

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028726.D
 Acq On : 16 May 2022 13:11
 Operator : JC/MD
 Sample : N2862-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB051222

Quant Time: May 17 03:34:57 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)

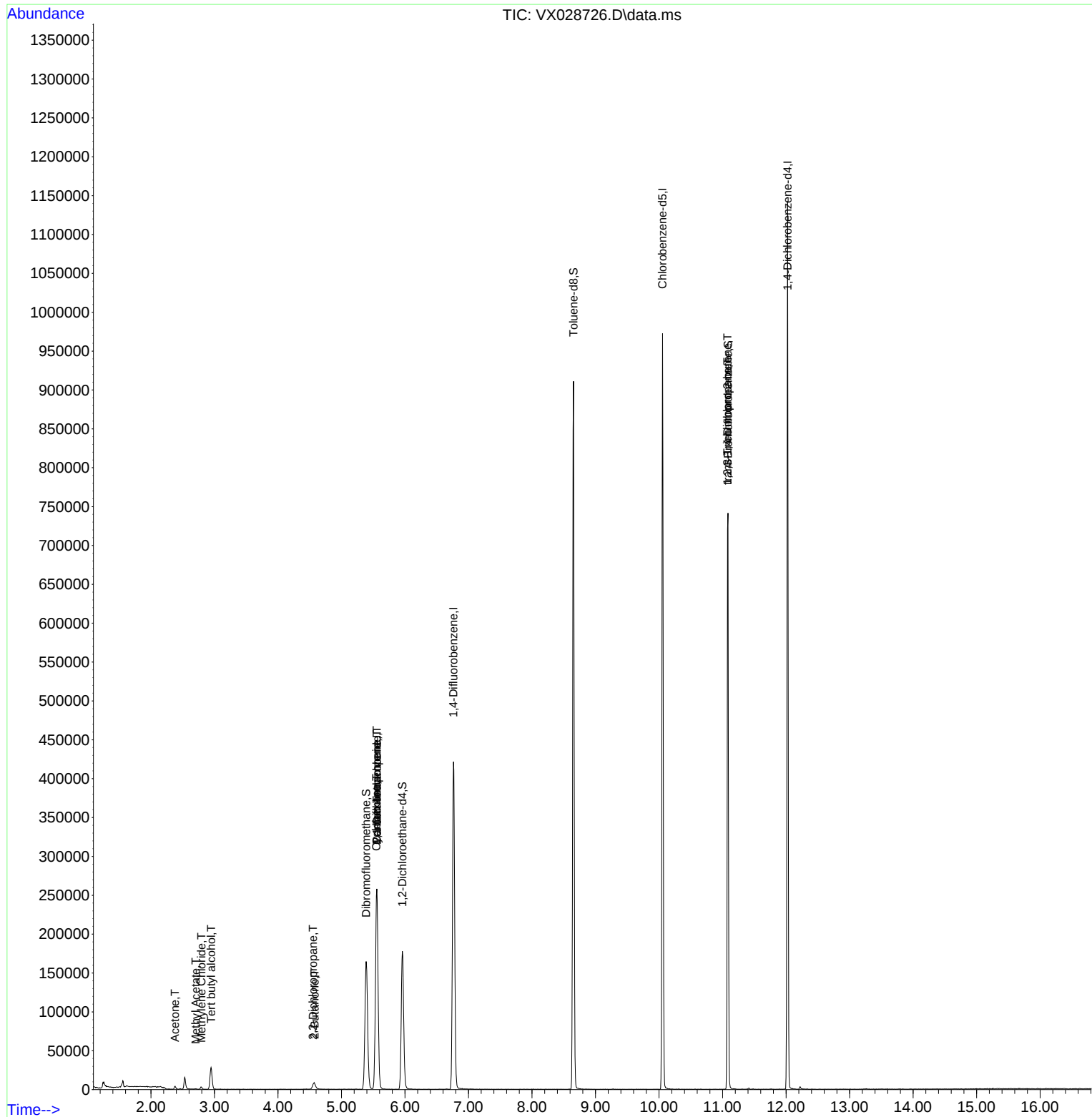
Internal Standards						
1) Pentafluorobenzene	5.556	168	237334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	432871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	420813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169835	52.204	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.400%	
35) Dibromofluoromethane	5.385	113	144293	50.877	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.760%	
50) Toluene-d8	8.653	98	527661	49.348	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	11.085	95	196397	49.176	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	552	Below Cal	#	72
6) Chloroethane	1.685	64	269	Below Cal		98
11) Tert butyl alcohol	2.947	59	16080	15.816	ug/l #	73
16) Acetone	2.380	43	3975	2.847	ug/l	99
18) Methyl Acetate	2.703	43	743	0.212	ug/l #	68
20) Methylene Chloride	2.794	84	1247	0.426	ug/l	90
25) 2-Butanone	4.574	43	752	0.343	ug/l	95
26) 2,2-Dichloropropane	4.550	77	785	0.205	ug/l #	52
31) Cyclohexane	5.550	56	5791	1.282	ug/l #	13
36) 1,1-Dichloropropene	5.556	75	20218	4.746	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25367	5.917	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	104520	20.562	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	104520	60.464	ug/l #	15

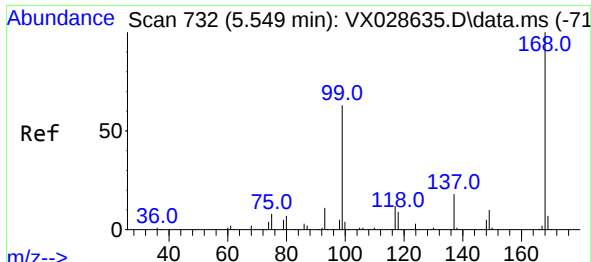
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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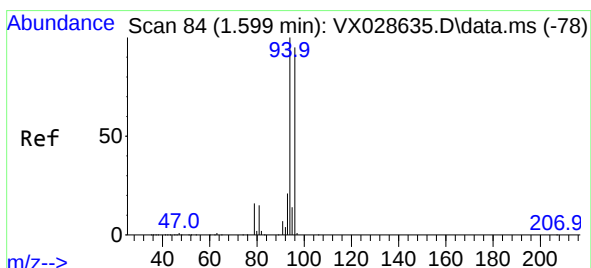
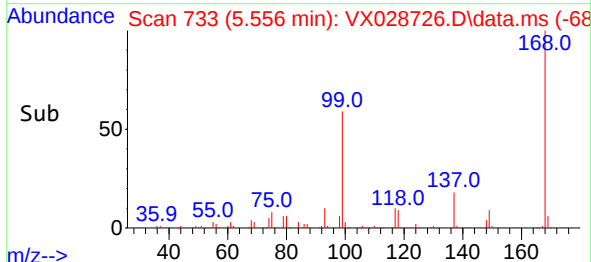
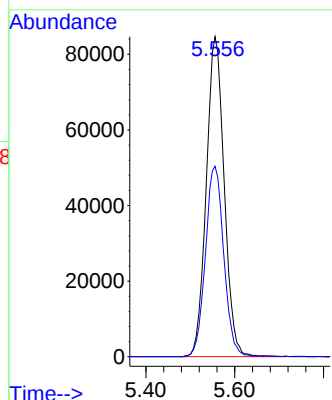
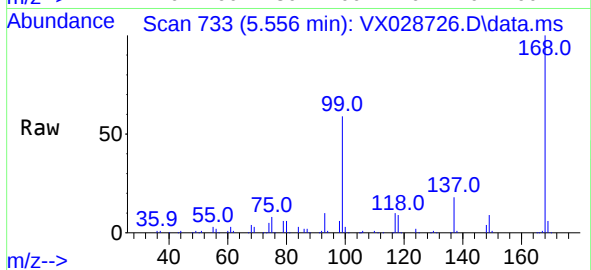




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

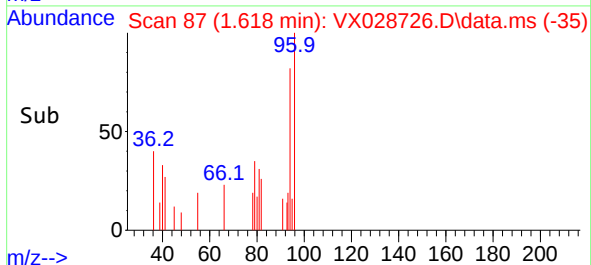
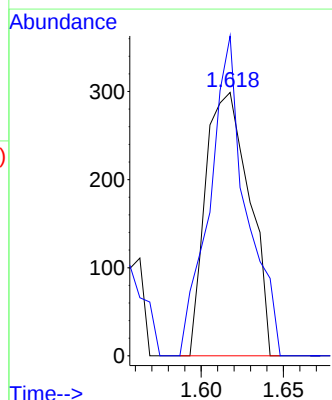
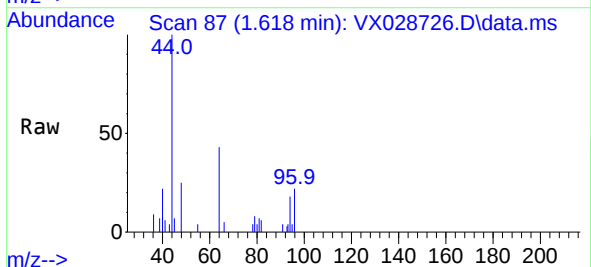
Instrument :
MSVOA_X
ClientSampleId :
FB051222

Tgt Ion:168 Resp: 237334
Ion Ratio Lower Upper
168 100
99 59.5 41.7 62.5

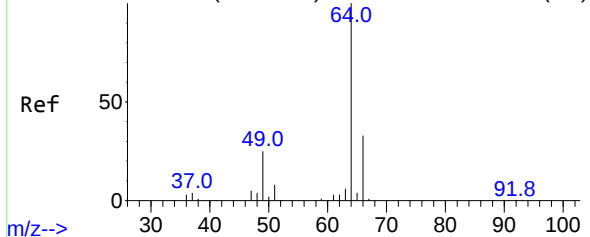


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Tgt Ion: 94 Resp: 552
Ion Ratio Lower Upper
94 100
96 121.4 75.3 112.9#



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

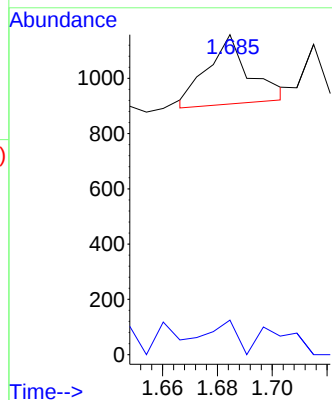
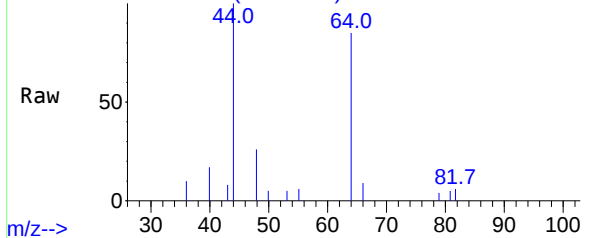


#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

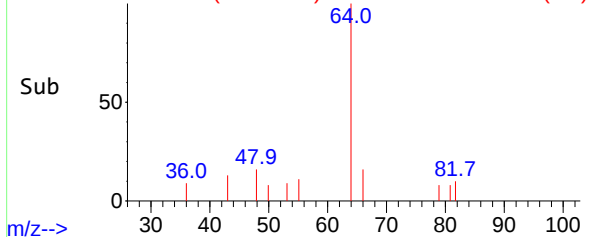
Instrument :
MSVOA_X
ClientSampleId :
FB051222

Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 30.5 25.3 37.9

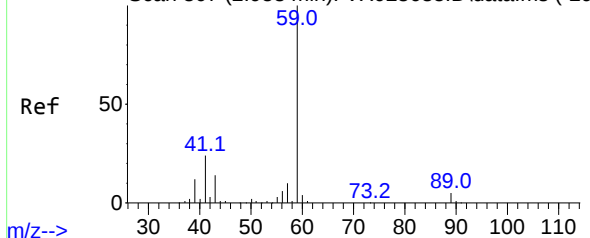
Abundance Scan 98 (1.685 min): VX028726.D\data.ms



Abundance Scan 98 (1.685 min): VX028726.D\data.ms (-48)



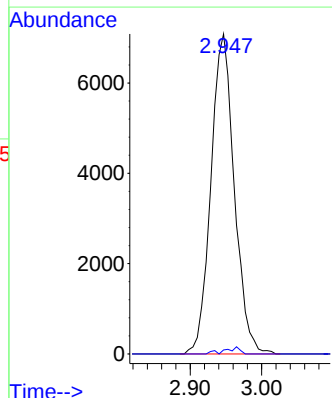
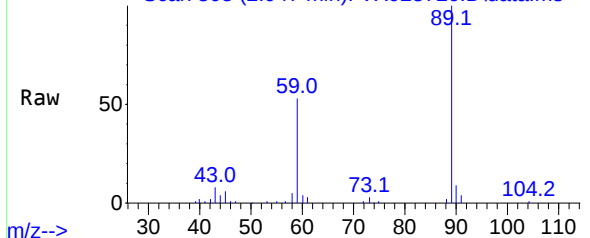
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



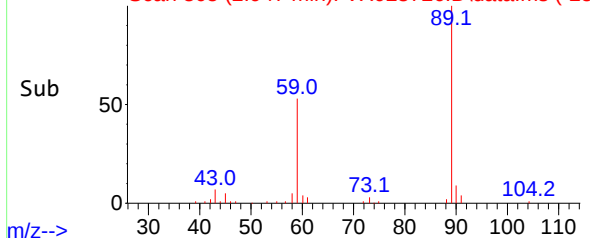
#11
Tert butyl alcohol
Concen: 15.816 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

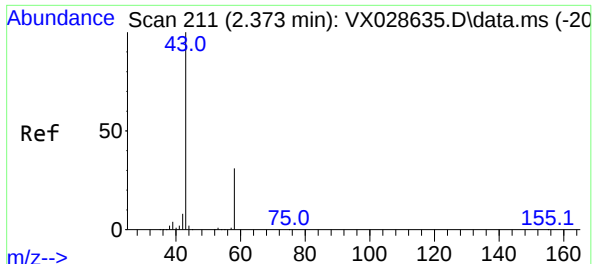
Tgt Ion: 59 Resp: 16080
Ion Ratio Lower Upper
59 100
57 0.3 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028726.D\data.ms



Abundance Scan 305 (2.947 min): VX028726.D\data.ms (-25)

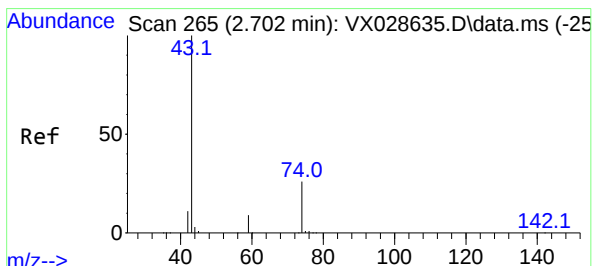
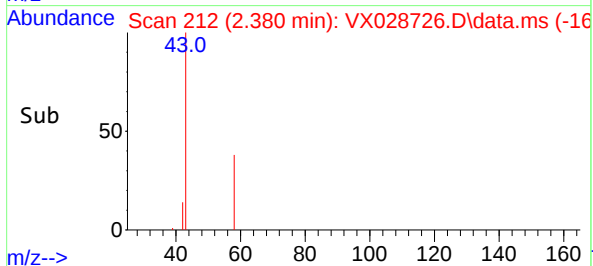
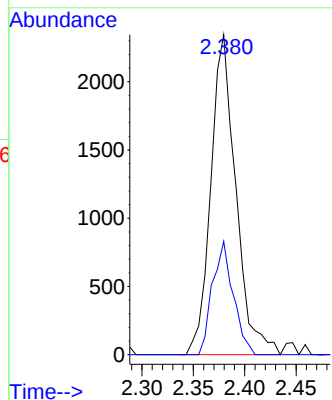
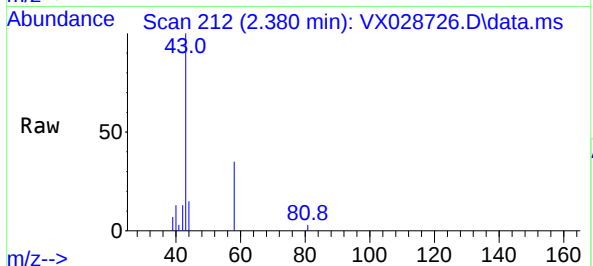




#16
Acetone
Concen: 2.847 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

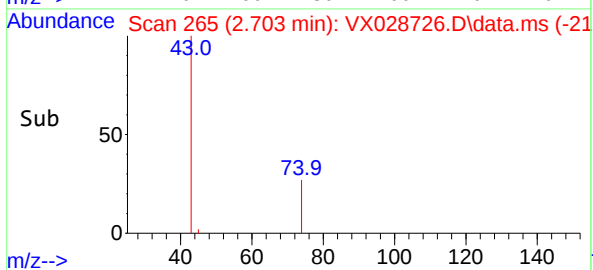
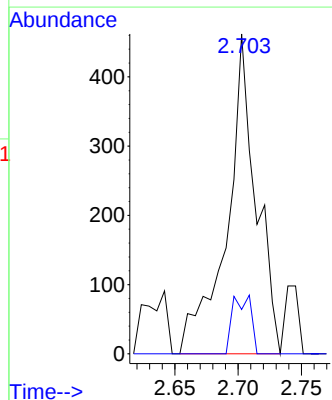
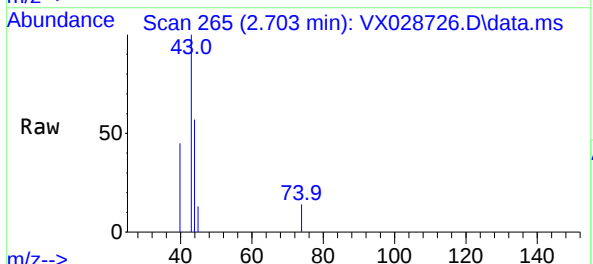
Instrument :
MSVOA_X
ClientSampleId :
FB051222

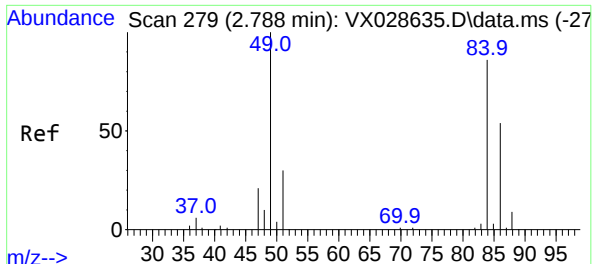
Tgt Ion: 43 Resp: 3975
Ion Ratio Lower Upper
43 100
58 35.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.212 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

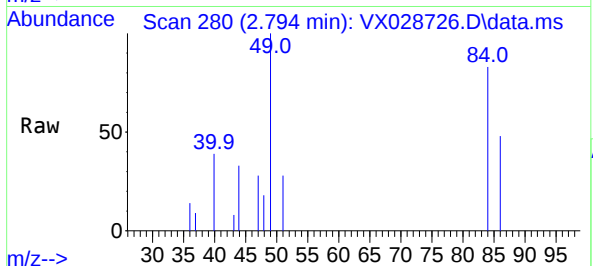
Tgt Ion: 43 Resp: 743
Ion Ratio Lower Upper
43 100
74 11.4 22.8 34.2#



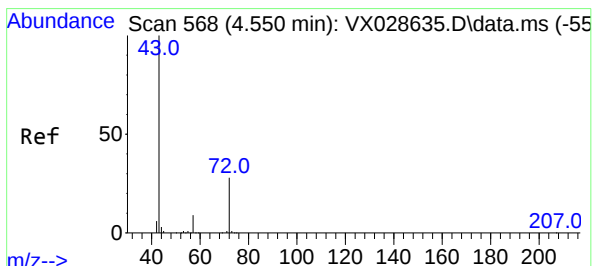
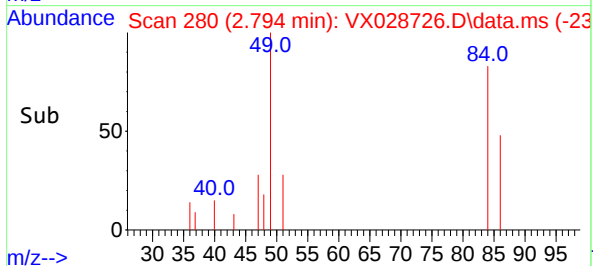
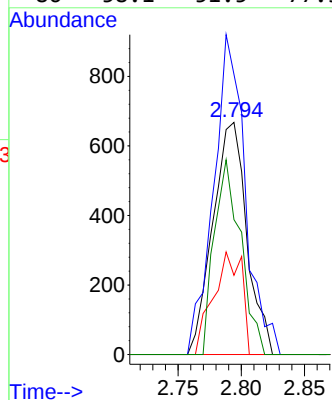


#20
Methylene Chloride
Concen: 0.426 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
FB051222

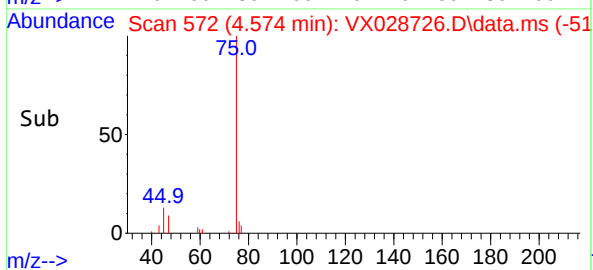
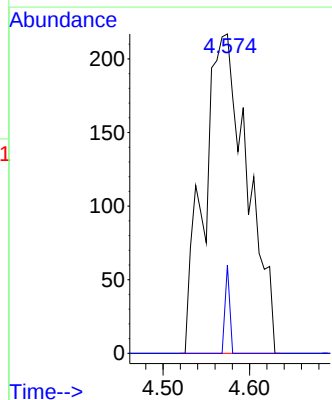
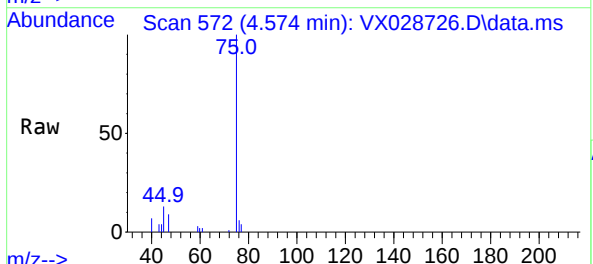


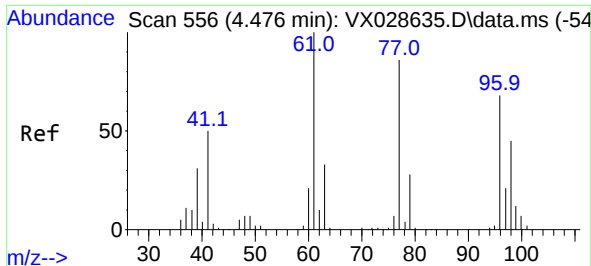
Tgt Ion:	84	Resp:	1247
Ion	Ratio	Lower	Upper
84	100		
49	120.7	85.5	128.3
51	34.1	26.6	39.8
86	58.1	51.5	77.3



#25
2-Butanone
Concen: 0.343 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Tgt Ion:	43	Resp:	752
Ion	Ratio	Lower	Upper
43	100		
72	27.6	24.4	36.6





#26

2,2-Dichloropropane

Concen: 0.205 ug/l

RT: 4.550 min Scan# 50

Delta R.T. 0.074 min

Lab File: VX028726.D

Acq: 16 May 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

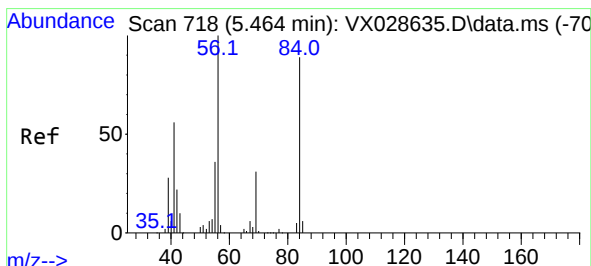
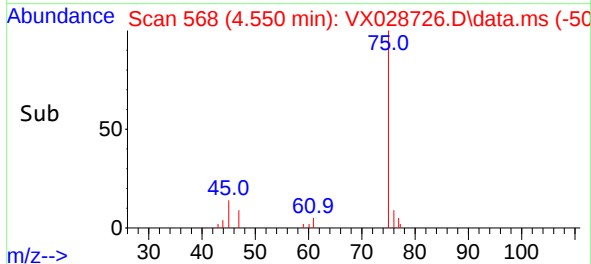
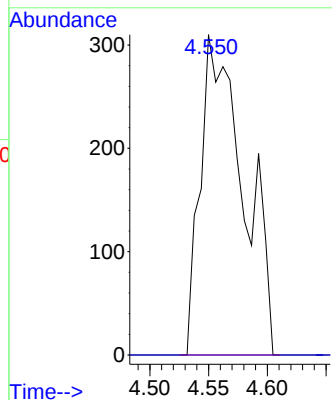
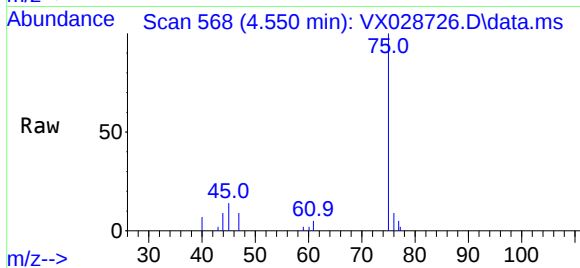
FB051222

Tgt Ion: 77 Resp: 785

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#31

Cyclohexane

Concen: 1.282 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028726.D

Acq: 16 May 2022 13:11

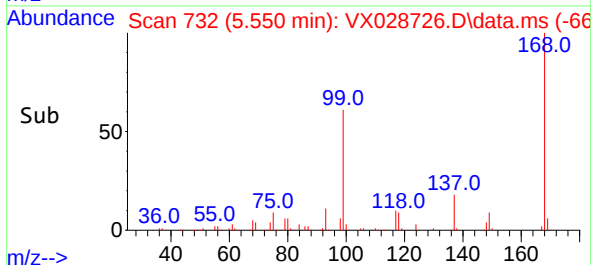
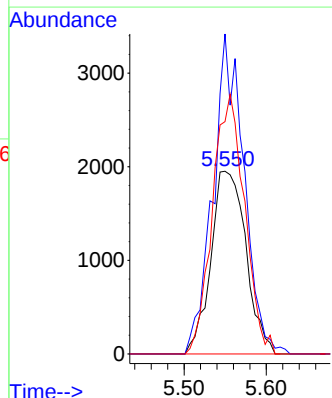
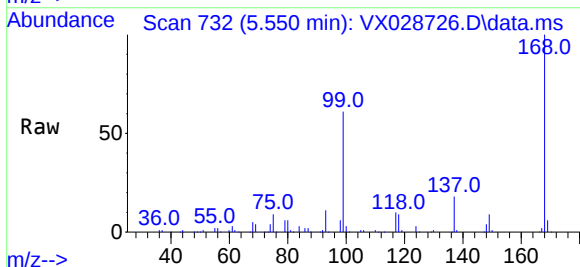
Tgt Ion: 56 Resp: 5791

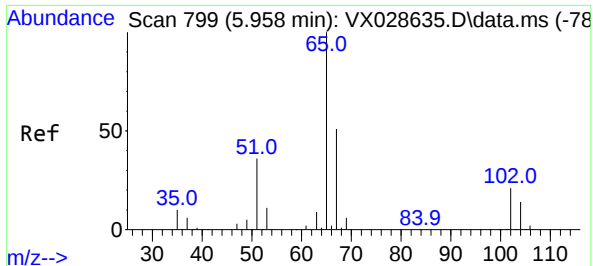
Ion Ratio Lower Upper

56 100

69 175.2 26.7 40.1#

84 127.2 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 52.204 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028726.D

Acq: 16 May 2022 13:11

Instrument :

MSVOA_X

ClientSampleId :

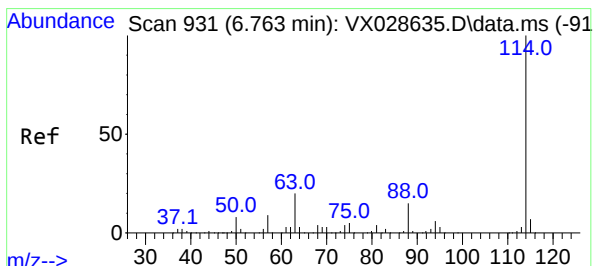
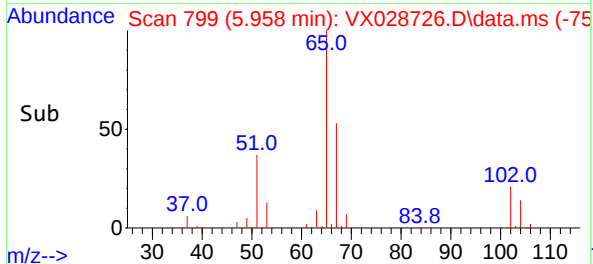
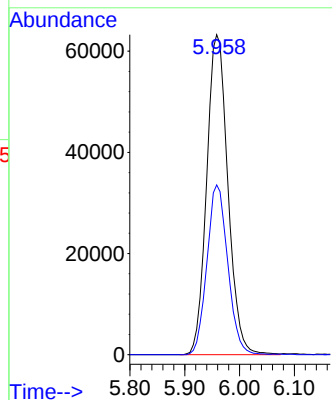
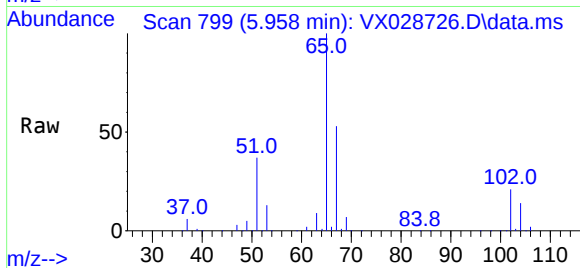
FB051222

Tgt Ion: 65 Resp: 169835

Ion Ratio Lower Upper

65 100

67 52.0 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: VX028726.D

Acq: 16 May 2022 13:11

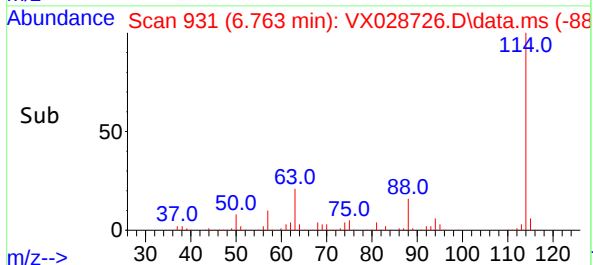
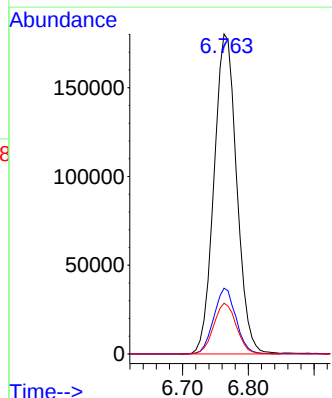
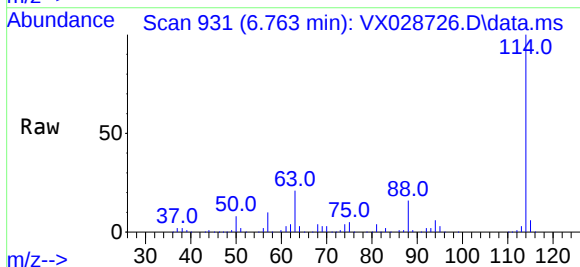
Tgt Ion: 114 Resp: 432871

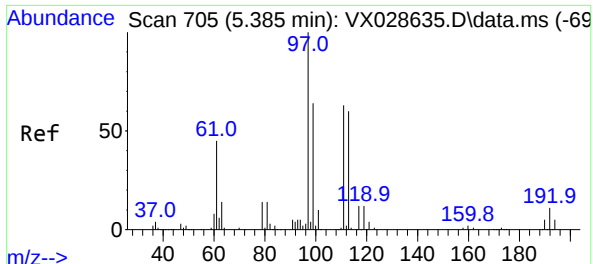
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.8

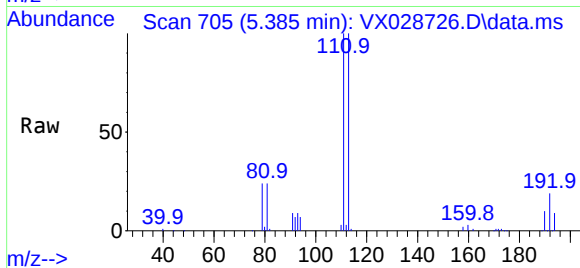
88 15.9 0.0 32.4





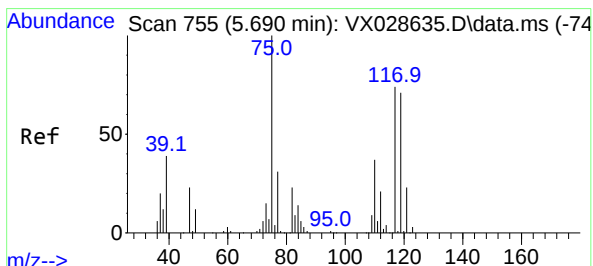
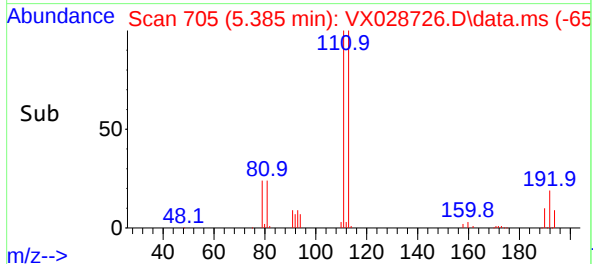
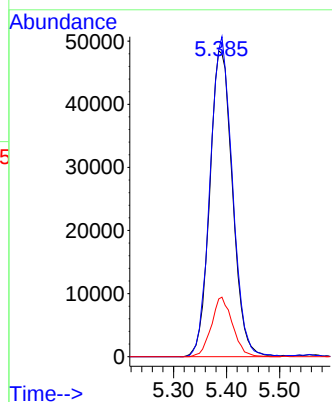
#35
Dibromofluoromethane
Concen: 50.877 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
FB051222



Tgt Ion: 113 Resp: 144293

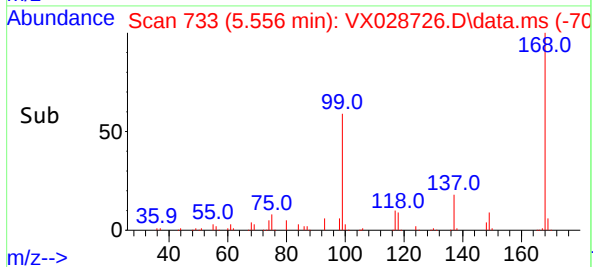
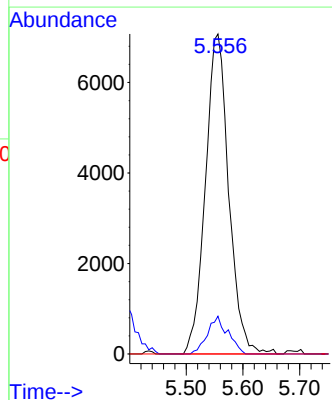
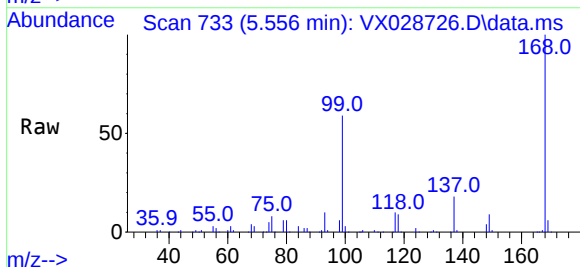
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.8	124.2
192	18.1	16.9	25.3

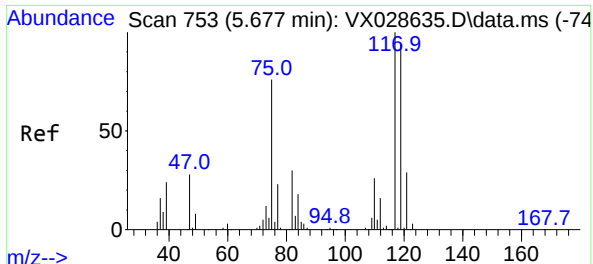


#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Tgt Ion: 75 Resp: 20218

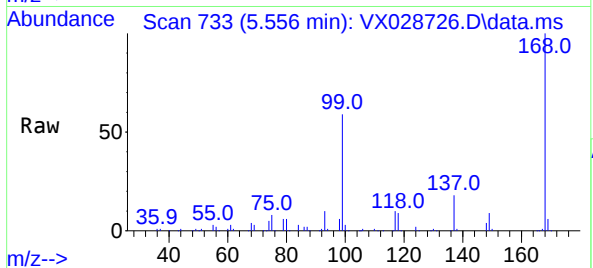
Ion	Ratio	Lower	Upper
75	100		
110	10.3	18.3	54.8#
77	0.0	24.8	37.2#



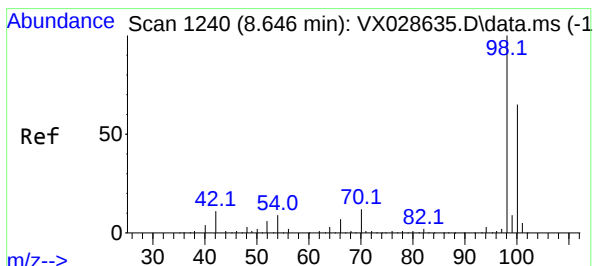
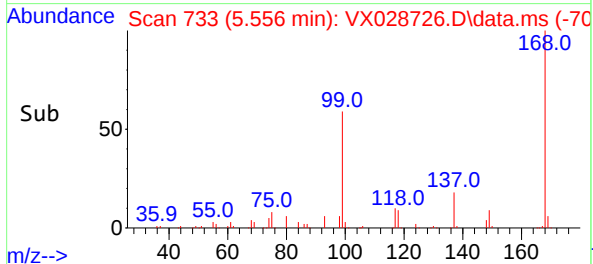
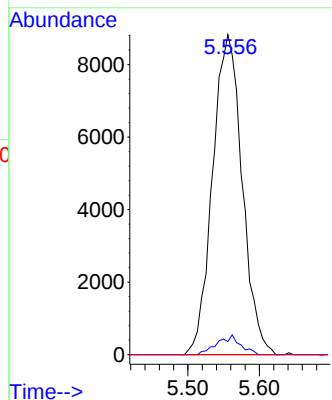


#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Instrument :
MSVOA_X
ClientSampleId :
FB051222

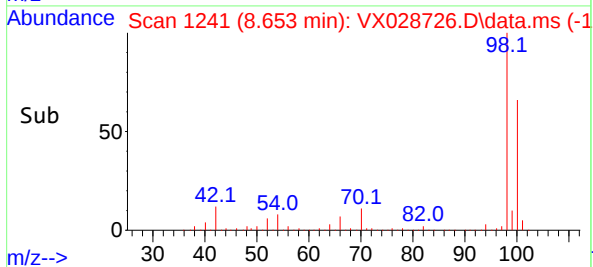
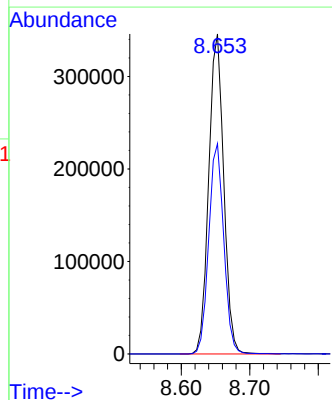
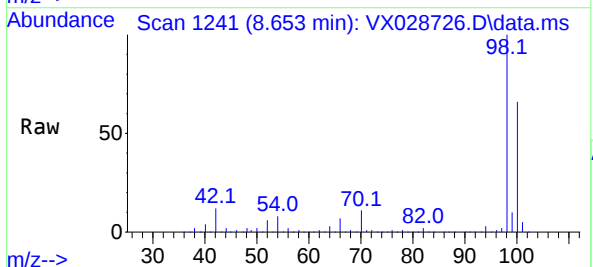


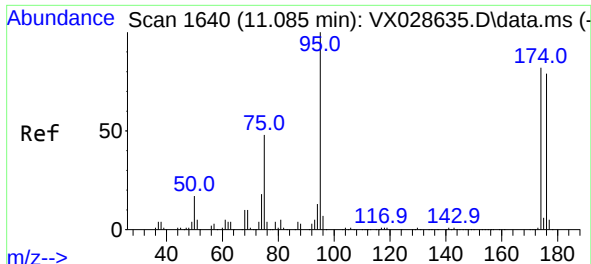
Tgt Ion:117 Resp: 25367
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.348 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Tgt Ion: 98 Resp: 527661
Ion Ratio Lower Upper
98 100
100 65.8 52.6 78.8

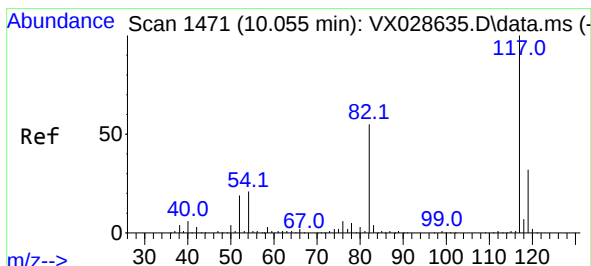
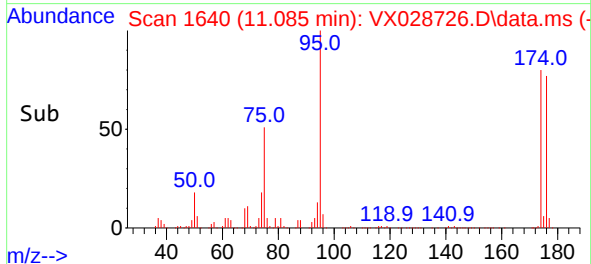
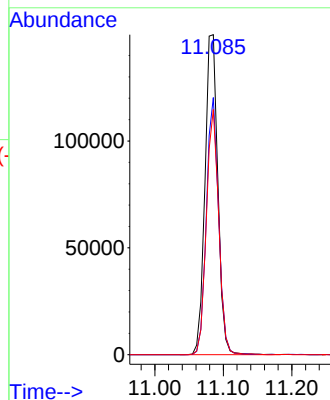
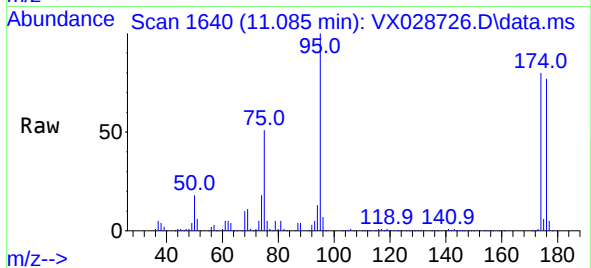




#62
4-Bromofluorobenzene
Concen: 49.176 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

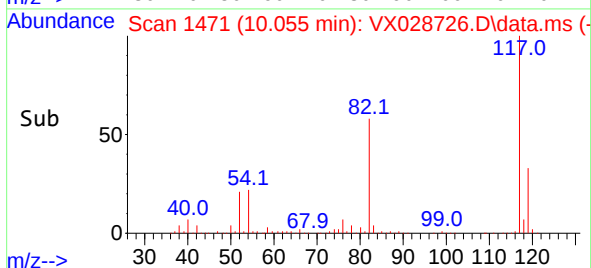
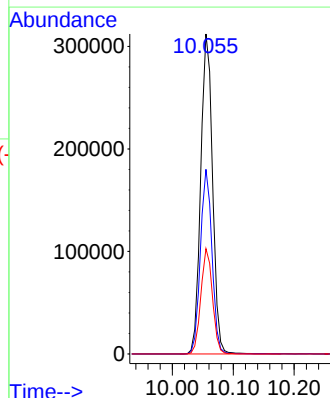
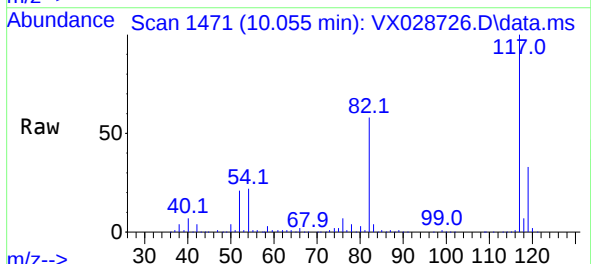
Instrument :
MSVOA_X
ClientSampleId :
FB051222

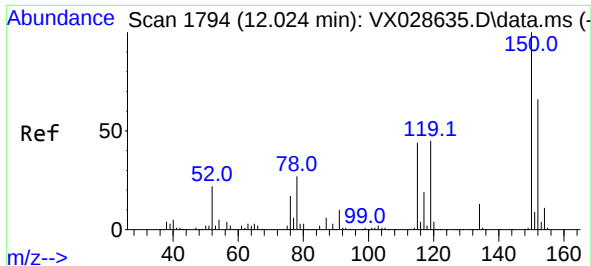
Tgt Ion: 95 Resp: 196397
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 73.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

Tgt Ion: 117 Resp: 420813
Ion Ratio Lower Upper
117 100
82 57.7 41.8 62.8
119 32.9 24.8 37.2

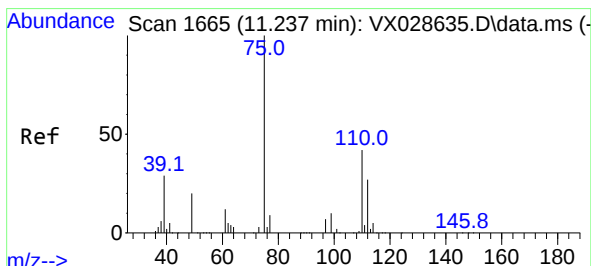
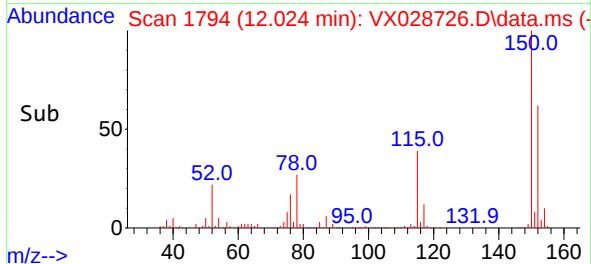
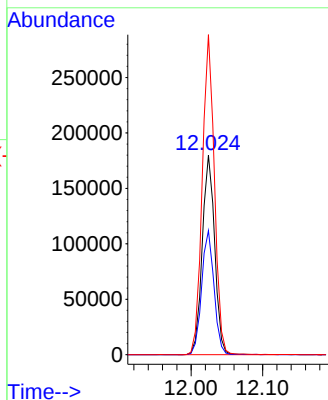
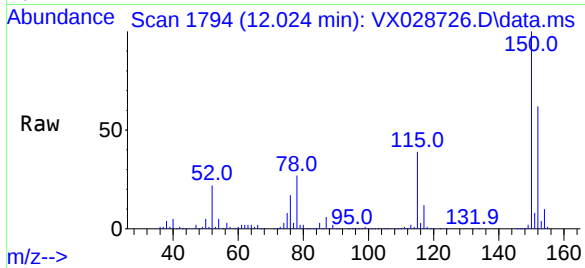




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

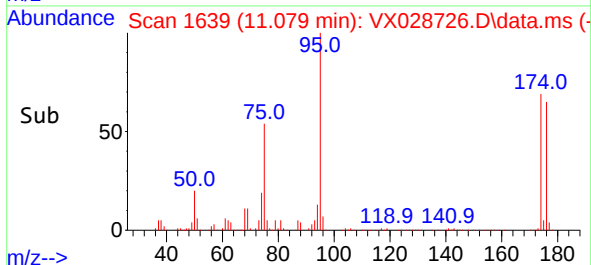
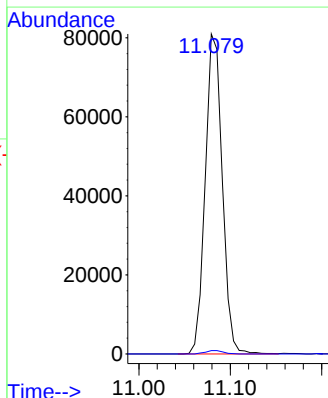
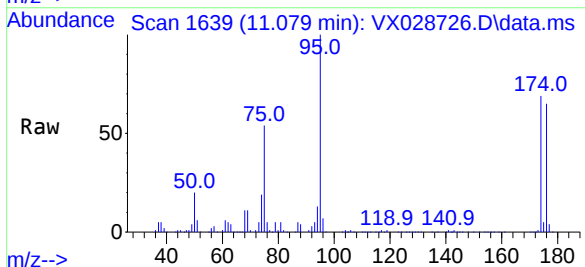
Instrument :
MSVOA_X
ClientSampleId :
FB051222

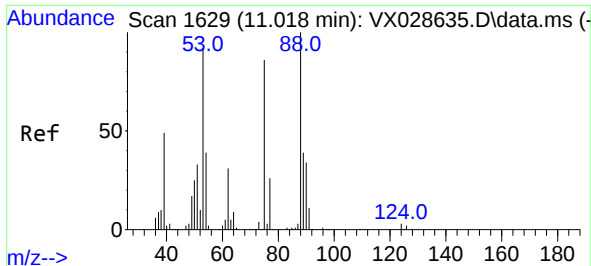
Tgt Ion:152 Resp: 217050
Ion Ratio Lower Upper
152 100
115 62.0 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 20.562 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028726.D
Acq: 16 May 2022 13:11

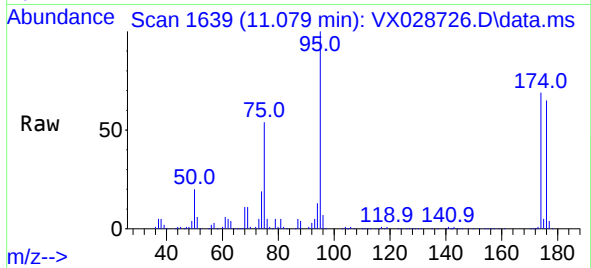
Tgt Ion: 75 Resp: 104520
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.464 ug/l
 RT: 11.079 min Scan# 10
 Delta R.T. 0.061 min
 Lab File: VX028726.D
 Acq: 16 May 2022 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 FB051222



Tgt Ion: 75 Resp: 104520
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

