

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029091.D
 Acq On : 31 May 2022 21:59
 Operator : JC/MD
 Sample : N3022-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20220525

Quant Time: Jun 01 05:01:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

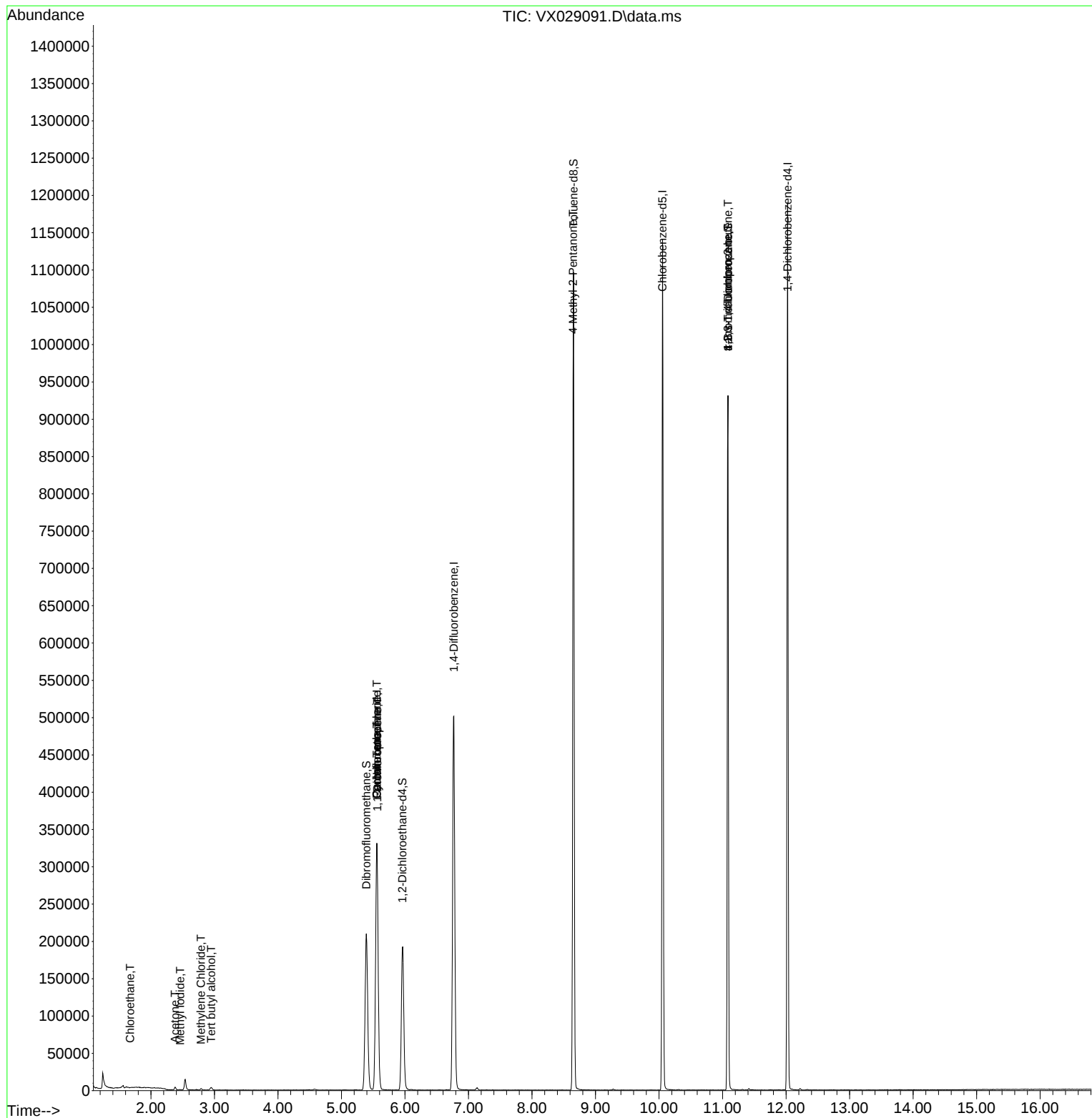
Internal Standards						
1) Pentafluorobenzene	5.556	168	325720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	560012	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	543185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187998	51.184	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.360%
35) Dibromofluoromethane	5.391	113	185391	49.840	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.680%
50) Toluene-d8	8.653	98	656645	48.266	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.540%
62) 4-Bromofluorobenzene	11.085	95	255526	48.589	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.180%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	813	Below Cal	#	69
6) Chloroethane	1.672	64	371	1.531	ug/l #	43
10) Methyl Iodide	2.459	142	499	4.351	ug/l #	76
11) Tert butyl alcohol	2.946	59	2000	2.351	ug/l #	72
16) Acetone	2.380	43	3790	2.620	ug/l	94
20) Methylene Chloride	2.788	84	876	0.260	ug/l #	86
31) Cyclohexane	5.556	56	5229	1.095	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	22597	4.721	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31628	5.782	ug/l #	16
44) Trichloroethene	7.135	130	1247	Below Cal		92
51) 4-Methyl-2-Pentanone	8.647	43	2396	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	118331	22.671	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	118331	66.512	ug/l #	15

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

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MSVOA_X
ClientSampleId :
TB06-20220525

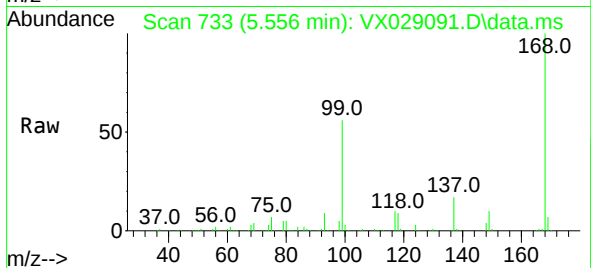
Quant Time: Jun 01 05:01:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 01 04:45:42 2022
Response via : Initial Calibration



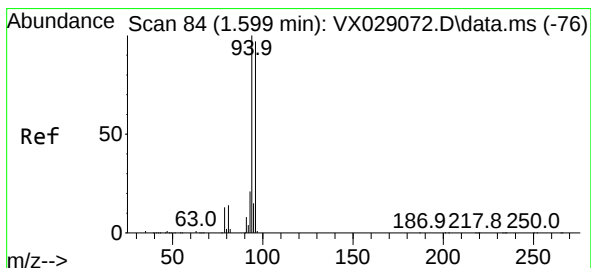
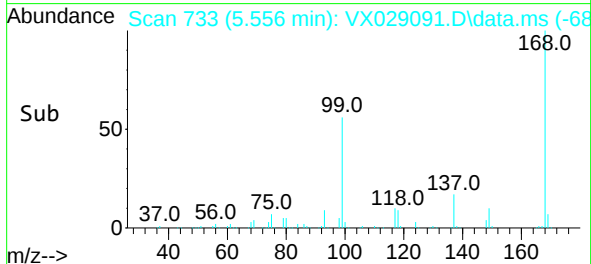
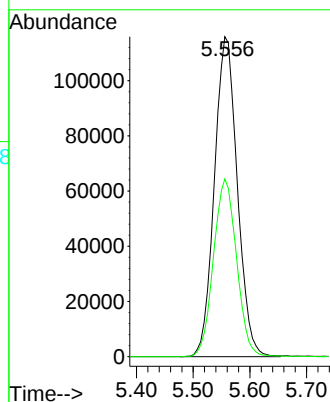


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

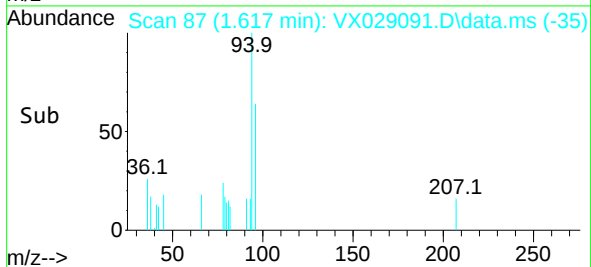
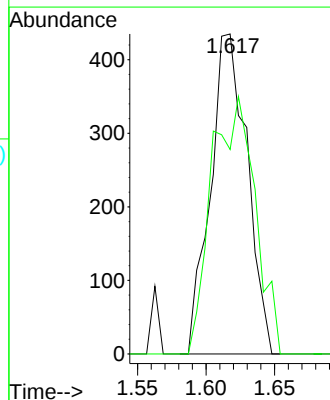
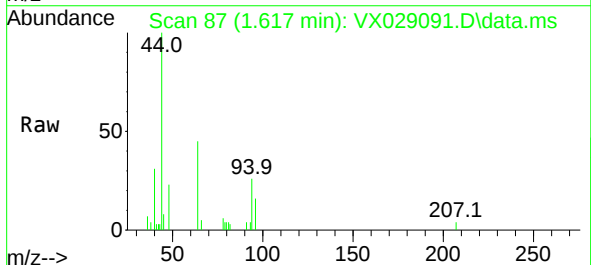


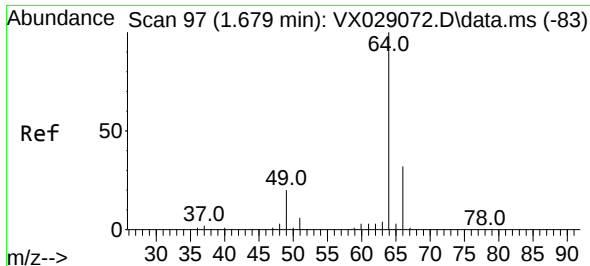
Tgt Ion:168 Resp: 325720
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Tgt Ion: 94 Resp: 813
Ion Ratio Lower Upper
94 100
96 63.9 75.3 112.9#

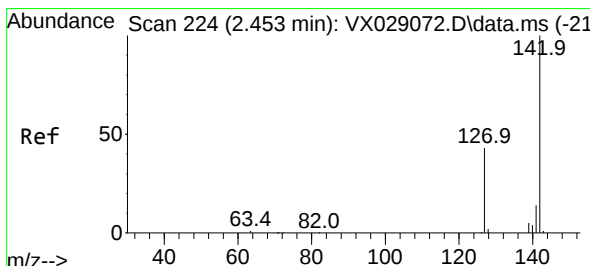
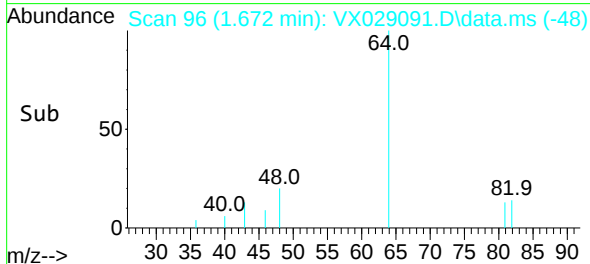
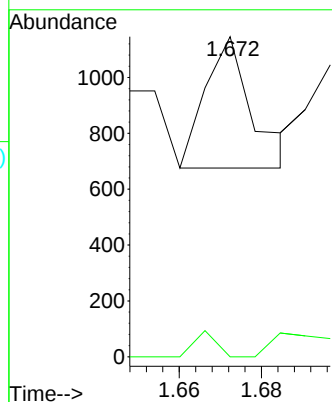
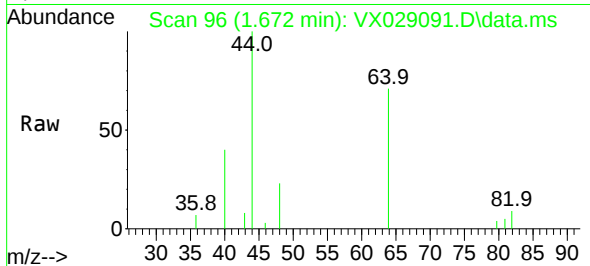




#6
Chloroethane
Concen: 1.531 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.007 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

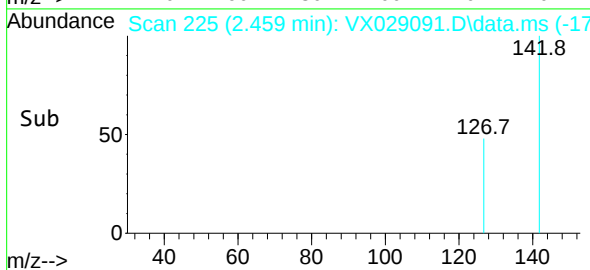
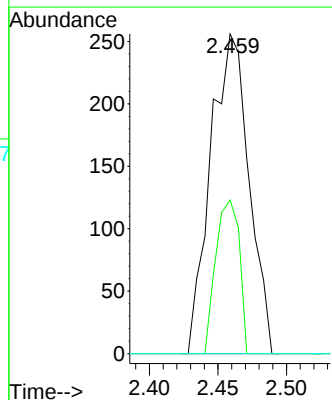
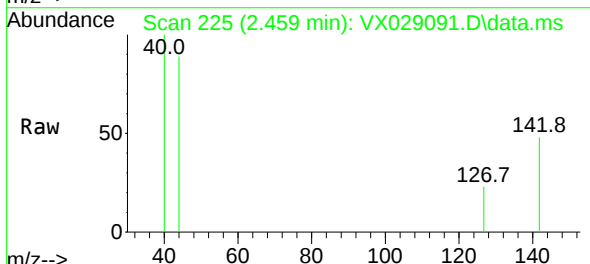
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

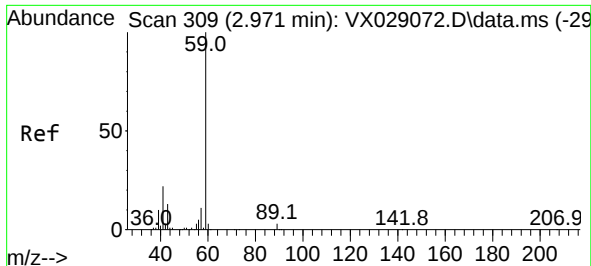
Tgt Ion: 64 Resp: 371
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.351 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Tgt Ion: 142 Resp: 499
Ion Ratio Lower Upper
142 100
127 29.3 33.9 50.9#
141 0.0 11.4 17.2#

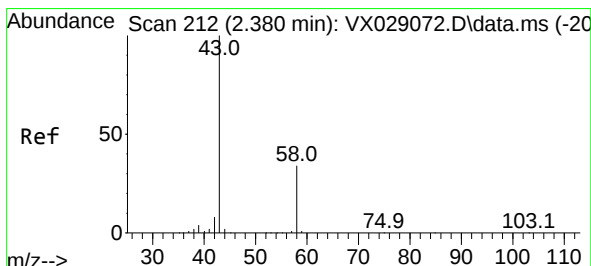
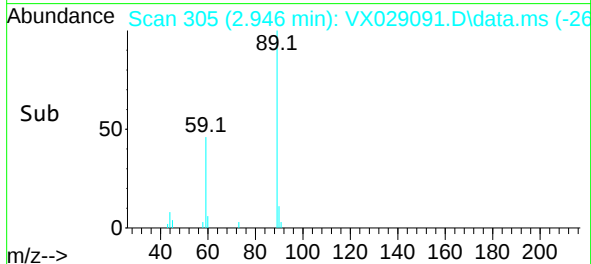
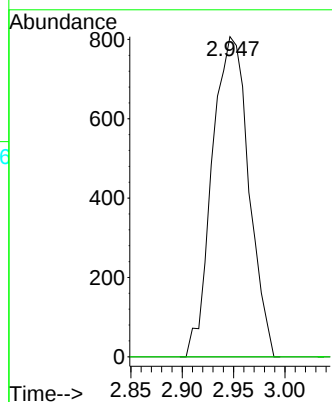
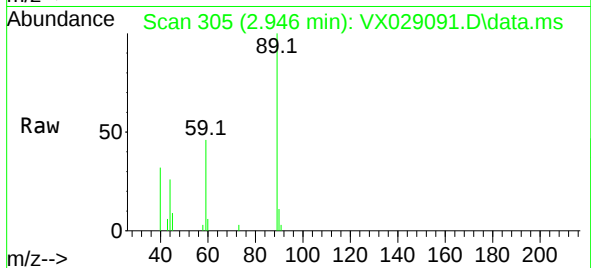




#11
Tert butyl alcohol
Concen: 2.351 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

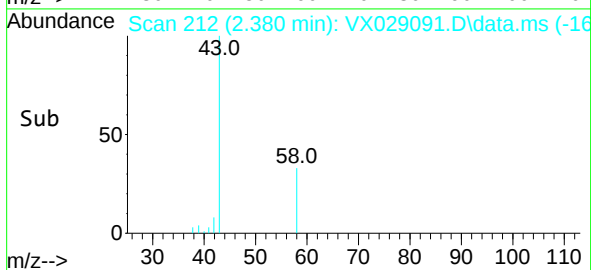
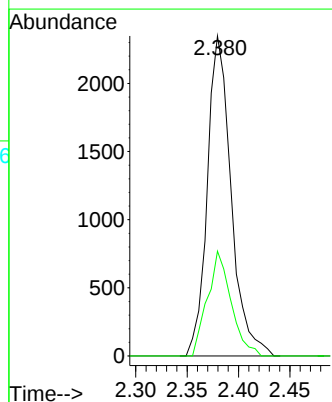
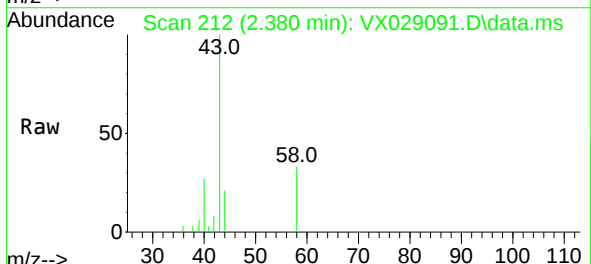
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

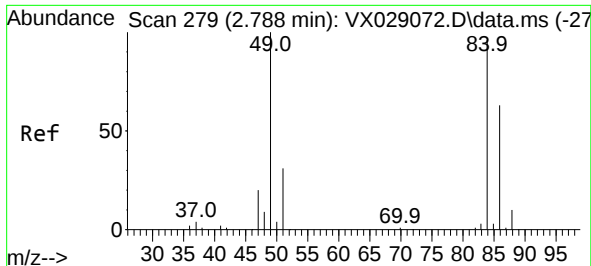
Tgt Ion: 59 Resp: 2000
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 2.620 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

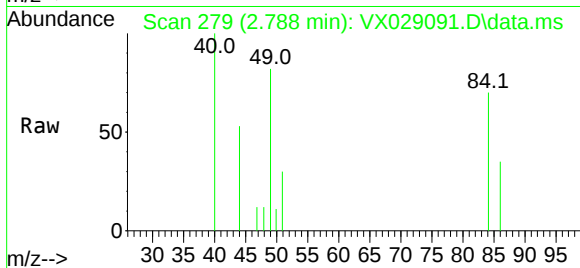
Tgt Ion: 43 Resp: 3790
Ion Ratio Lower Upper
43 100
58 32.8 28.8 43.2



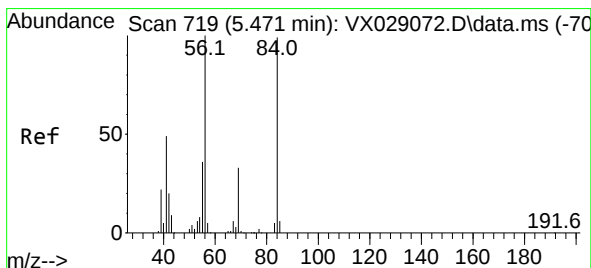
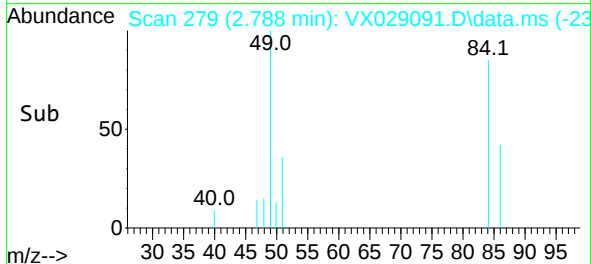
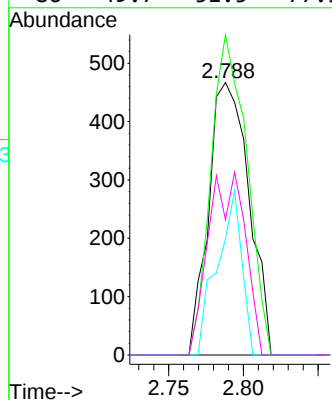


#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

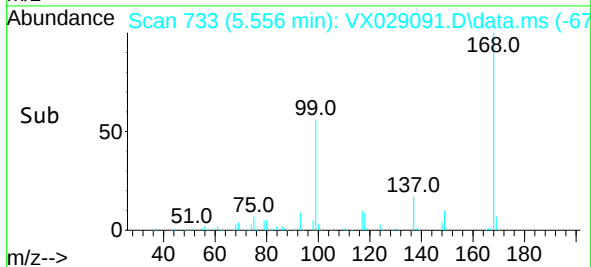
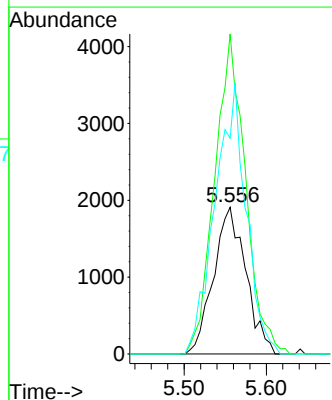
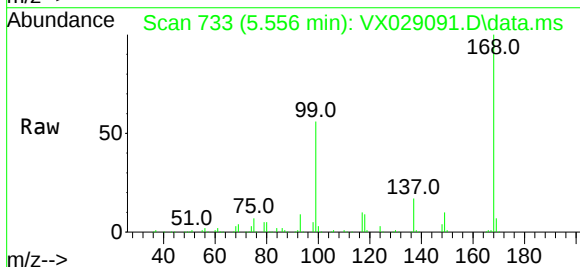


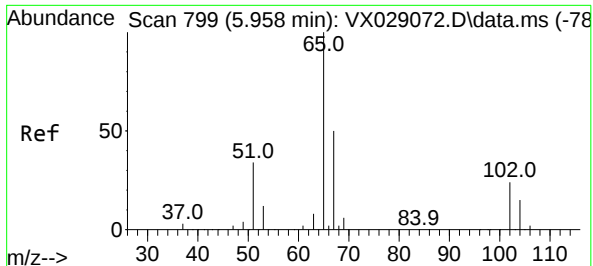
Tgt Ion: 84	Resp: 876
Ion Ratio	Lower Upper
84 100	
49 117.6	85.5 128.3
51 42.6	26.6 39.8#
86 49.7	51.5 77.3#



#31
Cyclohexane
Concen: 1.095 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Tgt Ion: 56	Resp: 5229		
Ion Ratio	Lower	Upper	
56	100		
69	218.1	26.7	40.1#
84	147.0	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 51.184 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029091.D

Acq: 31 May 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

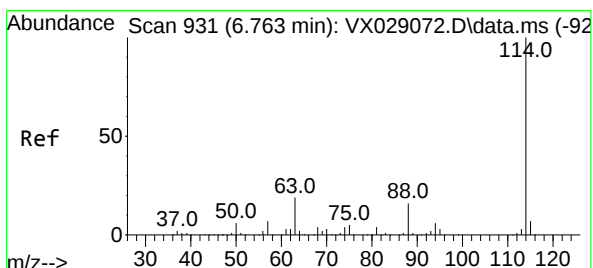
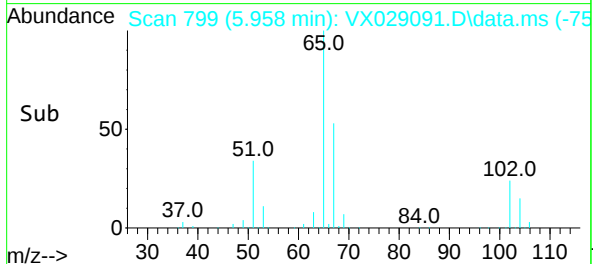
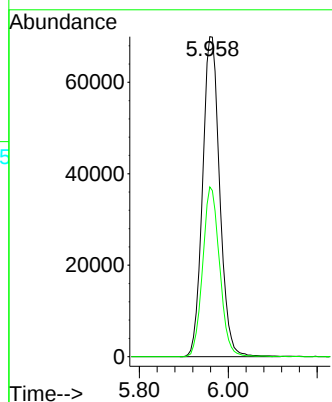
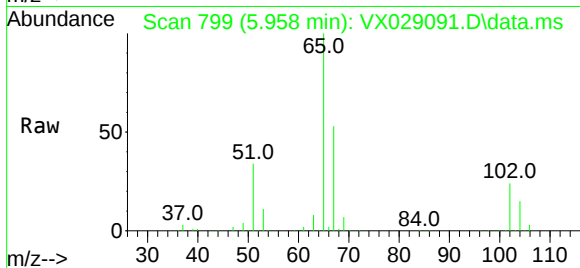
TB06-20220525

Tgt Ion: 65 Resp: 187998

Ion Ratio Lower Upper

65 100

67 52.4 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: VX029091.D

Acq: 31 May 2022 21:59

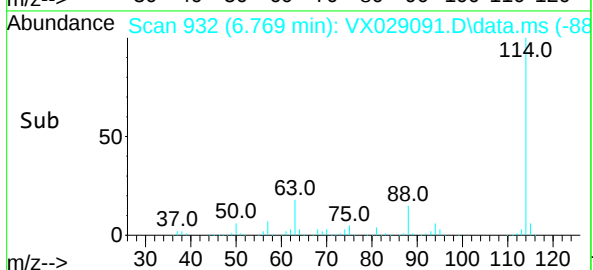
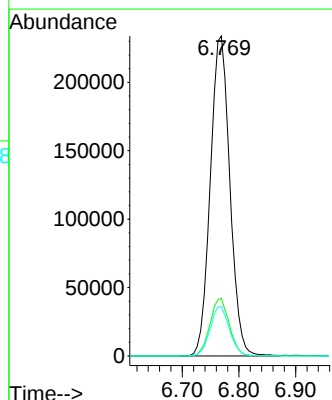
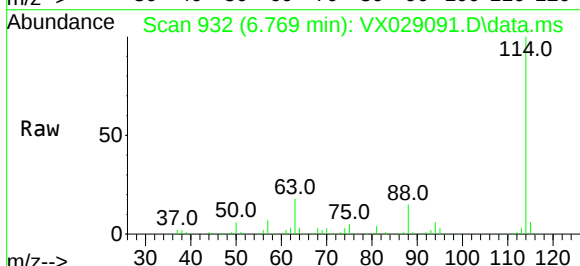
Tgt Ion: 114 Resp: 560012

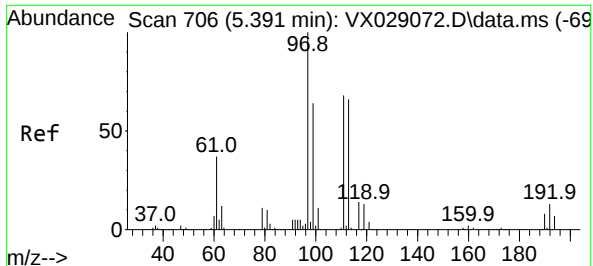
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.840 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029091.D

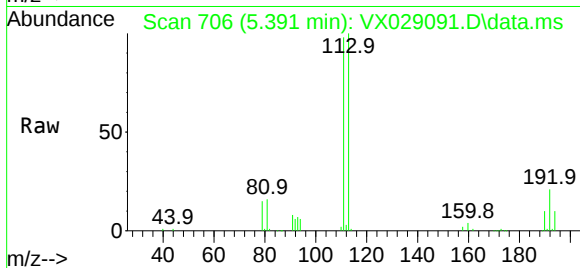
Acq: 31 May 2022 21:59

Instrument :

MSVOA_X

ClientSampleId :

TB06-20220525



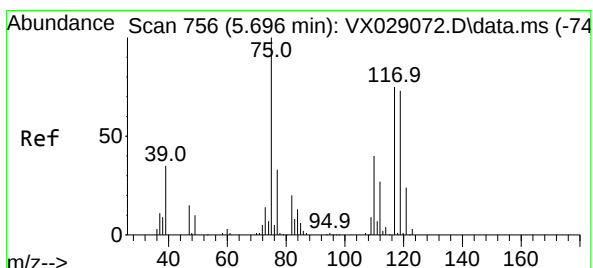
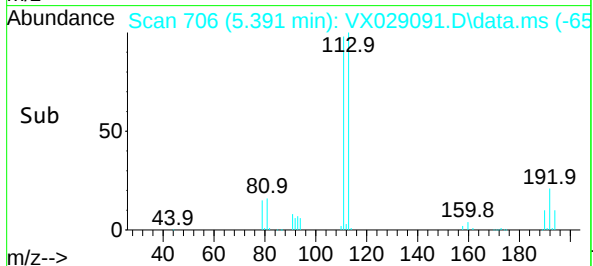
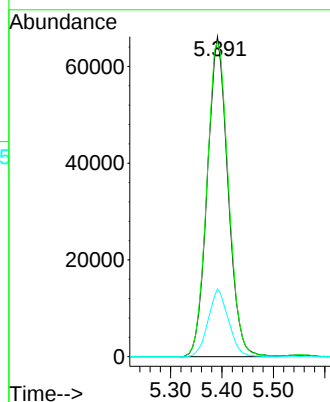
Tgt Ion:113 Resp: 185391

Ion Ratio Lower Upper

113 100

111 102.4 82.8 124.2

192 20.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.721 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX029091.D

Acq: 31 May 2022 21:59

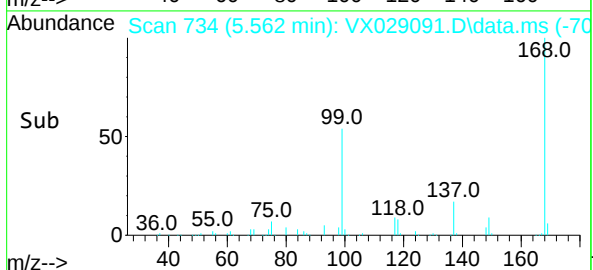
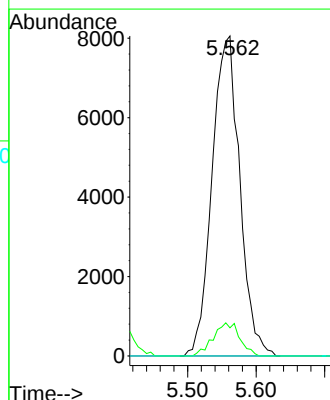
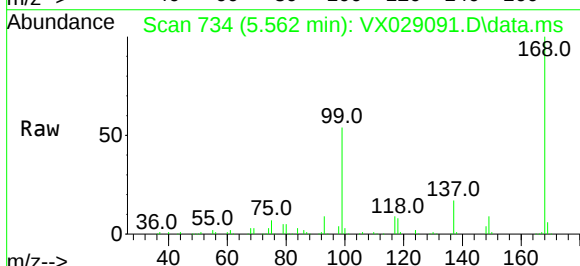
Tgt Ion: 75 Resp: 22597

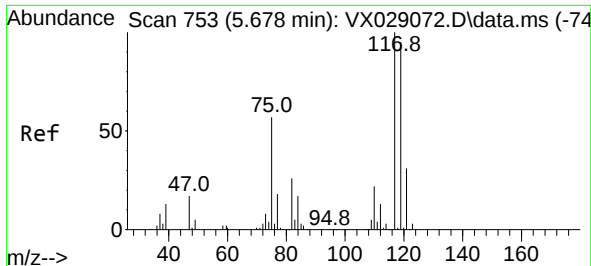
Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

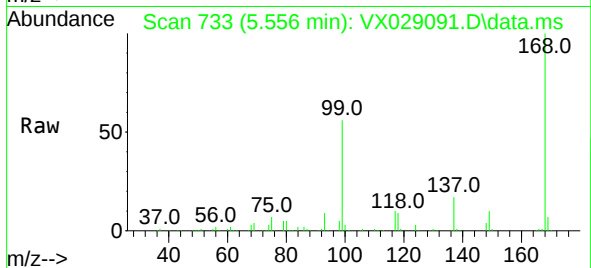
77 0.0 24.8 37.2#



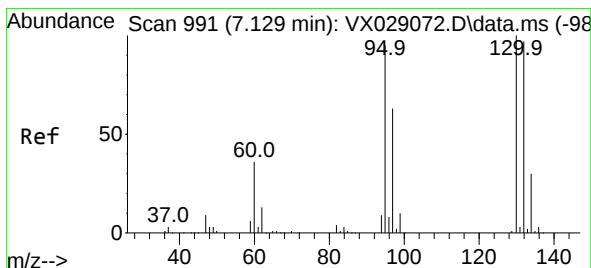
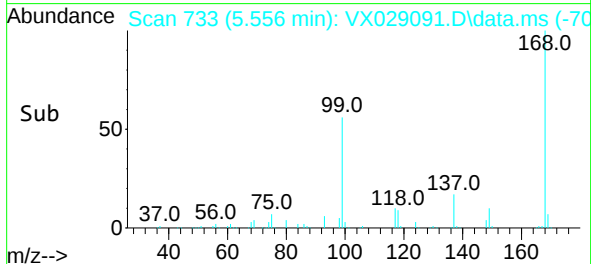
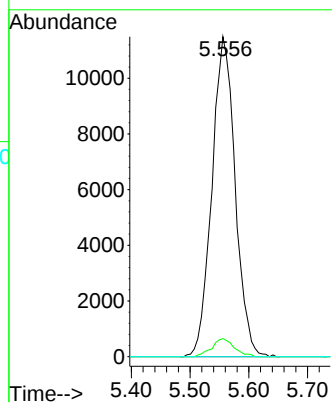


#38
Carbon Tetrachloride
Concen: 5.782 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

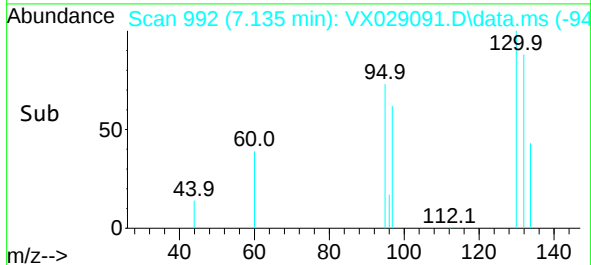
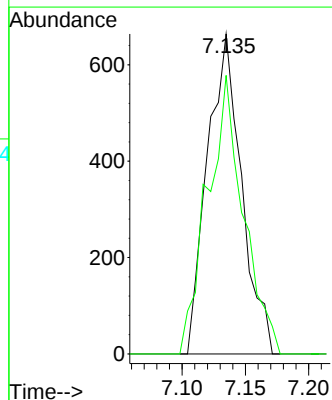
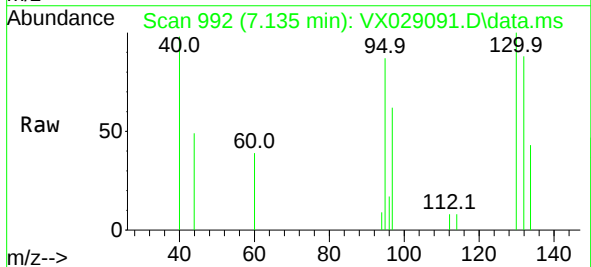


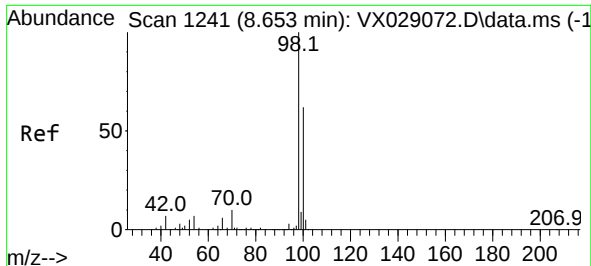
Tgt Ion:117 Resp: 31628
Ion Ratio Lower Upper
117 100
119 5.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Tgt Ion:130 Resp: 1247
Ion Ratio Lower Upper
130 100
95 87.0 0.0 188.8

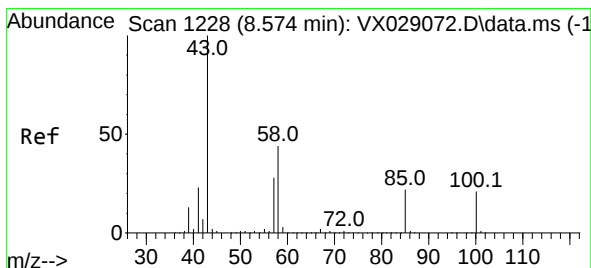
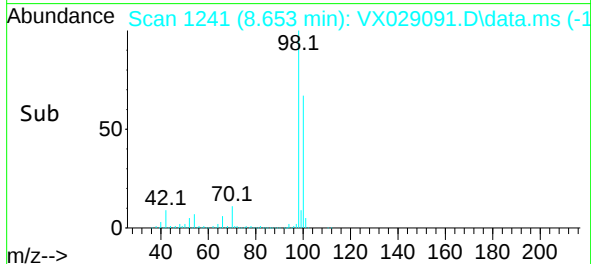
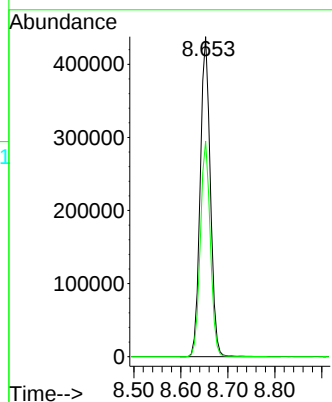
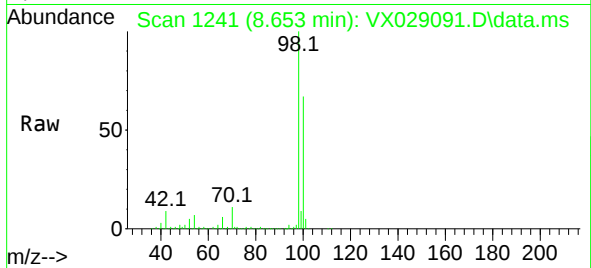




#50
Toluene-d8
Concen: 48.266 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

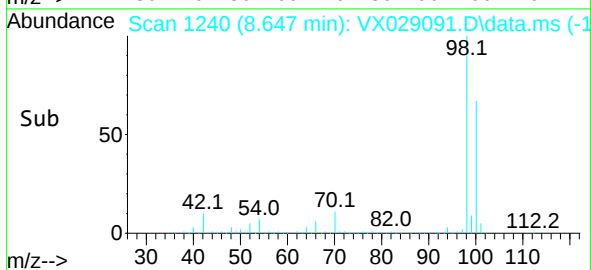
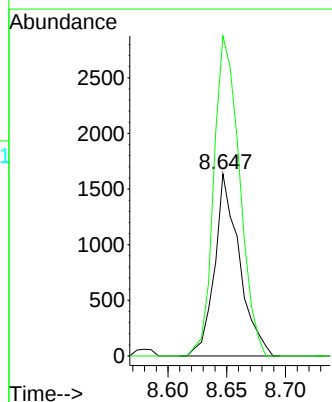
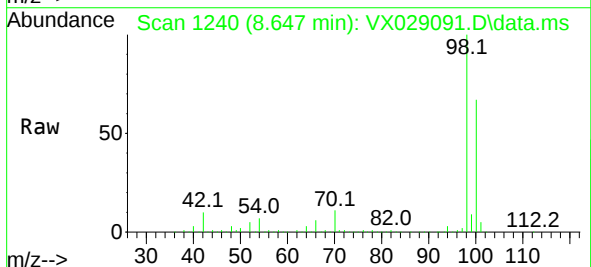
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

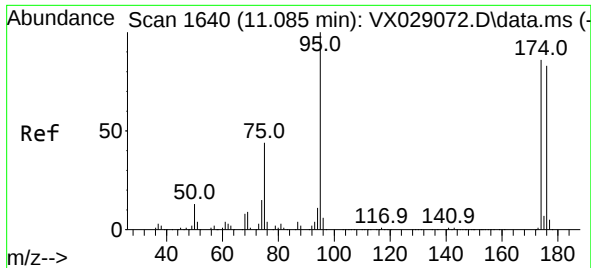
Tgt Ion: 98 Resp: 656645
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Tgt Ion: 43 Resp: 2396
Ion Ratio Lower Upper
43 100
58 182.7 36.1 54.1#

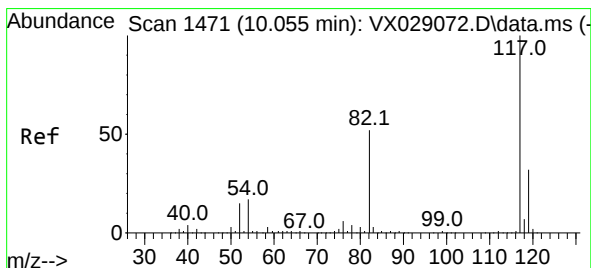
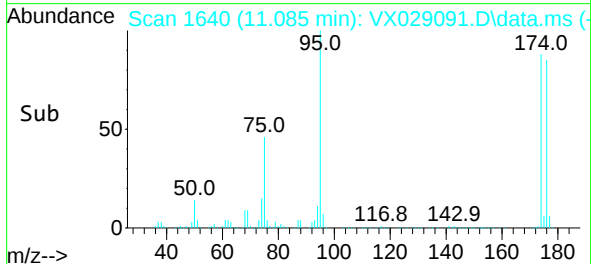
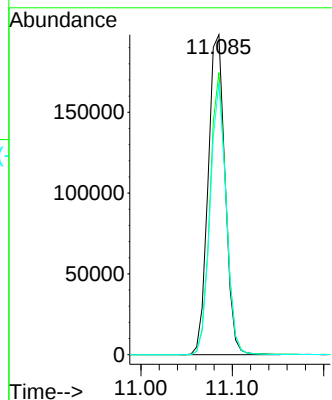
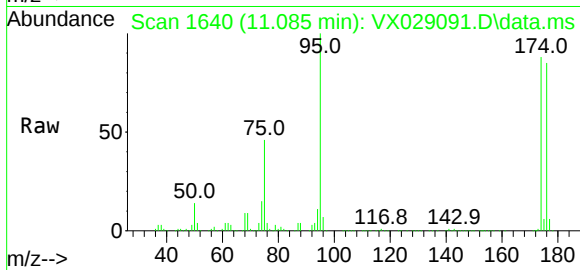




#62
4-Bromofluorobenzene
Concen: 48.589 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

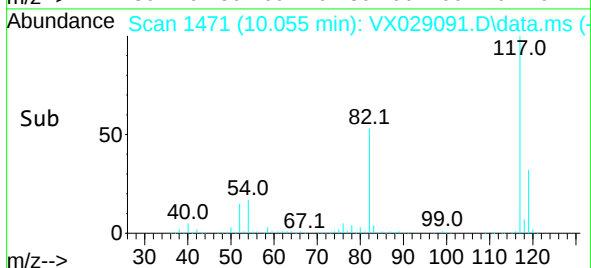
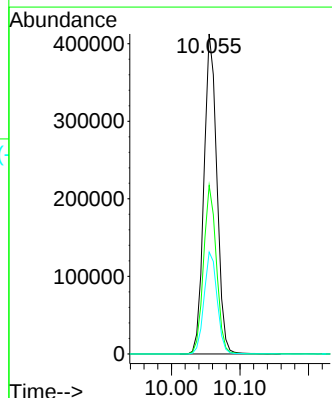
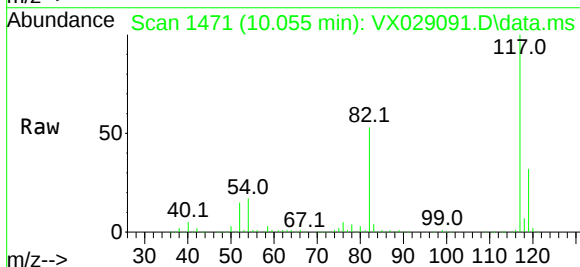
Instrument :
MSVOA_X
ClientSampleId :
TB06-20220525

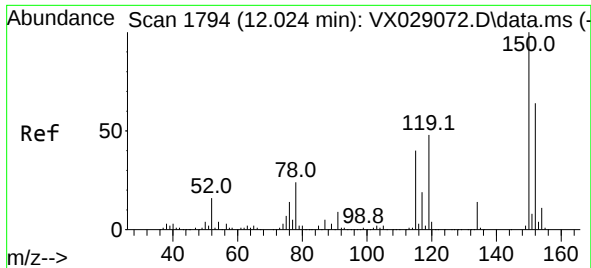
Tgt Ion: 95 Resp: 255526
Ion Ratio Lower Upper
95 100
174 83.4 0.0 163.0
176 79.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029091.D
Acq: 31 May 2022 21:59

Tgt Ion: 117 Resp: 543185
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 31.8 24.8 37.2

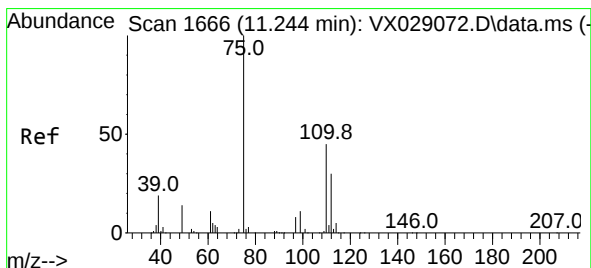
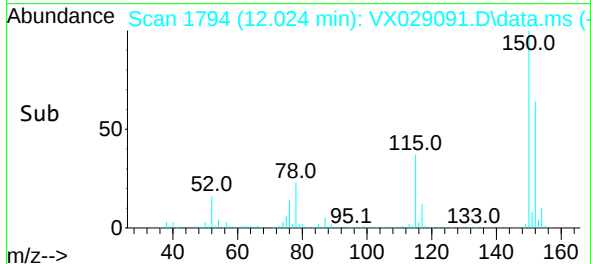
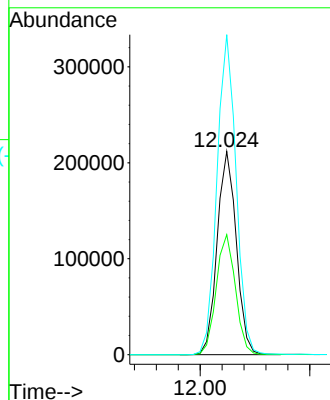
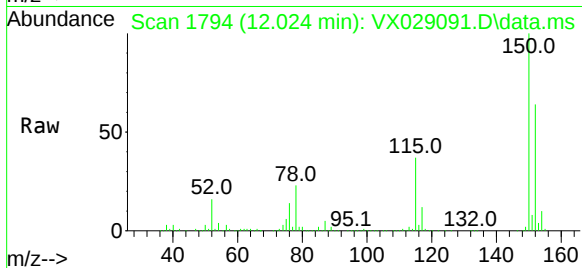




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029091.D
 Acq: 31 May 2022 21:59

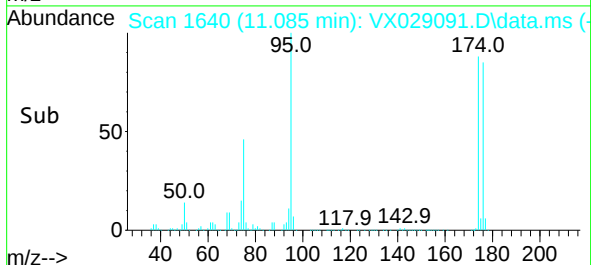
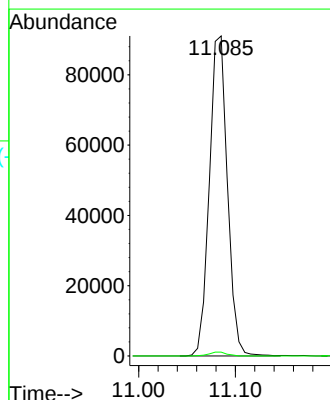
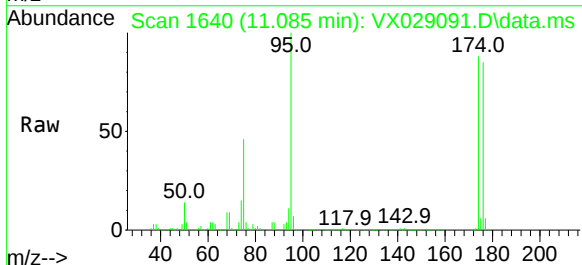
Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20220525

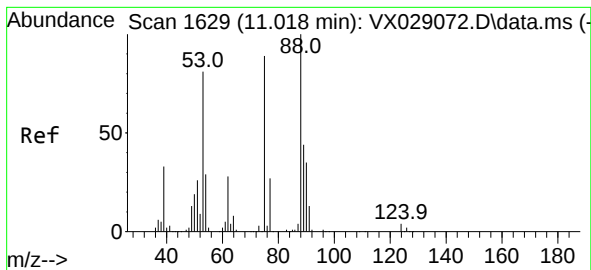
Tgt Ion:152 Resp: 257476
 Ion Ratio Lower Upper
 152 100
 115 59.4 37.5 112.7
 150 157.3 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 22.671 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX029091.D
 Acq: 31 May 2022 21:59

Tgt Ion: 75 Resp: 118331
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.512 ug/l
 RT: 11.085 min Scan# 11
 Delta R.T. 0.067 min
 Lab File: VX029091.D
 Acq: 31 May 2022 21:59

Instrument :
 MSVOA_X
 ClientSampleId :
 TB06-20220525

Tgt Ion: 75 Resp: 118331
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

