

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052022\
 Data File : VX028851.D
 Acq On : 20 May 2022 15:23
 Operator : JC/MD
 Sample : N2800-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB051122

Quant Time: May 20 23:29:21 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)

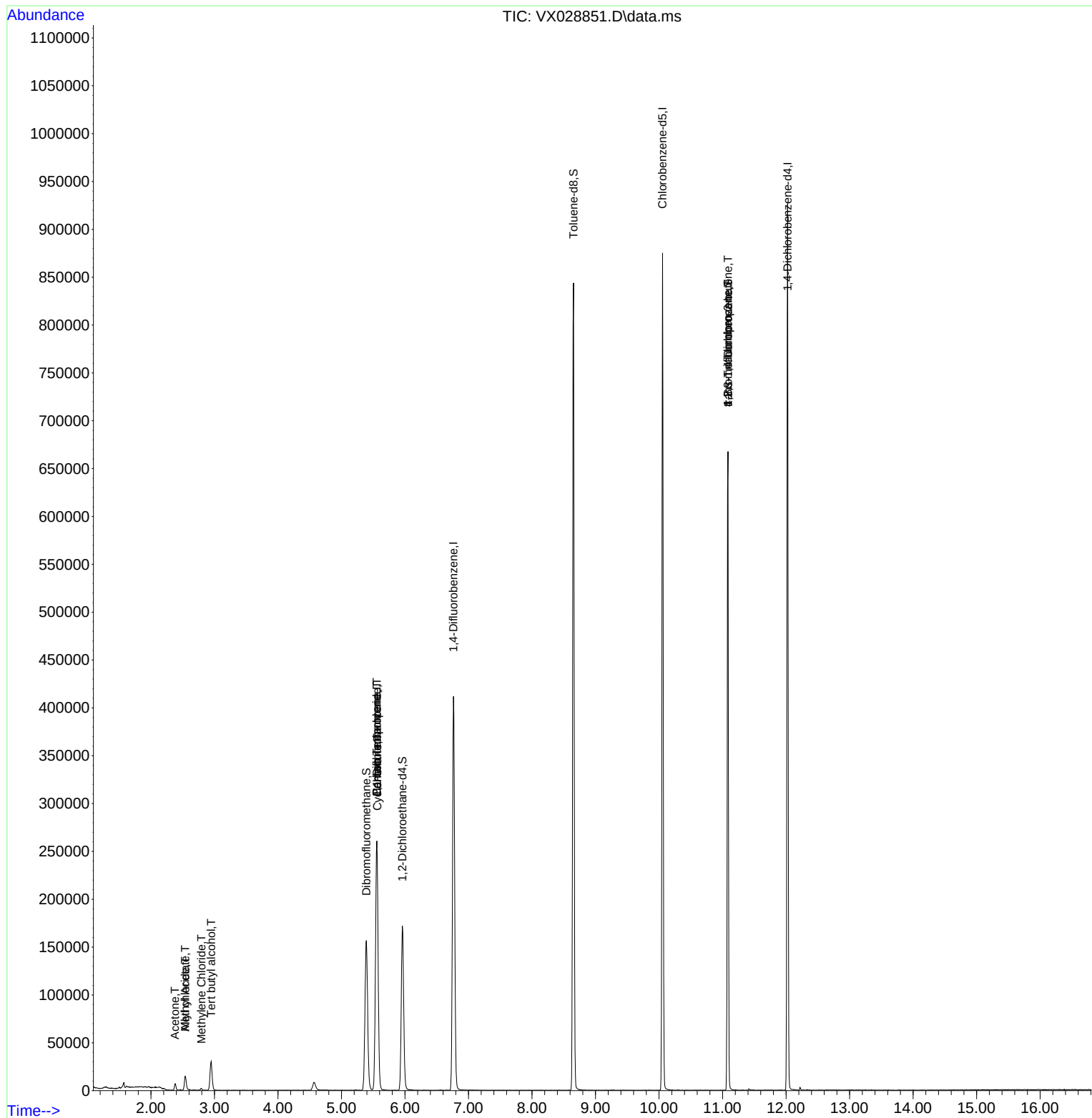
Internal Standards						
1) Pentafluorobenzene	5.556	168	241678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	377406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	164013	49.508	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.020%
35) Dibromofluoromethane	5.391	113	135605	49.300	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.600%
50) Toluene-d8	8.653	98	500116	48.226	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.085	95	168038	43.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.760%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	784	Below Cal		85
6) Chloroethane	1.660	64	3570	Below Cal	#	59
11) Tert butyl alcohol	2.946	59	17094	16.874	ug/l #	76
14) Allyl chloride	2.538	41	1663	0.415	ug/l #	60
16) Acetone	2.380	43	7077	4.978	ug/l	93
18) Methyl Acetate	2.538	43	5728	1.609	ug/l #	46
20) Methylene Chloride	2.794	84	915	0.307	ug/l #	82
31) Cyclohexane	5.562	56	5490	1.194	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20024	4.847	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25054	6.026	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	92259	21.054	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	92259	61.816	ug/l #	15

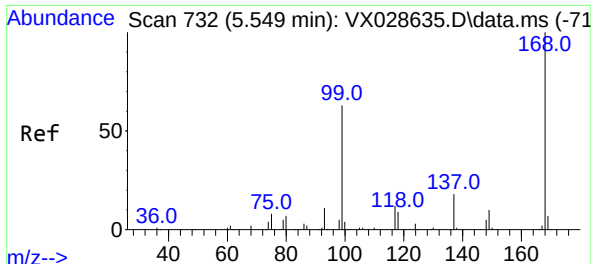
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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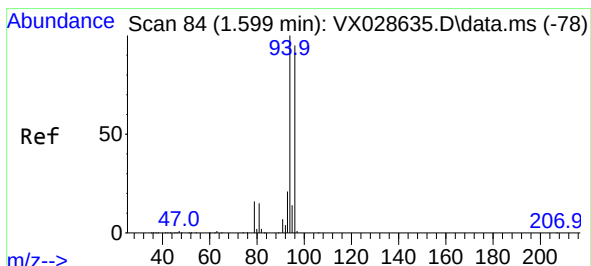
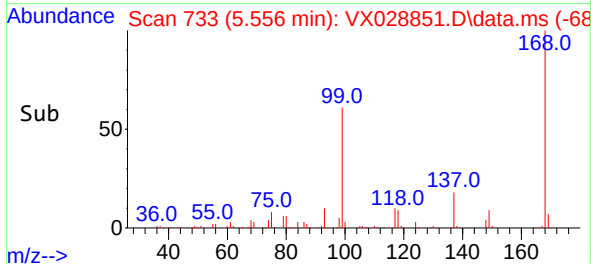
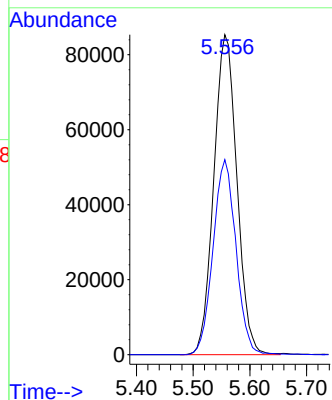
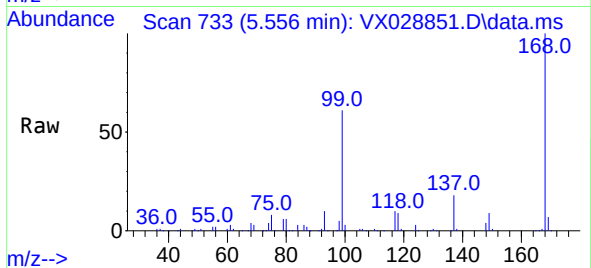




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

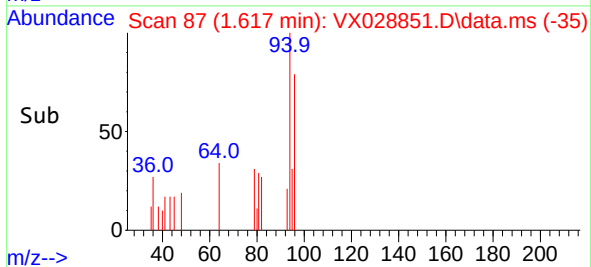
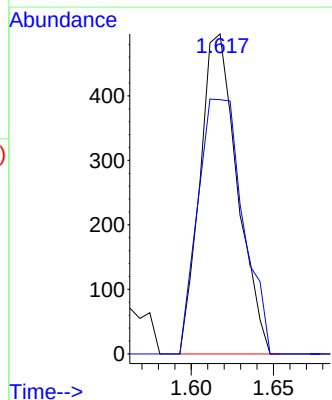
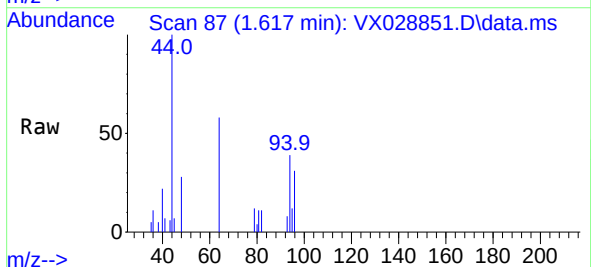
Instrument :
MSVOA_X
ClientSampleId :
FB051122

Tgt Ion:168 Resp: 241678
Ion Ratio Lower Upper
168 100
99 61.0 41.7 62.5

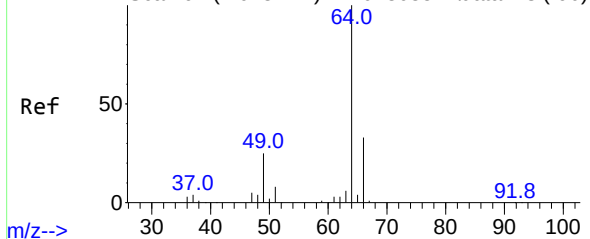


#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion: 94 Resp: 784
Ion Ratio Lower Upper
94 100
96 79.4 75.3 112.9



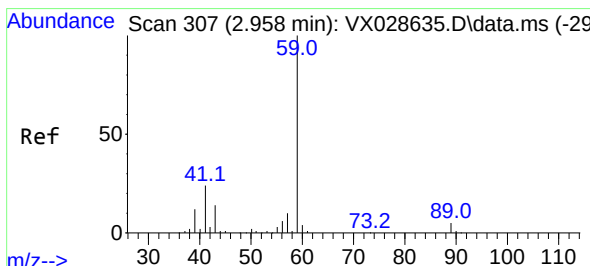
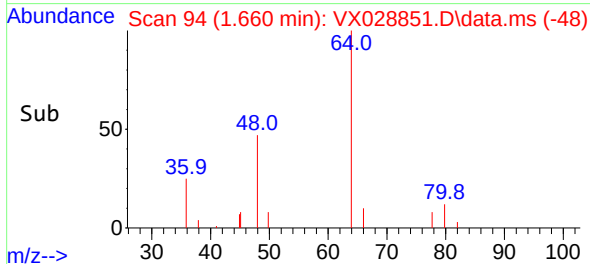
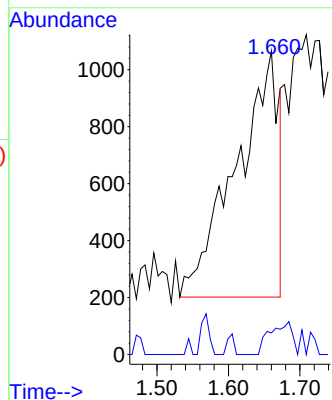
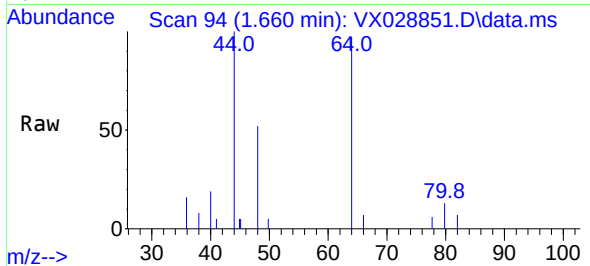
Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)



#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

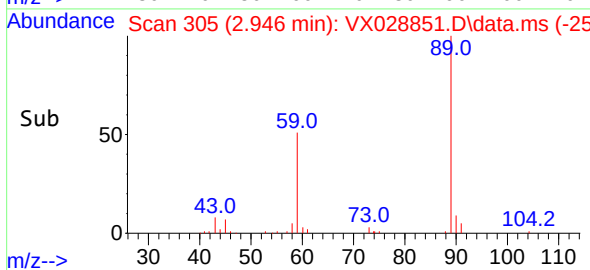
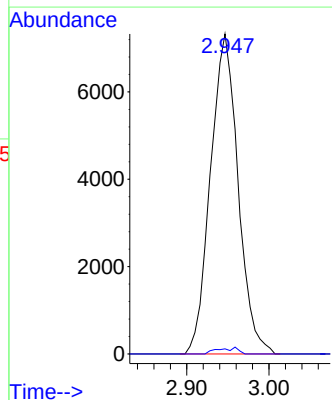
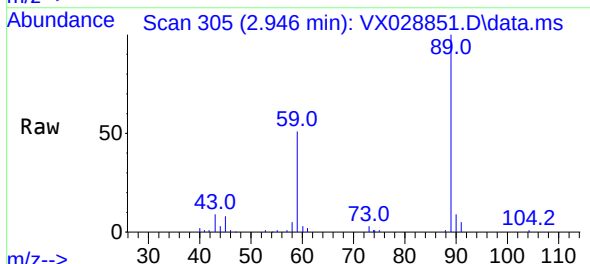
Instrument :
MSVOA_X
ClientSampleId :
FB051122

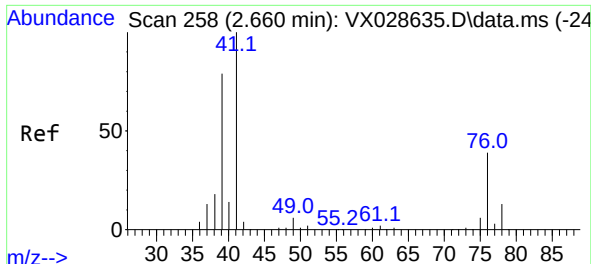
Tgt Ion: 64 Resp: 3570
Ion Ratio Lower Upper
64 100
66 8.8 25.3 37.9#



#11
Tert butyl alcohol
Concen: 16.874 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.012 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion: 59 Resp: 17094
Ion Ratio Lower Upper
59 100
57 1.5 8.3 12.5#





#14

Allyl chloride

Concen: 0.415 ug/l

RT: 2.538 min Scan# 21

Delta R.T. -0.122 min

Lab File: VX028851.D

Acq: 20 May 2022 15:23

Instrument :

MSVOA_X

ClientSampleId :

FB051122

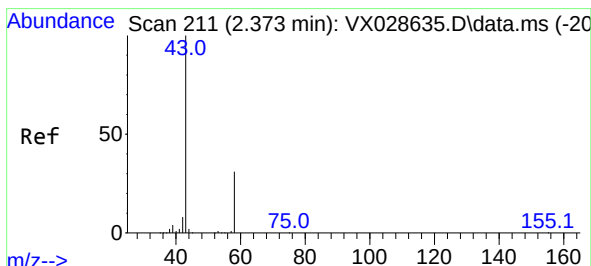
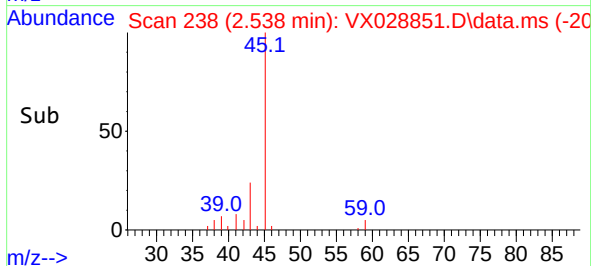
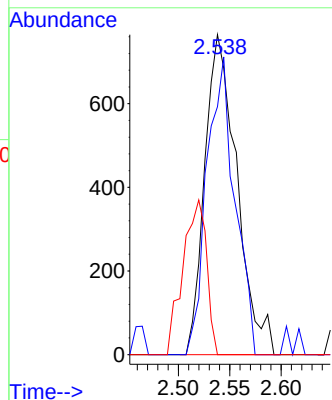
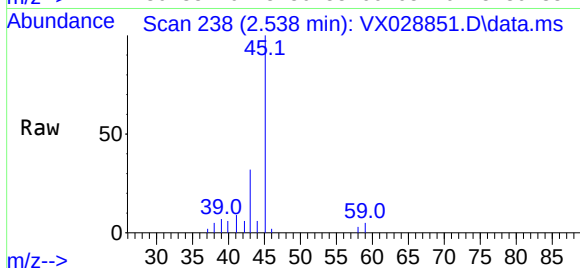
Tgt Ion: 41 Resp: 1663

Ion Ratio Lower Upper

41 100

39 81.0 50.4 75.6#

76 0.0 32.7 49.1#



#16

Acetone

Concen: 4.978 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028851.D

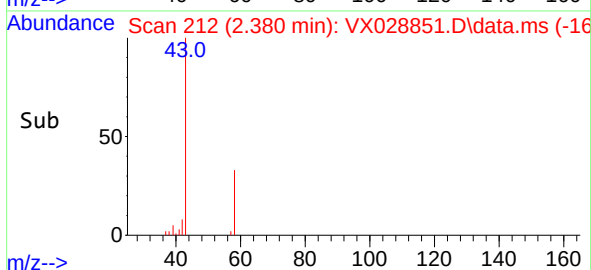
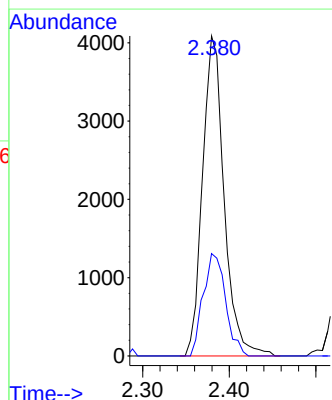
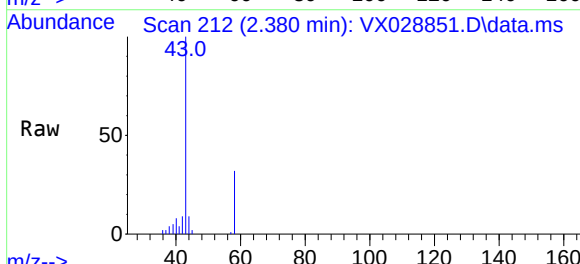
Acq: 20 May 2022 15:23

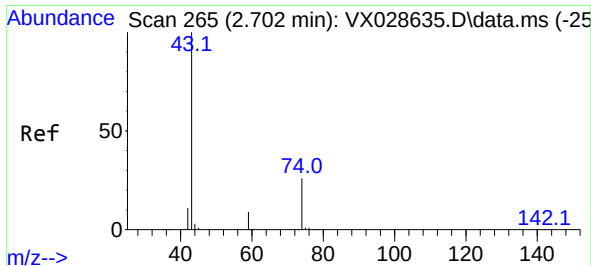
Tgt Ion: 43 Resp: 7077

Ion Ratio Lower Upper

43 100

58 32.0 28.8 43.2

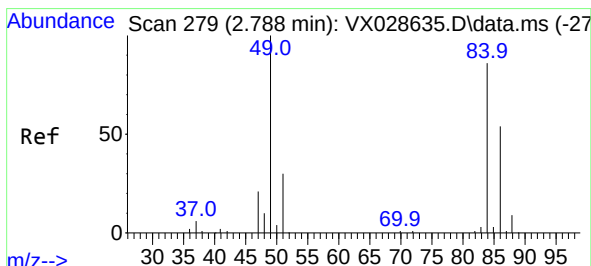
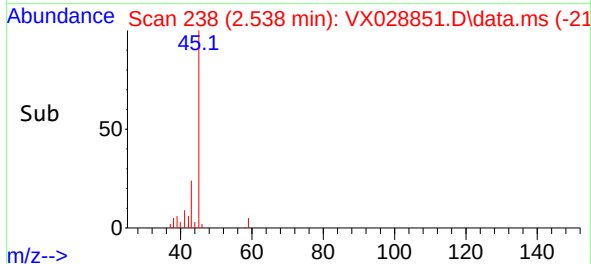
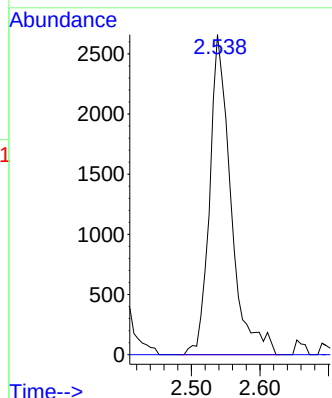
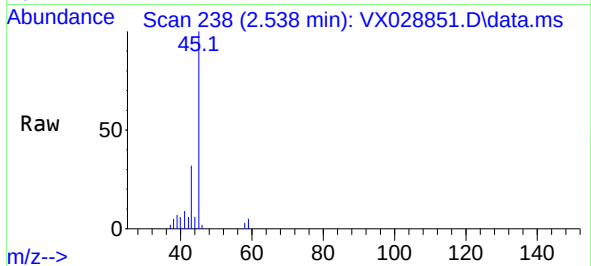




#18
Methyl Acetate
Concen: 1.609 ug/l
RT: 2.538 min Scan# 21
Delta R.T. -0.164 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

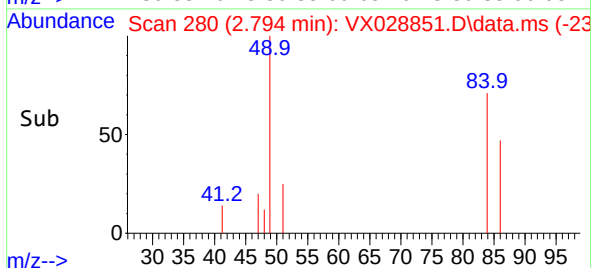
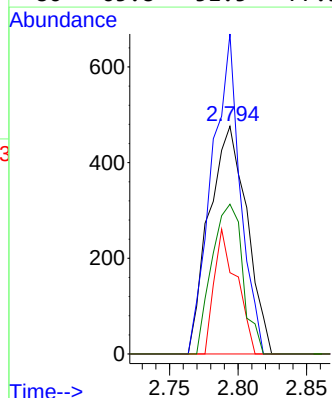
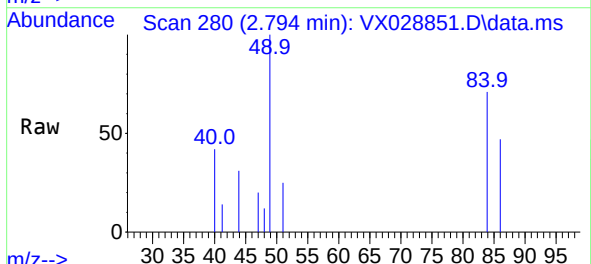
Instrument :
MSVOA_X
ClientSampleId :
FB051122

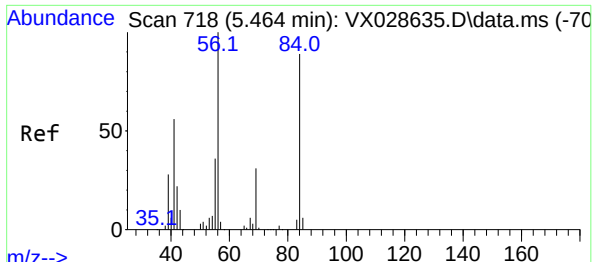
Tgt Ion: 43 Resp: 5728
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

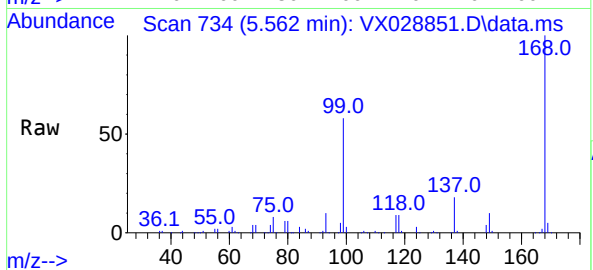
Tgt Ion: 84 Resp: 915
Ion Ratio Lower Upper
84 100
49 140.5 85.5 128.3#
51 35.7 26.6 39.8
86 65.8 51.5 77.3



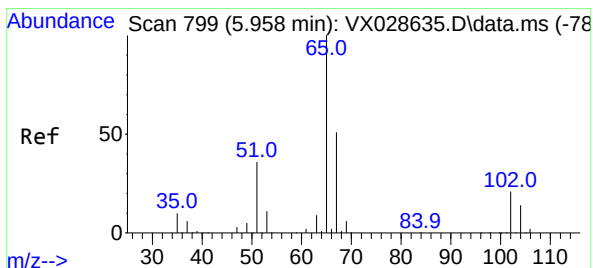
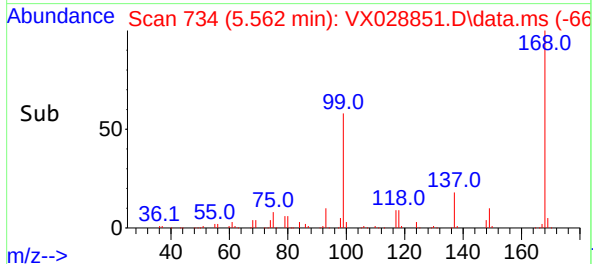
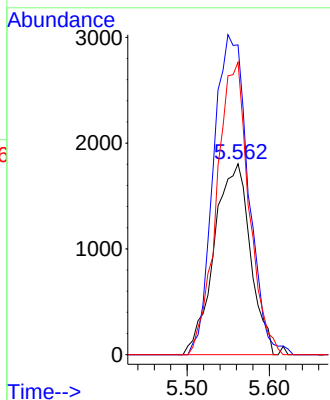


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.098 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Instrument :
MSVOA_X
ClientSampleId :
FB051122

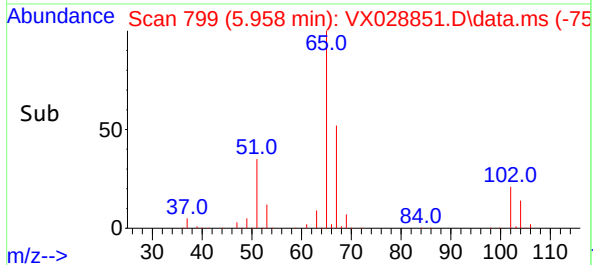
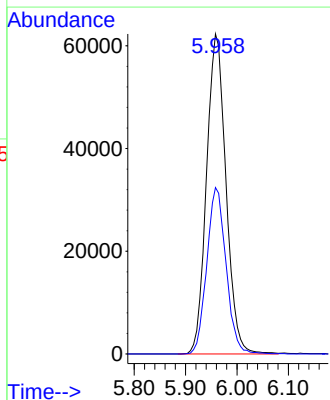
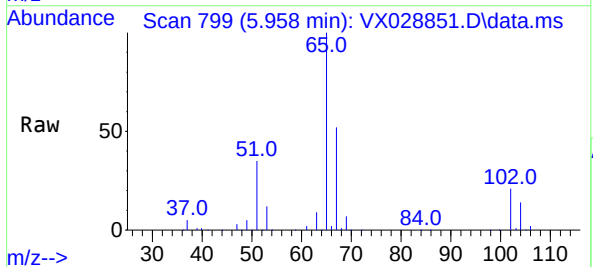


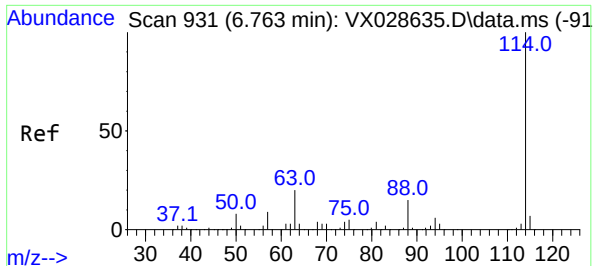
Tgt Ion: 56 Resp: 5490
Ion Ratio Lower Upper
56 100
69 162.3 26.7 40.1#
84 153.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.508 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion: 65 Resp: 164013
Ion Ratio Lower Upper
65 100
67 51.4 0.0 107.4

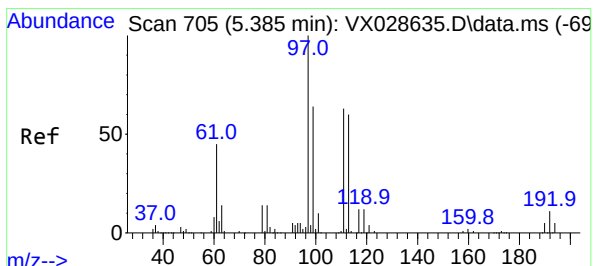
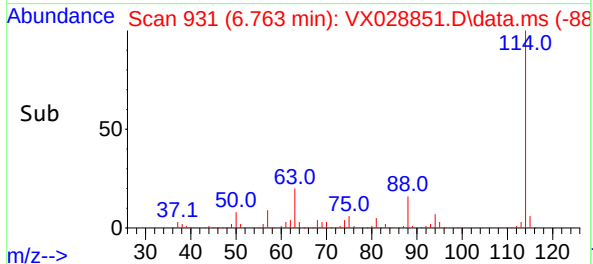
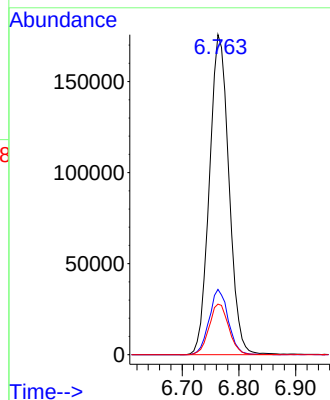
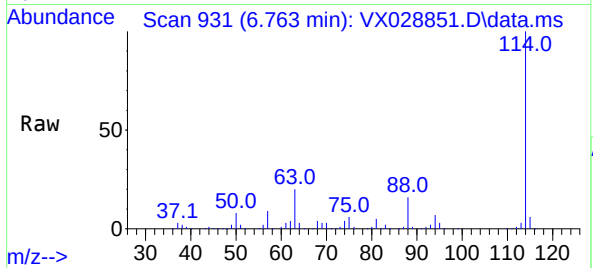




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

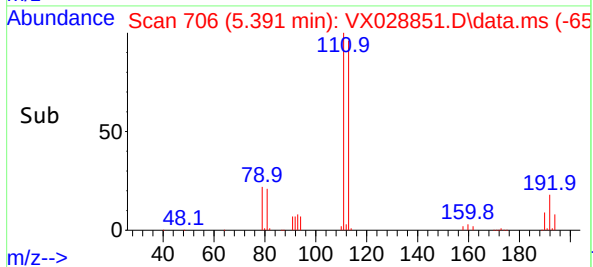
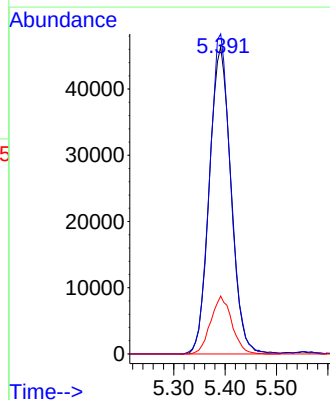
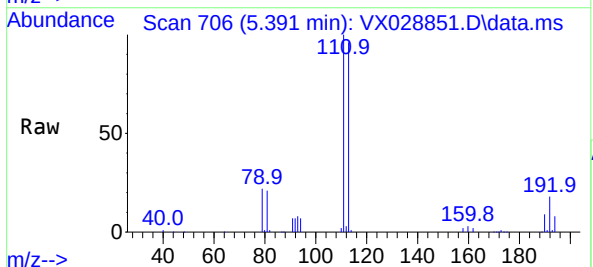
Instrument :
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ClientSampleId :
FB051122

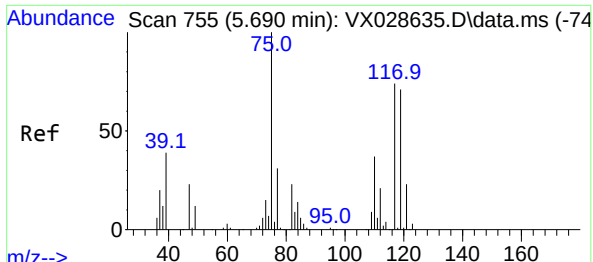
Tgt Ion:114 Resp: 419823
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 15.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion:113 Resp: 135605
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 18.4 16.9 25.3

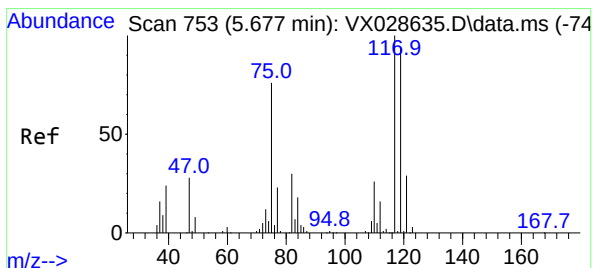
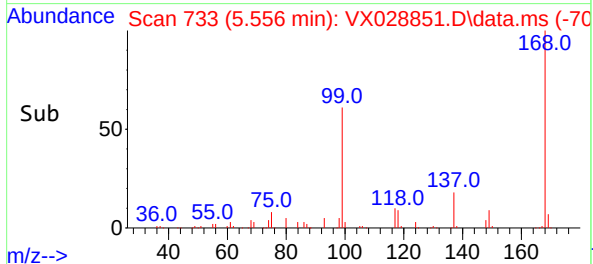
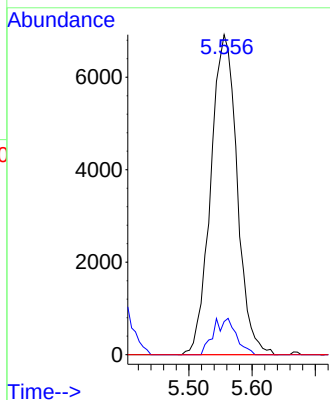
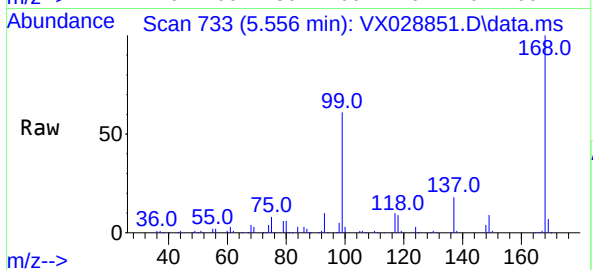




#36
1,1-Dichloropropene
Concen: 4.847 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

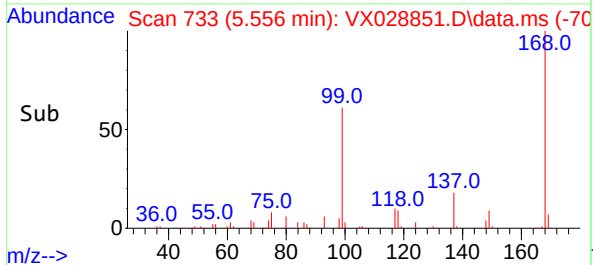
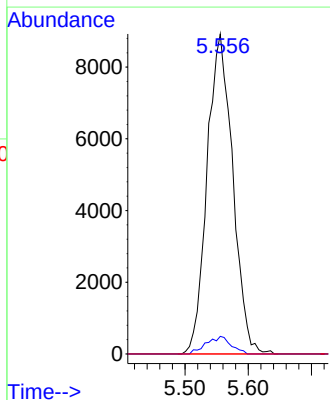
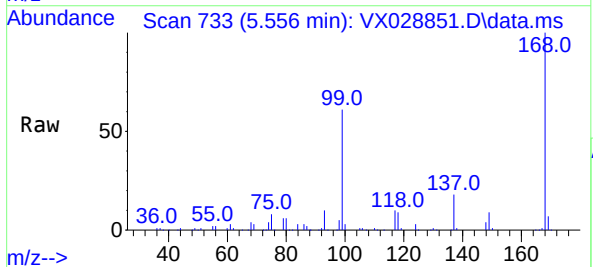
Instrument :
MSVOA_X
ClientSampleId :
FB051122

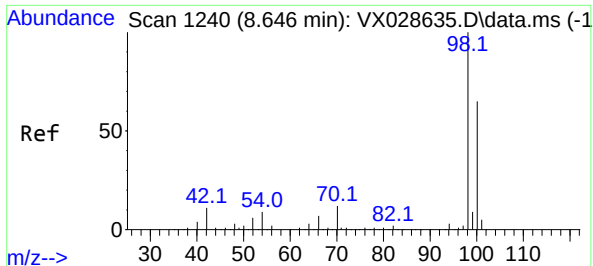
Tgt Ion: 75 Resp: 20024
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.026 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion: 117 Resp: 25054
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.2 36.2#





#50

Toluene-d8

Concen: 48.226 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.007 min

Lab File: VX028851.D

Acq: 20 May 2022 15:23

Instrument :

MSVOA_X

ClientSampleId :

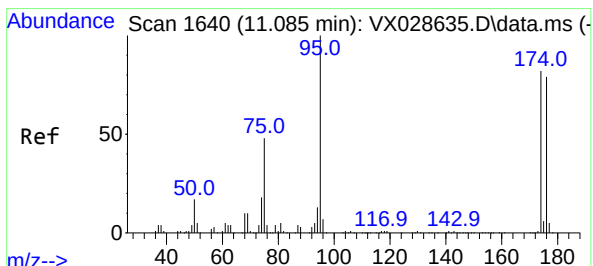
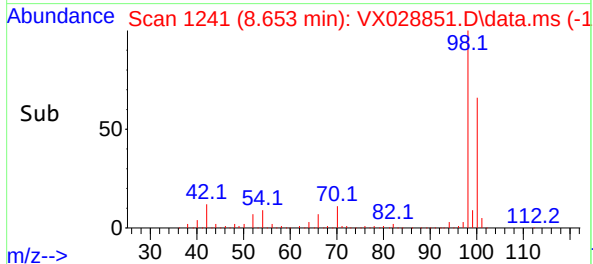
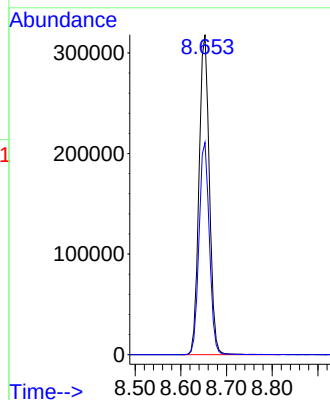
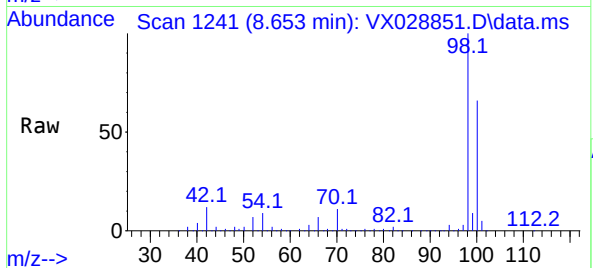
FB051122

Tgt Ion: 98 Resp: 500116

Ion Ratio Lower Upper

98 100

100 66.2 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 43.383 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX028851.D

Acq: 20 May 2022 15:23

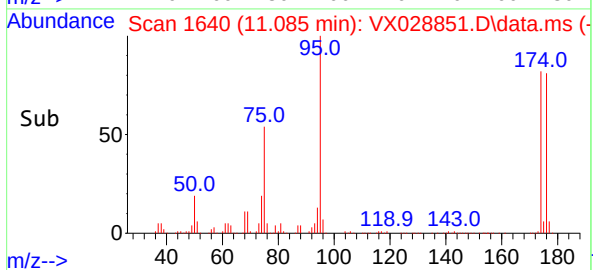
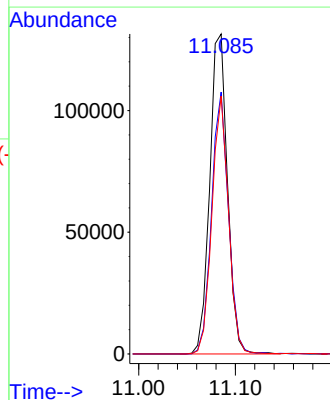
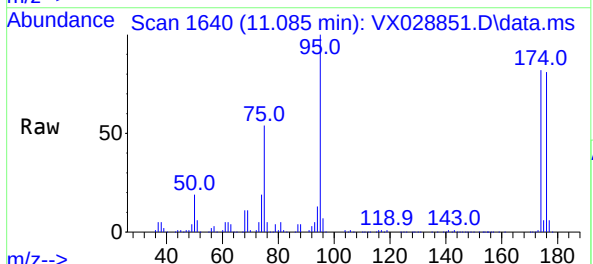
Tgt Ion: 95 Resp: 168038

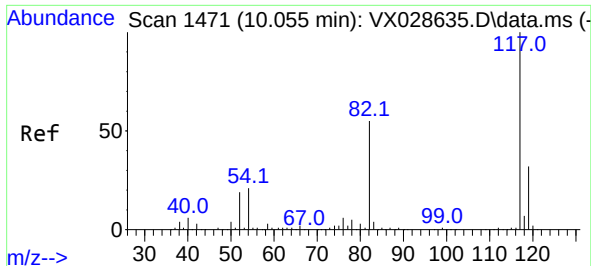
Ion Ratio Lower Upper

95 100

174 77.9 0.0 163.0

176 75.3 0.0 155.0

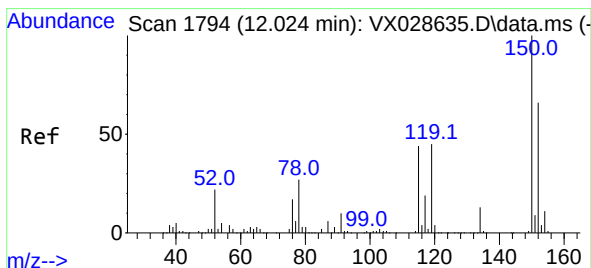
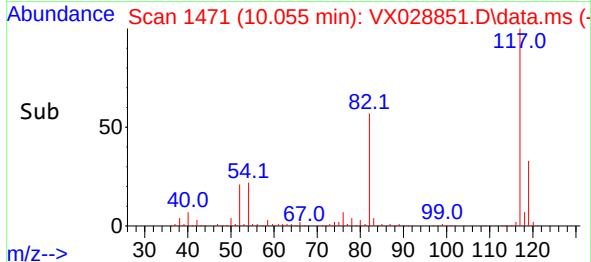
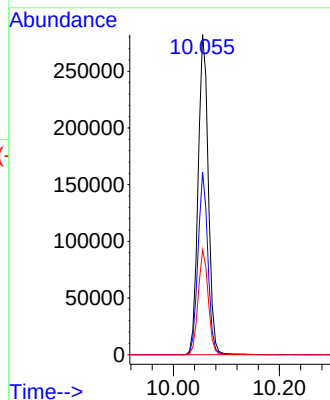
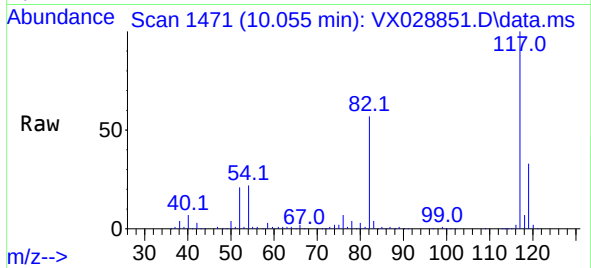




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

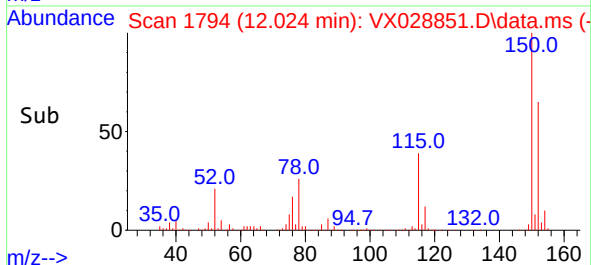
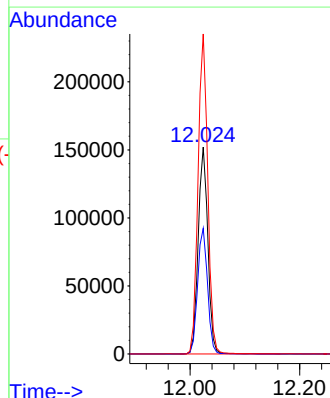
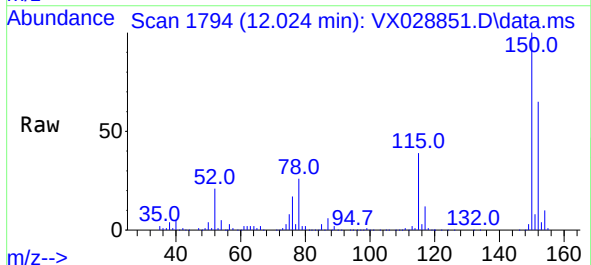
Instrument :
MSVOA_X
ClientSampleId :
FB051122

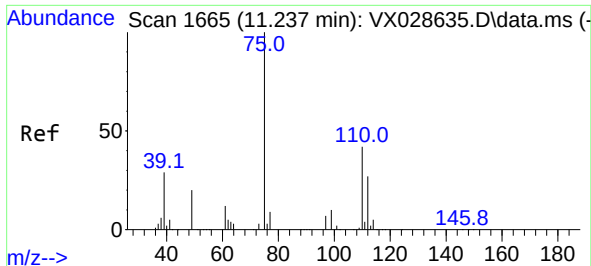
Tgt Ion:117 Resp: 377406
Ion Ratio Lower Upper
117 100
82 57.1 41.8 62.8
119 32.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion:152 Resp: 187118
Ion Ratio Lower Upper
152 100
115 62.2 37.5 112.7
150 155.6 0.0 338.2

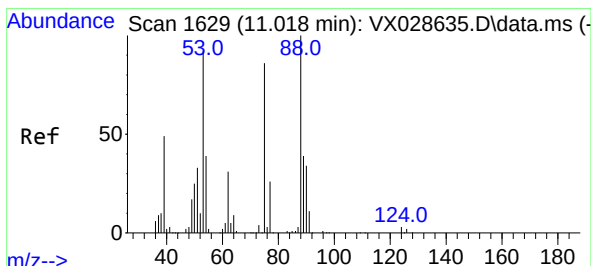
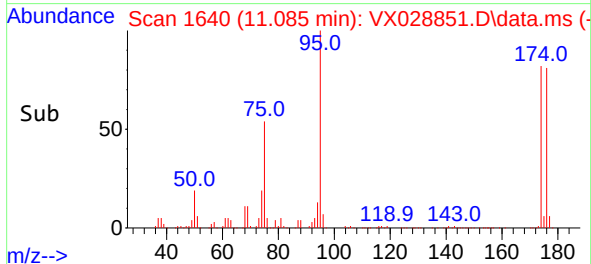
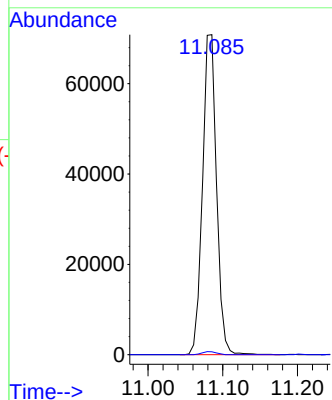
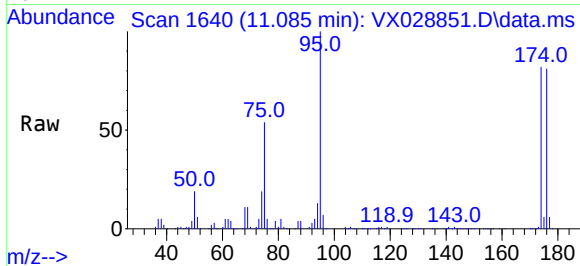




#76
1,2,3-Trichloropropane
Concen: 21.054 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Instrument :
MSVOA_X
ClientSampleId :
FB051122

Tgt Ion: 75 Resp: 92259
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.816 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX028851.D
Acq: 20 May 2022 15:23

Tgt Ion: 75 Resp: 92259
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

