

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029864.D
 Acq On : 29 Jun 2022 16:07
 Operator : JC/MD
 Sample : N3485-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220623

Quant Time: Jun 29 23:00:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

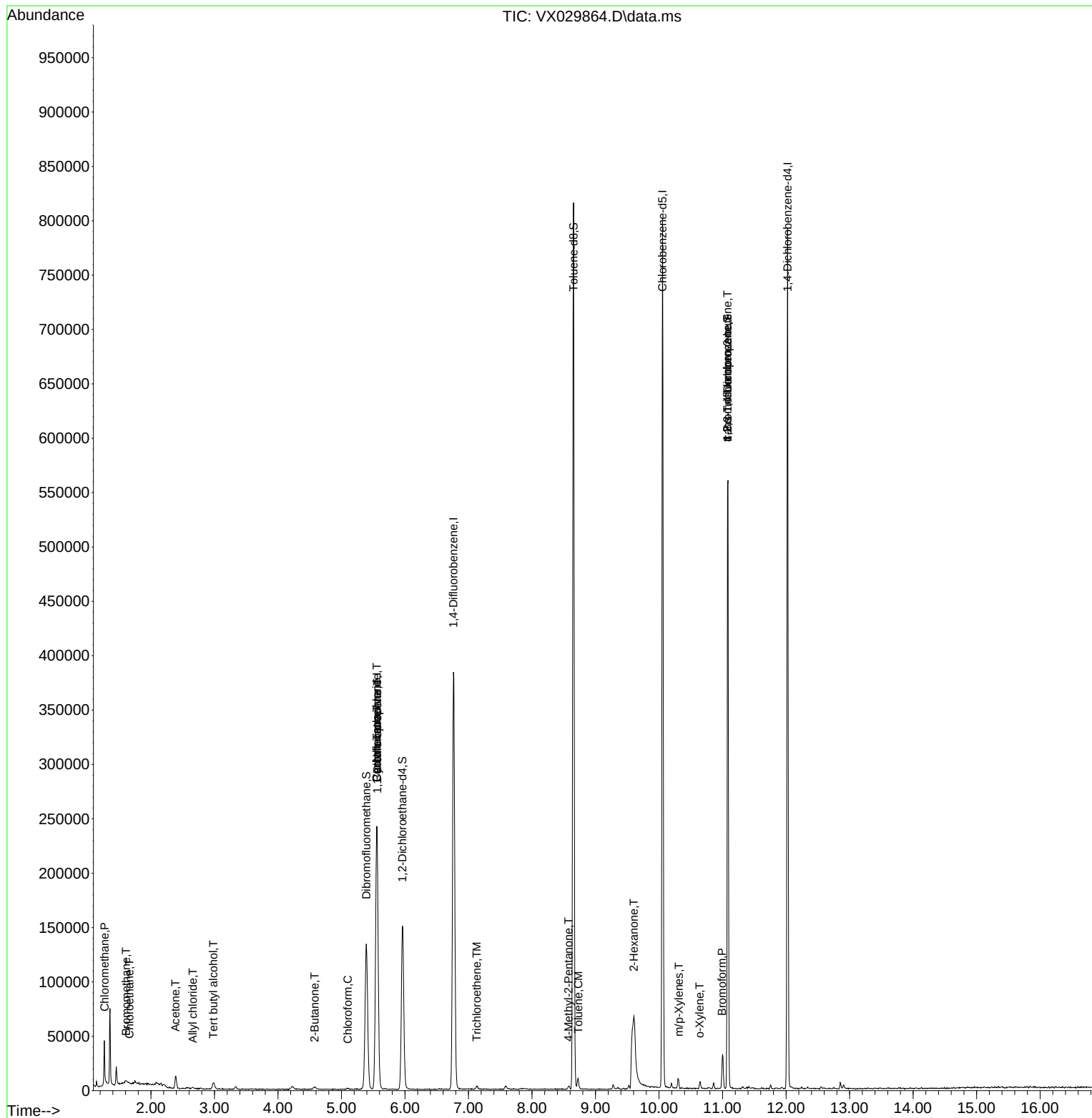
Internal Standards						
1) Pentafluorobenzene	5.556	168	244509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	418682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133682	43.192	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.380%
35) Dibromofluoromethane	5.391	113	117809	45.025	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.040%
50) Toluene-d8	8.653	98	485598	49.471	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.940%
62) 4-Bromofluorobenzene	11.079	95	159934	46.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.270	50	680	0.248	ug/l #	42
5) Bromomethane	1.605	94	311	0.207	ug/l #	36
6) Chloroethane	1.660	64	241	1.154	ug/l #	41
11) Tert butyl alcohol	2.983	59	8640	10.674	ug/l #	91
13) Acrolein	2.264	56	113	Below Cal	#	14
14) Allyl chloride	2.660	41	1761	0.379	ug/l #	57
16) Acetone	2.386	43	13350	8.817	ug/l	91
25) 2-Butanone	4.574	43	4926	1.874	ug/l	94
30) Chloroform	5.099	83	1219	0.251	ug/l #	82
31) Cyclohexane	5.556	56	5111	1.184	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	18045	5.185	ug/l #	47
38) Carbon Tetrachloride	5.556	117	21249	7.047	ug/l #	17
44) Trichloroethene	7.129	130	1038	0.343	ug/l	81
51) 4-Methyl-2-Pentanone	8.574	43	2345	0.496	ug/l	98
52) Toluene	8.726	92	3718	0.548	ug/l	98
59) 2-Hexanone	9.604	43	40949	11.165	ug/l #	45
68) m/p-Xylenes	10.311	106	2243	0.462	ug/l	93
69) o-Xylene	10.640	106	1395	0.284	ug/l	96
71) Bromoform	10.994	173	1168	0.674	ug/l #	29
76) 1,2,3-Trichloropropane	11.079	75	75313	19.771	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75313	62.788	ug/l #	12

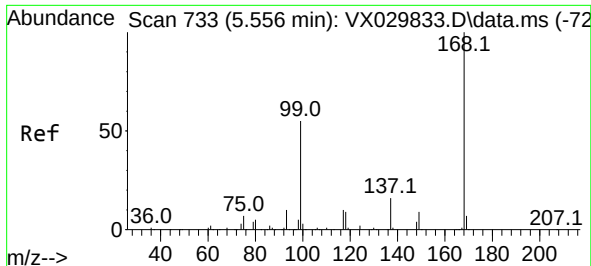
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

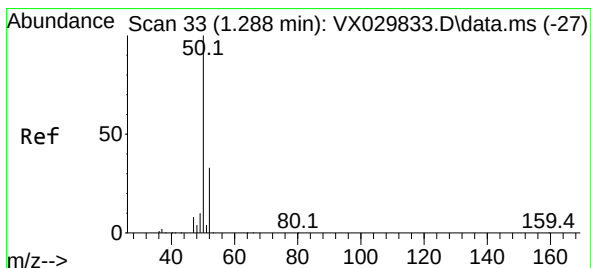
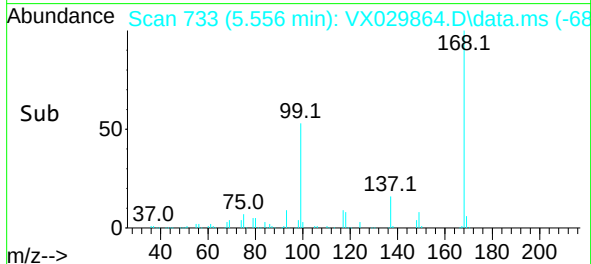
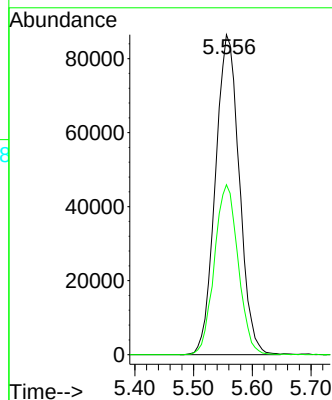
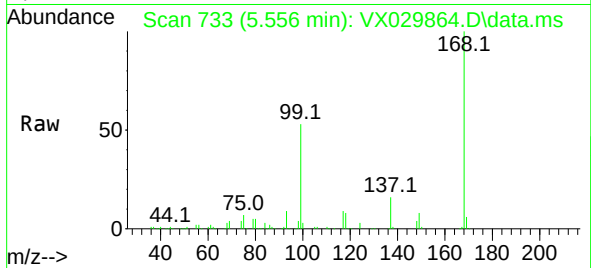




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

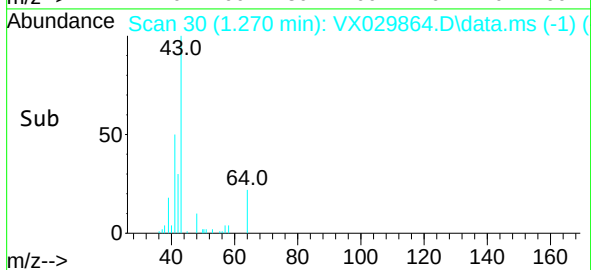
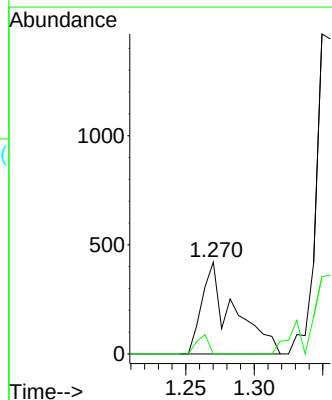
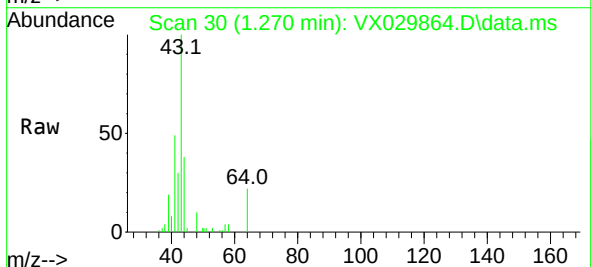
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

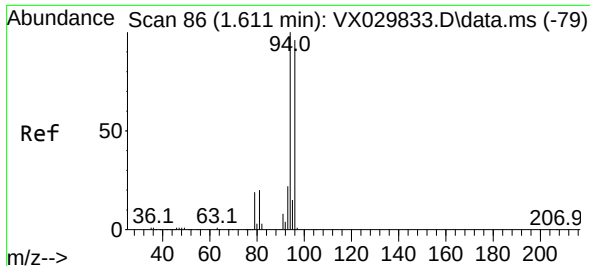
Tgt Ion:168 Resp: 244509
Ion Ratio Lower Upper
168 100
99 53.1 44.0 66.0



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.270 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 50 Resp: 680
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

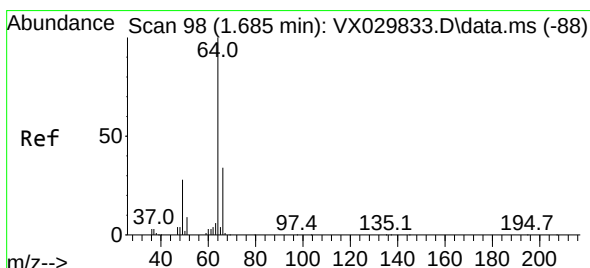
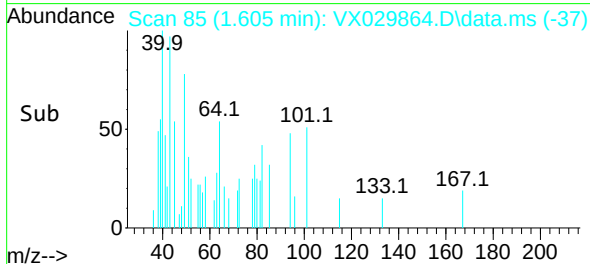
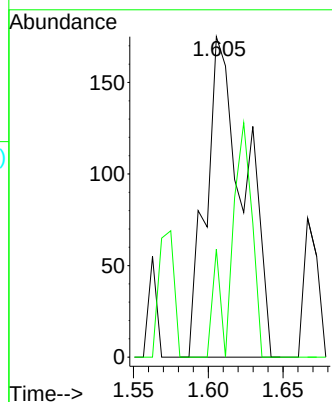
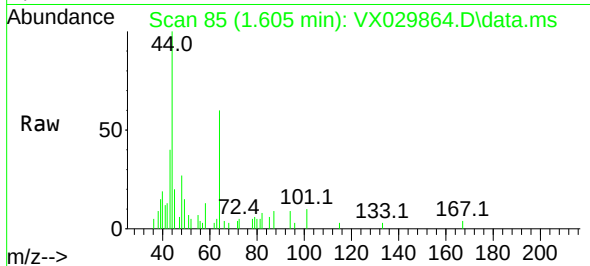




#5
Bromomethane
Concen: 0.207 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

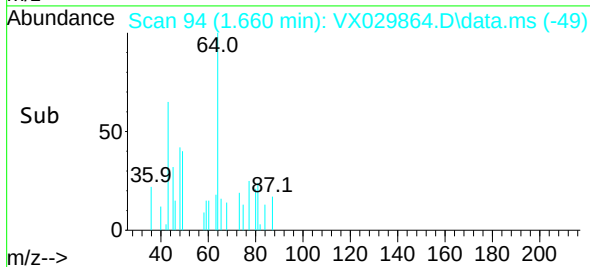
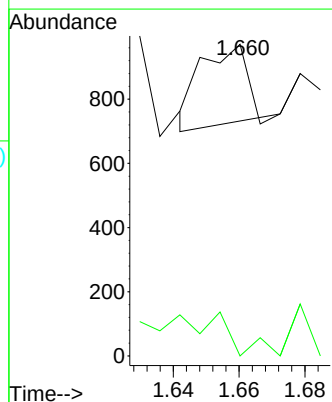
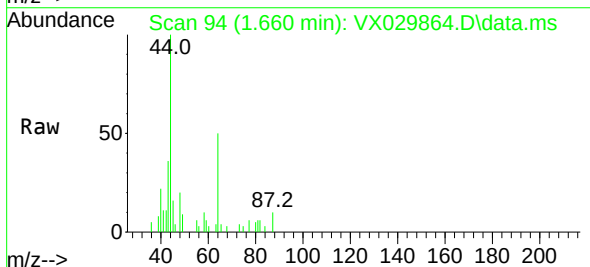
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

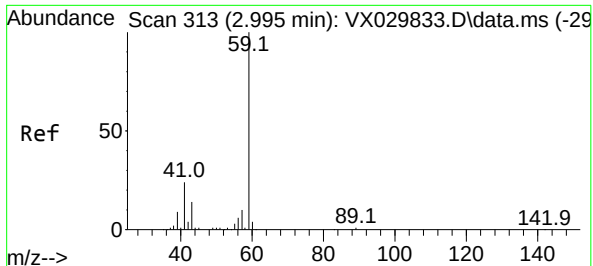
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 33.7 76.9 115.3#



#6
Chloroethane
Concen: 1.154 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 64 Resp: 241
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

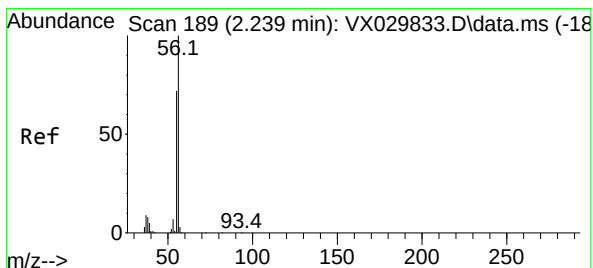
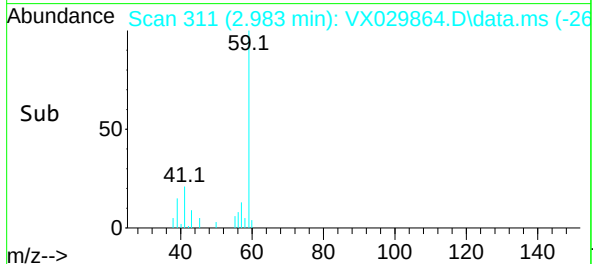
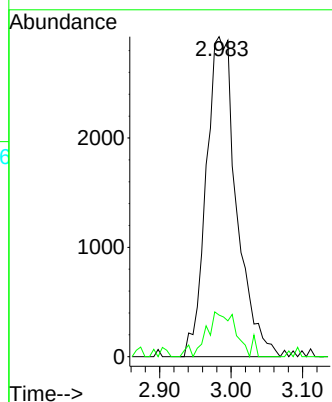
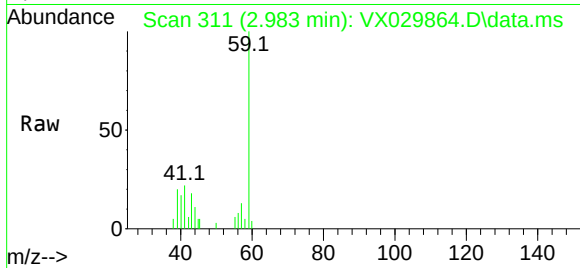




#11
Tert butyl alcohol
Concen: 10.674 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

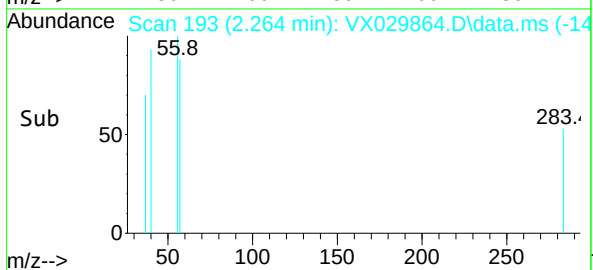
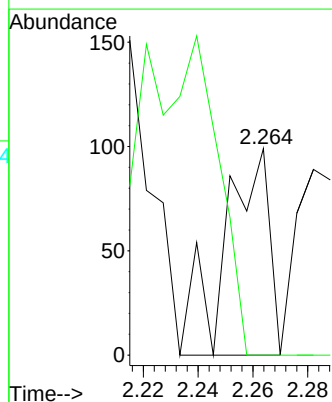
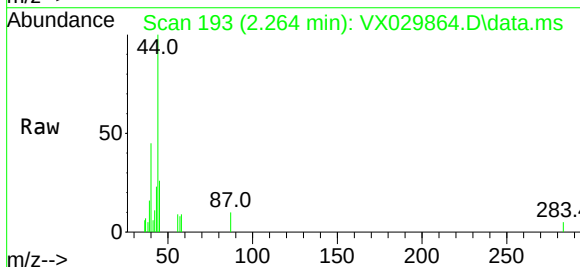
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

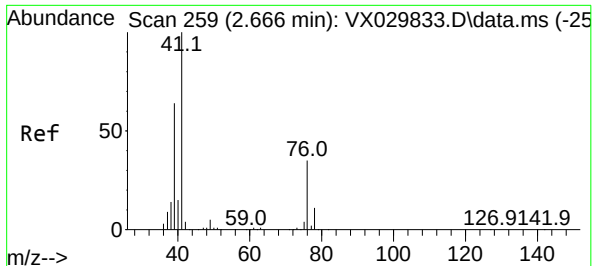
Tgt Ion: 59 Resp: 8640
Ion Ratio Lower Upper
59 100
57 12.6 7.4 11.2#



#13
Acrolein
Concen: Below Cal
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 56 Resp: 113
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

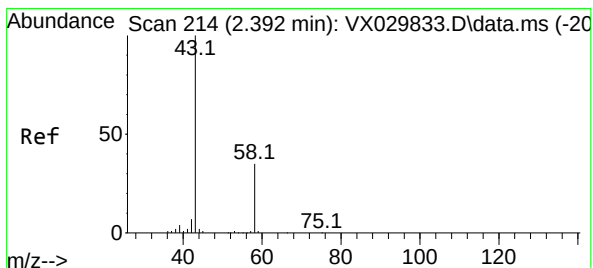
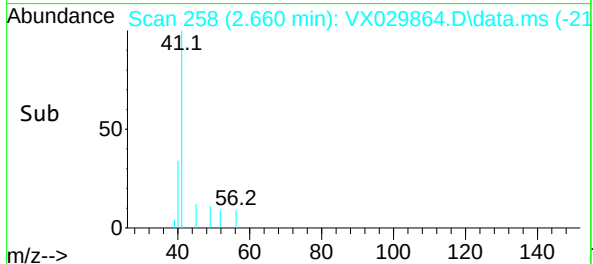
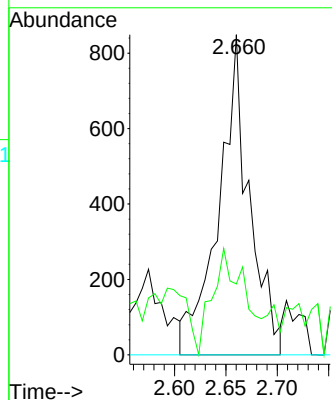
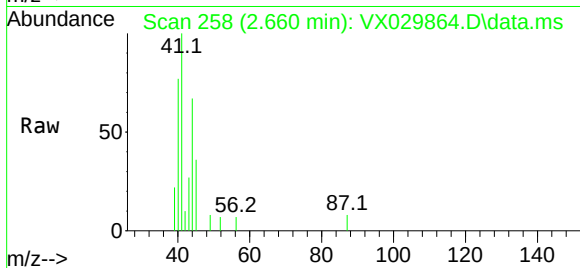




#14
Allyl chloride
Concen: 0.379 ug/l
RT: 2.660 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

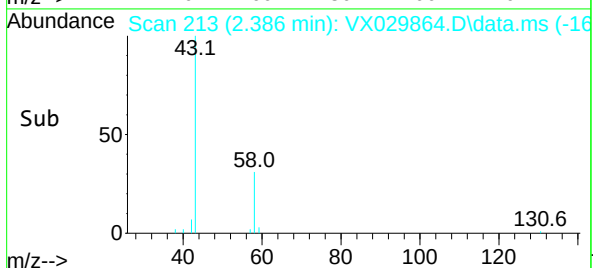
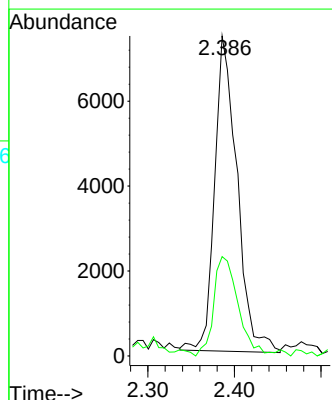
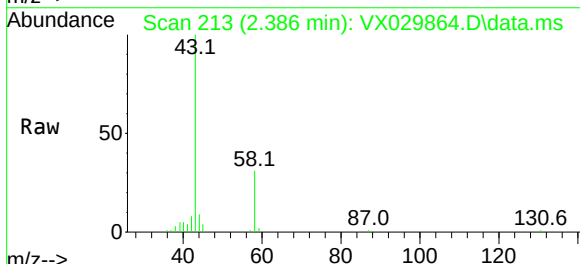
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

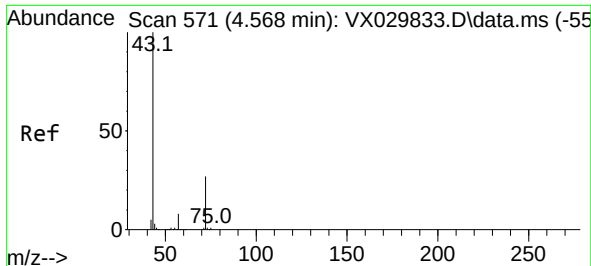
Tgt Ion: 41 Resp: 1761
Ion Ratio Lower Upper
41 100
39 35.0 48.9 73.3#
76 0.0 26.9 40.3#



#16
Acetone
Concen: 8.817 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 43 Resp: 13350
Ion Ratio Lower Upper
43 100
58 29.7 27.7 41.5

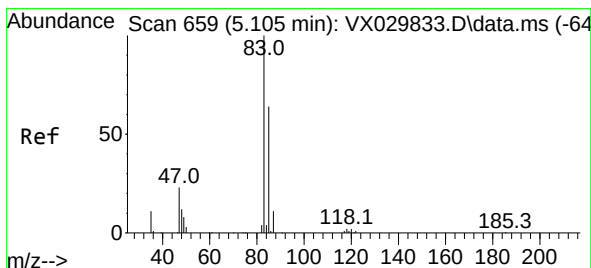
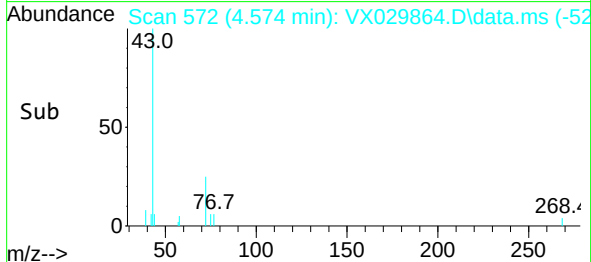
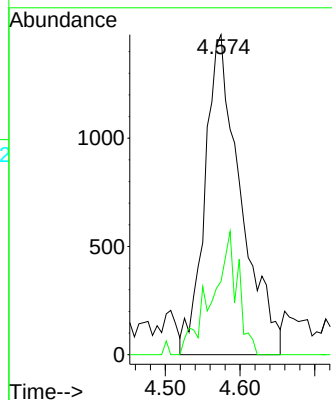
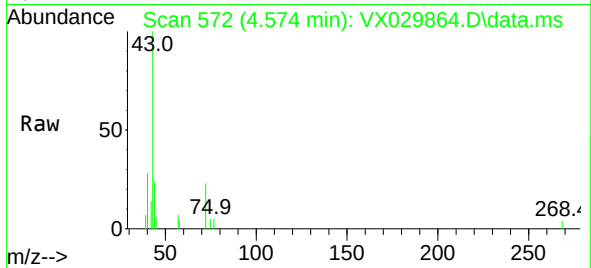




#25
2-Butanone
Concen: 1.874 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

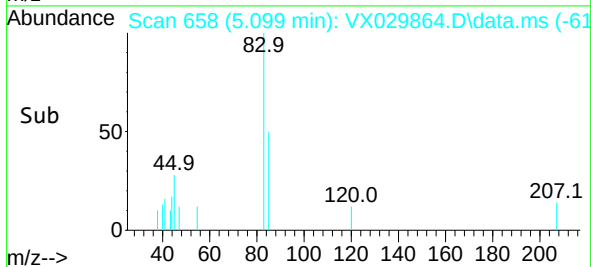
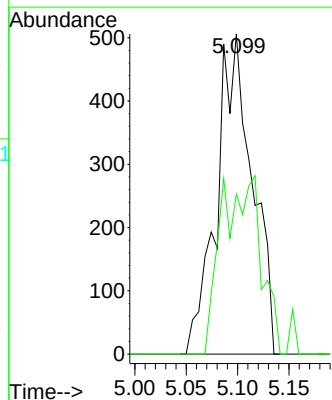
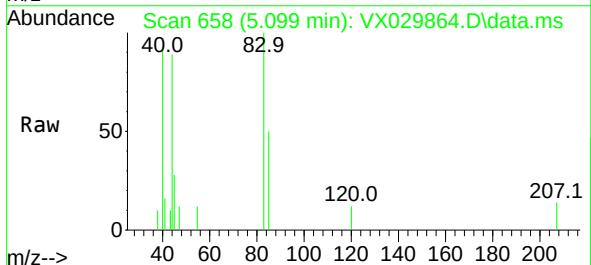
Instrument :
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ClientSampleId :
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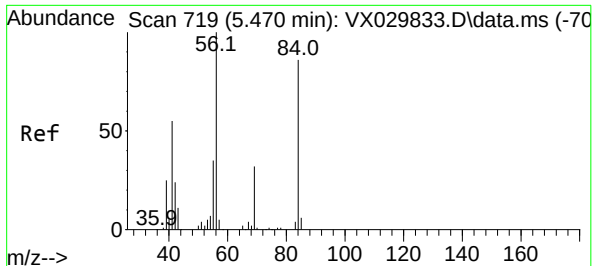
Tgt Ion: 43 Resp: 4926
Ion Ratio Lower Upper
43 100
72 24.2 21.7 32.5



#30
Chloroform
Concen: 0.251 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

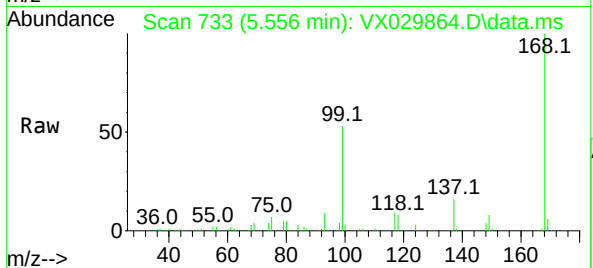
Tgt Ion: 83 Resp: 1219
Ion Ratio Lower Upper
83 100
85 50.0 51.5 77.3#



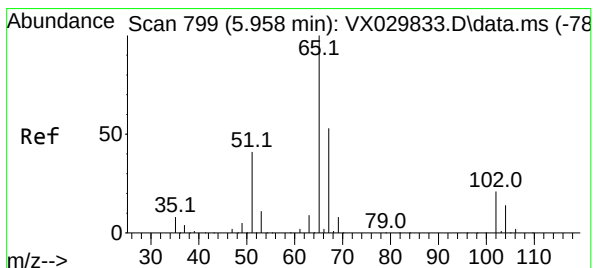
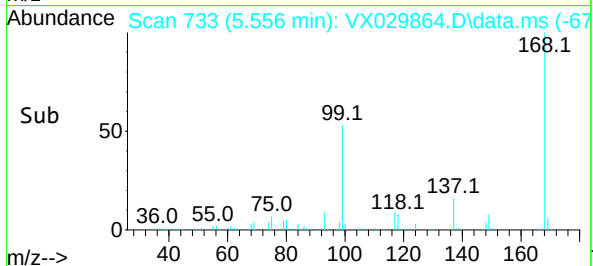
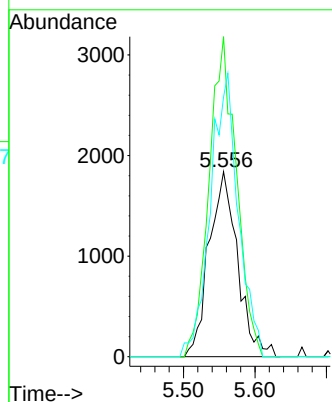


#31
Cyclohexane
Concen: 1.184 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Instrument :
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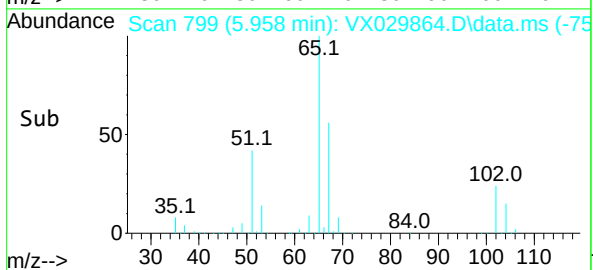
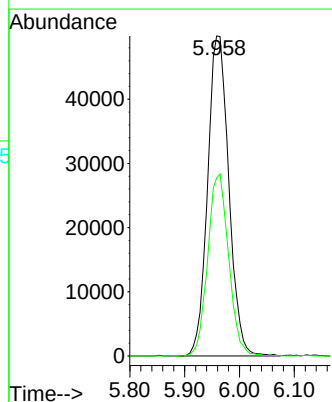
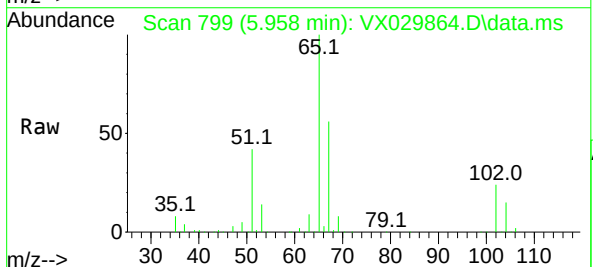


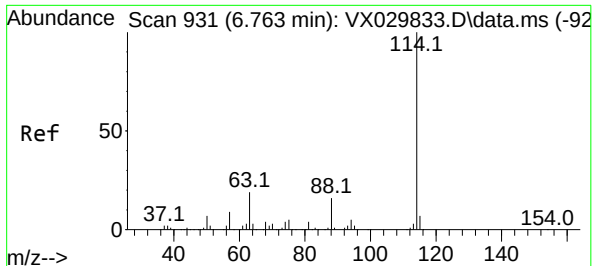
Tgt Ion: 56 Resp: 5111
Ion Ratio Lower Upper
56 100
69 173.0 25.4 38.0#
84 140.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 43.192 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 65 Resp: 133682
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6

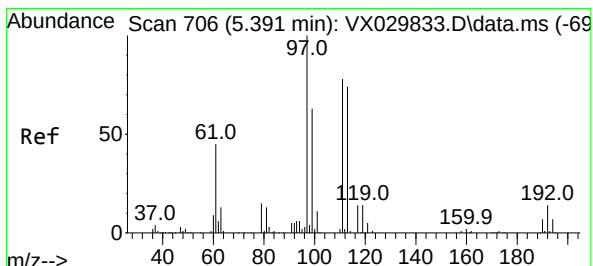
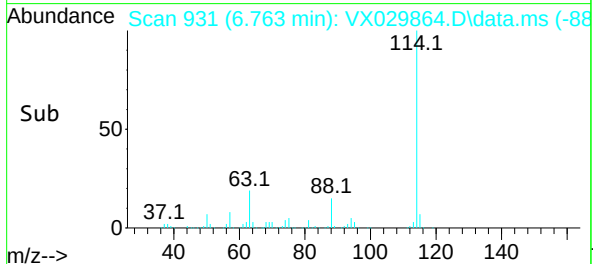
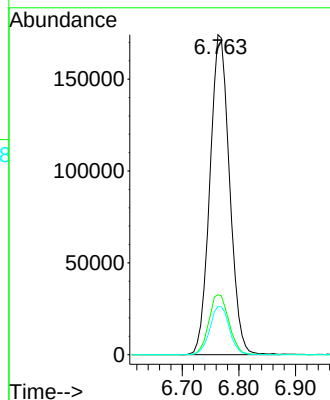
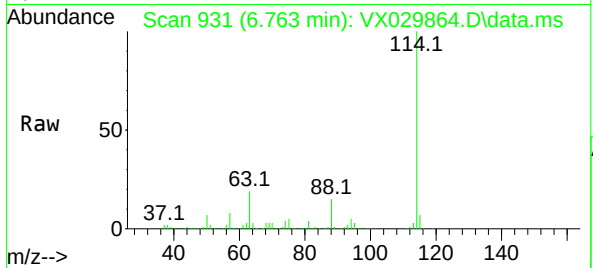




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

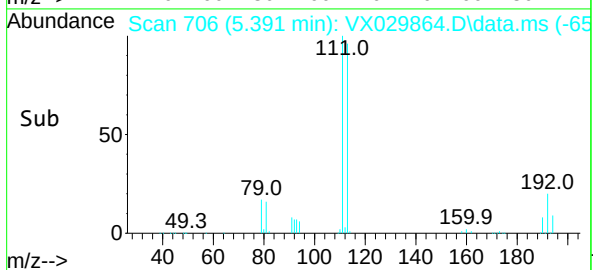
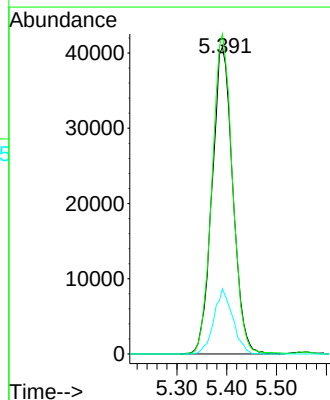
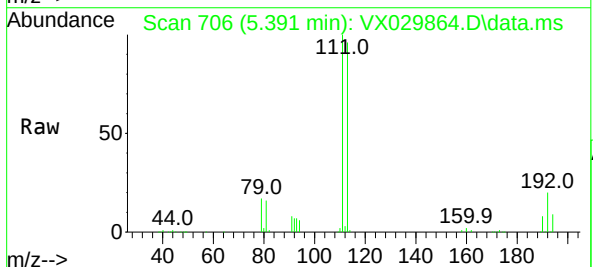
Instrument :
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ClientSampleId :
FB01-20220623

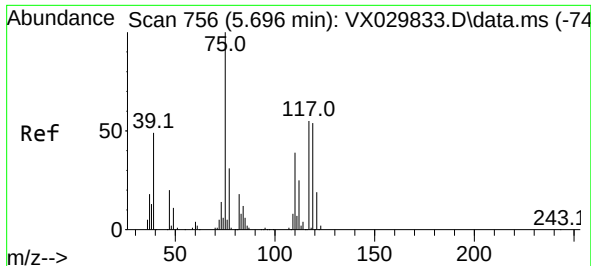
Tgt Ion:114 Resp: 418682
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.025 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion:113 Resp: 117809
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 19.3 14.8 22.2

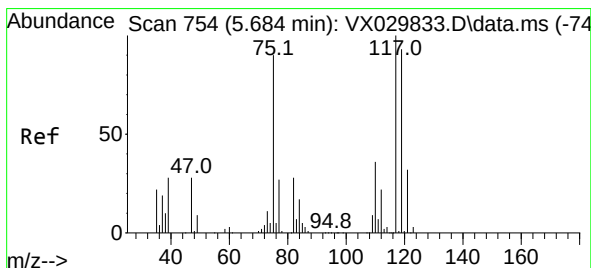
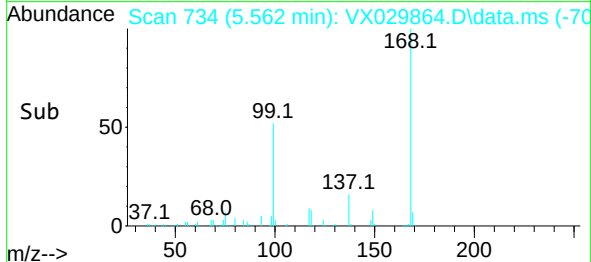
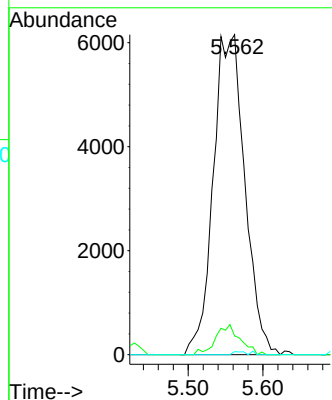
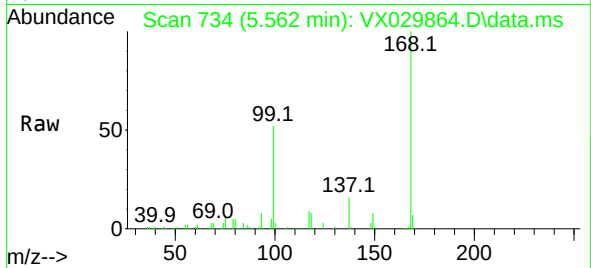




#36
1,1-Dichloropropene
Concen: 5.185 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

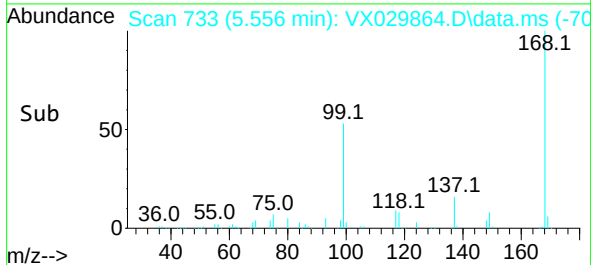
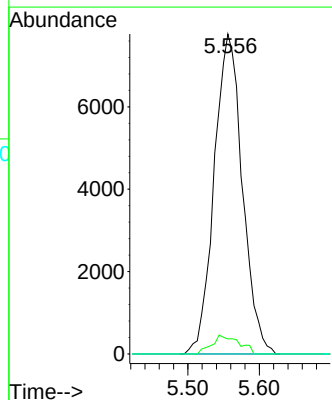
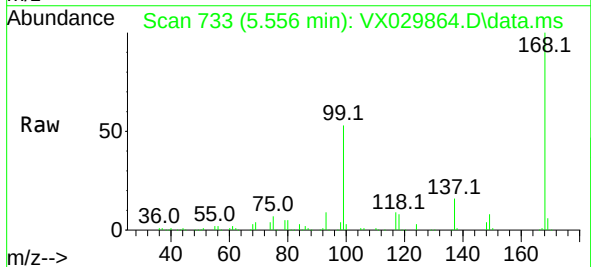
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

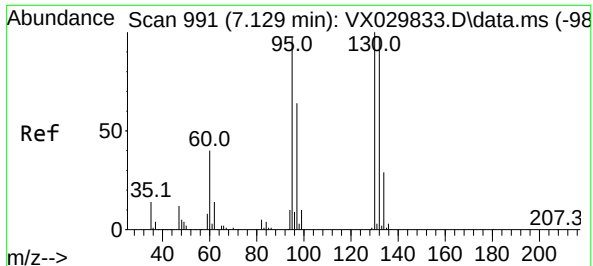
Tgt Ion: 75 Resp: 18045
Ion Ratio Lower Upper
75 100
110 7.3 19.3 57.9#
77 0.3 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.047 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 117 Resp: 21249
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#

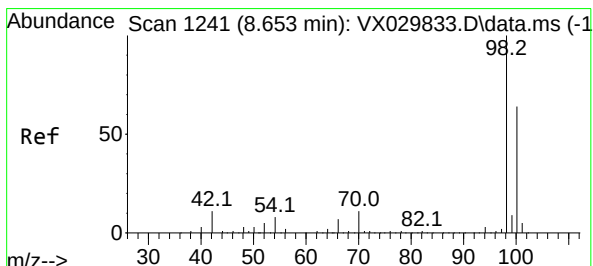
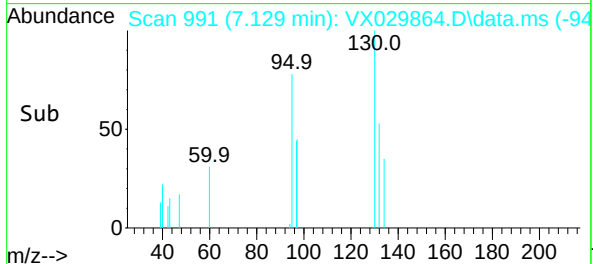
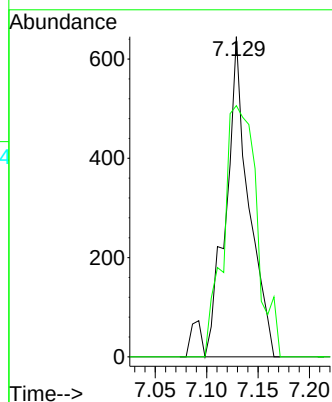
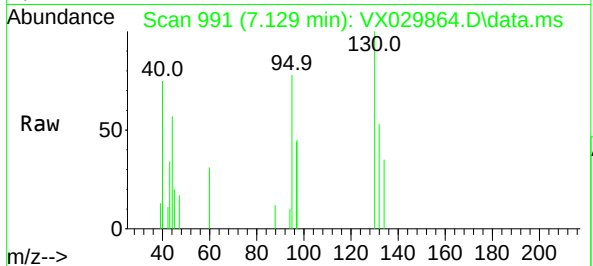




#44
 Trichloroethene
 Concen: 0.343 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. 0.000 min
 Lab File: VX029864.D
 Acq: 29 Jun 2022 16:07

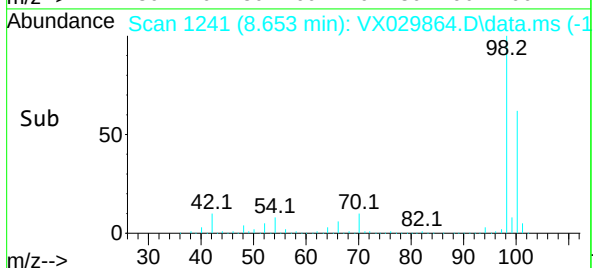
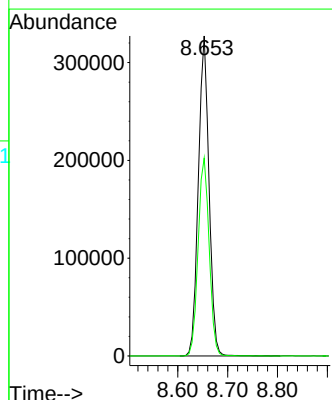
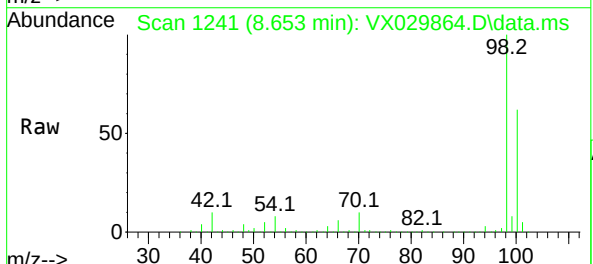
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220623

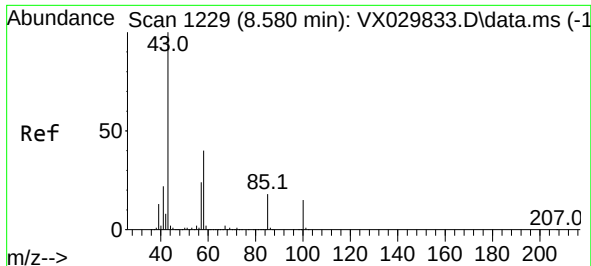
Tgt Ion:130 Resp: 1038
 Ion Ratio Lower Upper
 130 100
 95 78.4 0.0 194.8



#50
 Toluene-d8
 Concen: 49.471 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029864.D
 Acq: 29 Jun 2022 16:07

Tgt Ion: 98 Resp: 485598
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.3 78.5

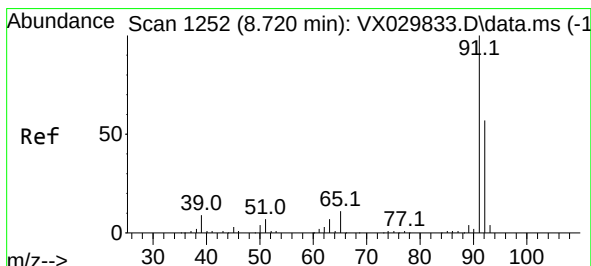
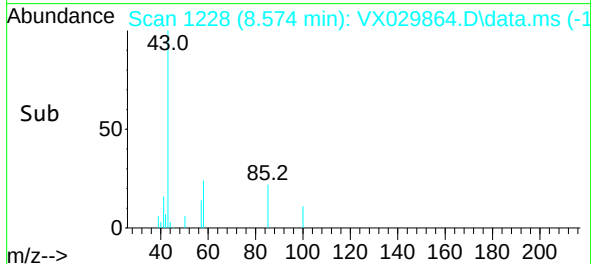
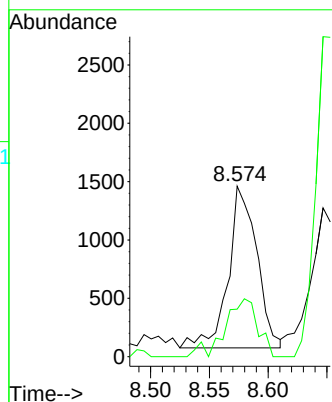
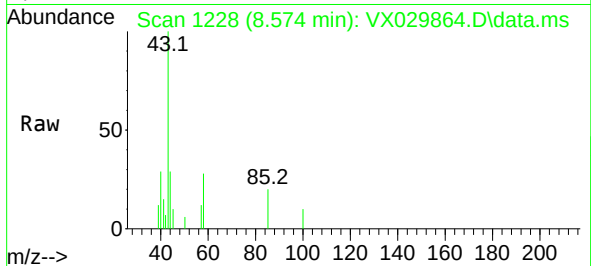




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

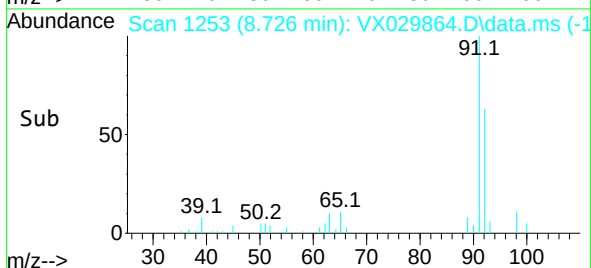
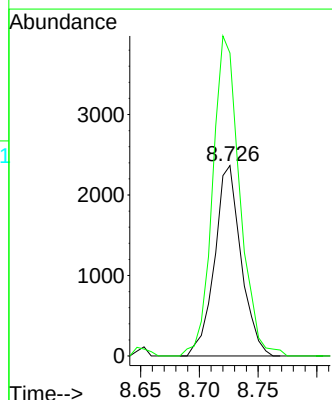
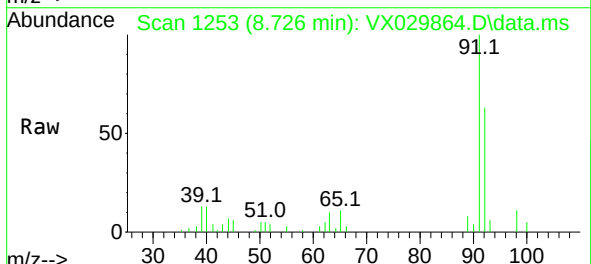
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

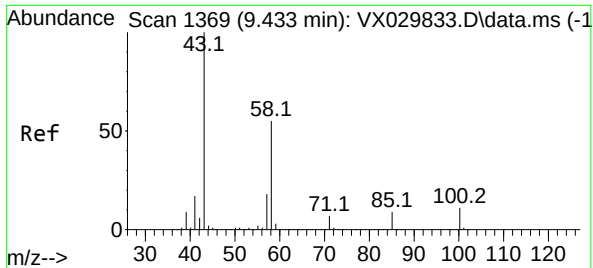
Tgt Ion: 43 Resp: 2345
Ion Ratio Lower Upper
43 100
58 38.2 31.4 47.2



#52
Toluene
Concen: 0.548 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion: 92 Resp: 3718
Ion Ratio Lower Upper
92 100
91 171.9 139.2 208.8





#59

2-Hexanone

Concen: 11.165 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.171 min

Lab File: VX029864.D

Acq: 29 Jun 2022 16:07

Instrument :

MSVOA_X

ClientSampleId :

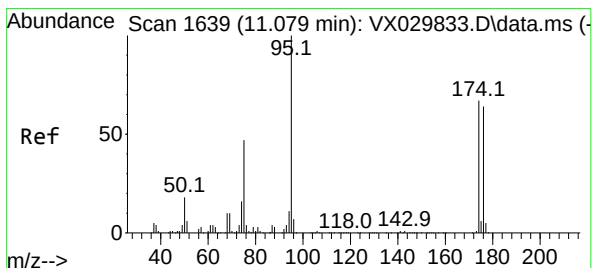
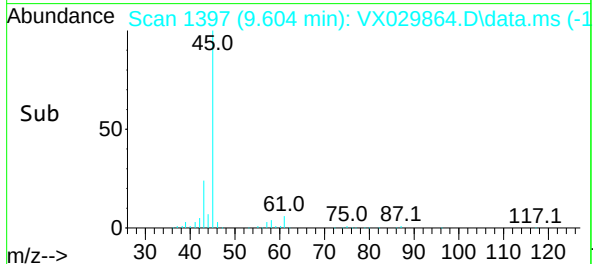
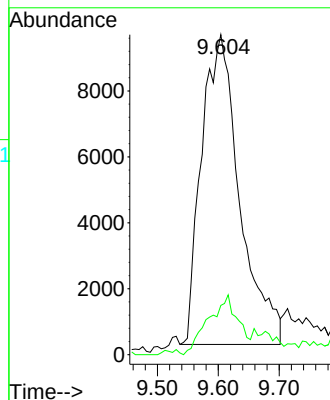
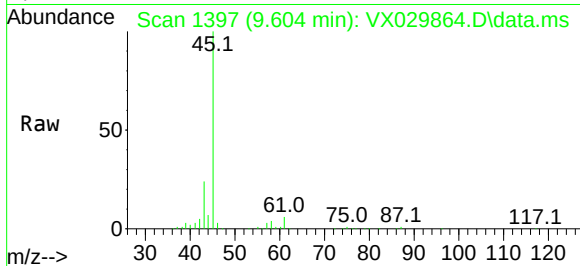
FB01-20220623

Tgt Ion: 43 Resp: 40949

Ion Ratio Lower Upper

43 100

58 15.2 27.6 82.8#



#62

4-Bromofluorobenzene

Concen: 46.093 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX029864.D

Acq: 29 Jun 2022 16:07

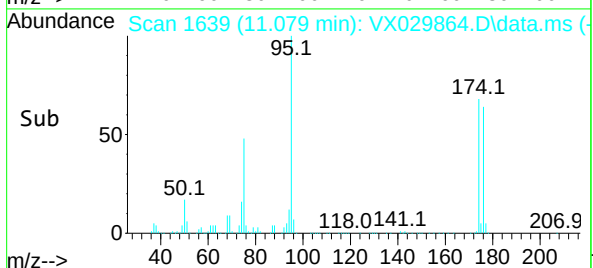
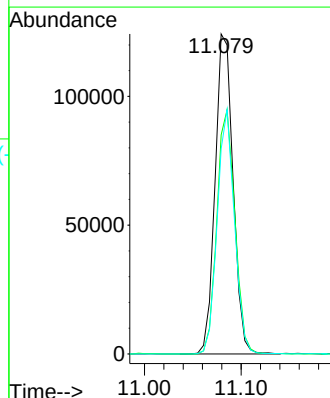
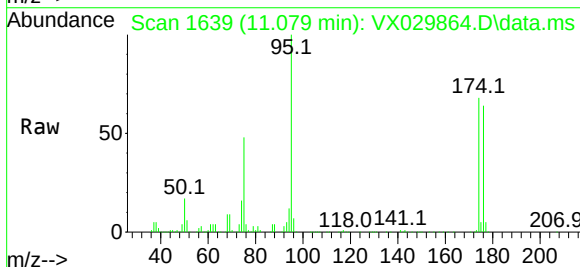
Tgt Ion: 95 Resp: 159934

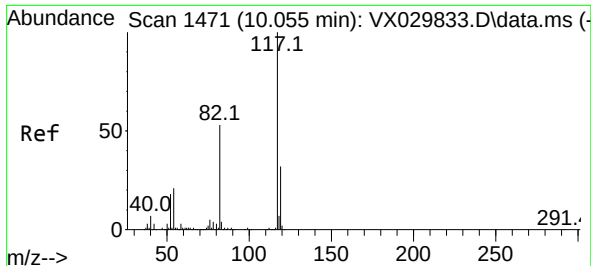
Ion Ratio Lower Upper

95 100

174 76.8 0.0 149.0

176 73.3 0.0 146.0

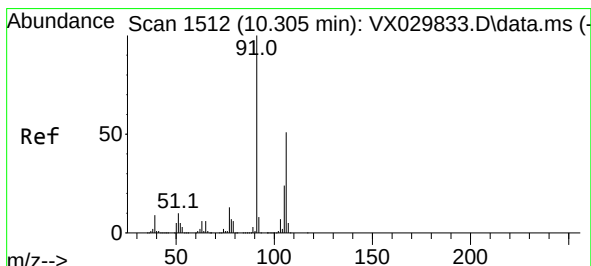
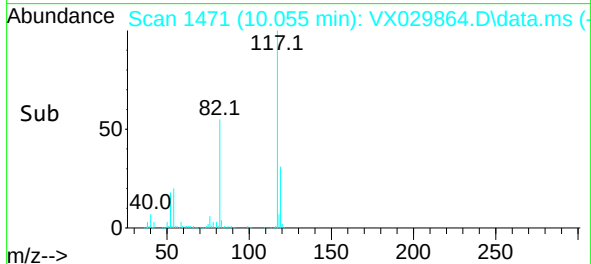
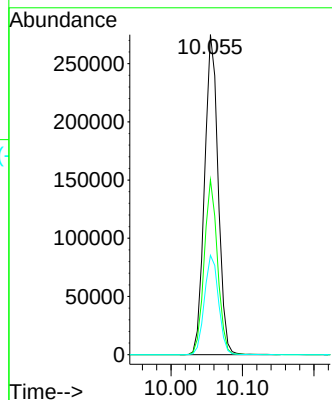
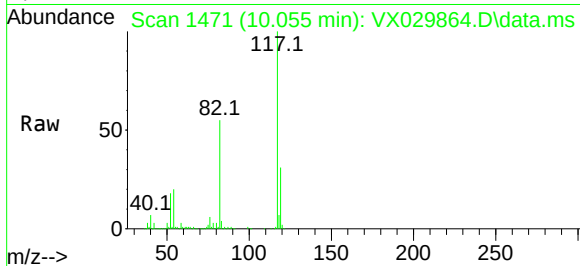




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

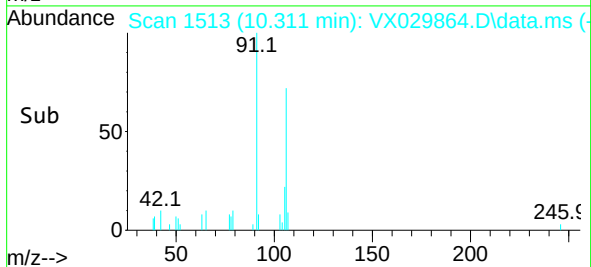
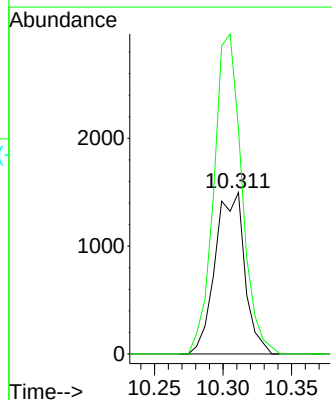
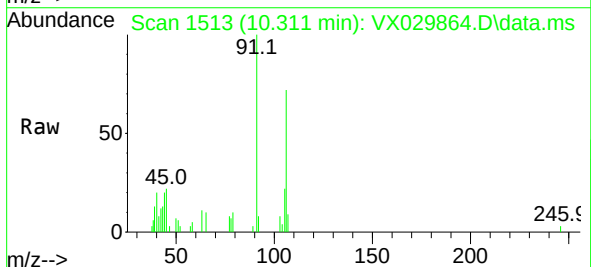
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

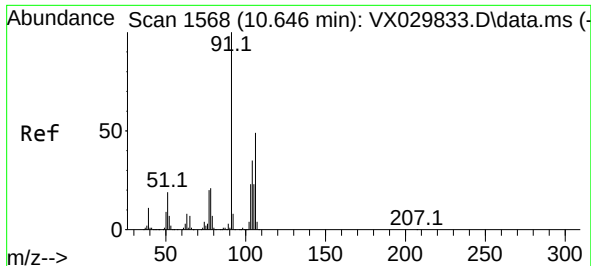
Tgt Ion:117 Resp: 362459
Ion Ratio Lower Upper
117 100
82 54.6 42.7 64.1
119 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 0.462 ug/l
RT: 10.311 min Scan# 1513
Delta R.T. 0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion:106 Resp: 2243
Ion Ratio Lower Upper
106 100
91 187.5 158.2 237.4

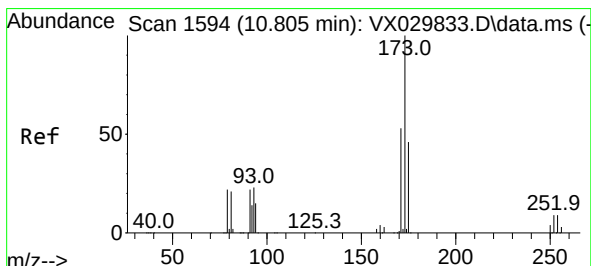
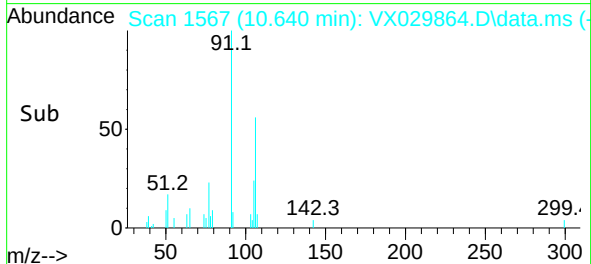
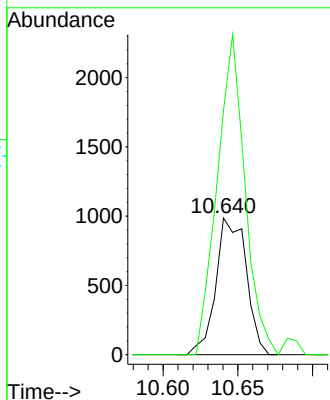
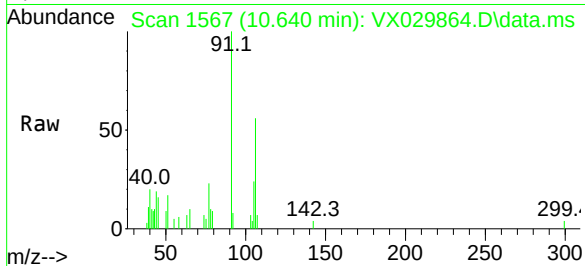




#69
o-Xylene
Concen: 0.284 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

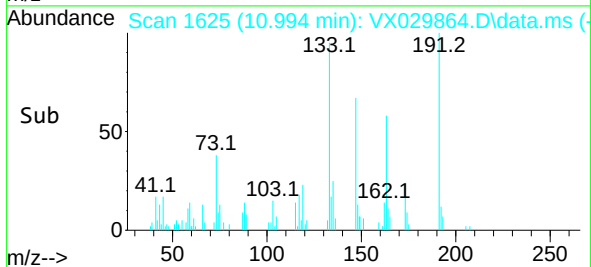
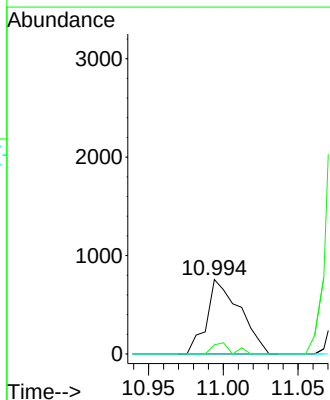
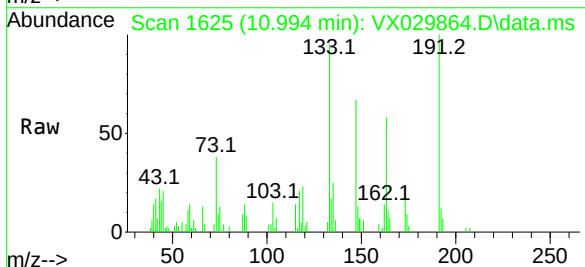
Instrument :
MSVOA_X
ClientSampleId :
FB01-20220623

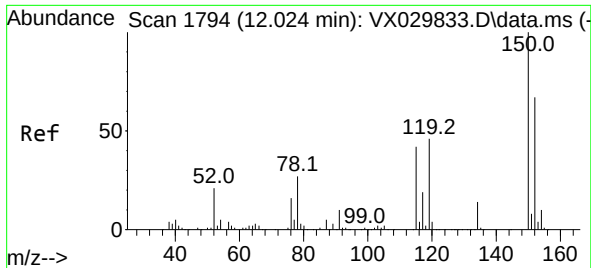
Tgt Ion:106 Resp: 1395
Ion Ratio Lower Upper
106 100
91 214.0 103.8 311.6



#71
Bromoform
Concen: 0.674 ug/l
RT: 10.994 min Scan# 1625
Delta R.T. 0.189 min
Lab File: VX029864.D
Acq: 29 Jun 2022 16:07

Tgt Ion:173 Resp: 1168
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.1 0.1#

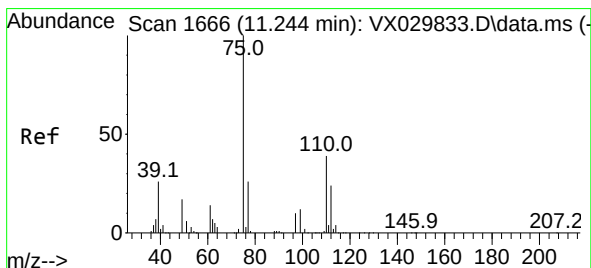
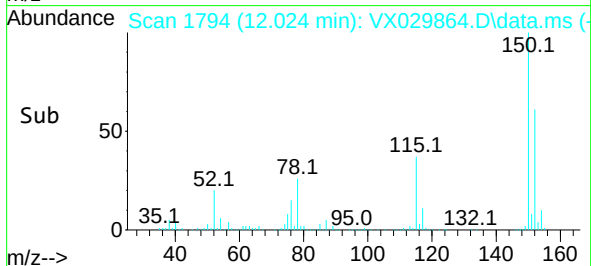
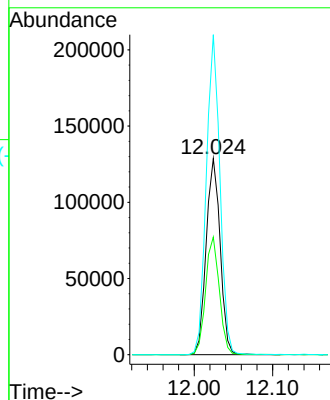
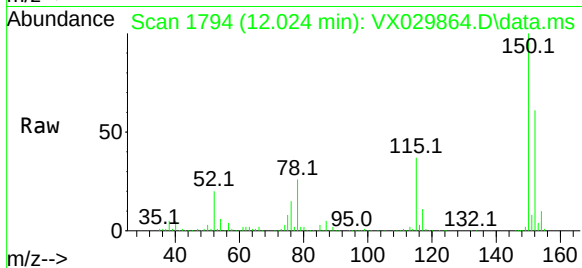




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029864.D
 Acq: 29 Jun 2022 16:07

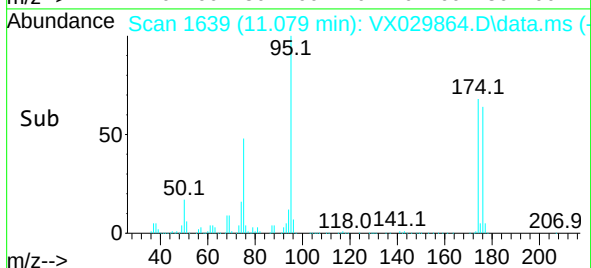
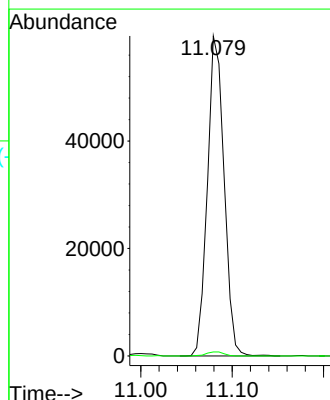
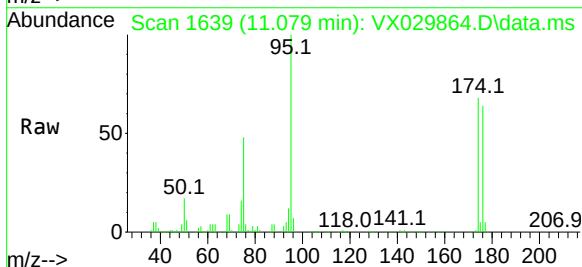
Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220623

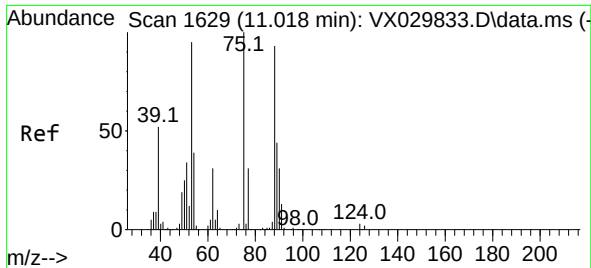
Tgt Ion:152 Resp: 159126
 Ion Ratio Lower Upper
 152 100
 115 59.0 40.5 121.5
 150 159.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 19.771 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX029864.D
 Acq: 29 Jun 2022 16:07

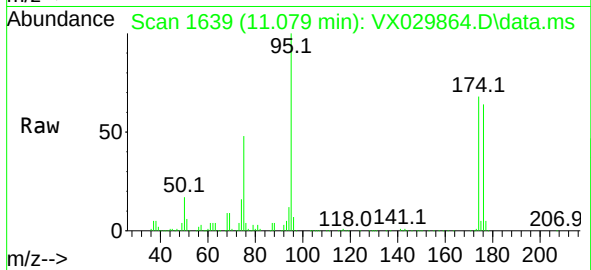
Tgt Ion: 75 Resp: 75313
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.788 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029864.D
 Acq: 29 Jun 2022 16:07

Instrument :
 MSVOA_X
 ClientSampleId :
 FB01-20220623



Tgt Ion: 75 Resp: 75313
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

