

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028944.D
 Acq On : 25 May 2022 12:44
 Operator : JC/MD
 Sample : N3030-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20220524

Quant Time: May 26 05:43:28 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)

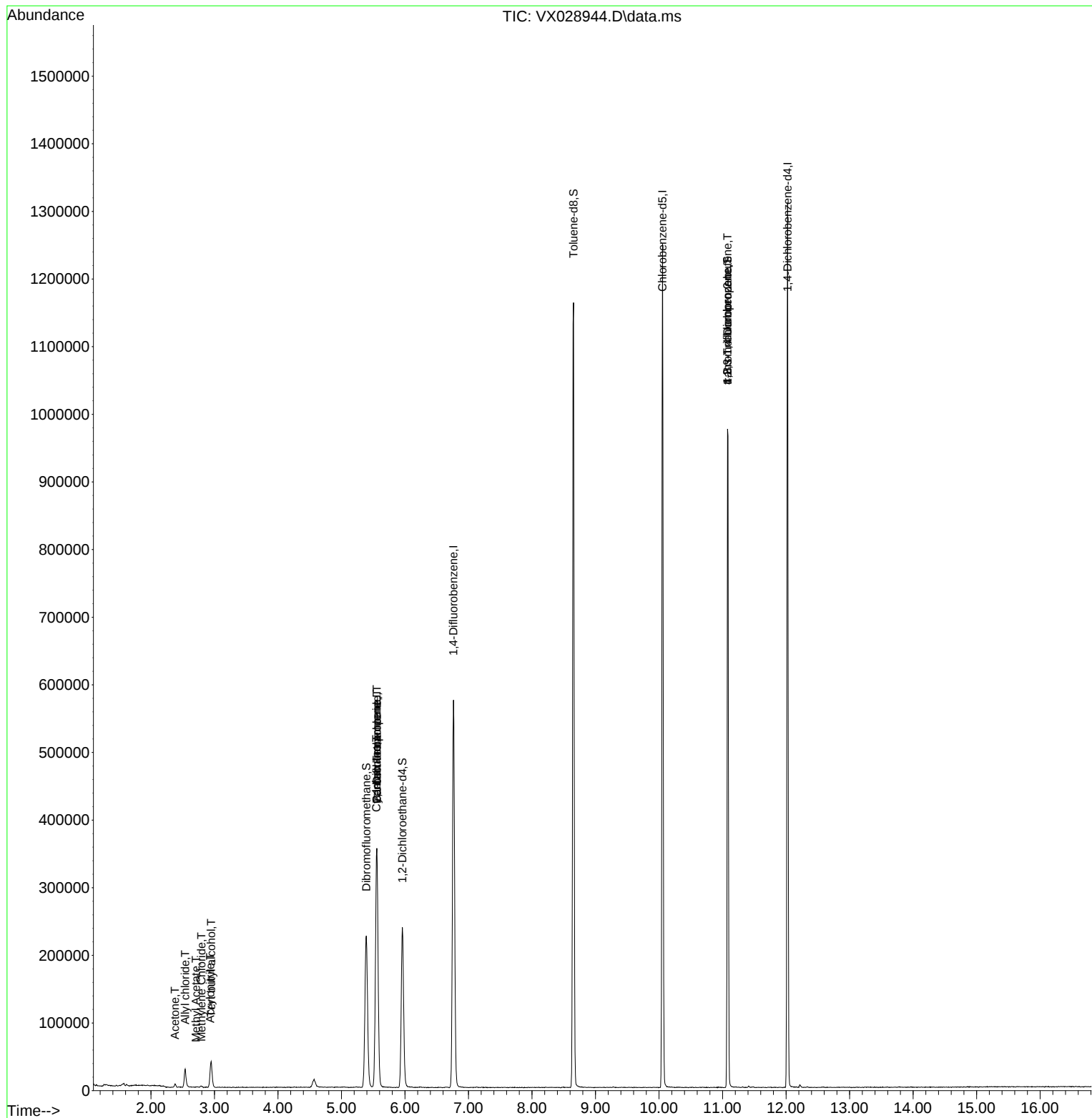
Internal Standards						
1) Pentafluorobenzene	5.556	168	334590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	591249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	265713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	231014	50.369	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.740%	
35) Dibromofluoromethane	5.391	113	198240	51.175	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.340%	
50) Toluene-d8	8.653	98	709043	48.548	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	11.079	95	278385	51.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1065	Below Cal	#	78
6) Chloroethane	1.715	64	2163	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	22649	15.795	ug/l #	76
14) Allyl chloride	2.538	41	3120	0.562	ug/l #	62
15) Acrylonitrile	2.934	53	479	0.217	ug/l #	18
16) Acetone	2.380	43	5289	2.687	ug/l	96
18) Methyl Acetate	2.709	43	995	0.202	ug/l #	50
20) Methylene Chloride	2.794	84	1075	0.260	ug/l #	82
31) Cyclohexane	5.550	56	6687	1.050	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	26347	4.528	ug/l #	50
38) Carbon Tetrachloride	5.556	117	35523	6.067	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	140046	22.506	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	140046	65.813	ug/l #	15

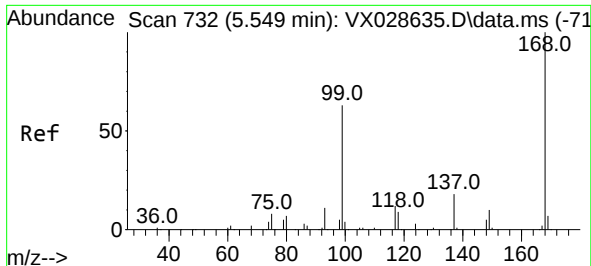
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 26 05:43:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
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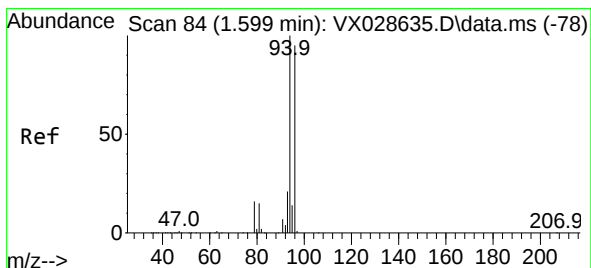
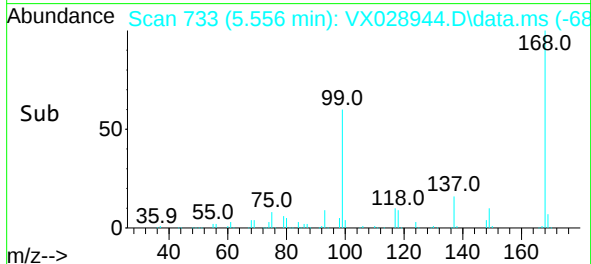
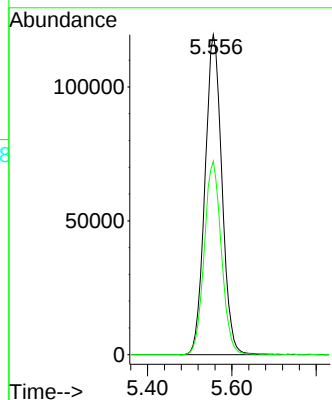
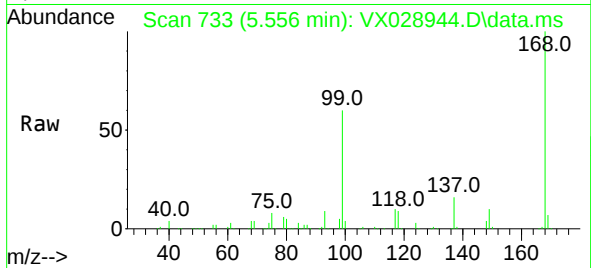




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

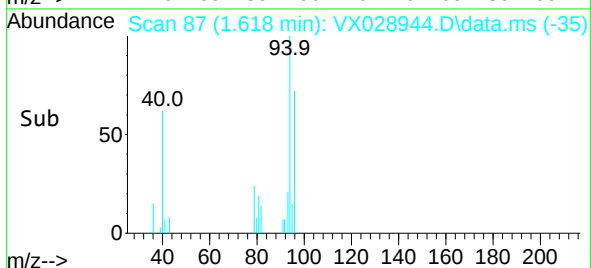
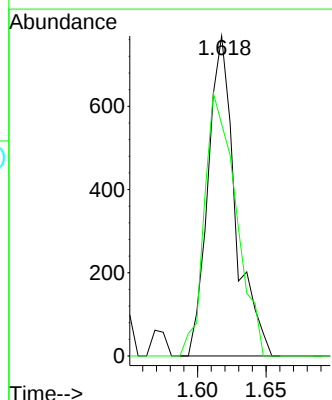
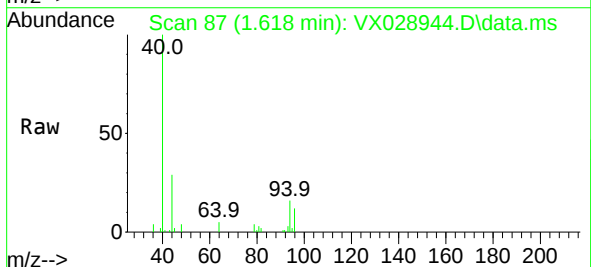
Instrument :
MSVOA_X
ClientSampleId :
TB05-20220524

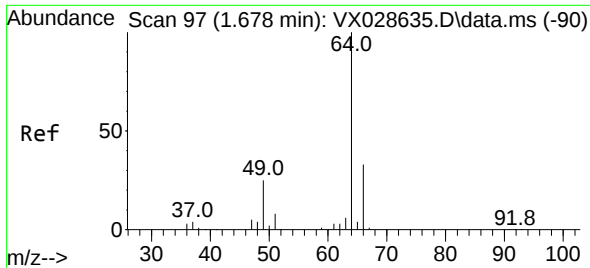
Tgt Ion:168 Resp: 334590
Ion Ratio Lower Upper
168 100
99 60.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 94 Resp: 1065
Ion Ratio Lower Upper
94 100
96 72.4 75.3 112.9#

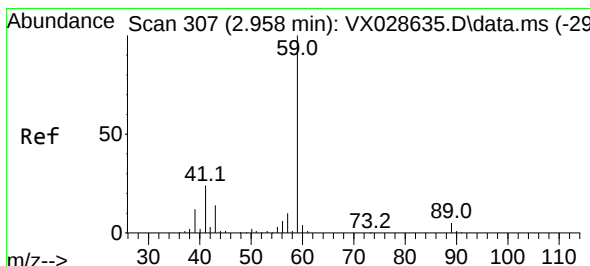
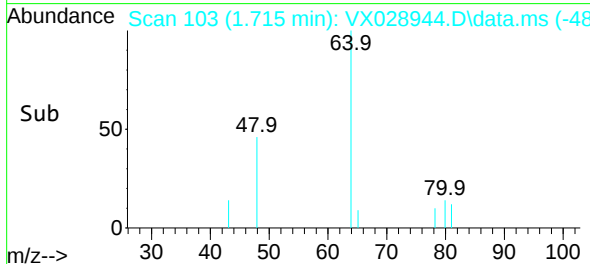
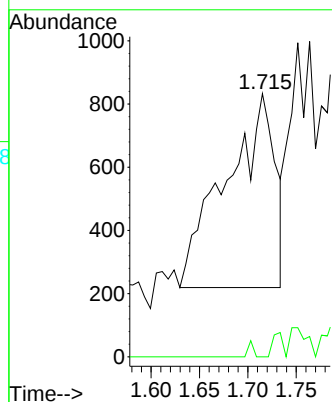
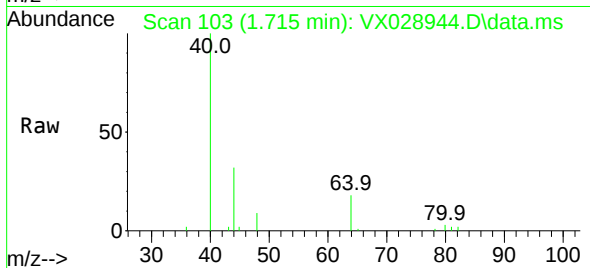




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.037 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

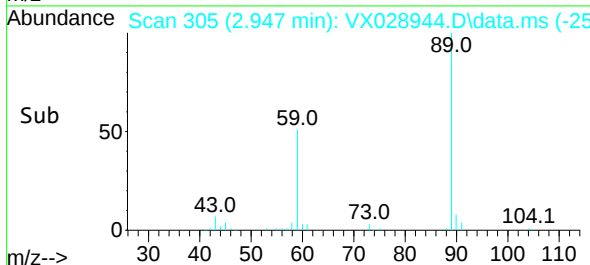
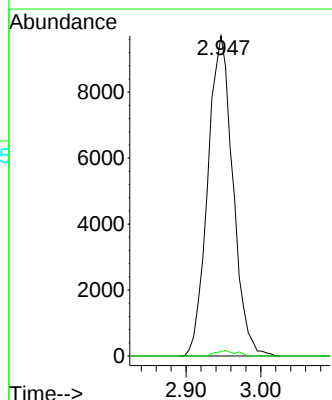
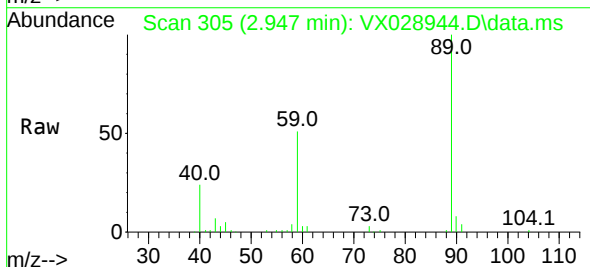
Instrument :
MSVOA_X
ClientSampleId :
TB05-20220524

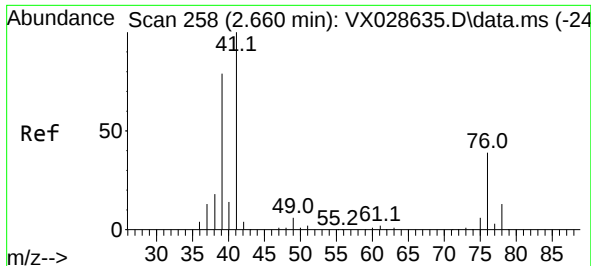
Tgt Ion: 64 Resp: 2163
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#11
Tert butyl alcohol
Concen: 15.795 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 59 Resp: 22649
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#

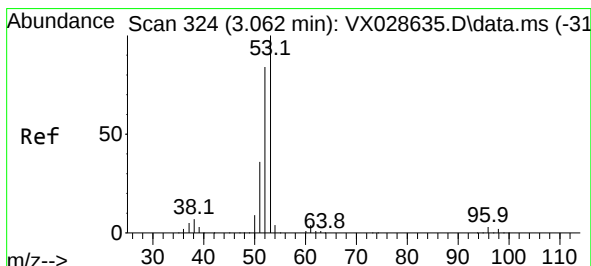
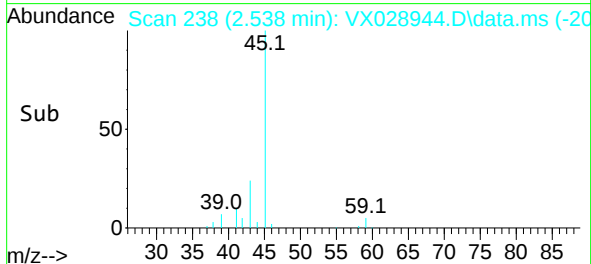
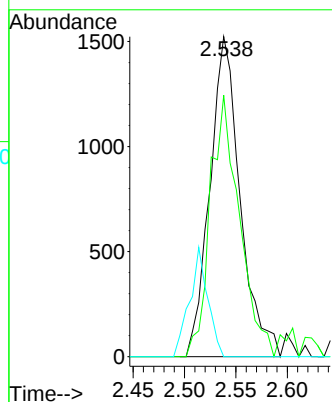
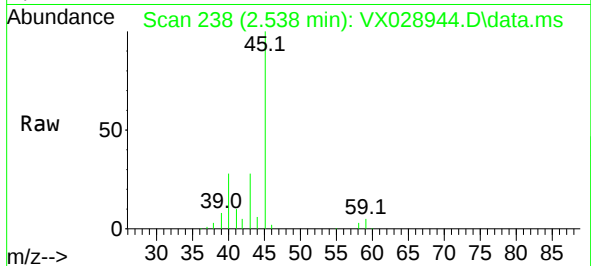




#14
 Allyl chloride
 Concen: 0.562 ug/l
 RT: 2.538 min Scan# 21
 Delta R.T. -0.122 min
 Lab File: VX028944.D
 Acq: 25 May 2022 12:44

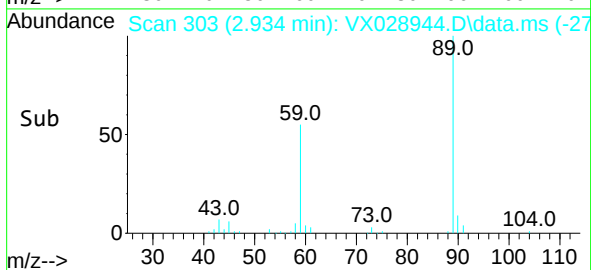
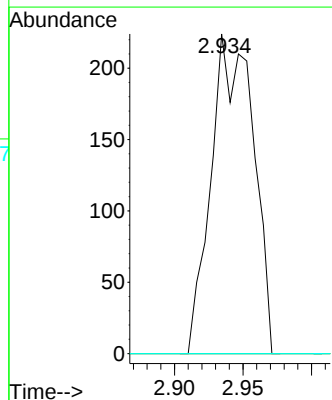
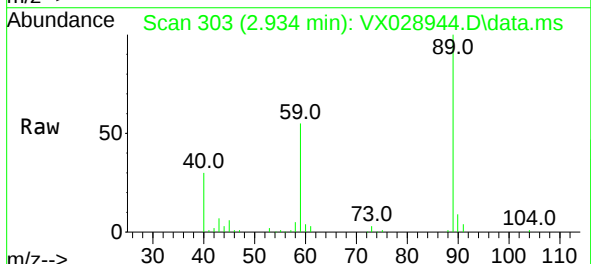
Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20220524

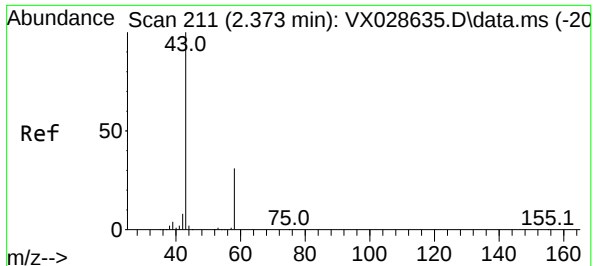
Tgt Ion: 41 Resp: 3120
 Ion Ratio Lower Upper
 41 100
 39 78.9 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 0.217 ug/l
 RT: 2.934 min Scan# 303
 Delta R.T. -0.128 min
 Lab File: VX028944.D
 Acq: 25 May 2022 12:44

Tgt Ion: 53 Resp: 479
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.7 98.5#
 51 0.0 28.4 42.6#

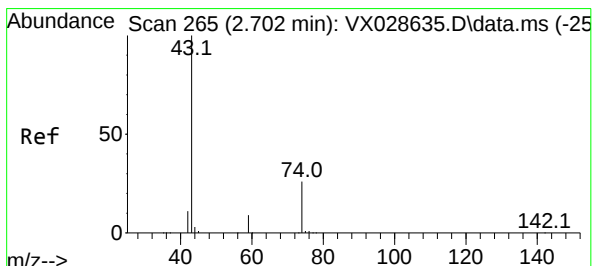
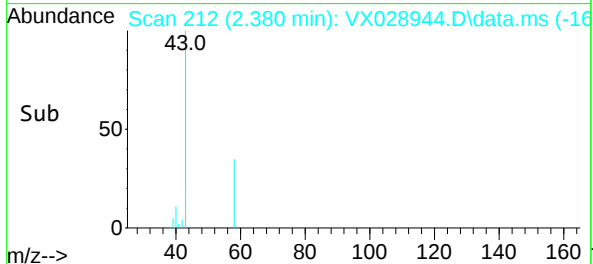
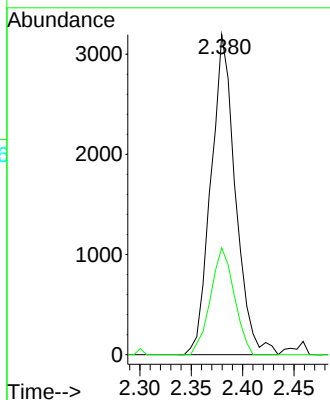
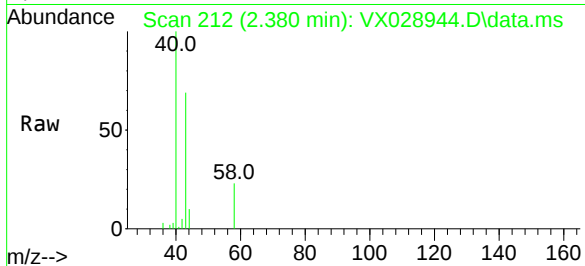




#16
Acetone
Concen: 2.687 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

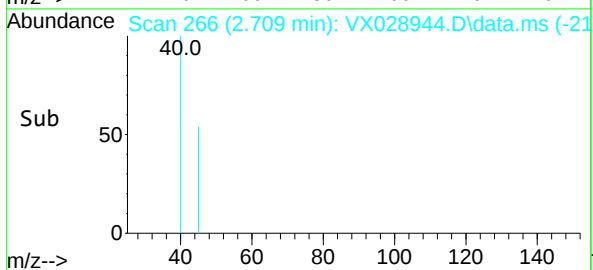
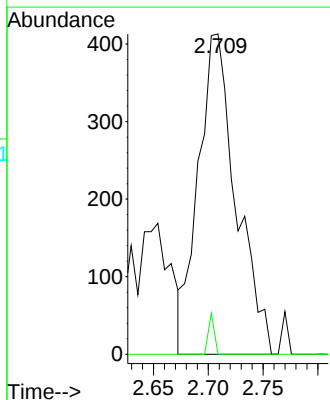
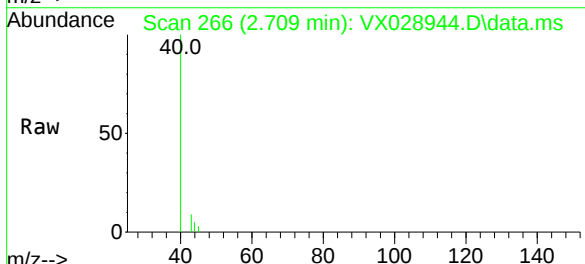
Instrument :
MSVOA_X
ClientSampleId :
TB05-20220524

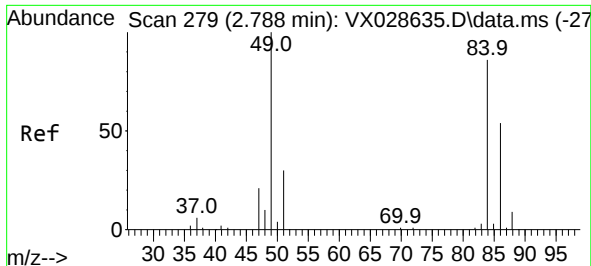
Tgt Ion: 43 Resp: 5289
Ion Ratio Lower Upper
43 100
58 33.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
74 1.9 22.8 34.2#





#20

Methylene Chloride

Concen: 0.260 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX028944.D

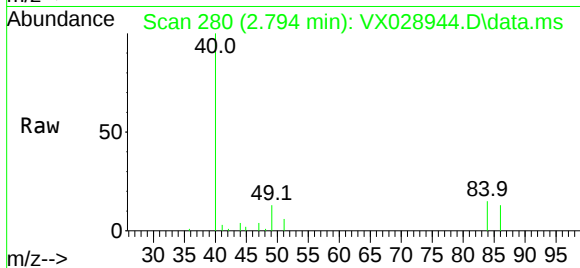
Acq: 25 May 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

TB05-20220524



Tgt Ion: 84 Resp: 1075

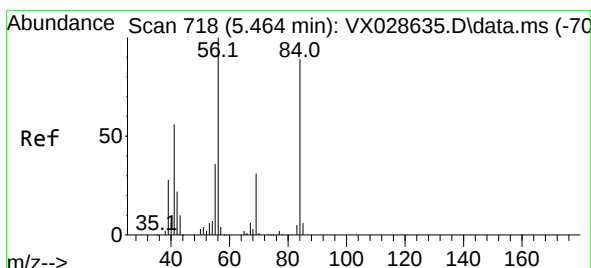
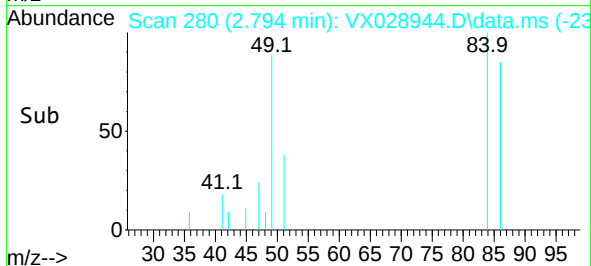
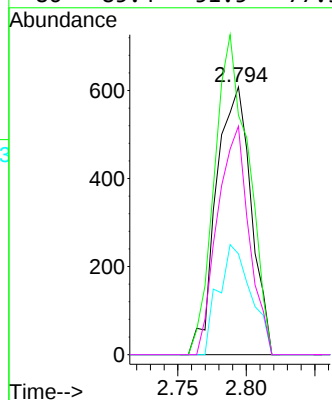
Ion Ratio Lower Upper

84 100

49 89.5 85.5 128.3

51 37.7 26.6 39.8

86 85.4 51.5 77.3#



#31

Cyclohexane

Concen: 1.050 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.086 min

Lab File: VX028944.D

Acq: 25 May 2022 12:44

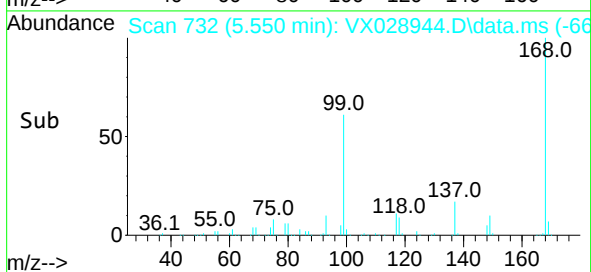
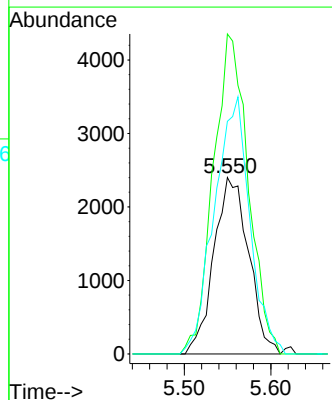
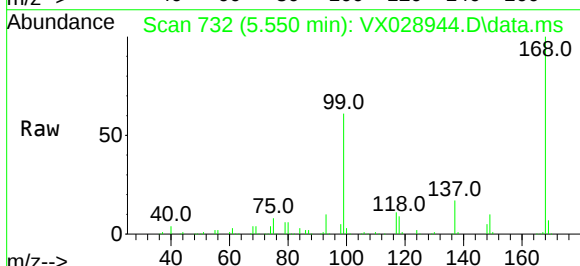
Tgt Ion: 56 Resp: 6687

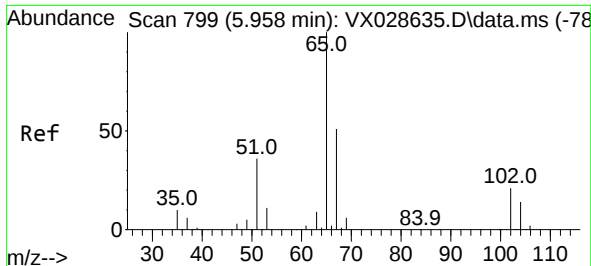
Ion Ratio Lower Upper

56 100

69 181.3 26.7 40.1#

84 131.9 77.2 115.8#

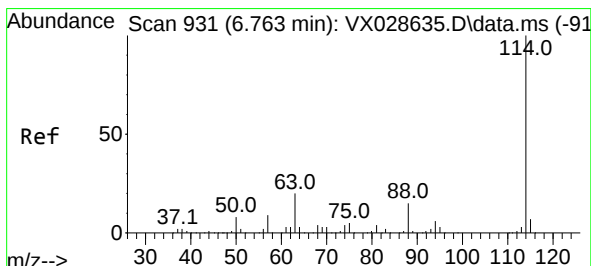
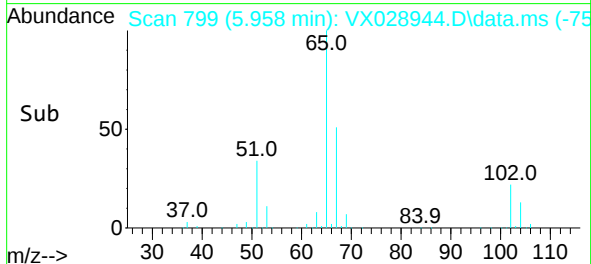
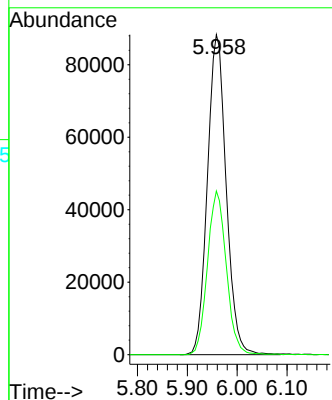
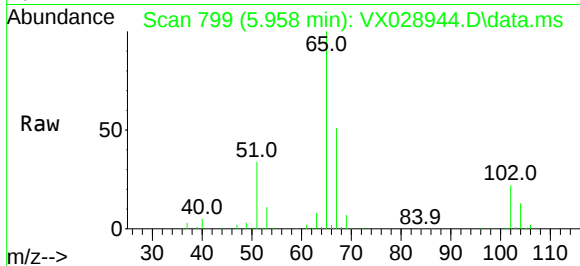




#33
1,2-Dichloroethane-d4
Concen: 50.369 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

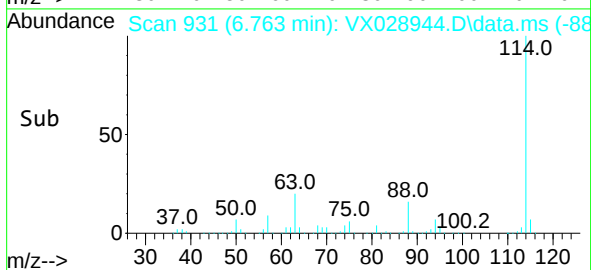
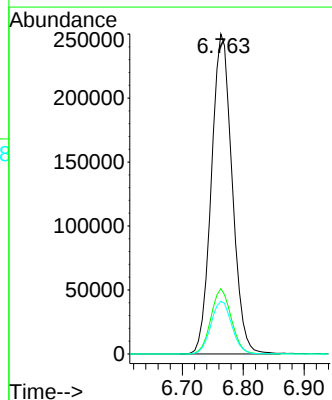
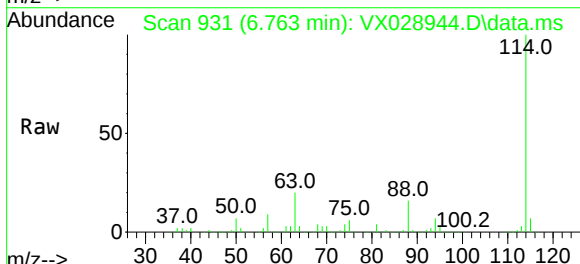
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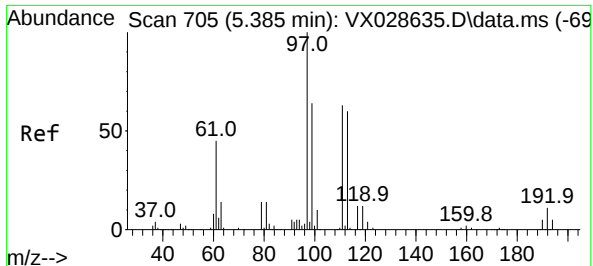
Tgt Ion: 65 Resp: 231014
Ion Ratio Lower Upper
65 100
67 51.2 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 114 Resp: 591249
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.8
88 16.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.175 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028944.D

Acq: 25 May 2022 12:44

Instrument :

MSVOA_X

ClientSampleId :

TB05-20220524

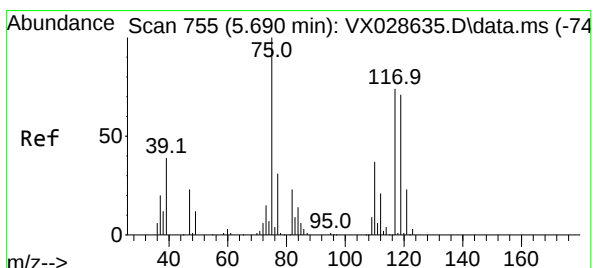
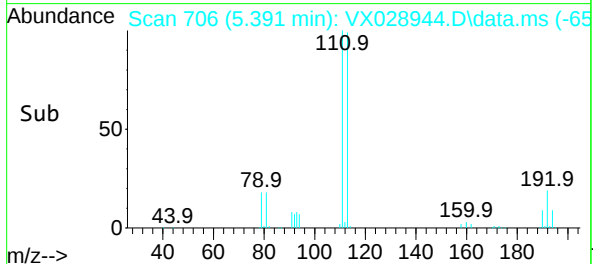
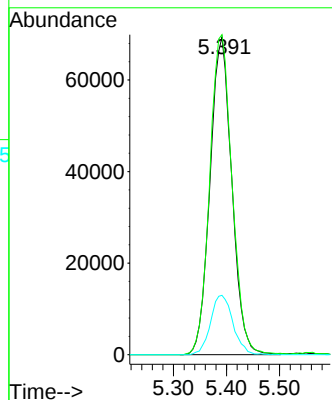
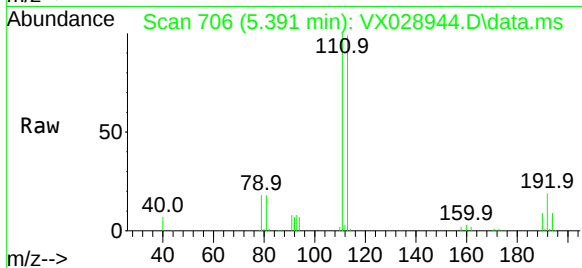
Tgt Ion:113 Resp: 198240

Ion Ratio Lower Upper

113 100

111 103.3 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.528 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX028944.D

Acq: 25 May 2022 12:44

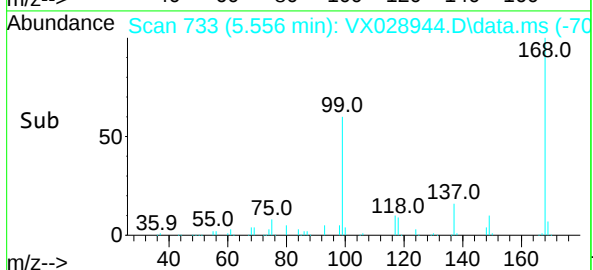
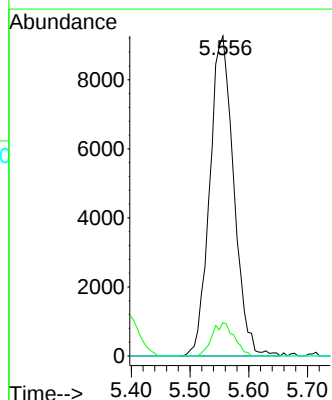
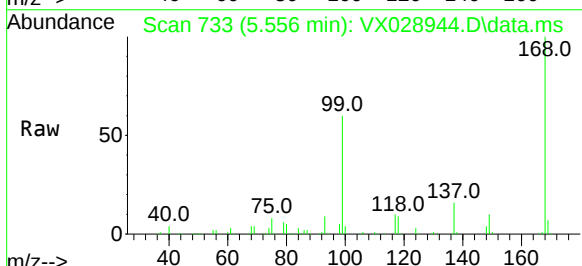
Tgt Ion: 75 Resp: 26347

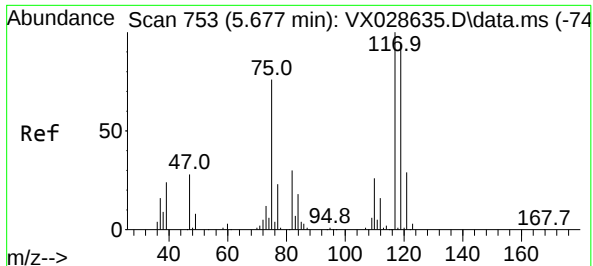
Ion Ratio Lower Upper

75 100

110 9.6 18.3 54.8#

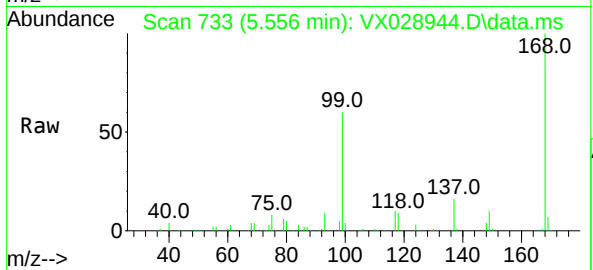
77 0.0 24.8 37.2#



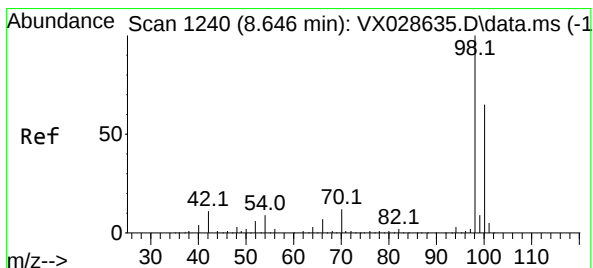
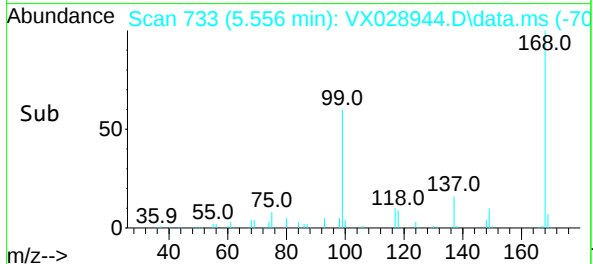
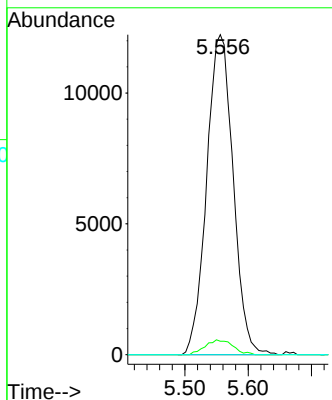


#38
Carbon Tetrachloride
Concen: 6.067 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Instrument :
MSVOA_X
ClientSampleId :
TB05-20220524

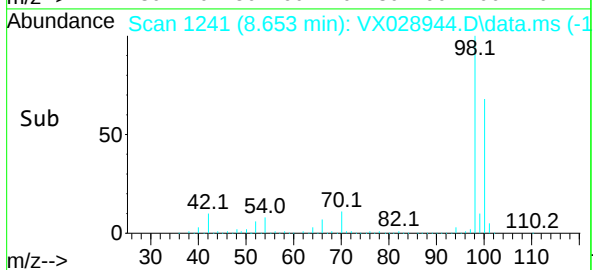
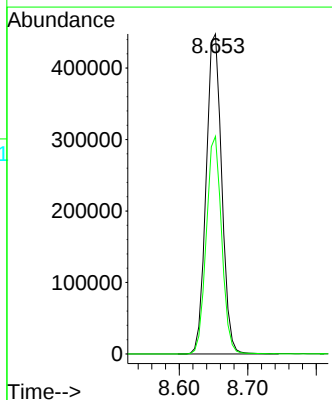
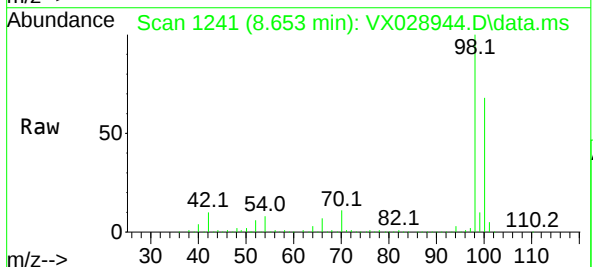


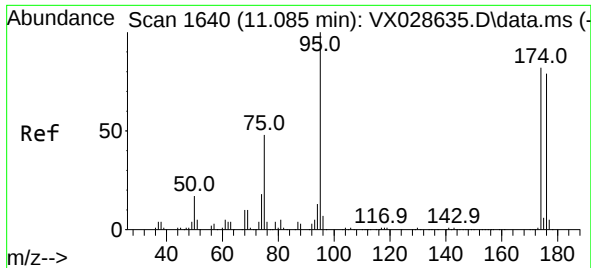
Tgt Ion:117 Resp: 35523
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.548 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 98 Resp: 709043
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

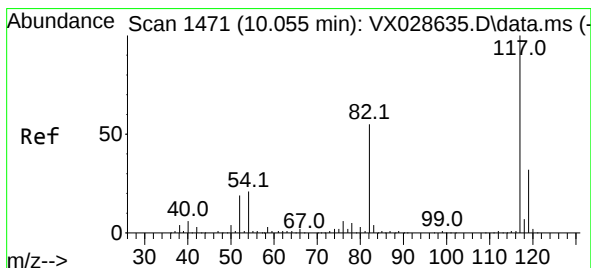
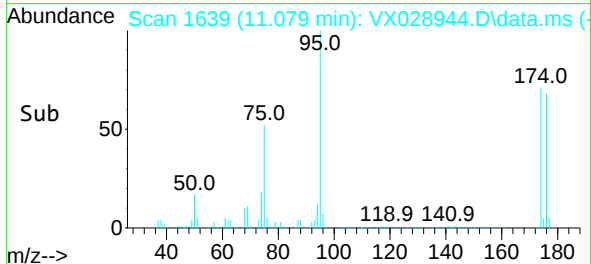
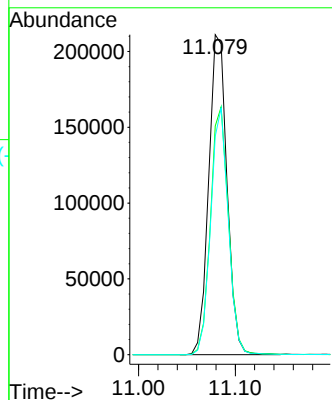
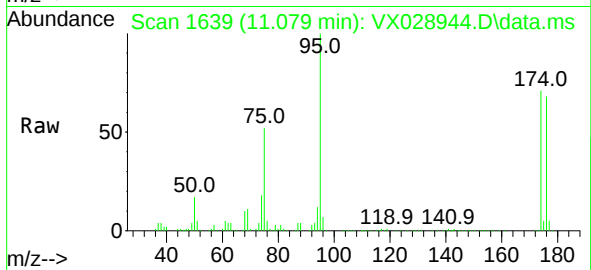




#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

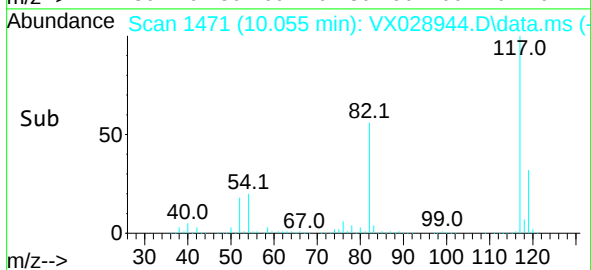
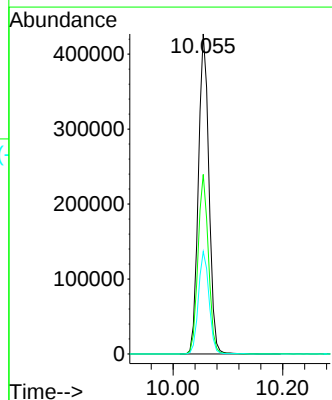
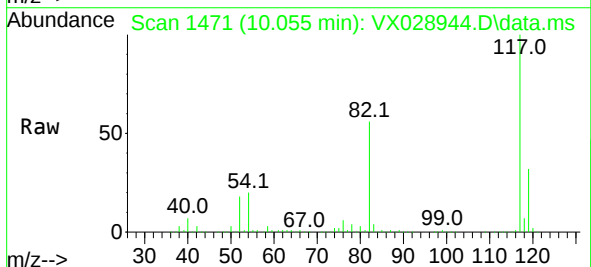
Instrument :
MSVOA_X
ClientSampleId :
TB05-20220524

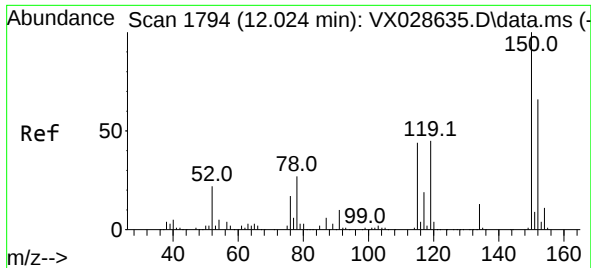
Tgt Ion: 95 Resp: 278385
Ion Ratio Lower Upper
95 100
174 76.1 0.0 163.0
176 73.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 117 Resp: 572603
Ion Ratio Lower Upper
117 100
82 56.1 41.8 62.8
119 32.0 24.8 37.2

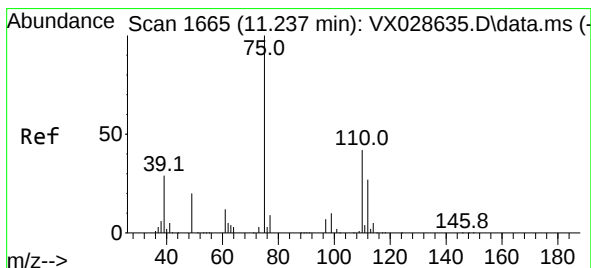
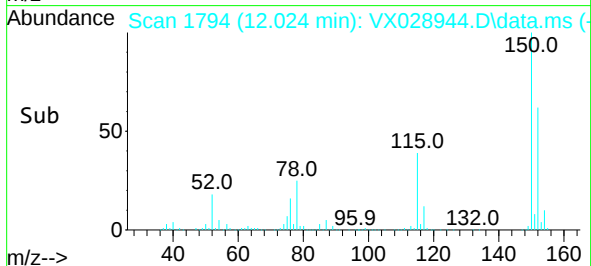
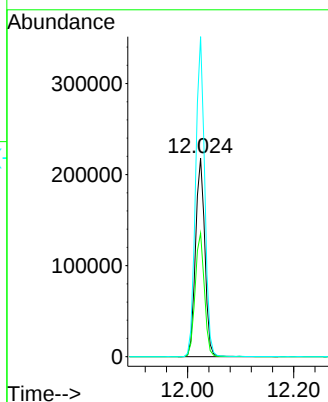
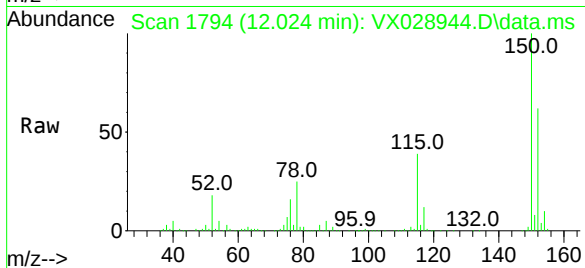




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

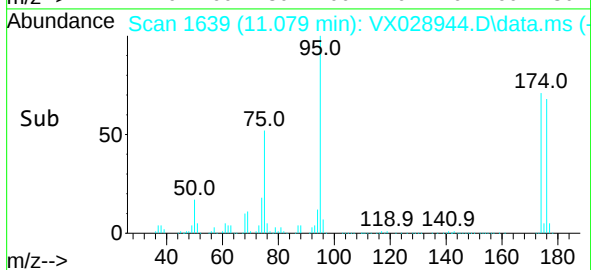
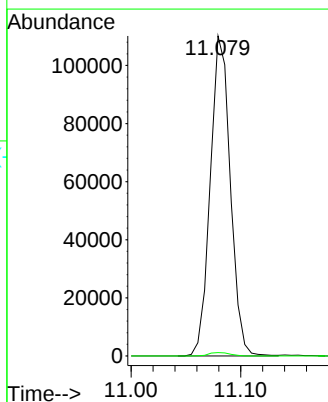
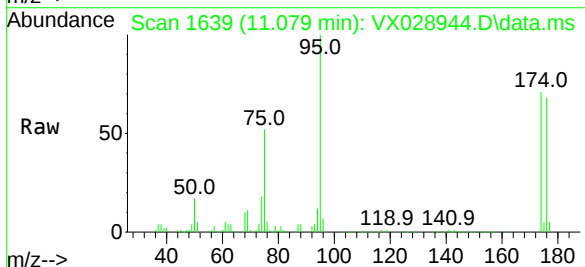
Instrument :
MSVOA_X
ClientSampleId :
TB05-20220524

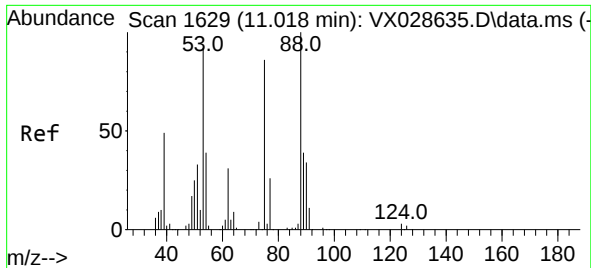
Tgt Ion:152 Resp: 265713
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 157.7 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.506 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028944.D
Acq: 25 May 2022 12:44

Tgt Ion: 75 Resp: 140046
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.813 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX028944.D
 Acq: 25 May 2022 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TB05-20220524

Tgt Ion: 75 Resp: 140046
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

