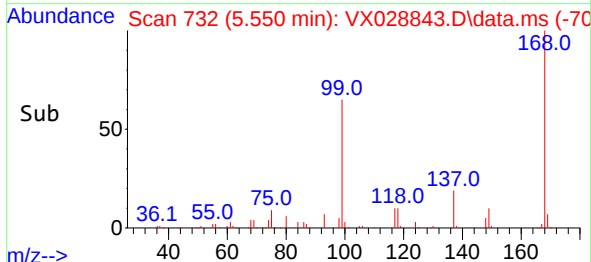
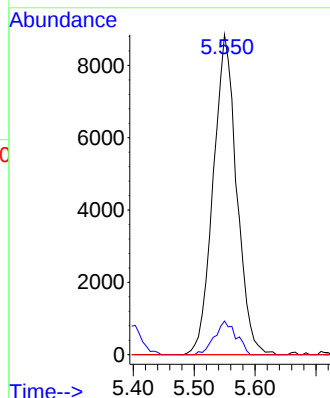
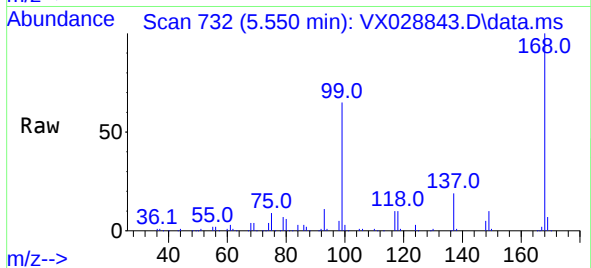




#36
1,1-Dichloropropene
Concen: 5.576 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

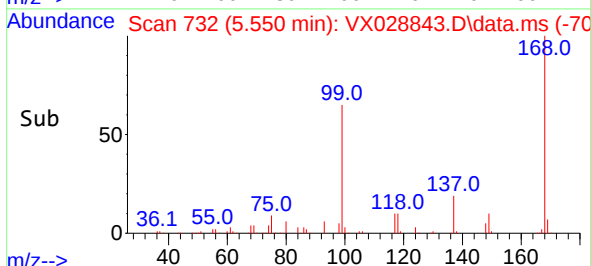
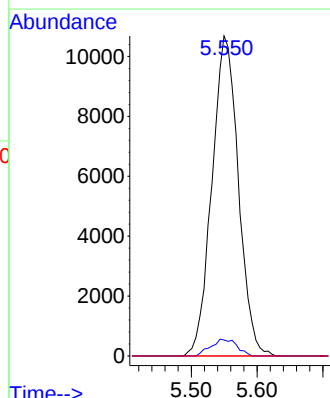
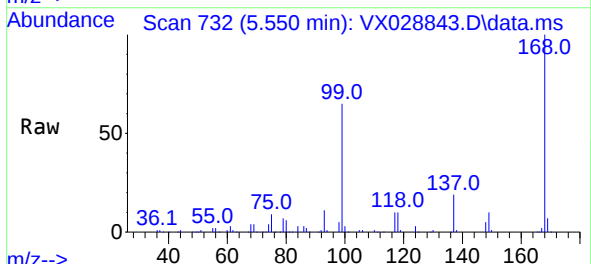
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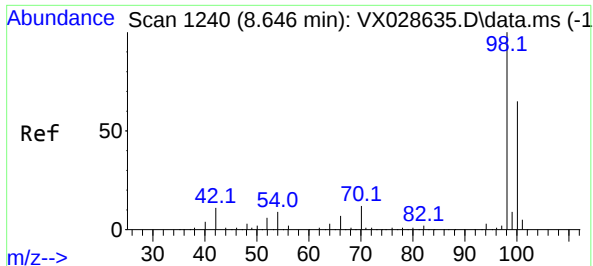
Tgt Ion: 75 Resp: 23700
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.993 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 117 Resp: 29914
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#

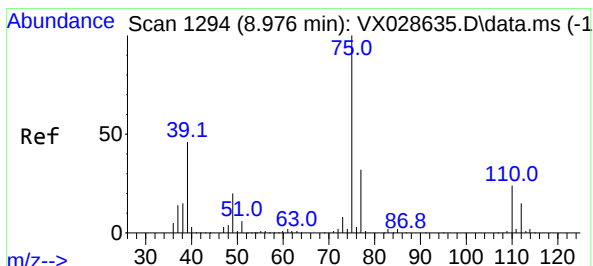
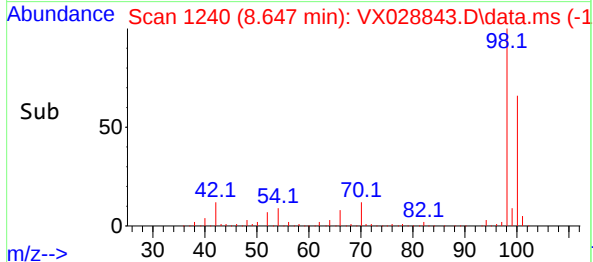
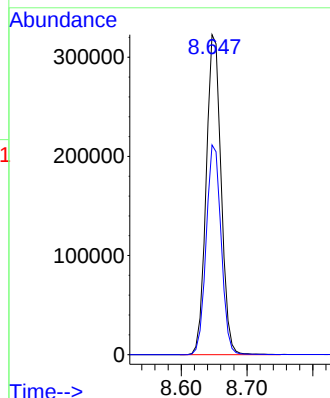
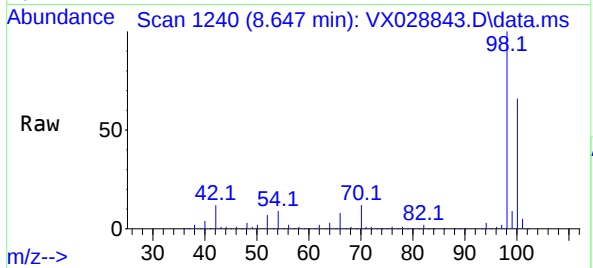




#50
Toluene-d8
Concen: 47.684 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

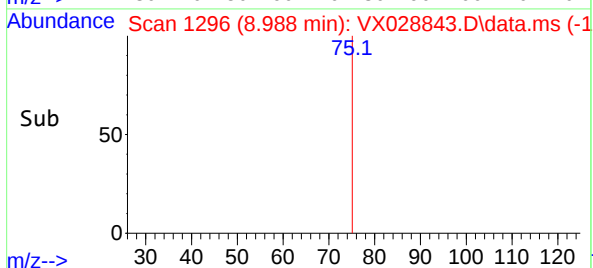
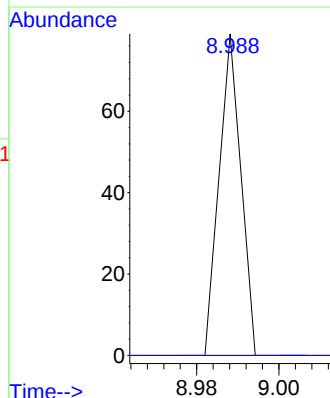
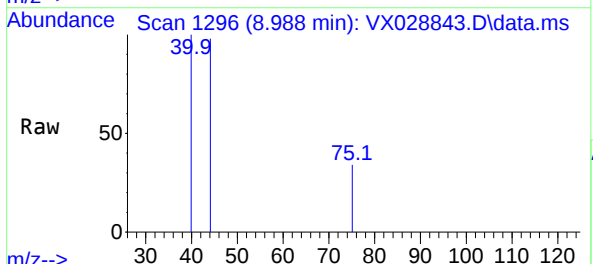
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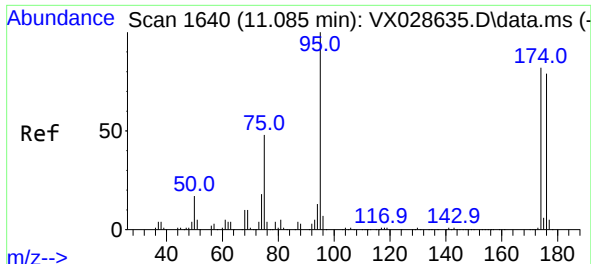
Tgt Ion: 98 Resp: 508757
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.646 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.012 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 75 Resp: 29
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

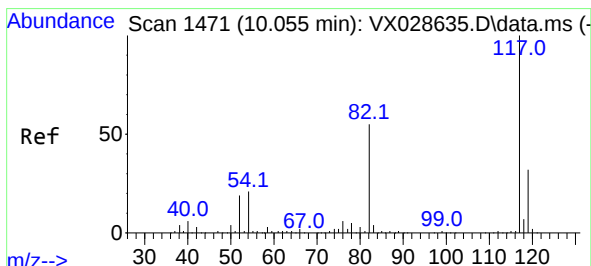
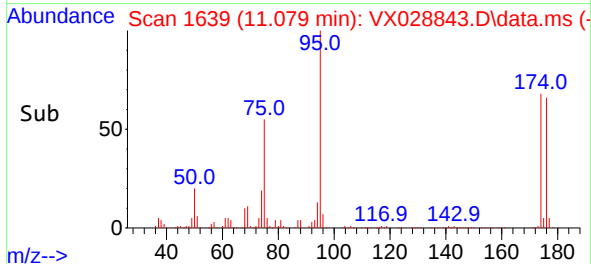
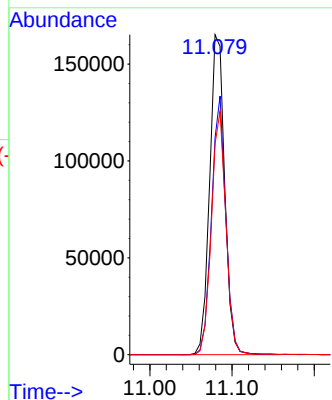
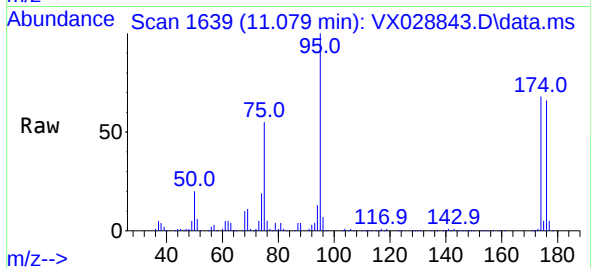




#62
4-Bromofluorobenzene
Concen: 52.778 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

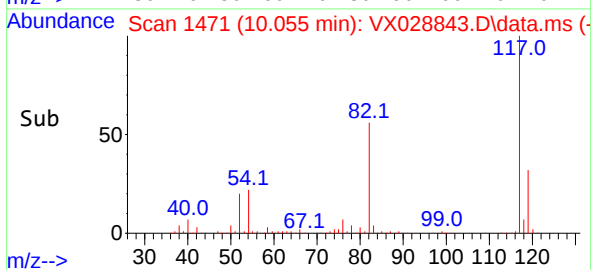
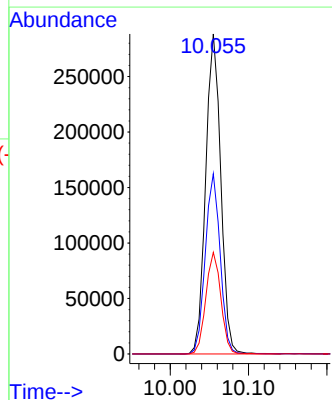
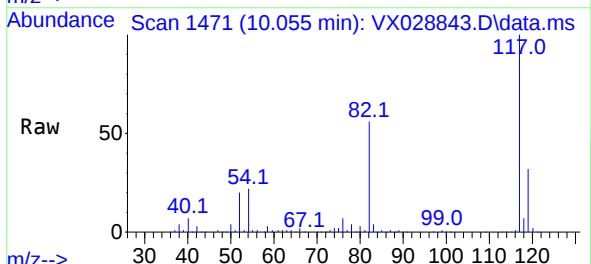
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

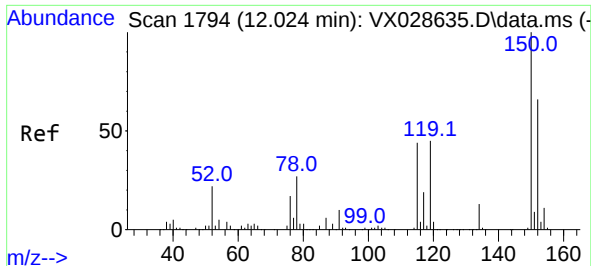
Tgt Ion: 95 Resp: 210322
Ion Ratio Lower Upper
95 100
174 76.4 0.0 163.0
176 73.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

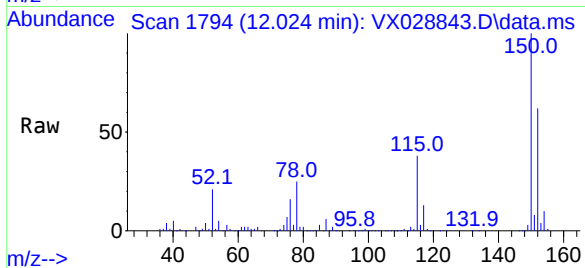
Tgt Ion: 117 Resp: 384824
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 31.7 24.8 37.2



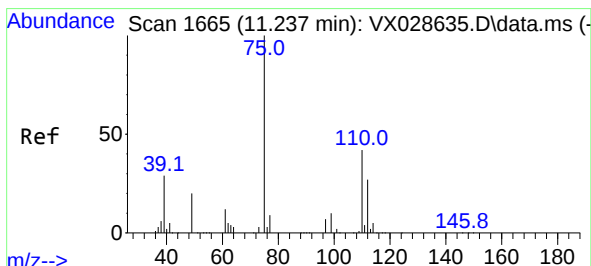
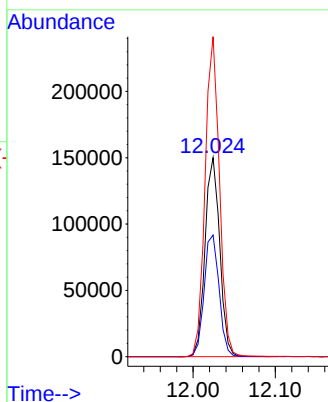
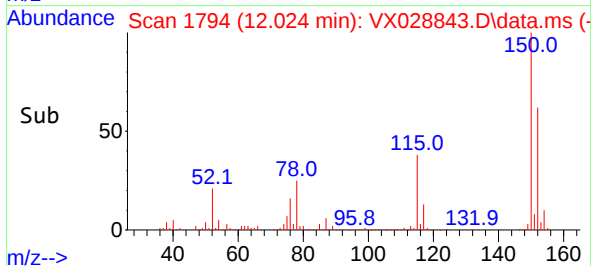


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

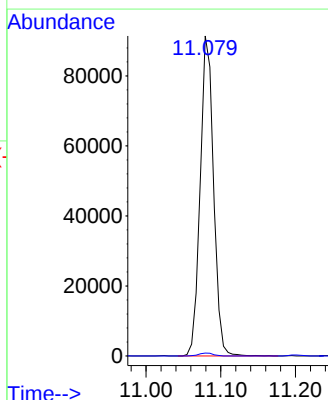
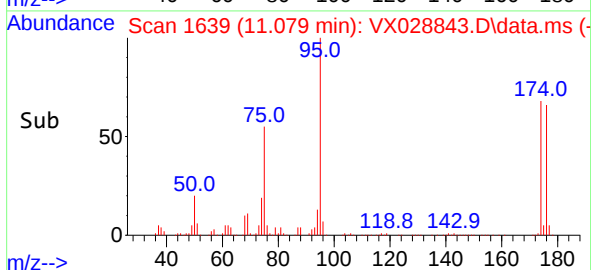
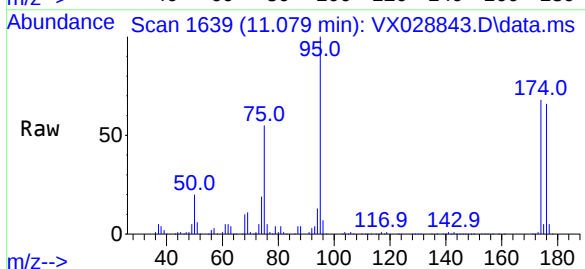


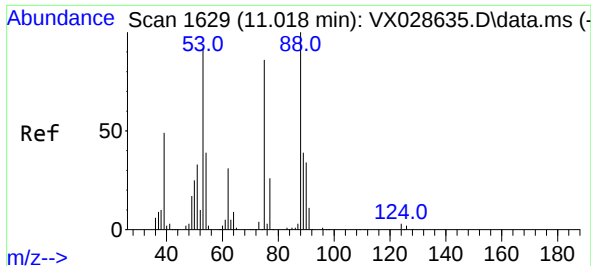
Tgt Ion:152 Resp: 186830
Ion Ratio Lower Upper
152 100
115 62.1 37.5 112.7
150 156.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 25.933 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 75 Resp: 113467
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

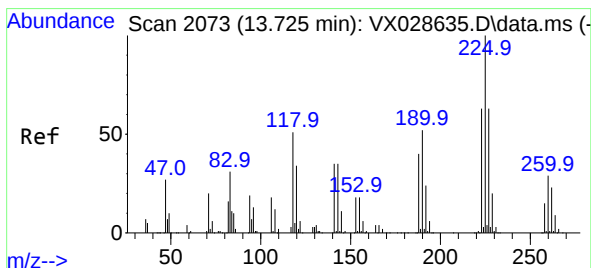
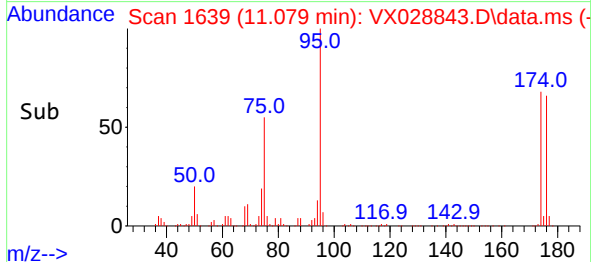
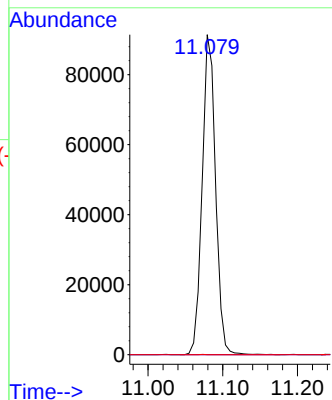
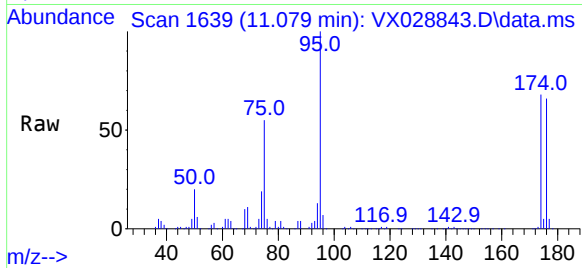




#81
trans-1,4-Dichloro-2-butene
Concen: 75.246 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

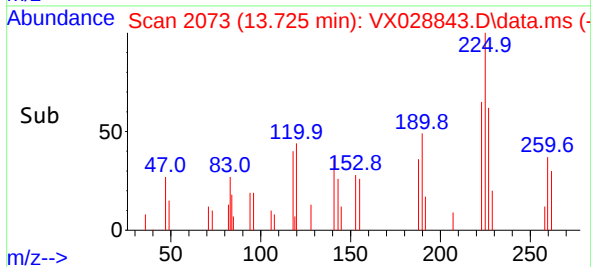
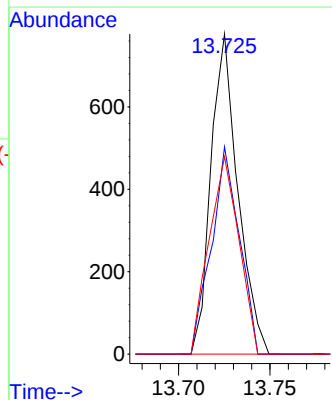
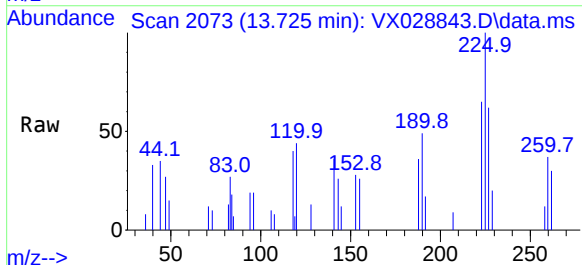
Instrument :
MSVOA_X
ClientSampleId :
VX0520WBL01

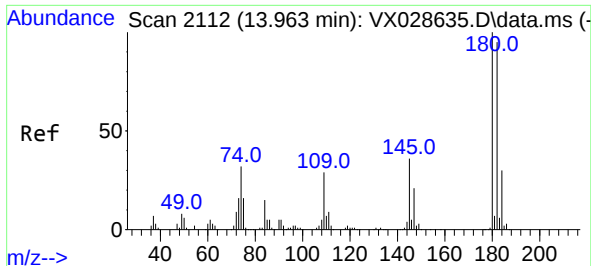
Tgt Ion: 75 Resp: 113467
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.527 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028843.D
Acq: 20 May 2022 11:42

Tgt Ion: 225 Resp: 798
Ion Ratio Lower Upper
225 100
223 67.0 34.2 102.5
227 68.2 33.9 101.7





#96

1,2,3-Trichlorobenzene

Concen: 0.304 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX028843.D

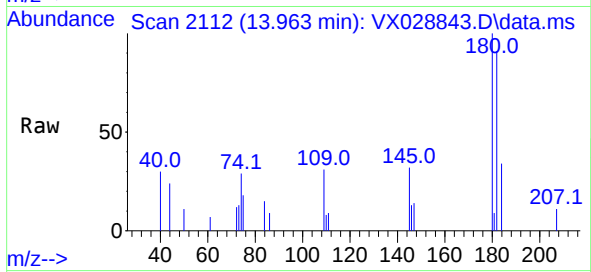
Acq: 20 May 2022 11:42

Instrument :

MSVOA_X

ClientSampleId :

VX0520WBL01



Tgt Ion:180 Resp: 1140

Ion Ratio Lower Upper

180 100

182 101.7 50.0 149.8

145 34.0 16.2 48.5

