

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033122\
 Data File : VX027843.D
 Acq On : 31 Mar 2022 13:20
 Operator : JC/MD
 Sample : N2041-23
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-20220318

Quant Time: Apr 01 04:07:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

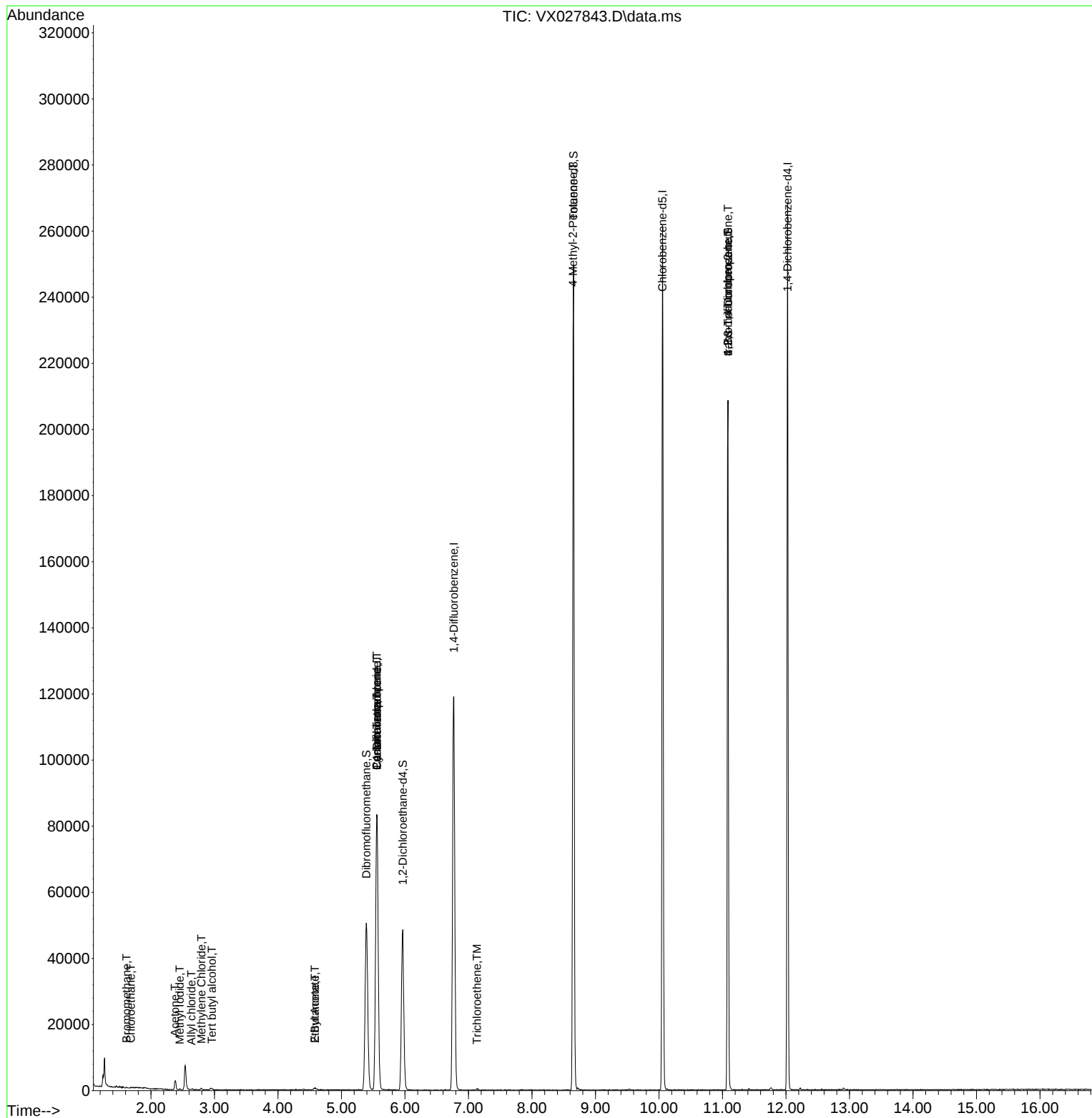
Internal Standards						
1) Pentafluorobenzene	5.556	168	75694	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	129792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	48467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47065	48.190	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.380%
35) Dibromofluoromethane	5.391	113	44188	52.744	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.480%
50) Toluene-d8	8.653	98	149844	50.835	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.660%
62) 4-Bromofluorobenzene	11.085	95	57814	46.153	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.300%
Target Compounds						
						Qvalue
5) Bromomethane	1.618	94	116	0.414	ug/l	# 79
6) Chloroethane	1.685	64	86	0.205	ug/l	# 43
10) Methyl Iodide	2.453	142	185	0.225	ug/l	# 86
11) Tert butyl alcohol	2.959	59	257	1.370	ug/l	# 72
14) Allyl chloride	2.636	41	277	0.232	ug/l	# 25
16) Acetone	2.380	43	3054	7.066	ug/l	# 78
20) Methylene Chloride	2.794	84	253	0.325	ug/l	# 69
25) 2-Butanone	4.581	43	868	1.380	ug/l	100
31) Cyclohexane	5.556	56	1772	1.641	ug/l	# 15
36) 1,1-Dichloropropene	5.556	75	6327	5.996	ug/l	# 50
37) Ethyl Acetate	4.581	43	868	0.664	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	8565	7.347	ug/l	# 15
44) Trichloroethene	7.135	130	177	0.204	ug/l	98
51) 4-Methyl-2-Pentanone	8.647	43	639	0.440	ug/l	# 1
76) 1,2,3-Trichloropropane	11.085	75	29595	26.030	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	29595	76.282	ug/l	# 15

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

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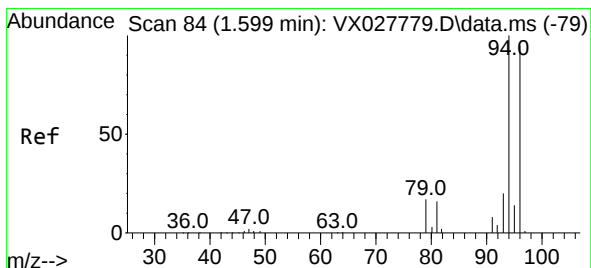
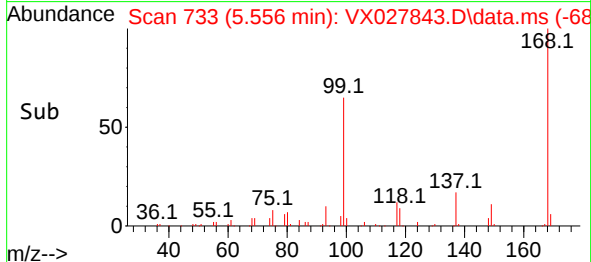
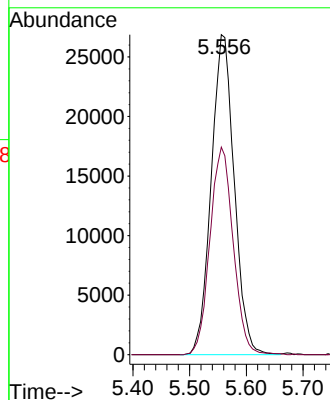
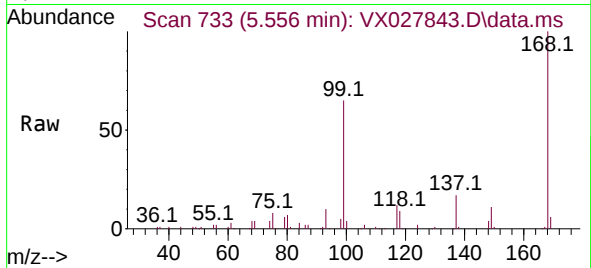




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

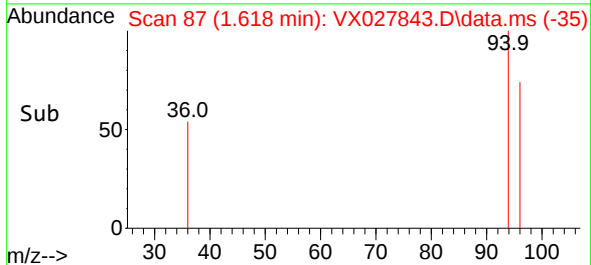
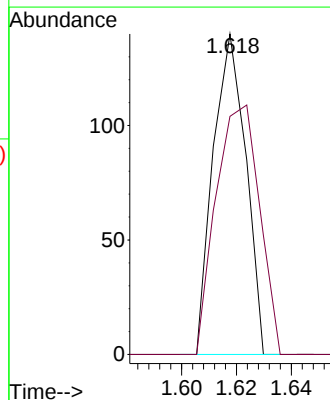
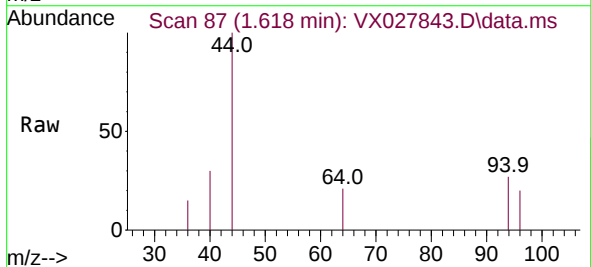
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20220318

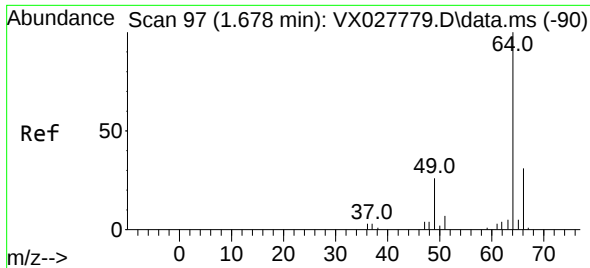
Tgt Ion:168 Resp: 75694
Ion Ratio Lower Upper
168 100
99 64.8 41.7 62.5#



#5
Bromomethane
Concen: 0.414 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Tgt Ion: 94 Resp: 116
Ion Ratio Lower Upper
94 100
96 74.3 75.3 112.9#

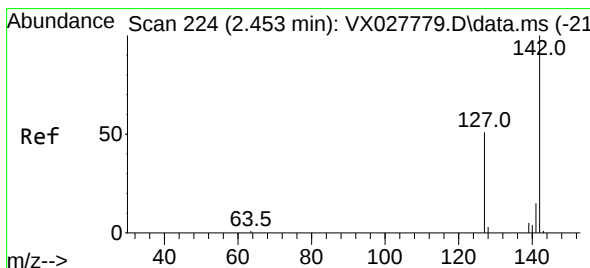
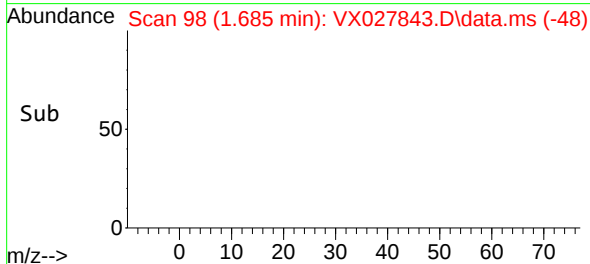
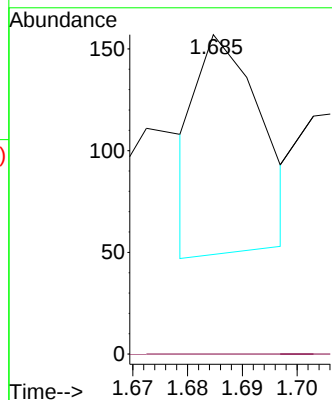
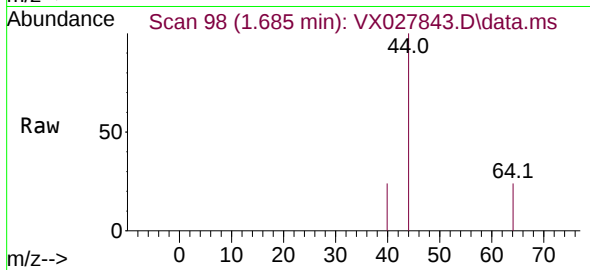




#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.007 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

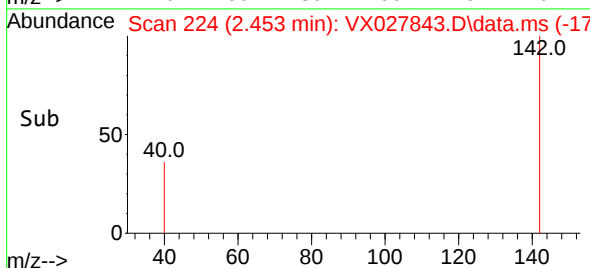
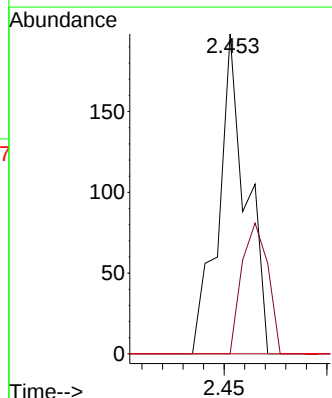
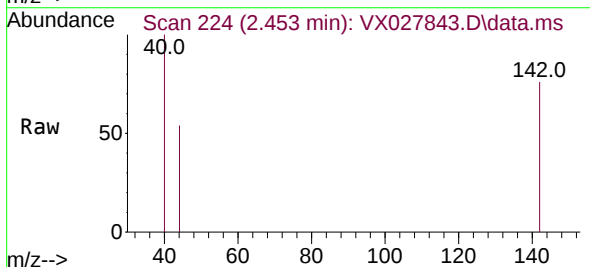
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20220318

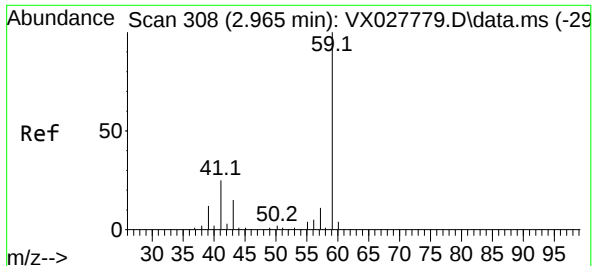
Tgt Ion: 64 Resp: 86
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Tgt Ion: 142 Resp: 185
Ion Ratio Lower Upper
142 100
127 38.4 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 1.370 ug/l

RT: 2.959 min Scan# 308

Delta R.T. -0.006 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

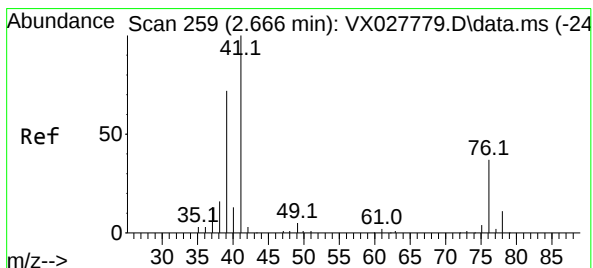
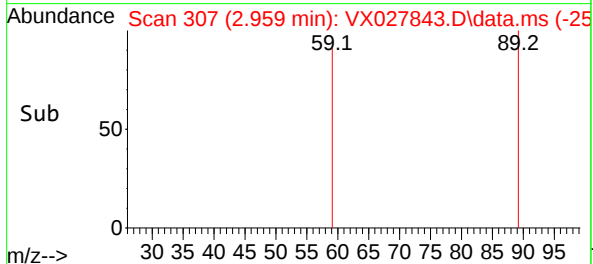
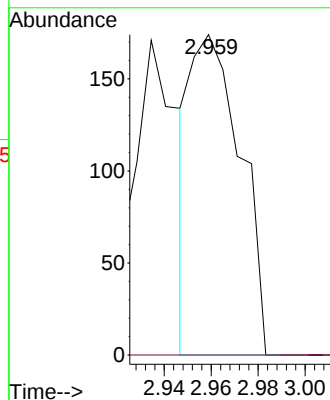
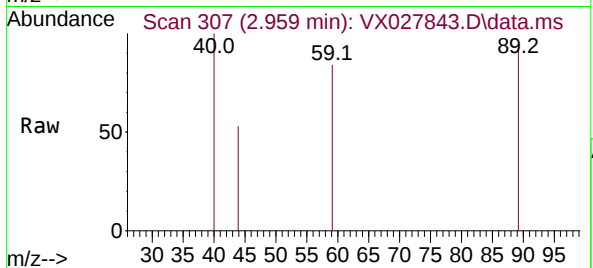
FB-01-20220318

Tgt Ion: 59 Resp: 257

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#14

Allyl chloride

Concen: 0.232 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.030 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

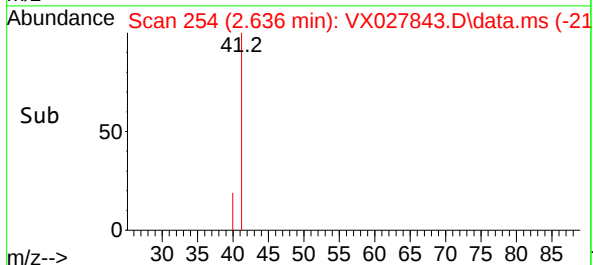
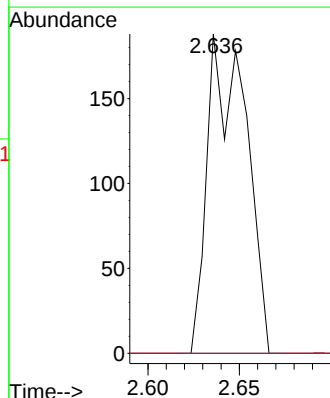
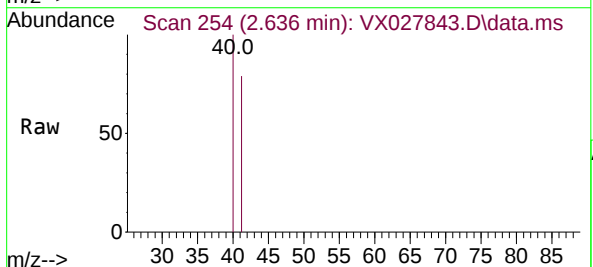
Tgt Ion: 41 Resp: 277

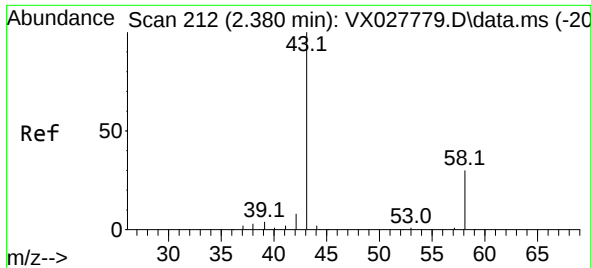
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

76 0.0 32.7 49.1#

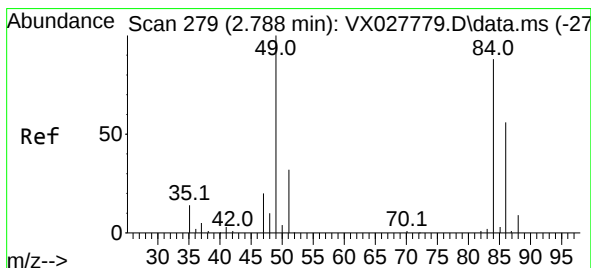
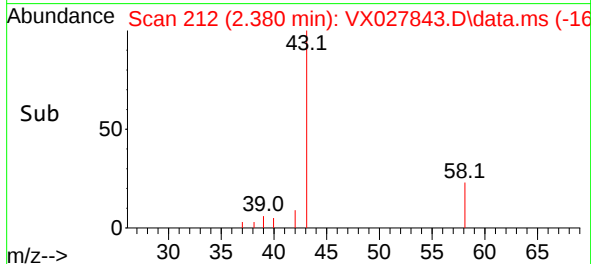
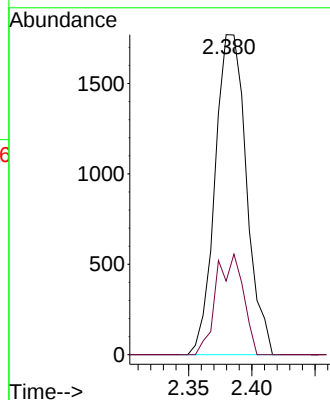
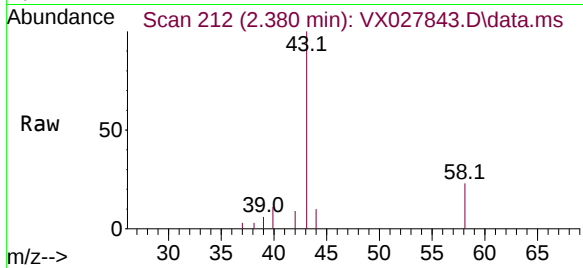




#16
Acetone
Concen: 7.066 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

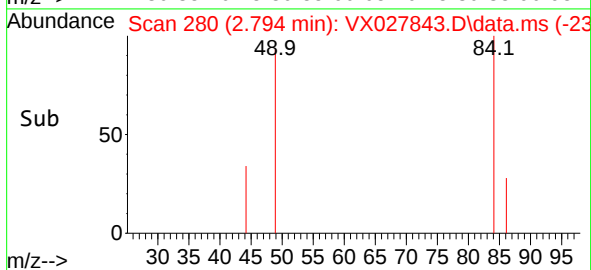
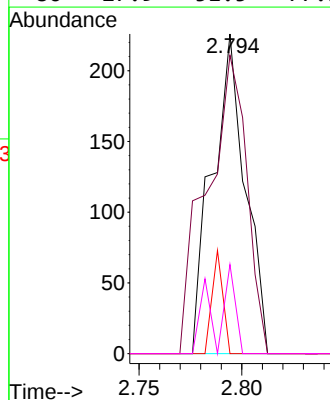
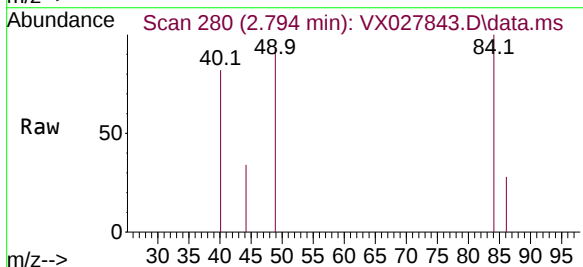
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20220318

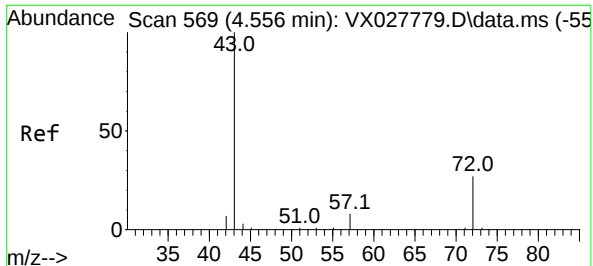
Tgt Ion: 43 Resp: 3054
Ion Ratio Lower Upper
43 100
58 23.0 28.8 43.2#



#20
Methylene Chloride
Concen: 0.325 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Tgt Ion: 84 Resp: 253
Ion Ratio Lower Upper
84 100
49 93.4 85.5 128.3
51 0.0 26.6 39.8#
86 27.9 51.5 77.3#





#25

2-Butanone

Concen: 1.380 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

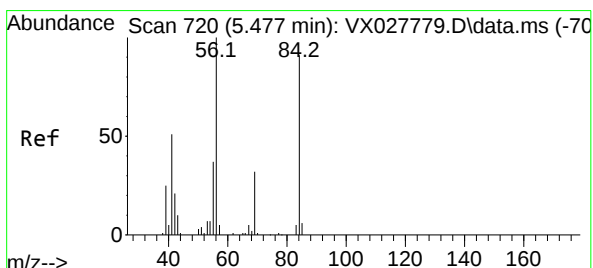
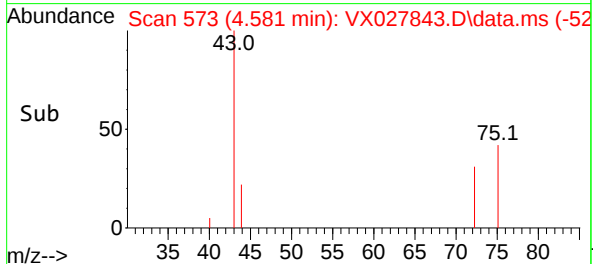
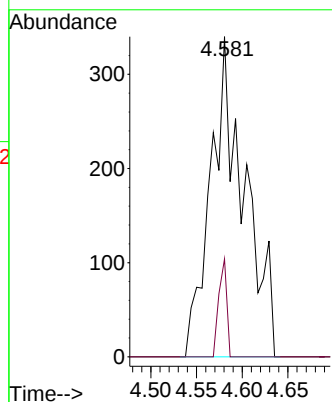
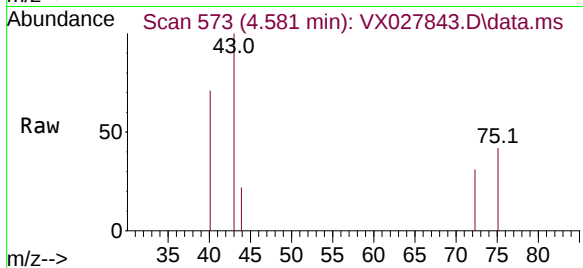
FB-01-20220318

Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

72 30.6 24.4 36.6



#31

Cyclohexane

Concen: 1.641 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

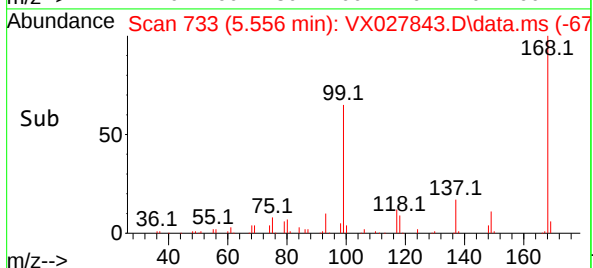
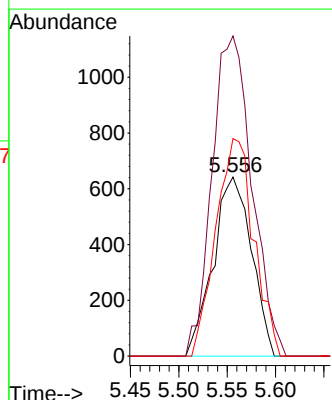
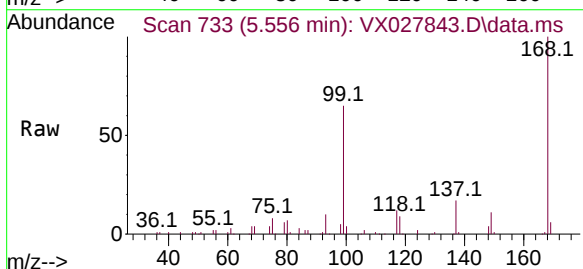
Tgt Ion: 56 Resp: 1772

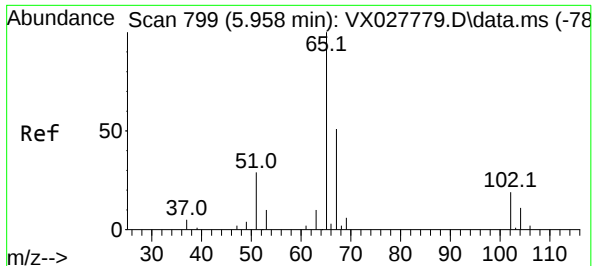
Ion Ratio Lower Upper

56 100

69 178.8 26.7 40.1#

84 121.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 48.190 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

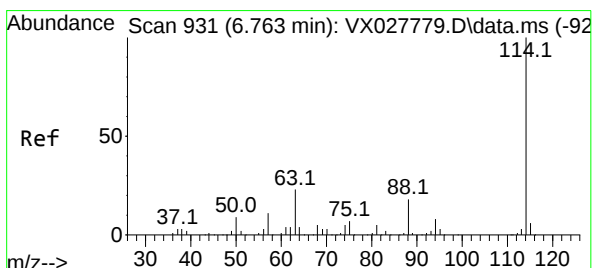
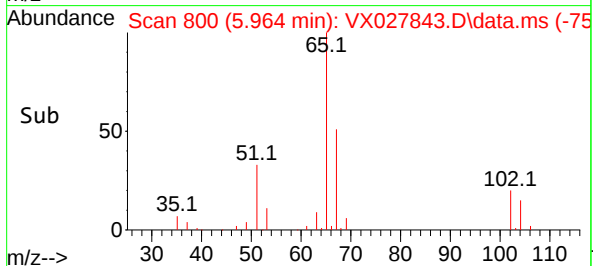
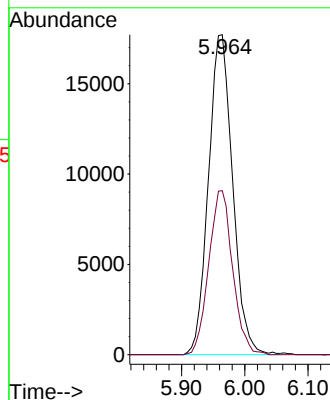
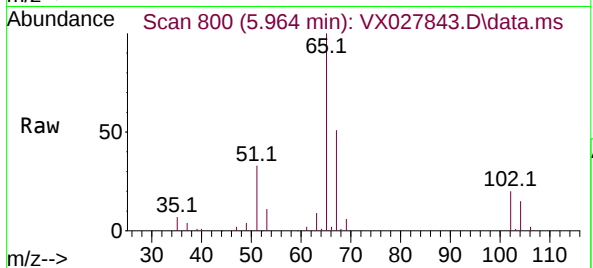
FB-01-20220318

Tgt Ion: 65 Resp: 47065

Ion Ratio Lower Upper

65 100

67 50.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

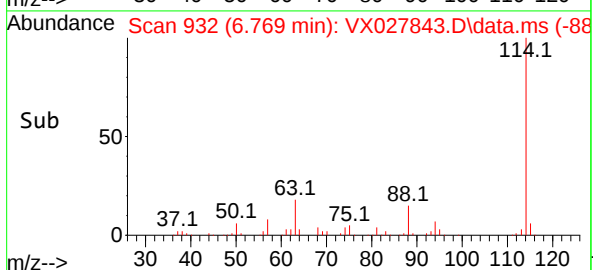
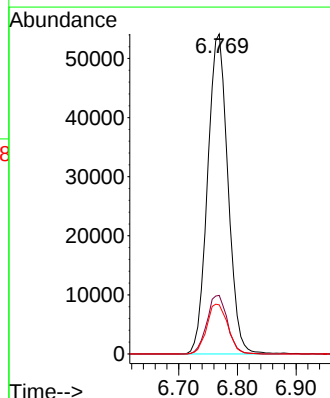
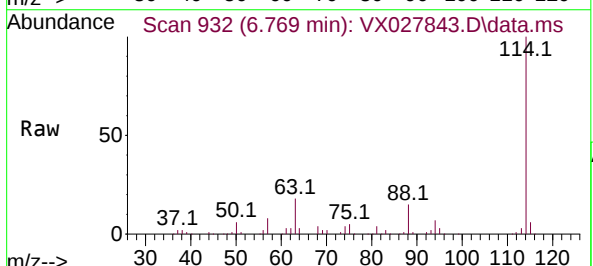
Tgt Ion: 114 Resp: 129792

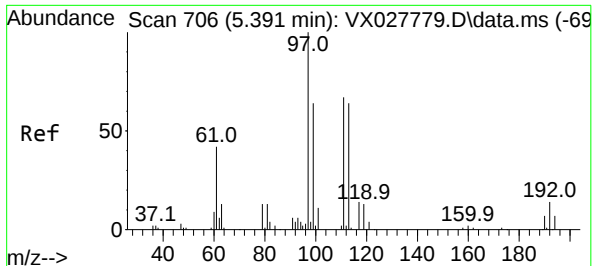
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.744 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027843.D

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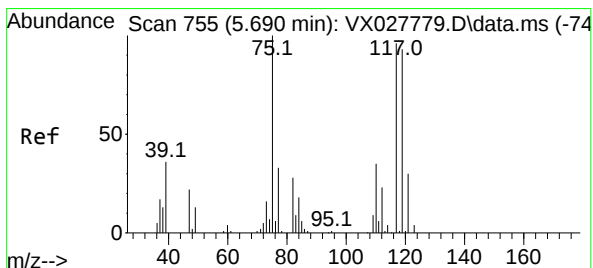
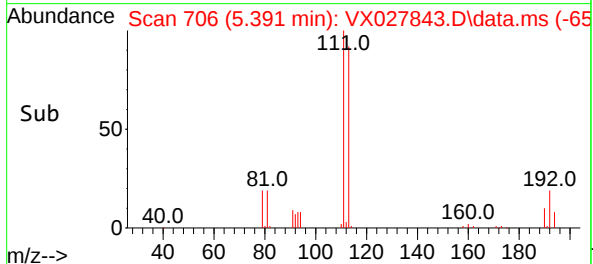
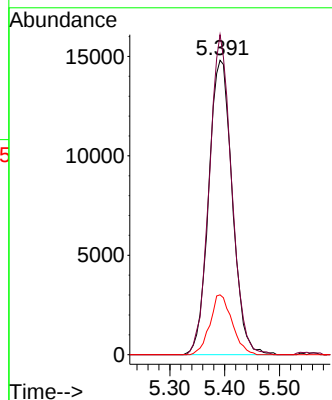
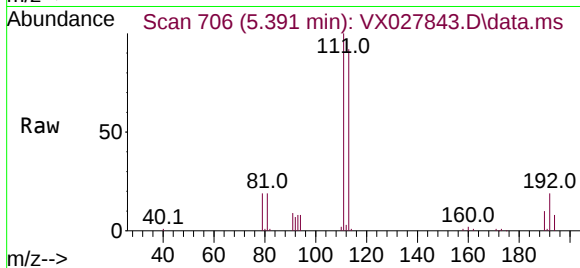
Tgt Ion:113 Resp: 44188

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

192 19.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 5.996 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

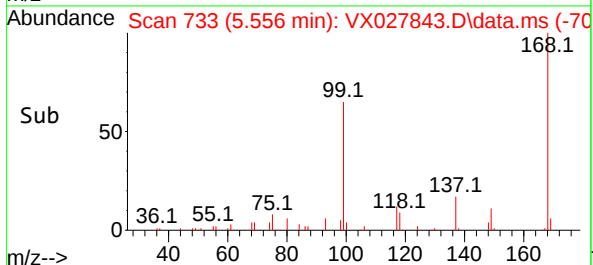
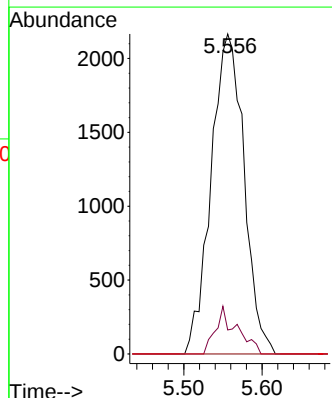
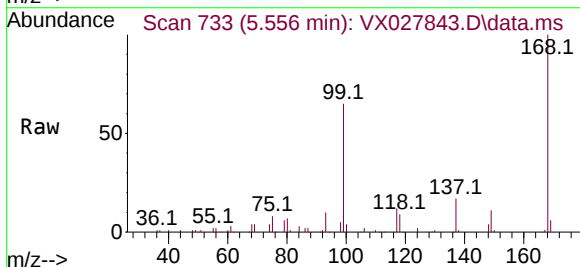
Tgt Ion: 75 Resp: 6327

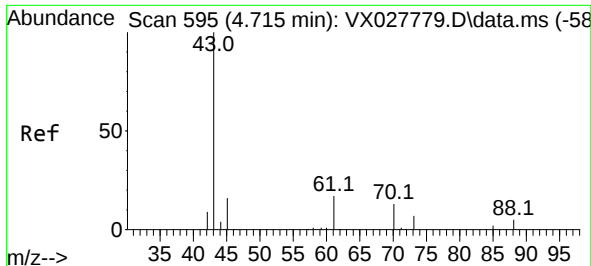
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.664 ug/l

RT: 4.581 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

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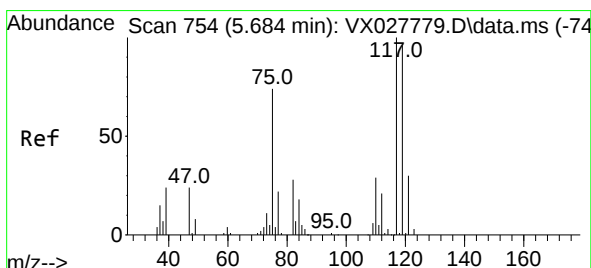
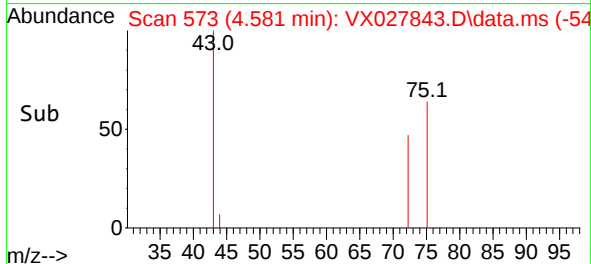
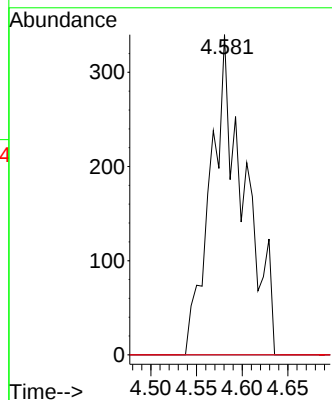
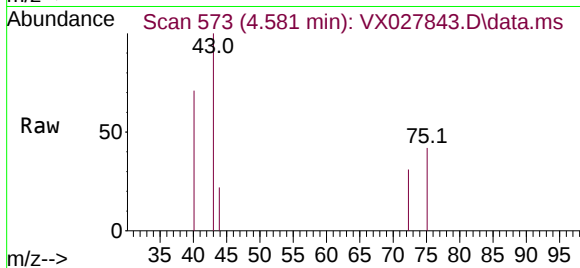
Tgt Ion: 43 Resp: 868

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 7.347 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027843.D

Acq: 31 Mar 2022 13:20

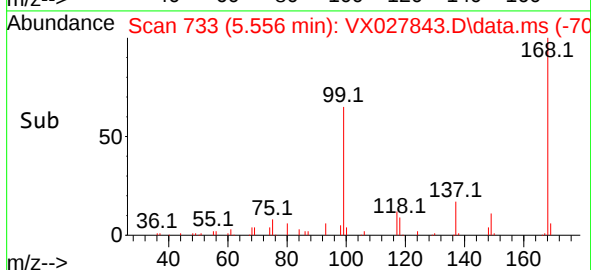
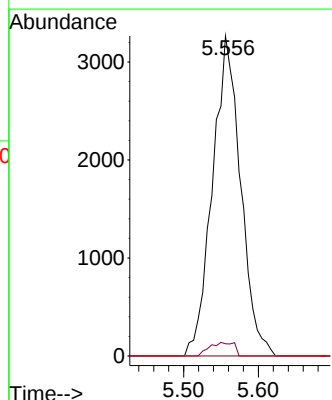
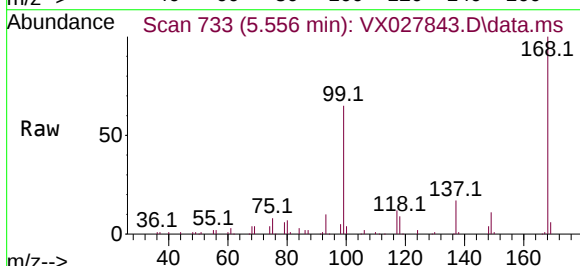
Tgt Ion: 117 Resp: 8565

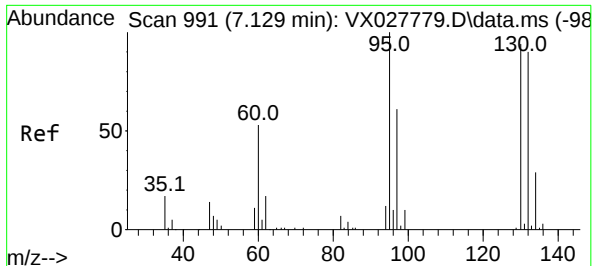
Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

121 0.0 24.2 36.2#

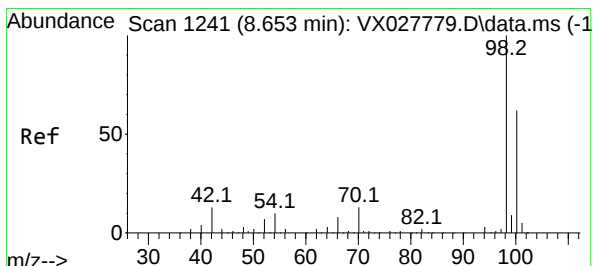
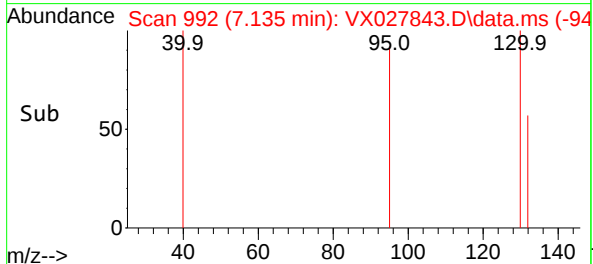
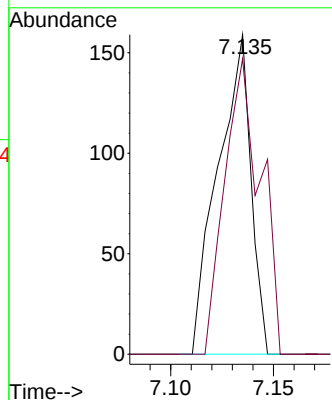
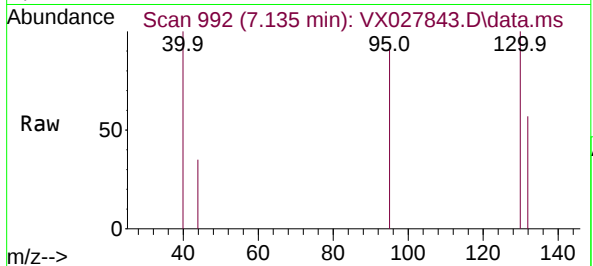




#44
 Trichloroethene
 Concen: 0.204 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX027843.D
 Acq: 31 Mar 2022 13:20

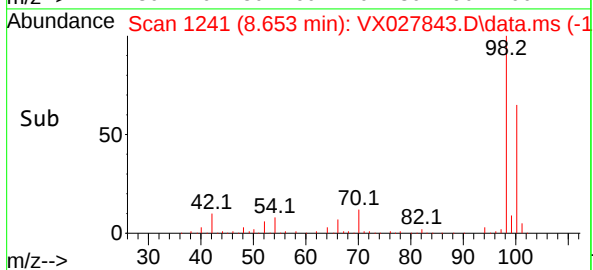
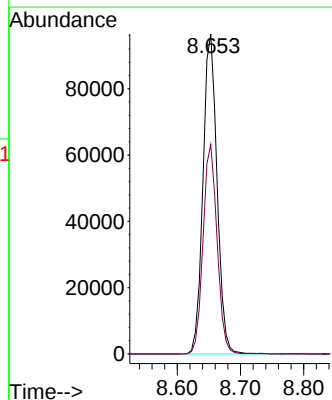
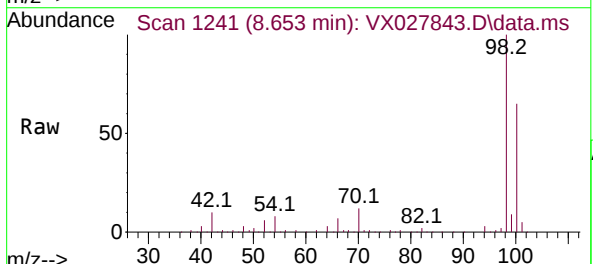
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-01-20220318

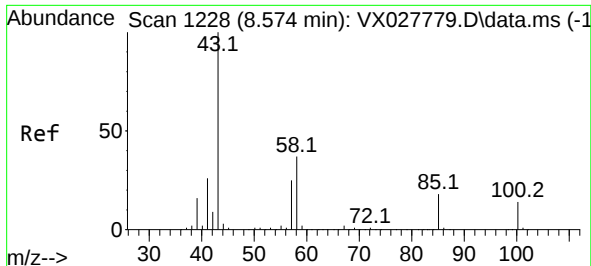
Tgt Ion:130 Resp: 177
 Ion Ratio Lower Upper
 130 100
 95 92.5 0.0 188.8



#50
 Toluene-d8
 Concen: 50.835 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX027843.D
 Acq: 31 Mar 2022 13:20

Tgt Ion: 98 Resp: 149844
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.6 78.8

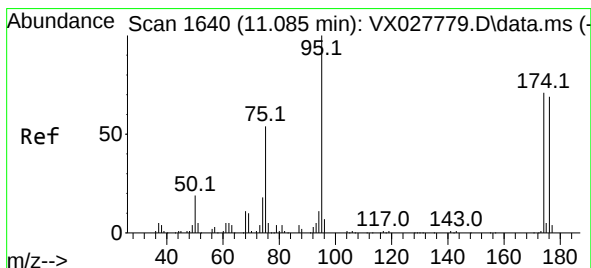
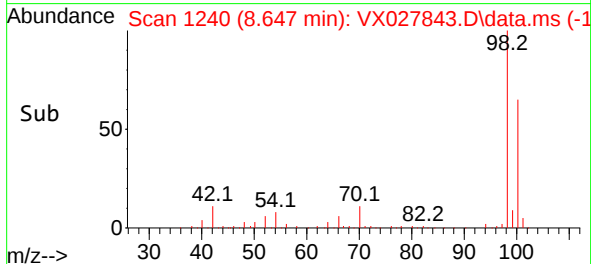
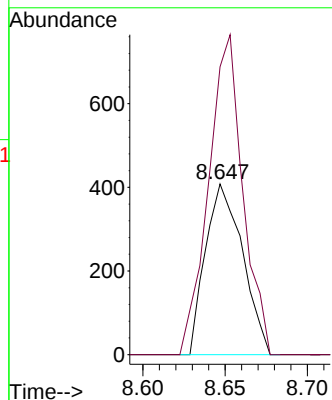
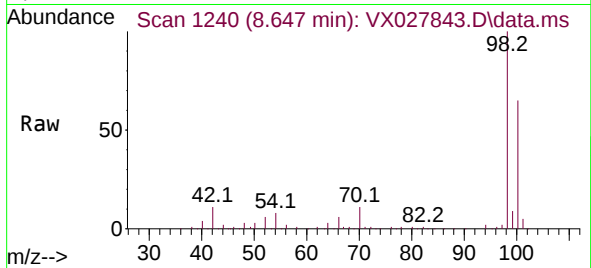




#51
4-Methyl-2-Pentanone
Concen: 0.440 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

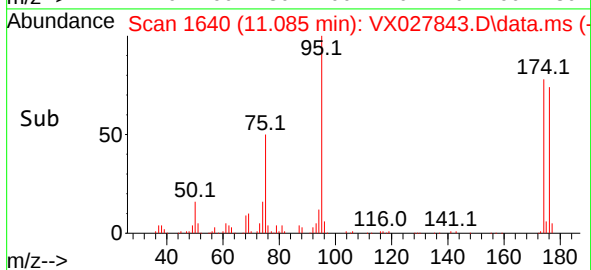
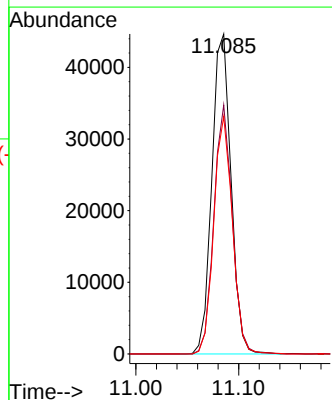
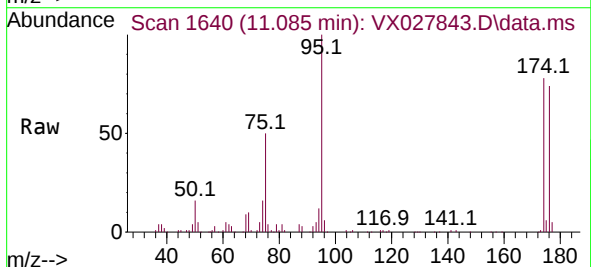
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20220318

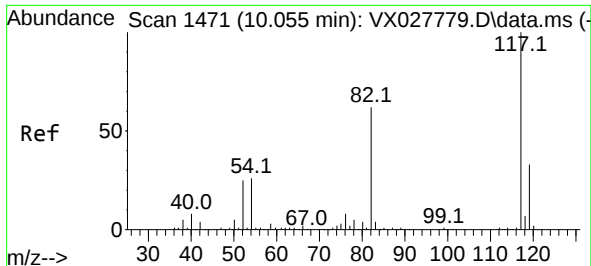
Tgt Ion: 43 Resp: 639
Ion Ratio Lower Upper
43 100
58 173.7 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 46.153 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Tgt Ion: 95 Resp: 57814
Ion Ratio Lower Upper
95 100
174 74.6 0.0 163.0
176 72.1 0.0 155.0

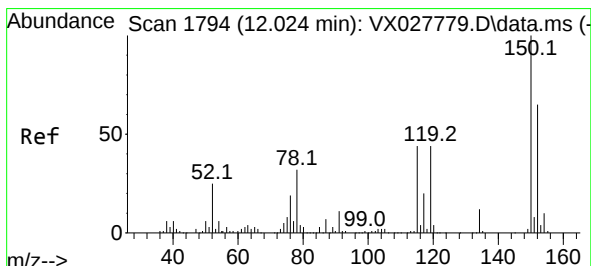
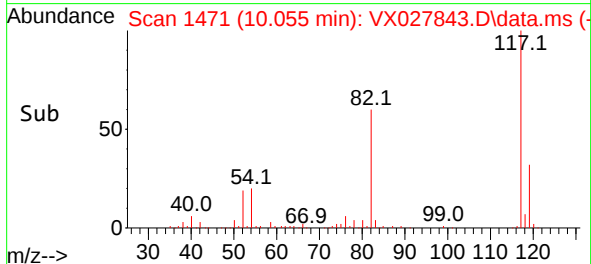
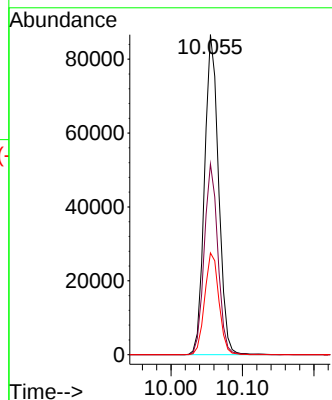
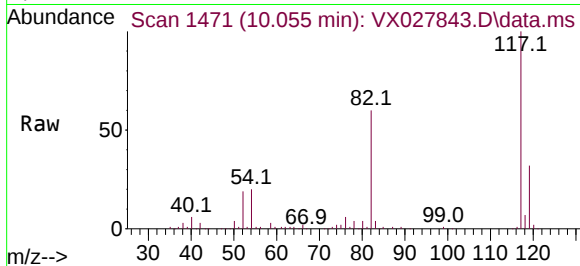




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

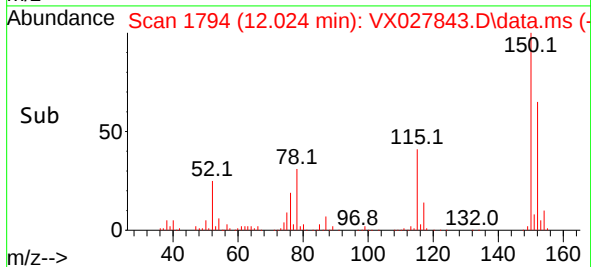
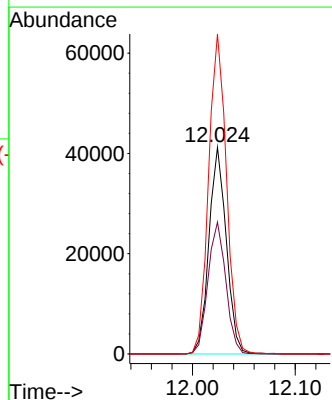
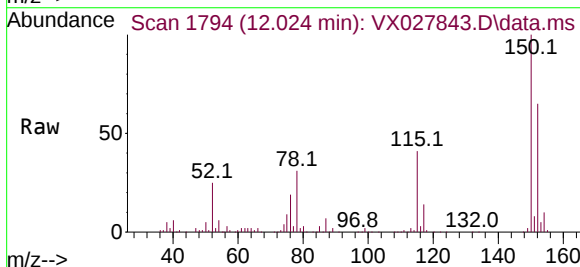
Instrument :
MSVOA_X
ClientSampleId :
FB-01-20220318

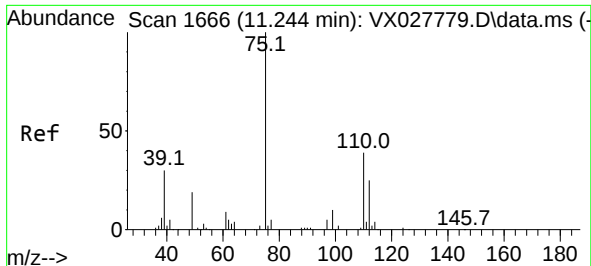
Tgt Ion:117 Resp: 118243
Ion Ratio Lower Upper
117 100
82 59.6 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Tgt Ion:152 Resp: 48467
Ion Ratio Lower Upper
152 100
115 65.5 37.5 112.7
150 159.1 0.0 338.2

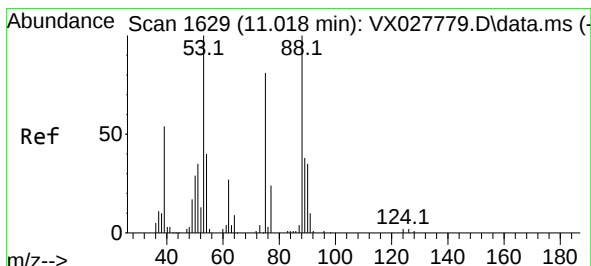
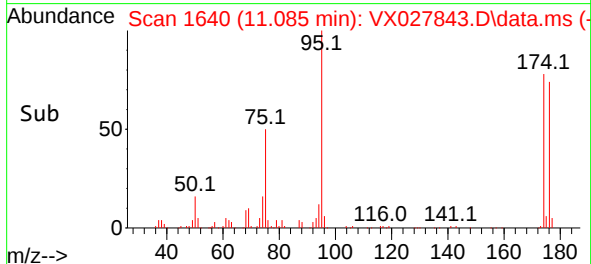
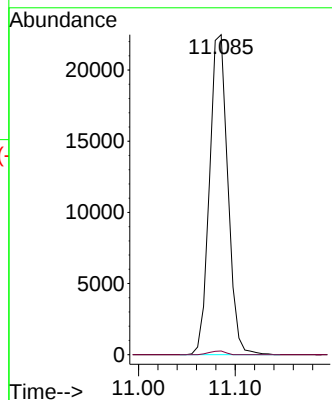
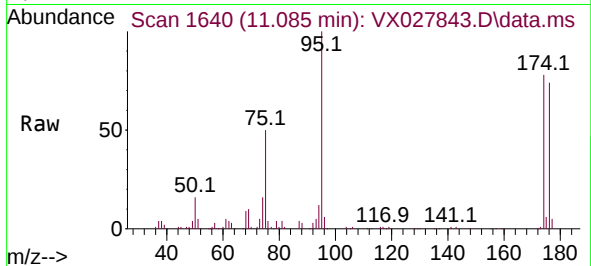




#76
1,2,3-Trichloropropane
Concen: 26.030 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
FB-01-20220318

Tgt Ion: 75 Resp: 29595
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.282 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027843.D
Acq: 31 Mar 2022 13:20

Tgt Ion: 75 Resp: 29595
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

