

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
 Data File : VX022268.D
 Acq On : 28 May 2021 22:21
 Operator : JC/MD
 Sample : M2561-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB02-20210526

Quant Time: May 29 04:56:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

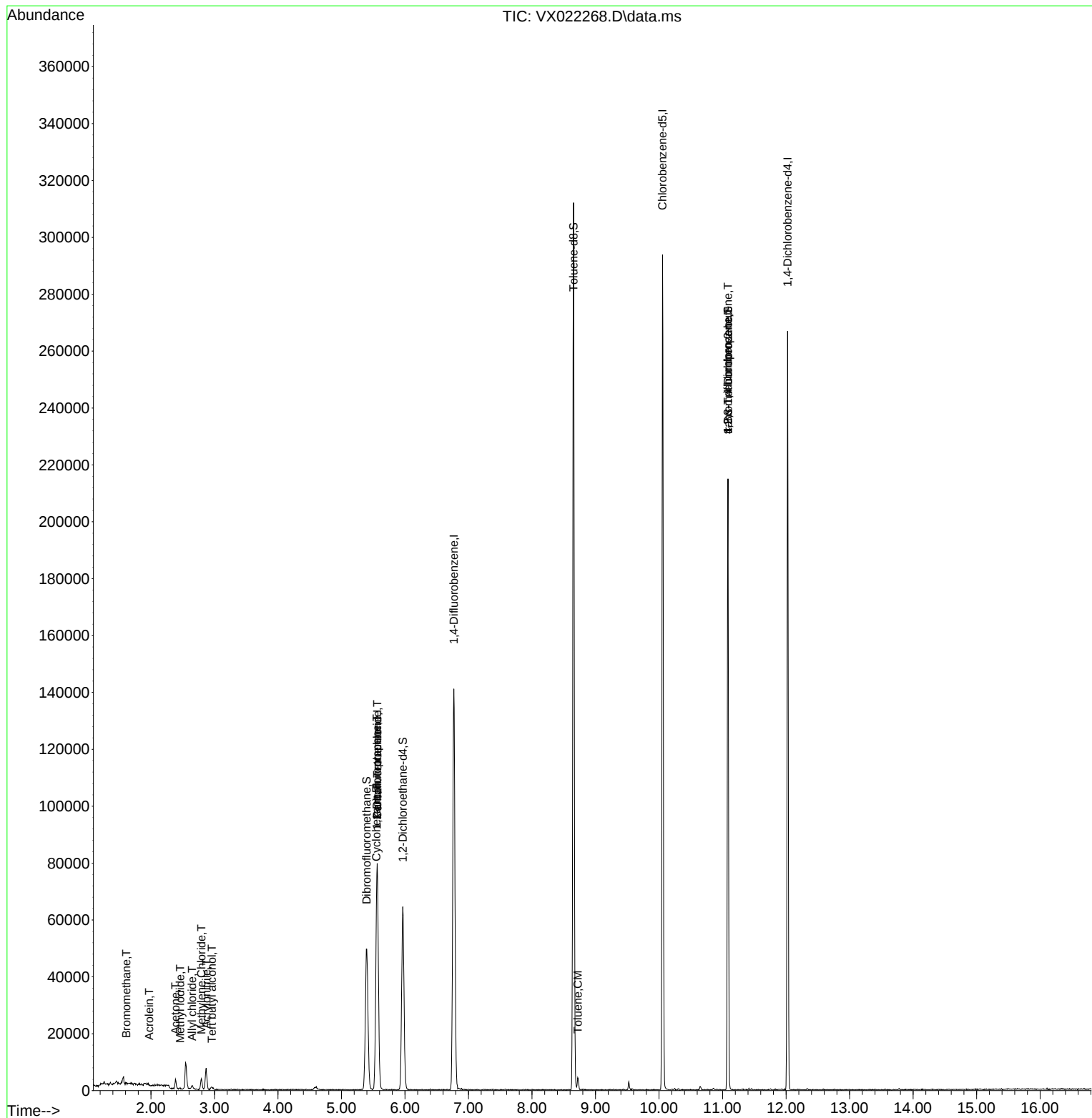
Internal Standards						
1) Pentafluorobenzene	5.562	168	67308	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	142142	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	56614	54.53	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 109.06%			
35) Dibromofluoromethane	5.397	113	42248	46.87	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.74%			
50) Toluene-d8	8.653	98	174302	50.20	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.40%			
62) 4-Bromofluorobenzene	11.085	95	60410	47.07	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.14%			
Target Compounds						
						Qvalue
5) Bromomethane	1.612	94	218	0.40	ug/l	# 2
10) Methyl Iodide	2.459	142	387	0.45	ug/l	# 42
11) Tert butyl alcohol	2.959	59	696	2.93	ug/l	# 73
13) Acrolein	1.971	56	45	0.29	ug/l	# 43
14) Allyl chloride	2.648	41	1513	1.07	ug/l	# 46
15) Acrylonitrile	2.873	53	183	0.39	ug/l	# 18
16) Acetone	2.386	43	3414	7.55	ug/l	91
20) Methylene Chloride	2.794	84	1554	1.55	ug/l	# 76
31) Cyclohexane	5.550	56	1065	0.82	ug/l	# 18
36) 1,1-Dichloropropene	5.556	75	6681	5.08	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	7554	5.88	ug/l	# 16
52) Toluene	8.720	92	1518	0.59	ug/l	98
76) 1,2,3-Trichloropropane	11.085	75	31431	26.74	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	31431	63.36	ug/l	# 12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052921\
Data File : VX022268.D
Acq On : 28 May 2021 22:21
Operator : JC/MD
Sample : M2561-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

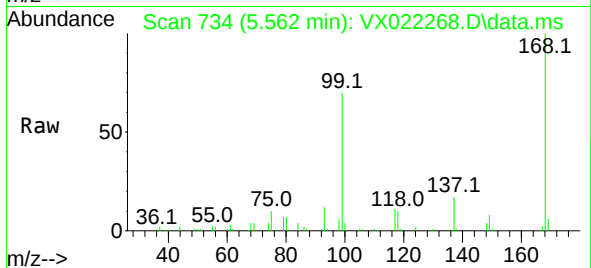
Quant Time: May 29 04:56:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
Response via : Initial Calibration



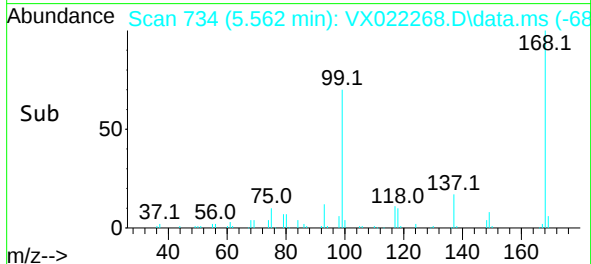
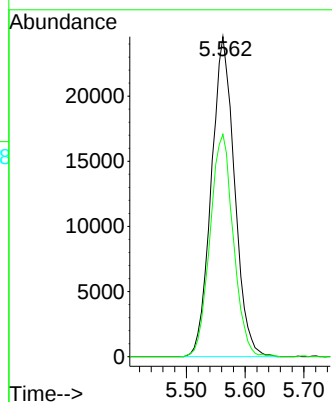


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

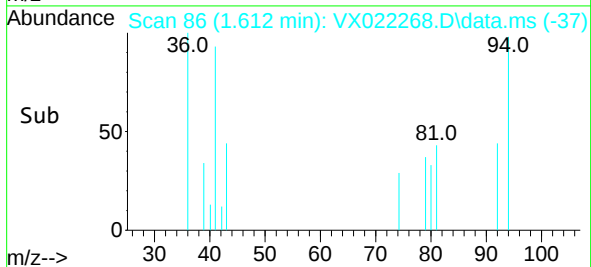
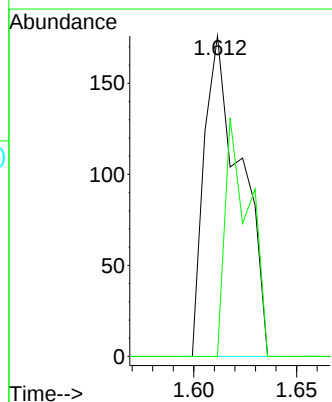
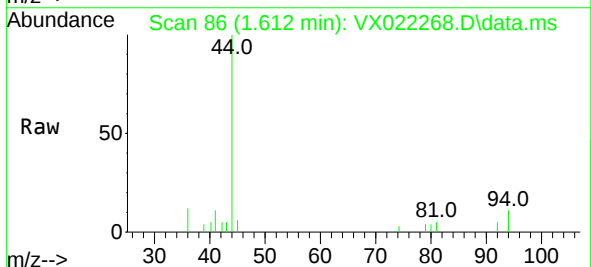


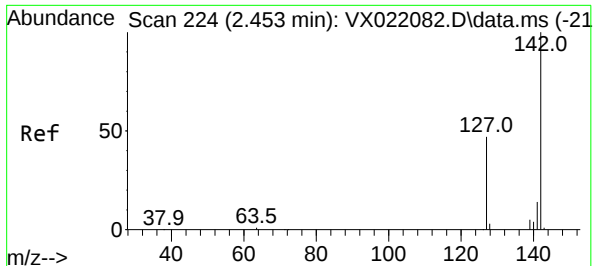
Tgt Ion:168 Resp: 67308
Ion Ratio Lower Upper
168 100
99 69.5 45.8 68.6#



#5
Bromomethane
Concen: 0.40 ug/l
RT: 1.612 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

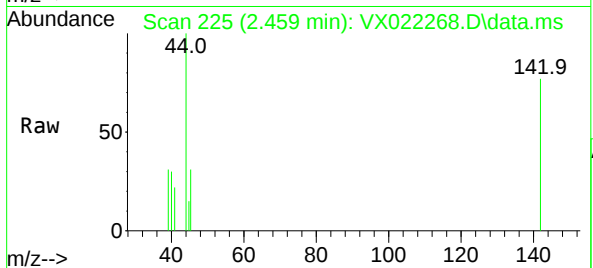
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



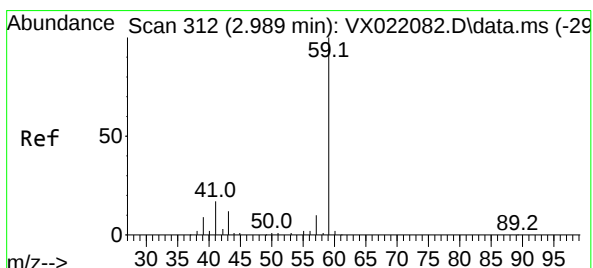
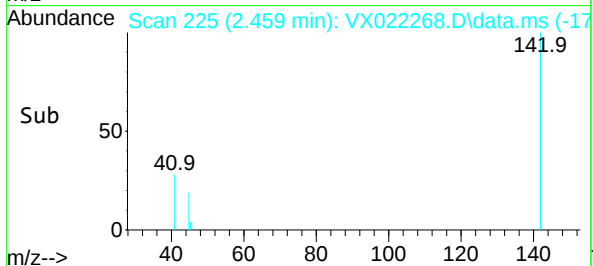
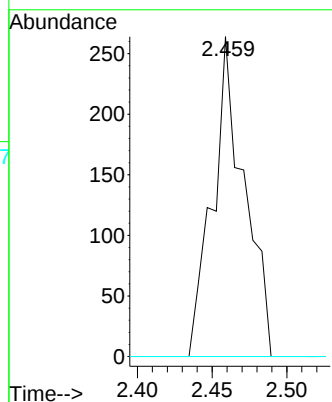


#10
Methyl Iodide
Concen: 0.45 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

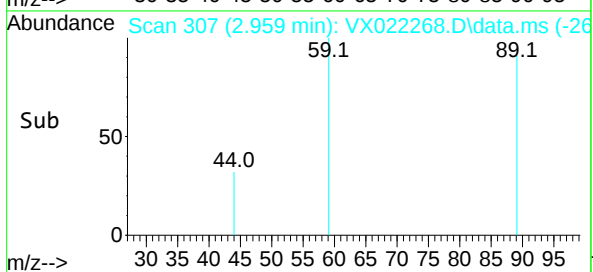
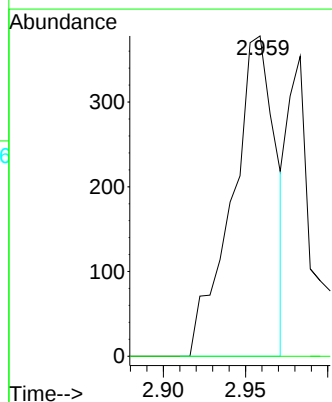
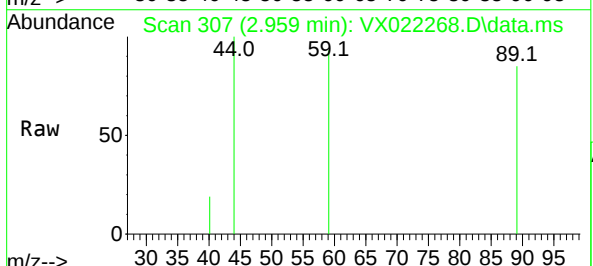


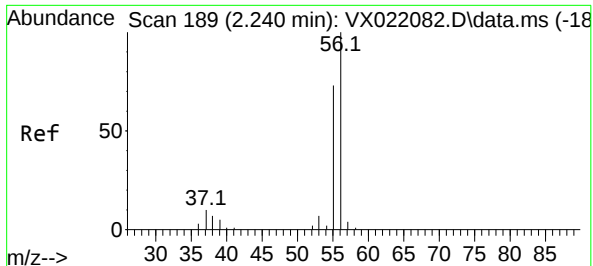
Tgt Ion:142 Resp: 387
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.93 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.030 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion: 59 Resp: 696
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

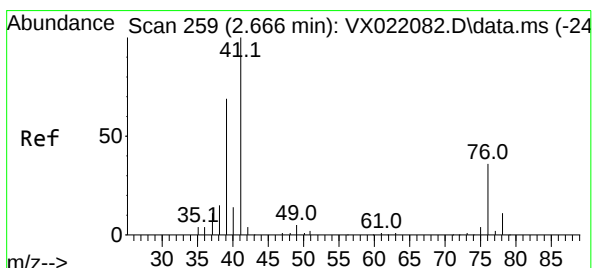
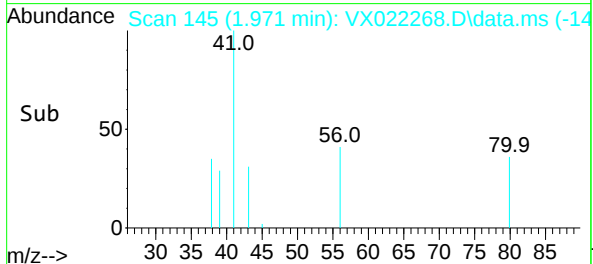
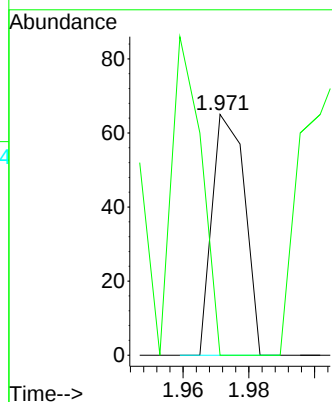
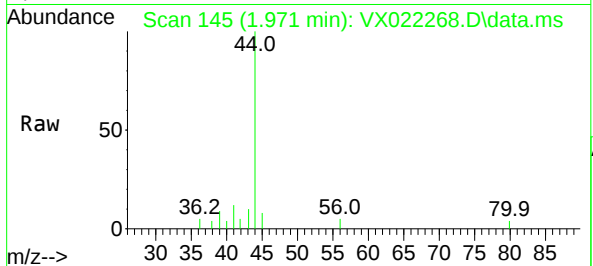




#13
Acrolein
Concen: 0.29 ug/l
RT: 1.971 min Scan# 145
Delta R.T. -0.269 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

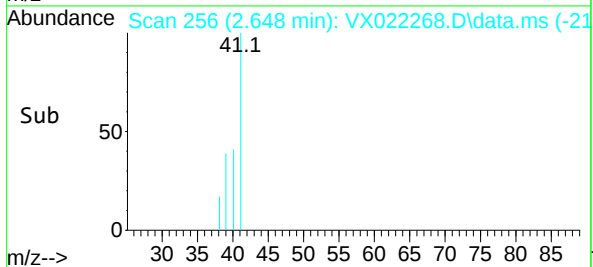
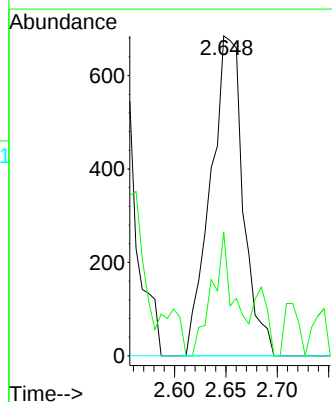
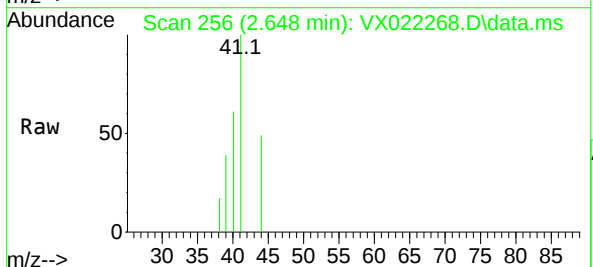
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

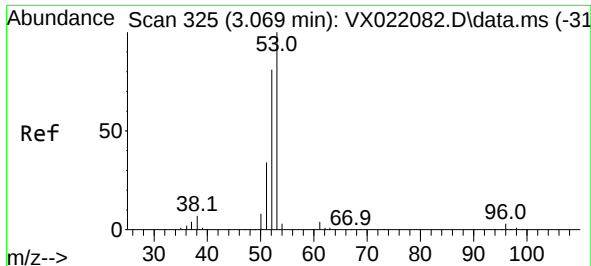
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 117.8 56.4 84.6#



#14
Allyl chloride
Concen: 1.07 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion: 41 Resp: 1513
Ion Ratio Lower Upper
41 100
39 26.0 51.6 77.4#
76 0.0 30.5 45.7#

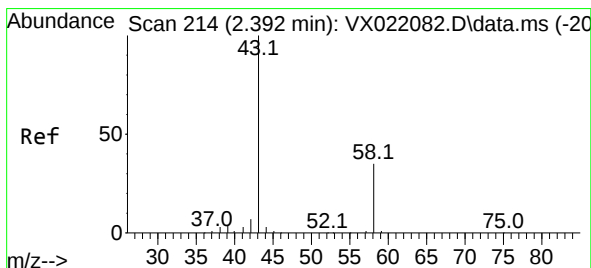
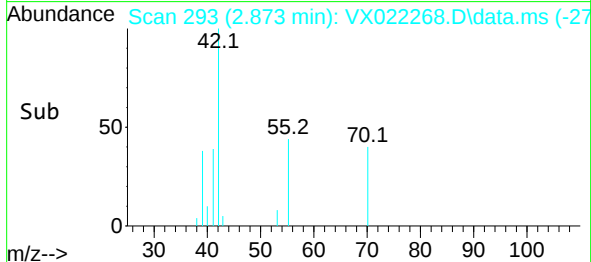
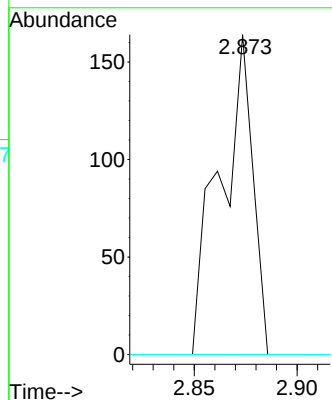
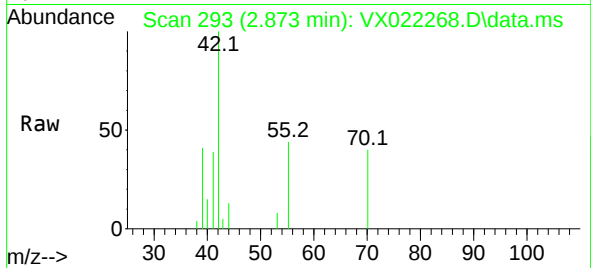




#15
Acrylonitrile
Concen: 0.39 ug/l
RT: 2.873 min Scan# 293
Delta R.T. -0.196 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

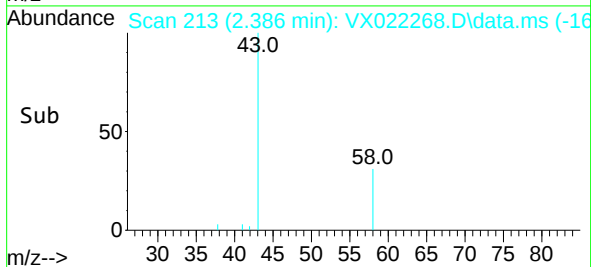
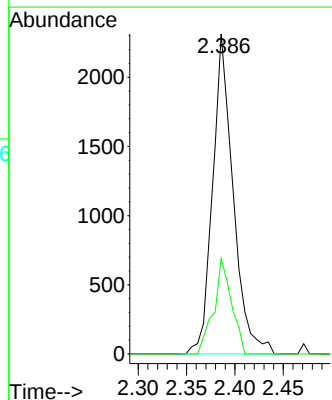
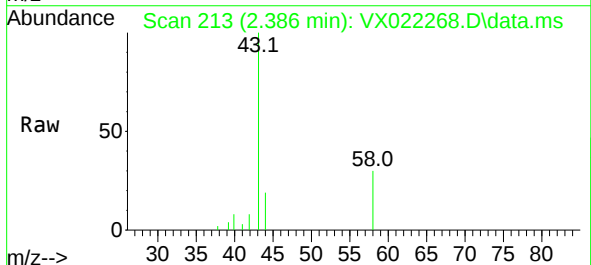
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

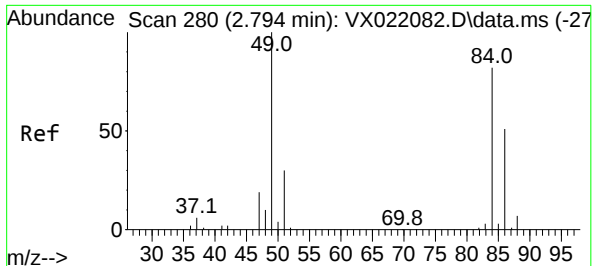
Tgt Ion: 53 Resp: 183
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9#
51 0.0 28.2 42.2#



#16
Acetone
Concen: 7.55 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion: 43 Resp: 3414
Ion Ratio Lower Upper
43 100
58 29.8 27.8 41.8





#20

Methylene Chloride

Concen: 1.55 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022268.D

Acq: 28 May 2021 22:21

Instrument :

MSVOA_X

ClientSampleId :

TB02-20210526

Tgt Ion: 84 Resp: 1554

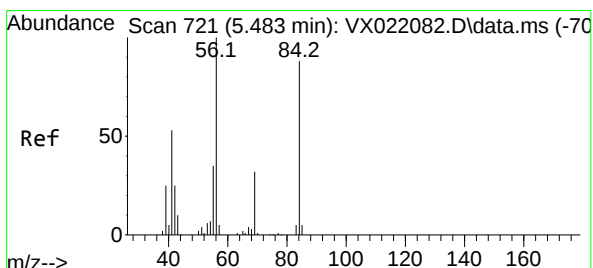
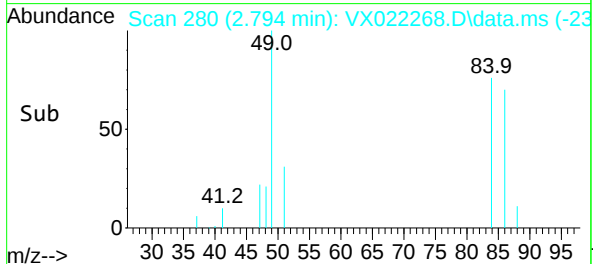
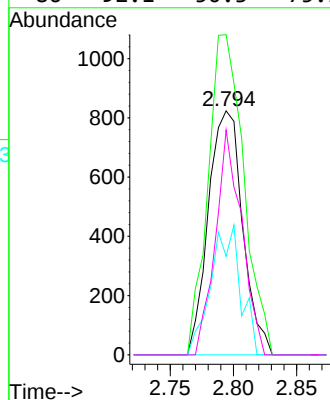
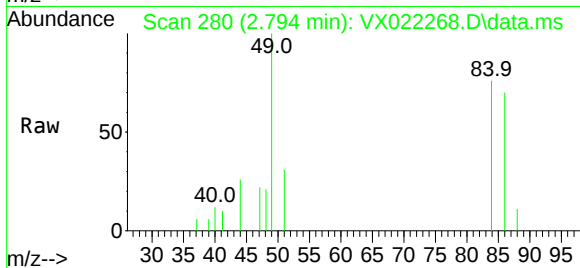
Ion Ratio Lower Upper

84 100

49 131.2 88.6 132.8

51 40.3 27.0 40.6

86 92.1 50.3 75.5#



#31

Cyclohexane

Concen: 0.82 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.067 min

Lab File: VX022268.D

Acq: 28 May 2021 22:21

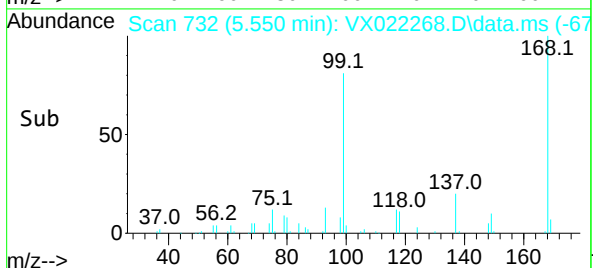
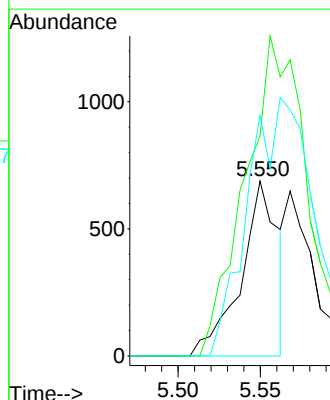
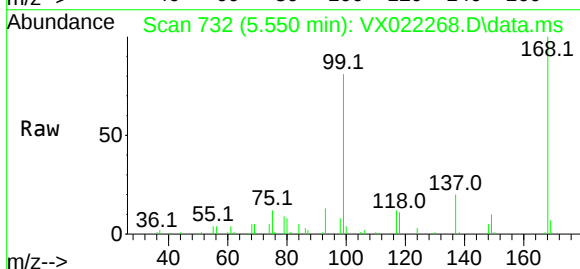
Tgt Ion: 56 Resp: 1065

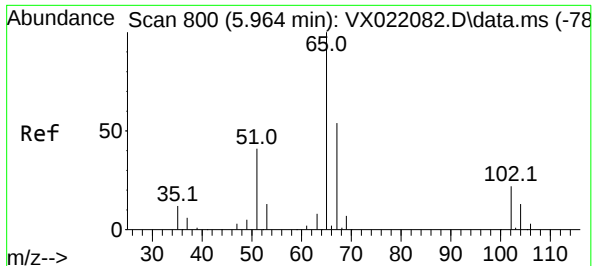
Ion Ratio Lower Upper

56 100

69 125.7 25.3 37.9#

84 137.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 54.53 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022268.D

Acq: 28 May 2021 22:21

Tgt Ion: 65 Resp: 56614

Ion Ratio Lower Upper

65 100

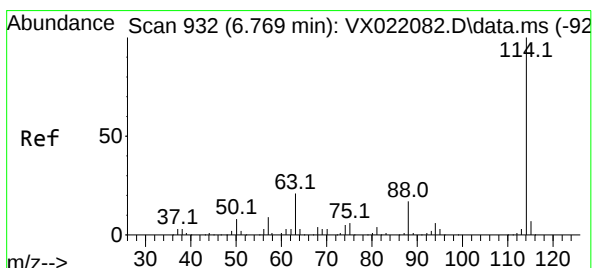
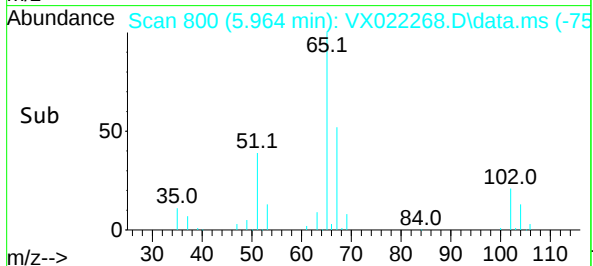
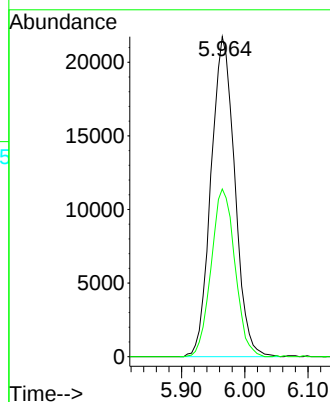
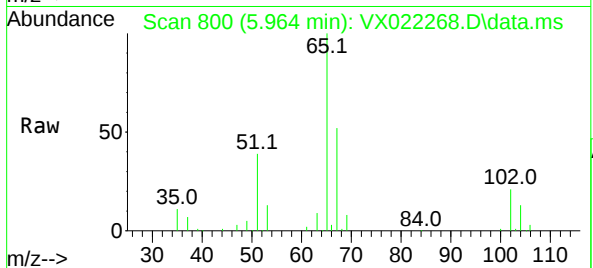
67 52.5 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

TB02-20210526



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022268.D

Acq: 28 May 2021 22:21

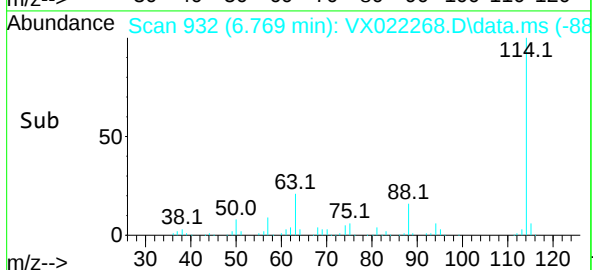
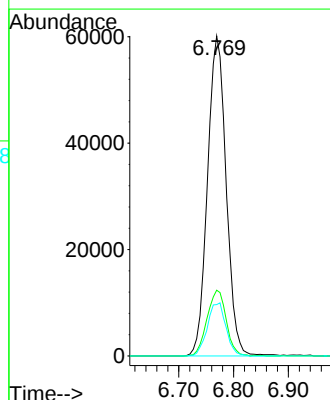
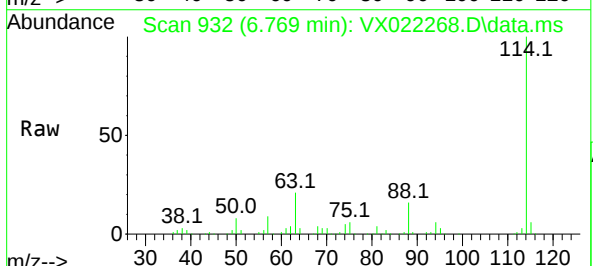
Tgt Ion: 114 Resp: 142142

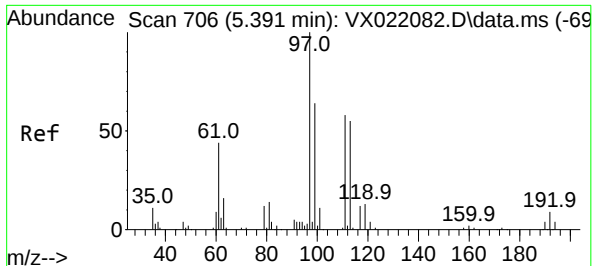
Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.87 ug/l

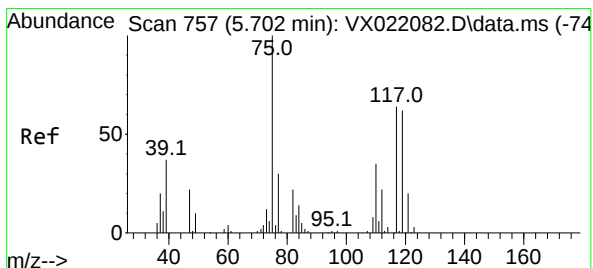
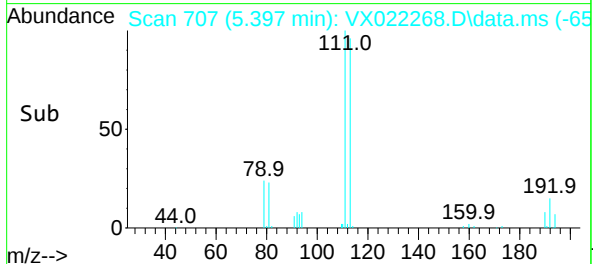
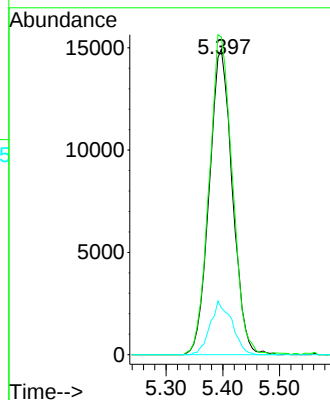
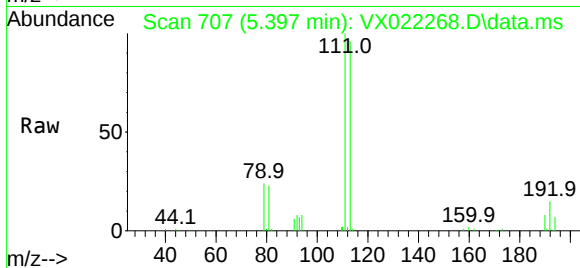
RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022268.D

Acq: 28 May 2021 22:21

Tgt Ion:	113	Resp:	42248
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.9	122.9
192	16.5	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.08 ug/l

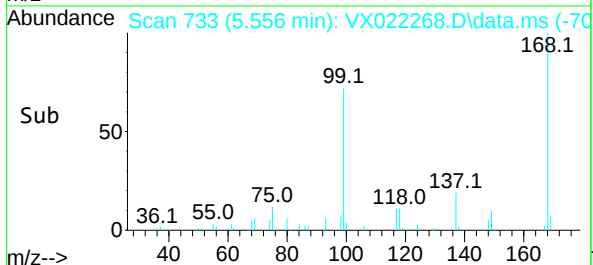
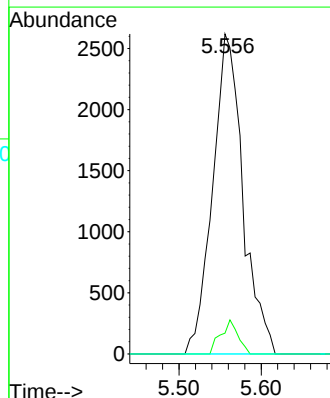
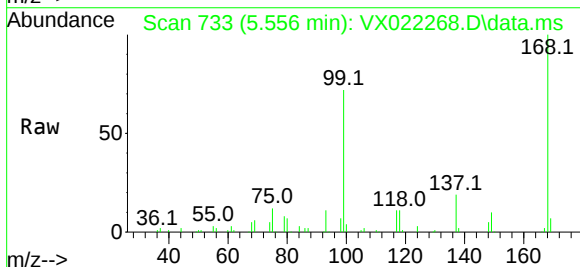
RT: 5.556 min Scan# 733

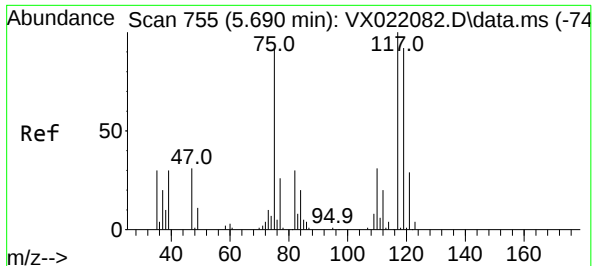
Delta R.T. -0.146 min

Lab File: VX022268.D

Acq: 28 May 2021 22:21

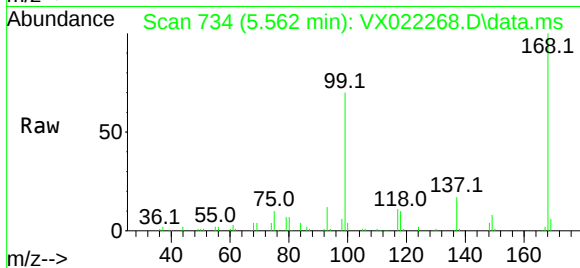
Tgt Ion:	75	Resp:	6681
Ion	Ratio	Lower	Upper
75	100		
110	6.0	18.1	54.4#
77	0.0	25.3	37.9#



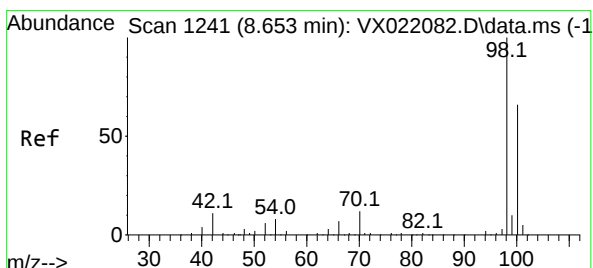
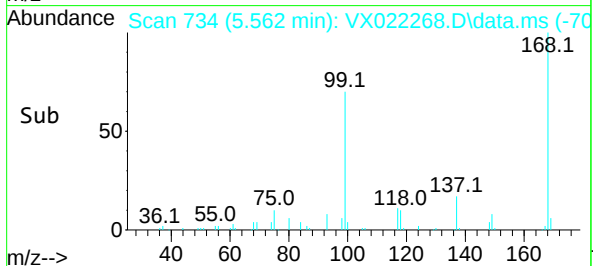
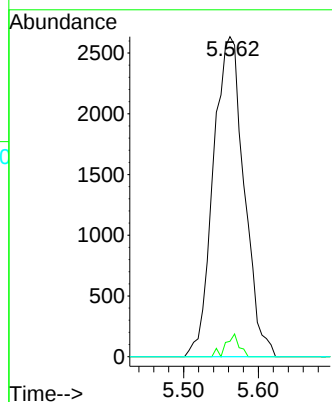


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

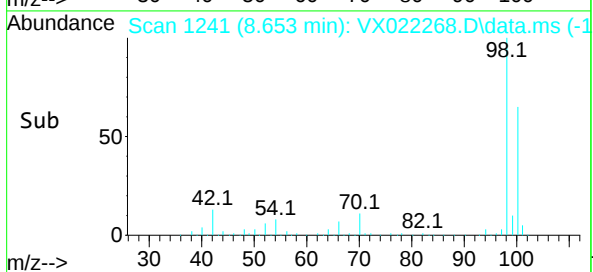
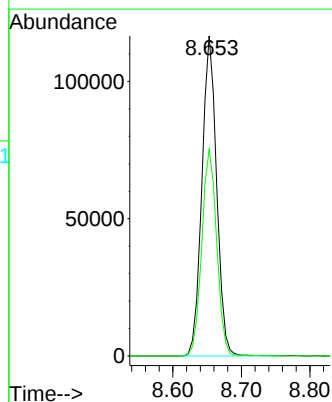
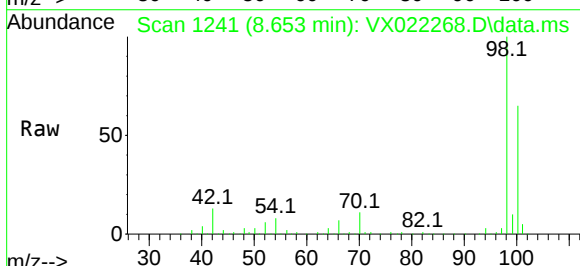


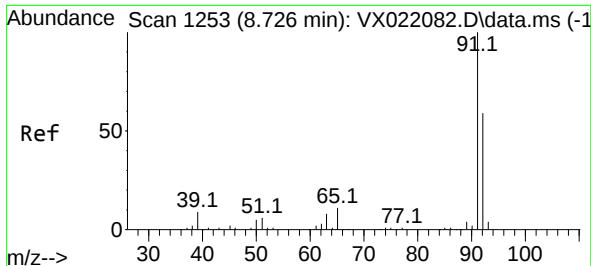
Tgt Ion:117 Resp: 7554
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.20 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion: 98 Resp: 174302
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

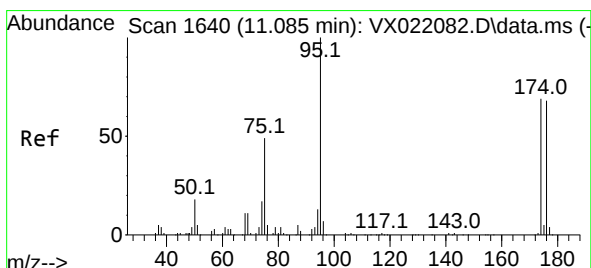
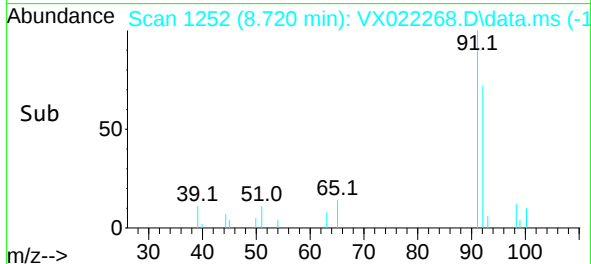
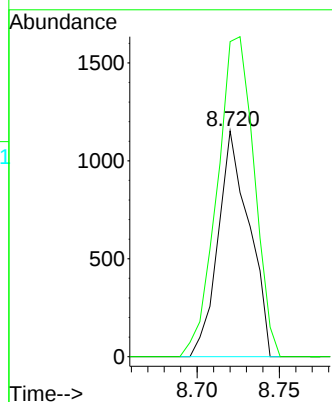
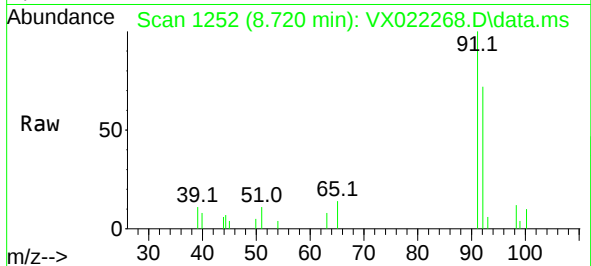




#52
Toluene
Concen: 0.59 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.006 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

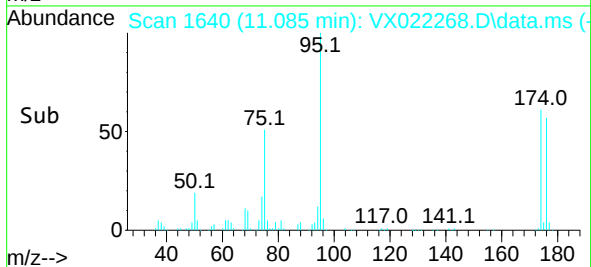
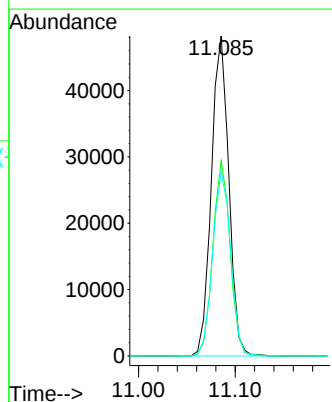
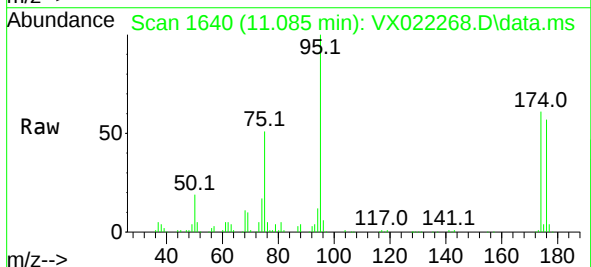
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

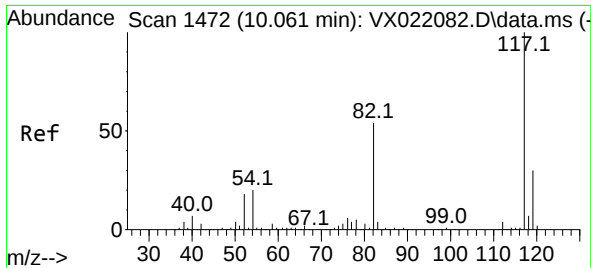
Tgt Ion: 92 Resp: 1518
Ion Ratio Lower Upper
92 100
91 168.6 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 47.07 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion: 95 Resp: 60410
Ion Ratio Lower Upper
95 100
174 60.3 0.0 154.6
176 59.6 0.0 155.8

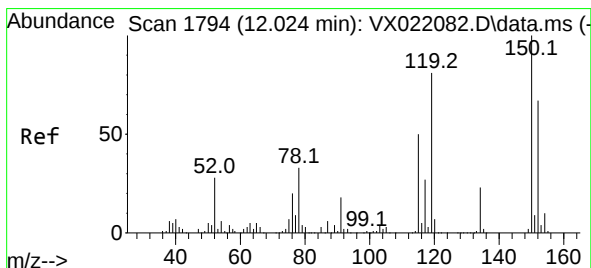
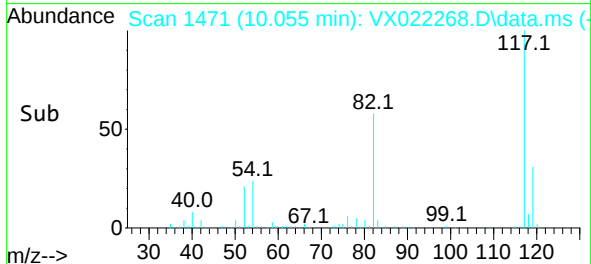
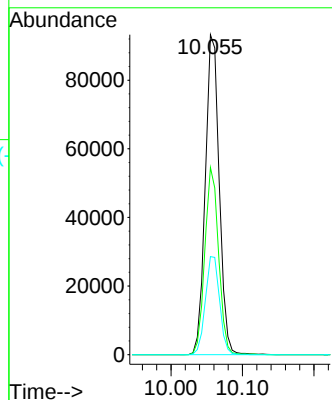
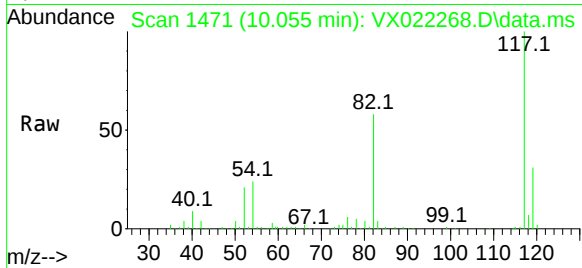




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

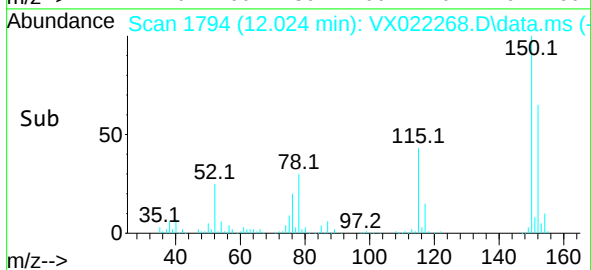
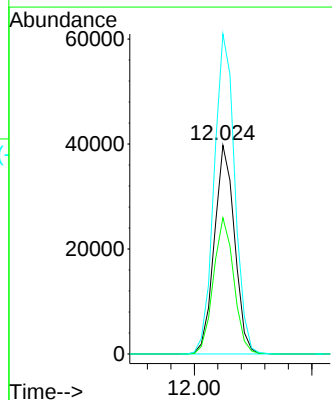
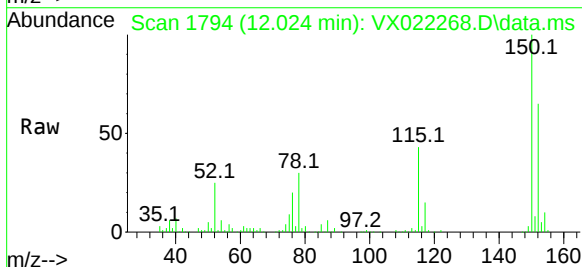
Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

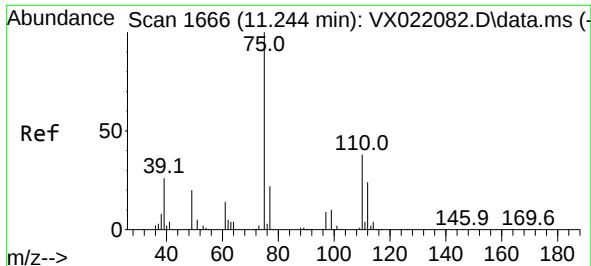
Tgt Ion:117 Resp: 126510
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 30.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion:152 Resp: 47645
Ion Ratio Lower Upper
152 100
115 65.6 41.1 123.3
150 155.8 0.0 349.0

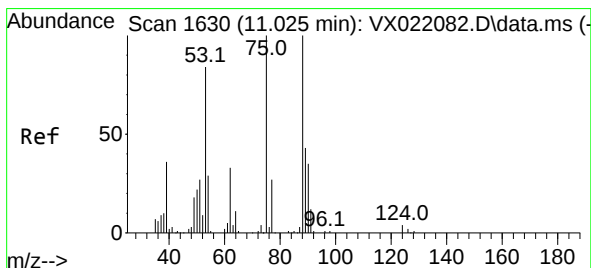
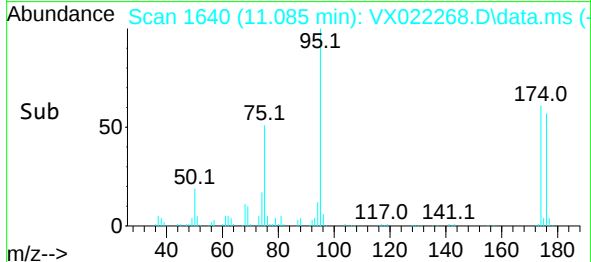
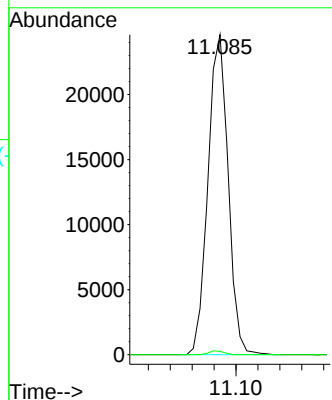
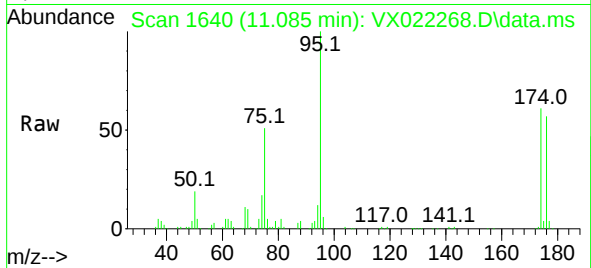




#76
1,2,3-Trichloropropane
Concen: 26.74 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Instrument :
MSVOA_X
ClientSampleId :
TB02-20210526

Tgt Ion: 75 Resp: 31431
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.36 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022268.D
Acq: 28 May 2021 22:21

Tgt Ion: 75 Resp: 31431
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.3 37.9 56.9#

