

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029046.D
 Acq On : 28 May 2022 00:56
 Operator : JC/MD
 Sample : N3022-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20220525

Quant Time: May 28 08:36:42 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)

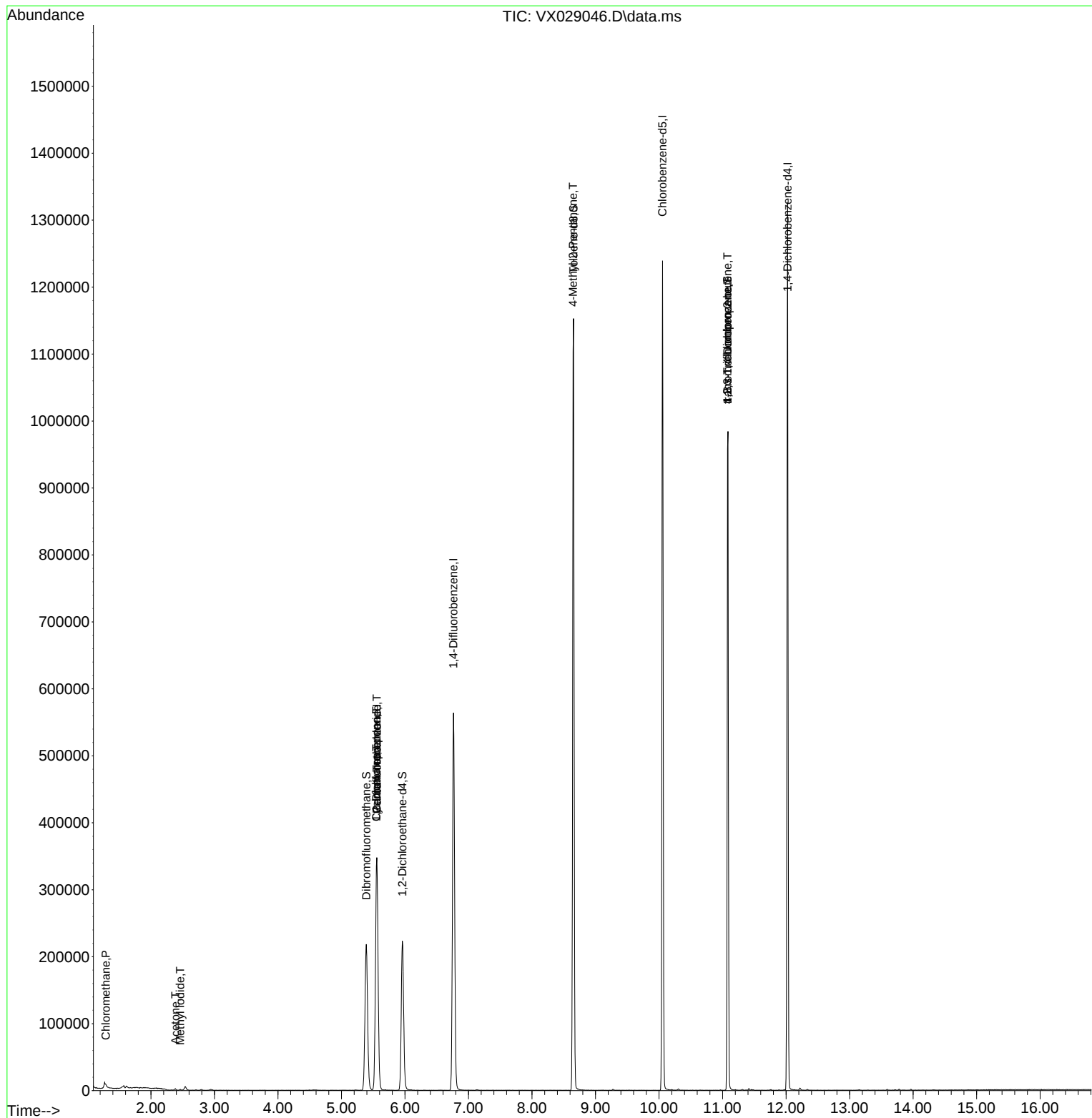
Internal Standards						
1) Pentafluorobenzene	5.556	168	335052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	591438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	274852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214506	46.705	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.420%
35) Dibromofluoromethane	5.391	113	194411	50.170	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.340%
50) Toluene-d8	8.653	98	697995	47.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.079	95	278269	50.995	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	908	0.220	ug/l #	83
5) Bromomethane	1.618	94	1565	Below Cal		89
6) Chloroethane	1.721	64	871	Below Cal	#	55
10) Methyl Iodide	2.459	142	1318	0.295	ug/l #	89
11) Tert butyl alcohol	2.941	59	952	Below Cal	#	72
16) Acetone	2.386	43	2475	1.256	ug/l #	86
31) Cyclohexane	5.550	56	5945	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	24278	4.171	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33969	5.799	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2611	0.417	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	135220	21.007	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	135220	61.689	ug/l #	15

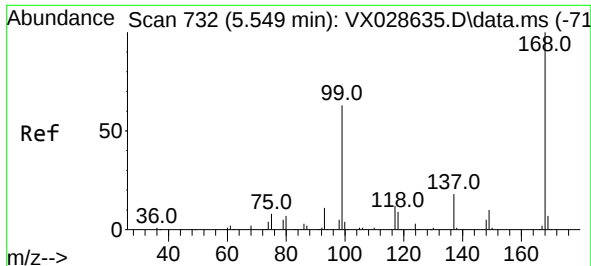
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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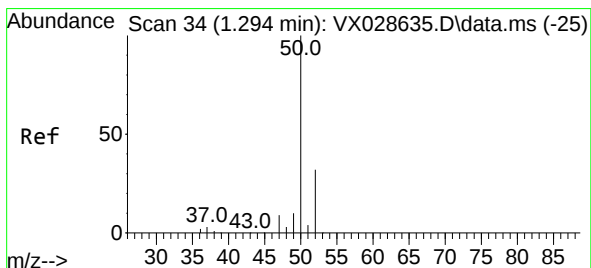
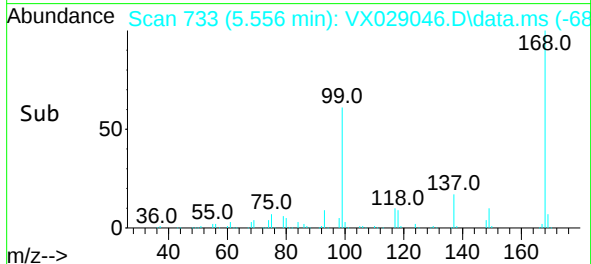
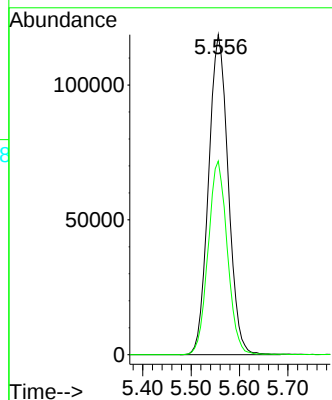
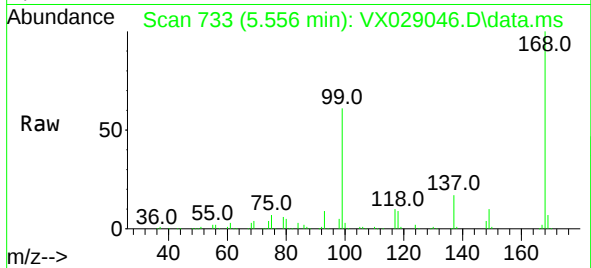




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

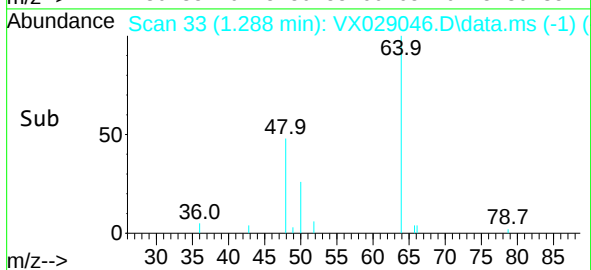
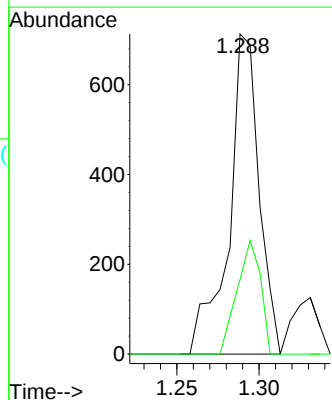
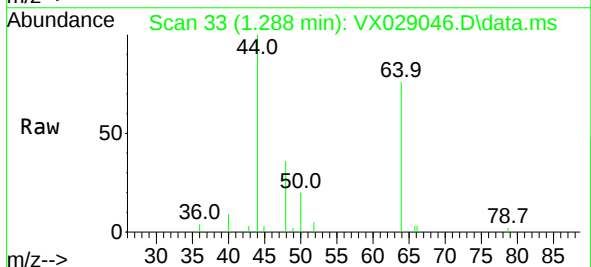
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

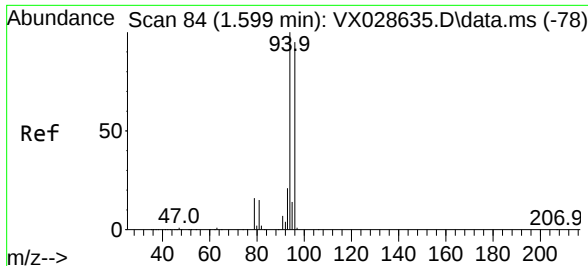
Tgt Ion:168 Resp: 335052
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion: 50 Resp: 908
Ion Ratio Lower Upper
50 100
52 23.3 26.4 39.6#

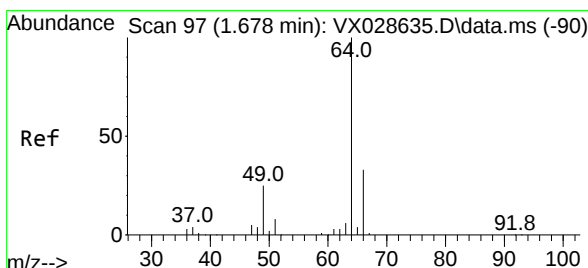
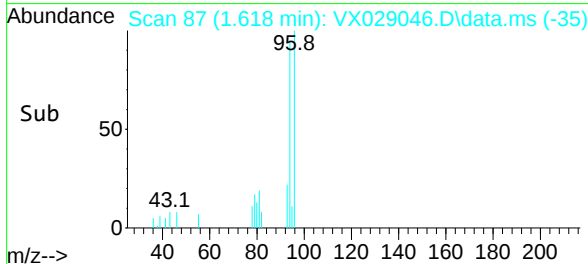
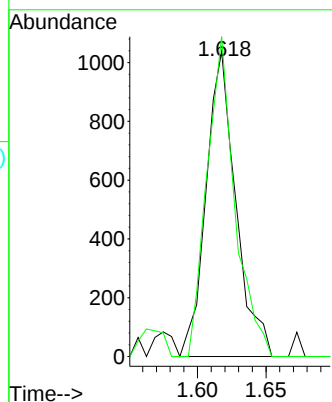
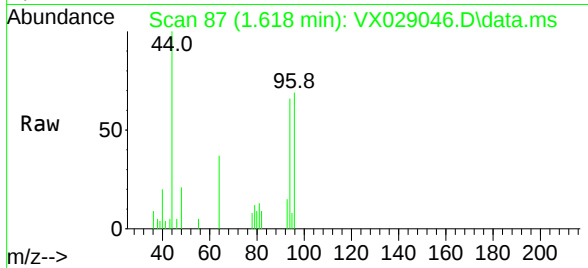




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

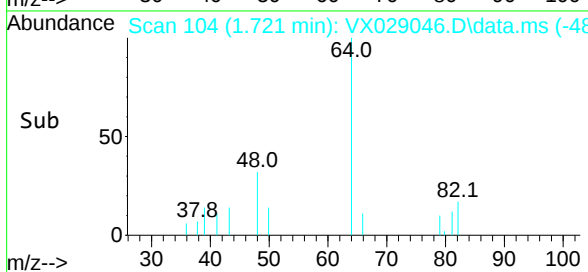
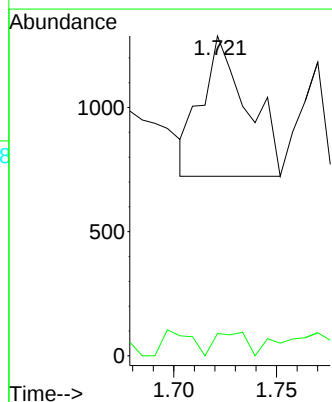
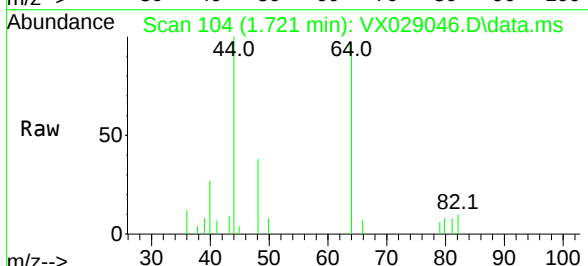
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

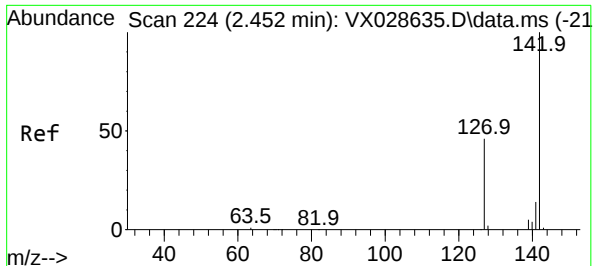
Tgt Ion: 94 Resp: 1565
Ion Ratio Lower Upper
94 100
96 104.8 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.721 min Scan# 104
Delta R.T. 0.043 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

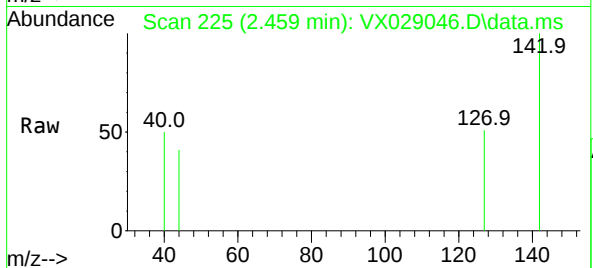
Tgt Ion: 64 Resp: 871
Ion Ratio Lower Upper
64 100
66 6.9 25.3 37.9#



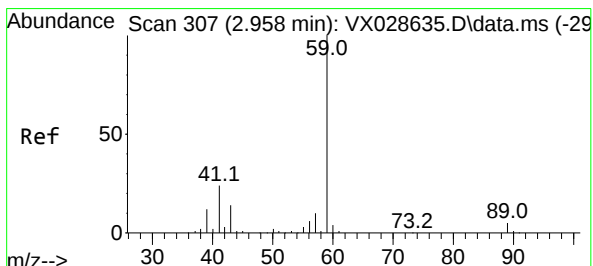
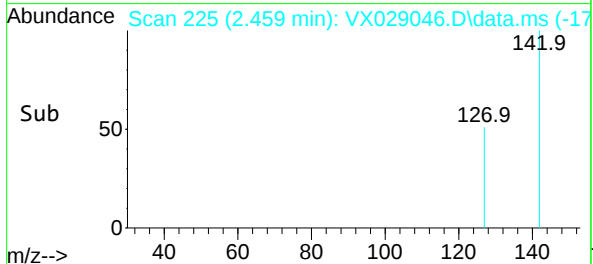
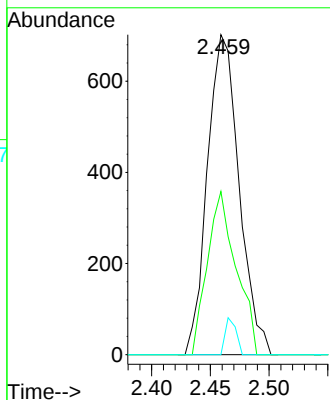


#10
Methyl Iodide
Concen: 0.295 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

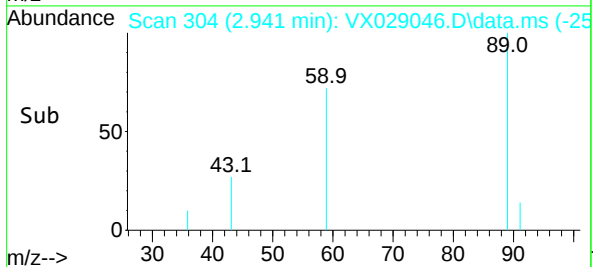
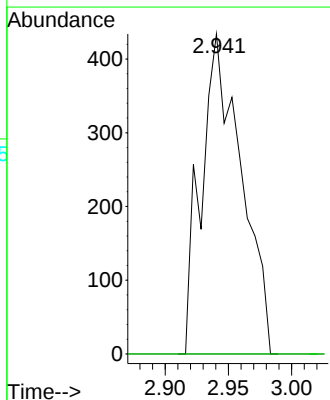
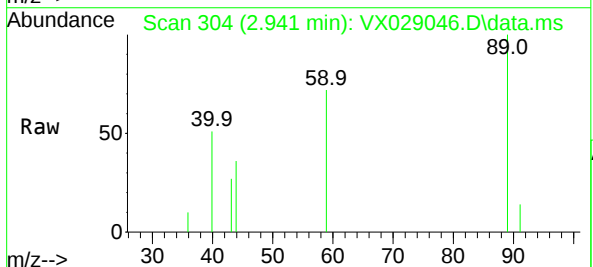


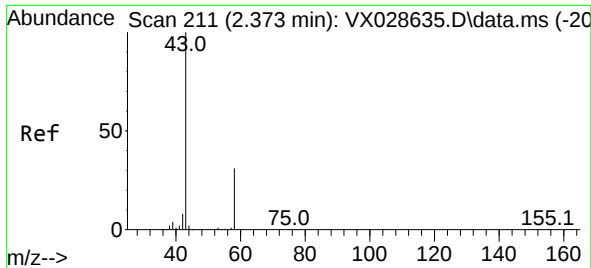
Tgt Ion:142 Resp: 1318
Ion Ratio Lower Upper
142 100
127 46.3 33.9 50.9
141 3.9 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.017 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion: 59 Resp: 952
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

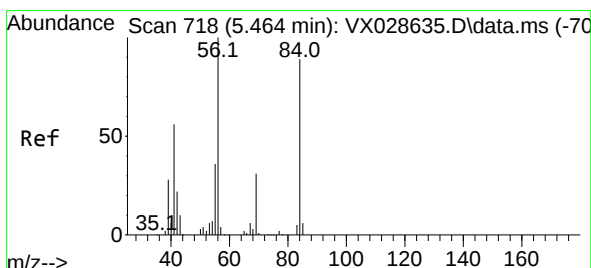
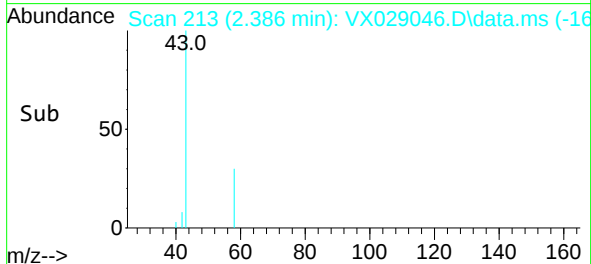
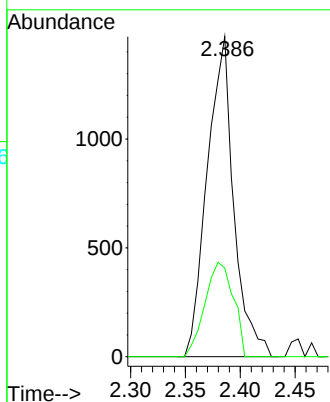
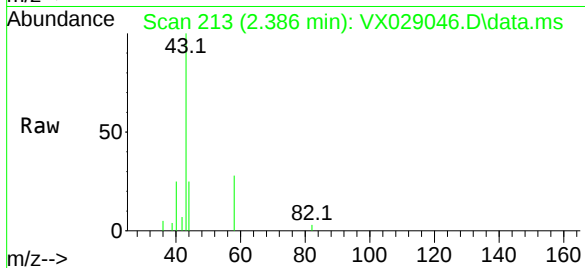




#16
Acetone
Concen: 1.256 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

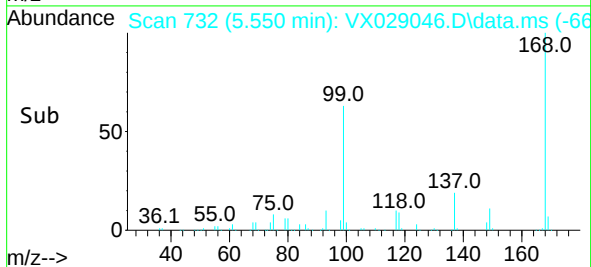
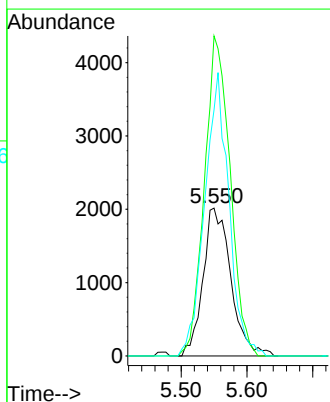
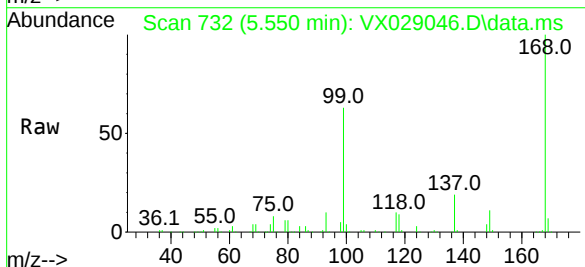
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

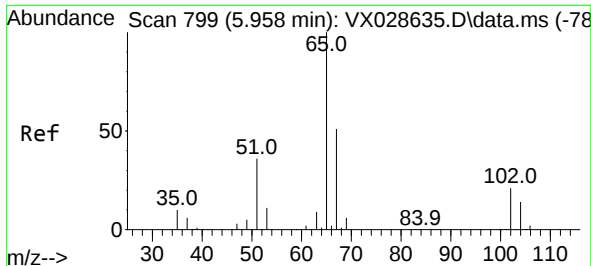
Tgt Ion: 43 Resp: 2475
Ion Ratio Lower Upper
43 100
58 27.7 28.8 43.2#



#31
Cyclohexane
Concen: 0.933 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion: 56 Resp: 5945
Ion Ratio Lower Upper
56 100
69 216.4 26.7 40.1#
84 166.4 77.2 115.8#

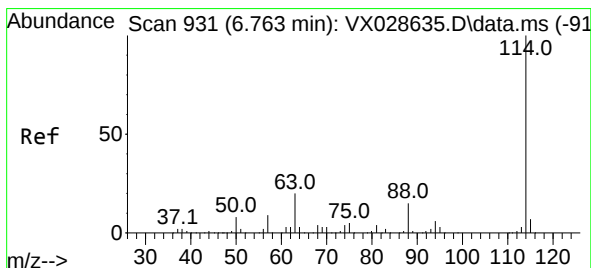
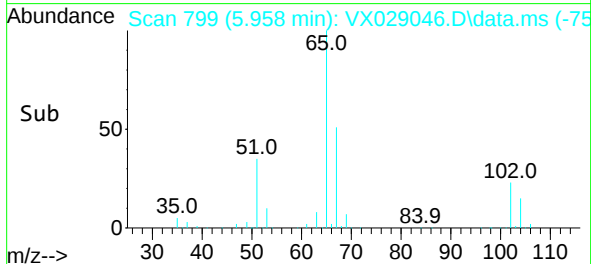
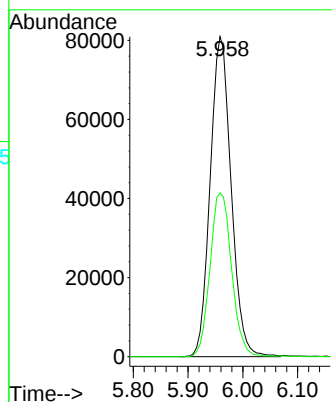
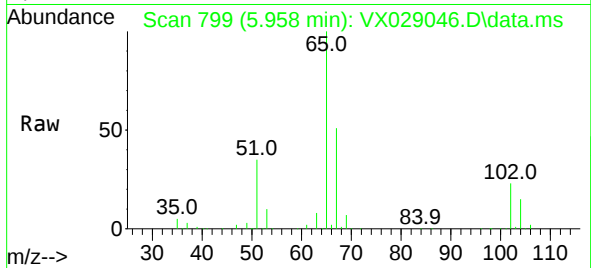




#33
 1,2-Dichloroethane-d4
 Concen: 46.705 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029046.D
 Acq: 28 May 2022 00:56

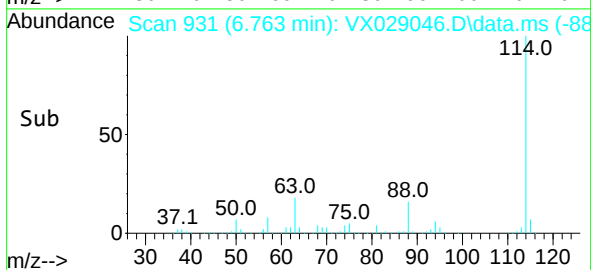
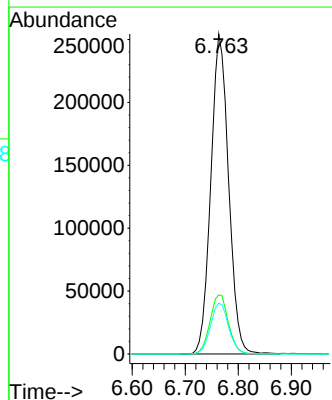
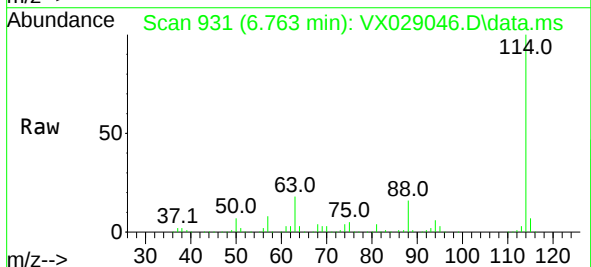
Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20220525

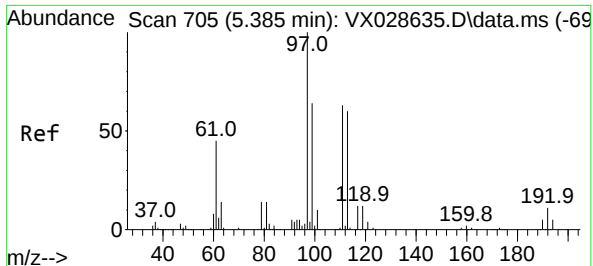
Tgt Ion: 65 Resp: 214506
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX029046.D
 Acq: 28 May 2022 00:56

Tgt Ion: 114 Resp: 591438
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.170 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX029046.D

Acq: 28 May 2022 00:56

Instrument :

MSVOA_X

ClientSampleId :

TB06-20220525

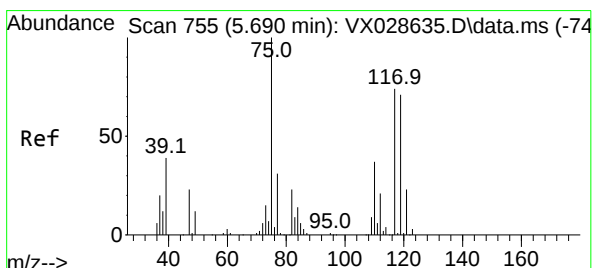
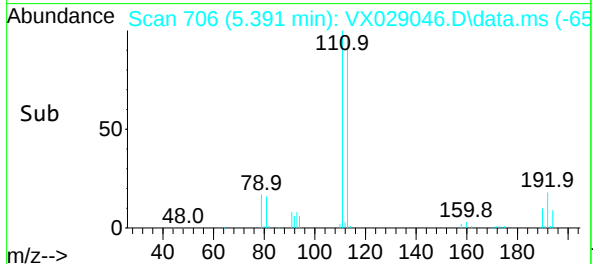
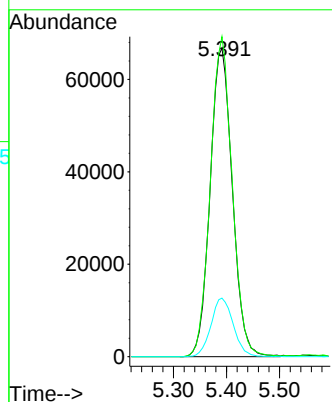
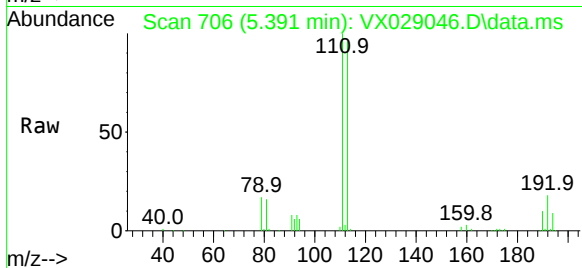
Tgt Ion:113 Resp: 194411

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 19.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.171 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX029046.D

Acq: 28 May 2022 00:56

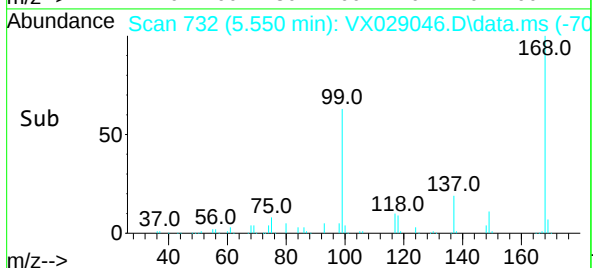
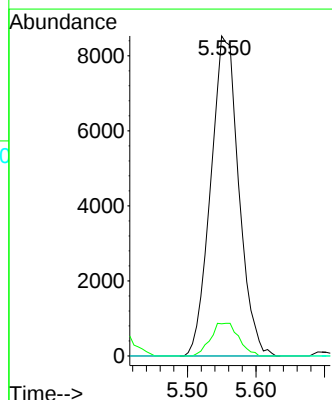
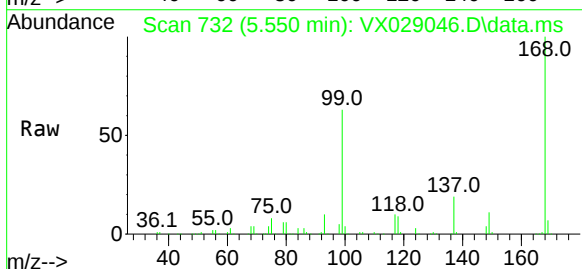
Tgt Ion: 75 Resp: 24278

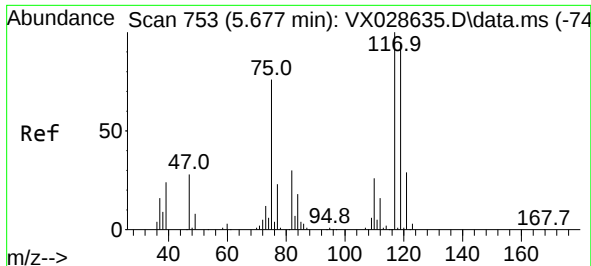
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 24.8 37.2#

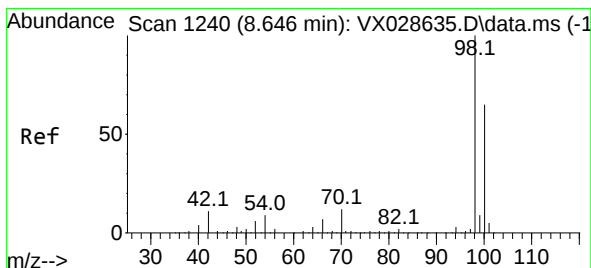
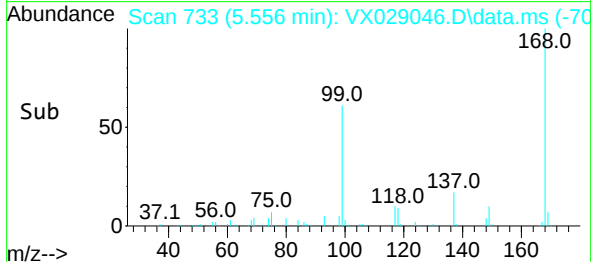
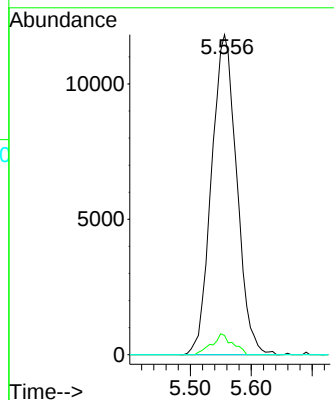
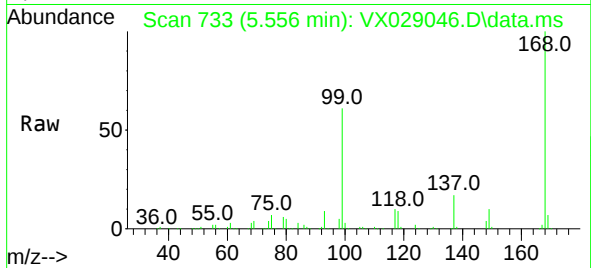




#38
Carbon Tetrachloride
Concen: 5.799 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

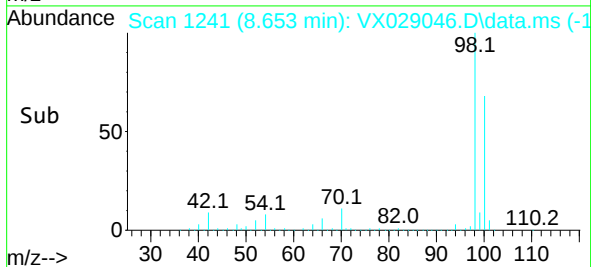
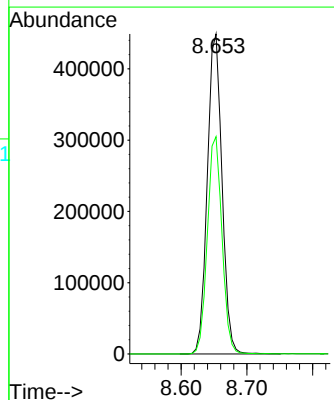
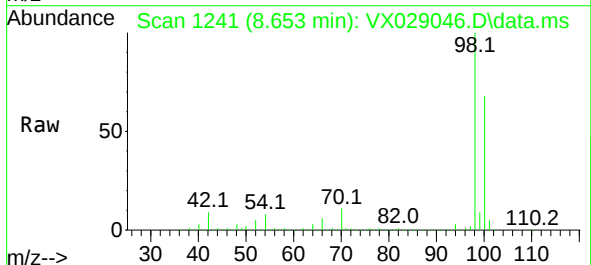
Instrument :
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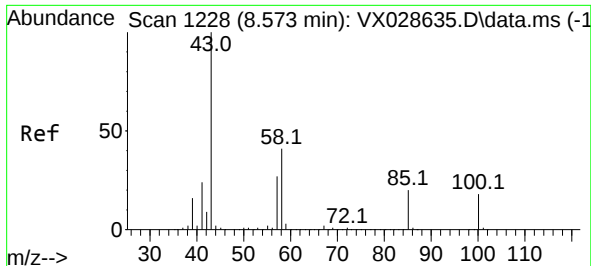
Tgt Ion:117 Resp: 33969
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 47.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion: 98 Resp: 697995
Ion Ratio Lower Upper
98 100
100 67.7 52.6 78.8

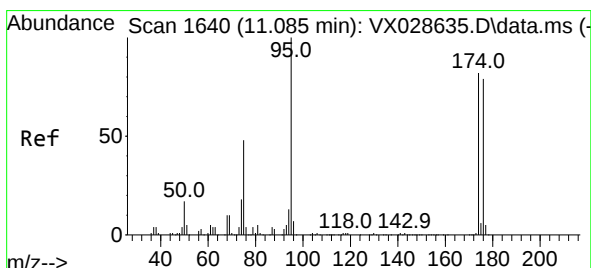
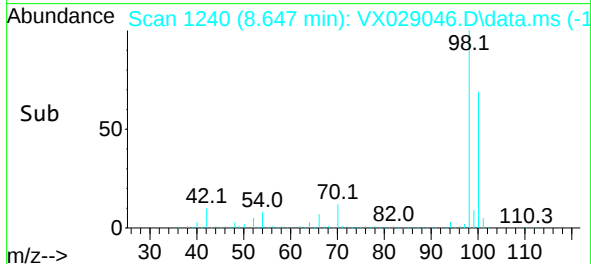
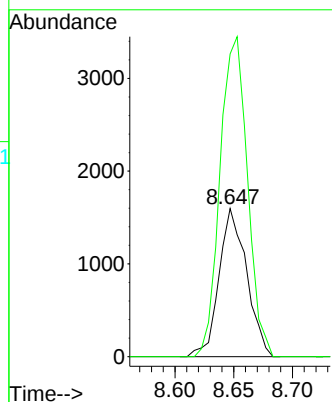
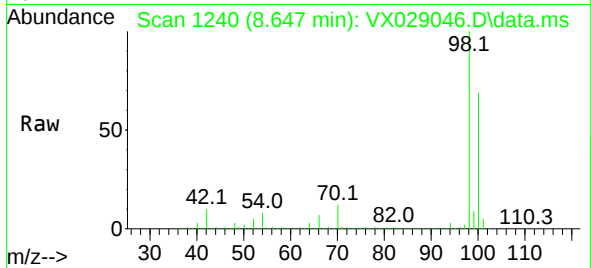




#51
4-Methyl-2-Pentanone
Concen: 0.417 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.074 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

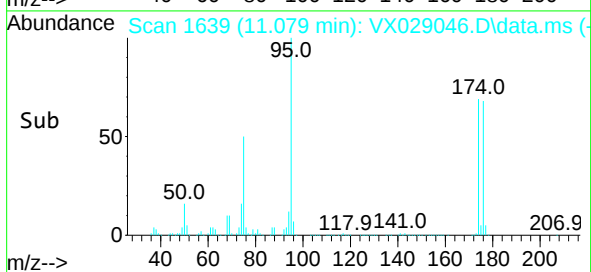
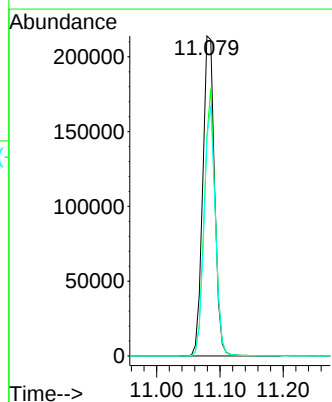
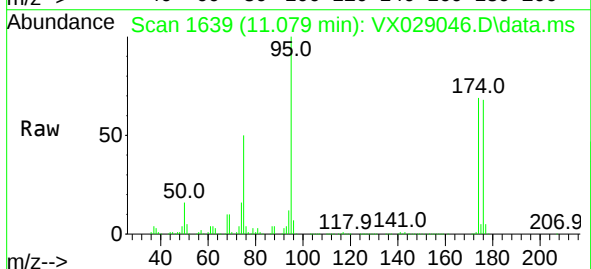
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

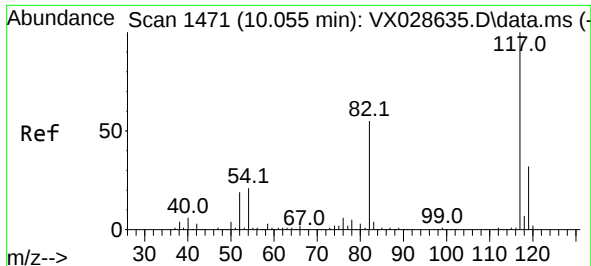
Tgt Ion: 43 Resp: 2611
Ion Ratio Lower Upper
43 100
58 214.6 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 50.995 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion: 95 Resp: 278269
Ion Ratio Lower Upper
95 100
174 77.7 0.0 163.0
176 74.5 0.0 155.0

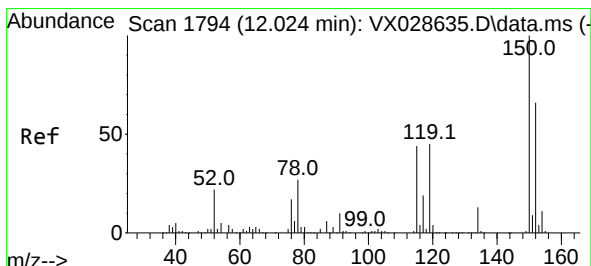
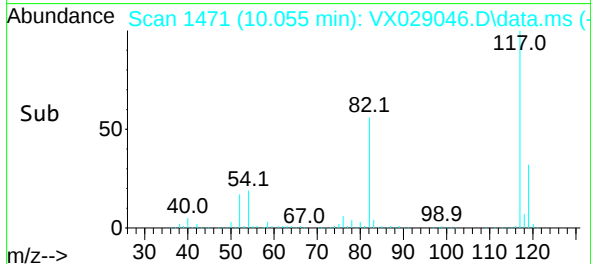
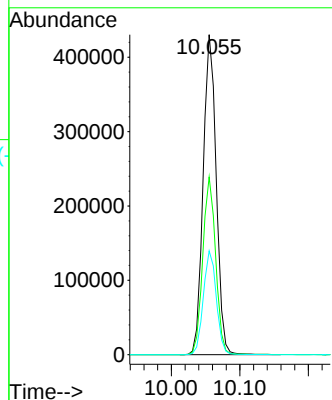
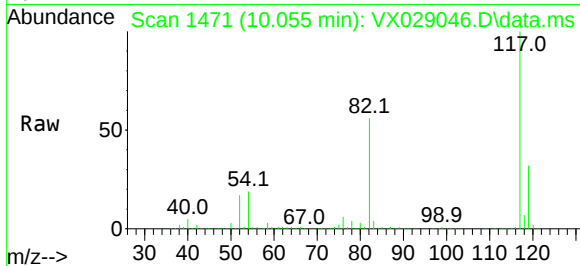




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

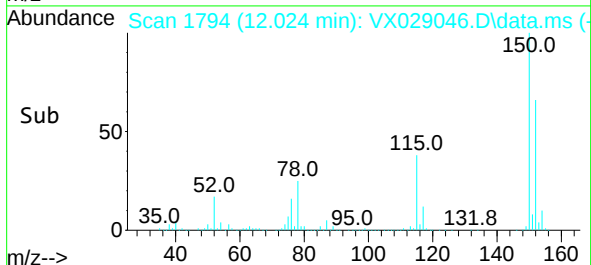
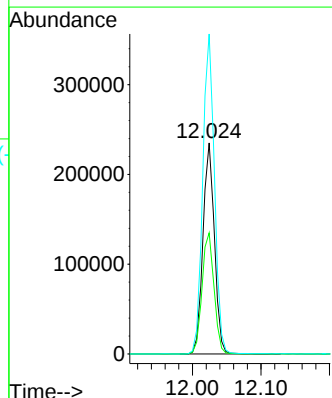
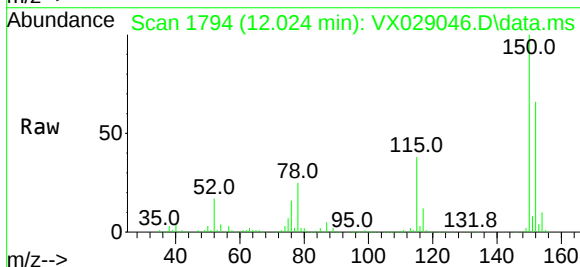
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

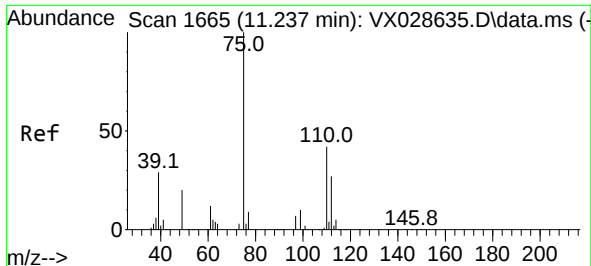
Tgt Ion:117 Resp: 572242
Ion Ratio Lower Upper
117 100
82 55.5 41.8 62.8
119 32.5 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion:152 Resp: 274852
Ion Ratio Lower Upper
152 100
115 59.9 37.5 112.7
150 154.3 0.0 338.2

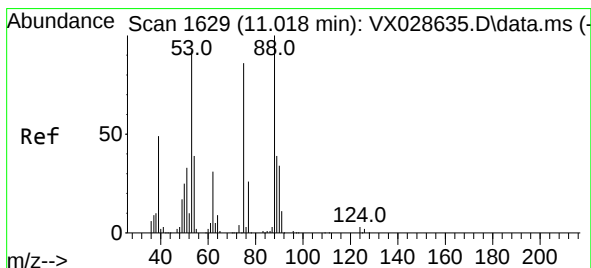
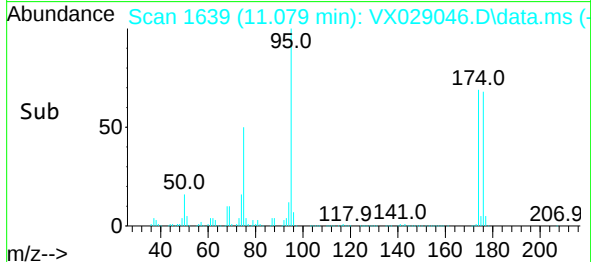
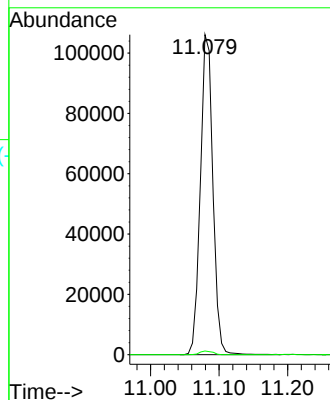
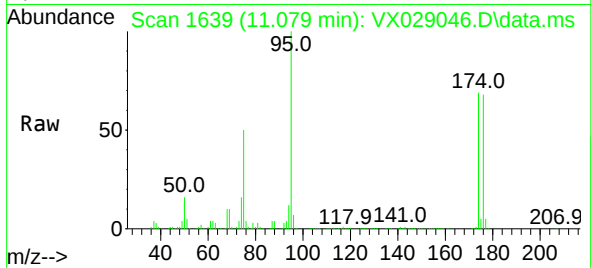




#76
1,2,3-Trichloropropane
Concen: 21.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

Tgt Ion: 75 Resp: 135220
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.689 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029046.D
Acq: 28 May 2022 00:56

Tgt Ion: 75 Resp: 135220
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

