

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027060.D
 Acq On : 16 Feb 2022 19:21
 Operator : JC/MD
 Sample : N1575-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-02-16

Quant Time: Feb 17 07:17:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

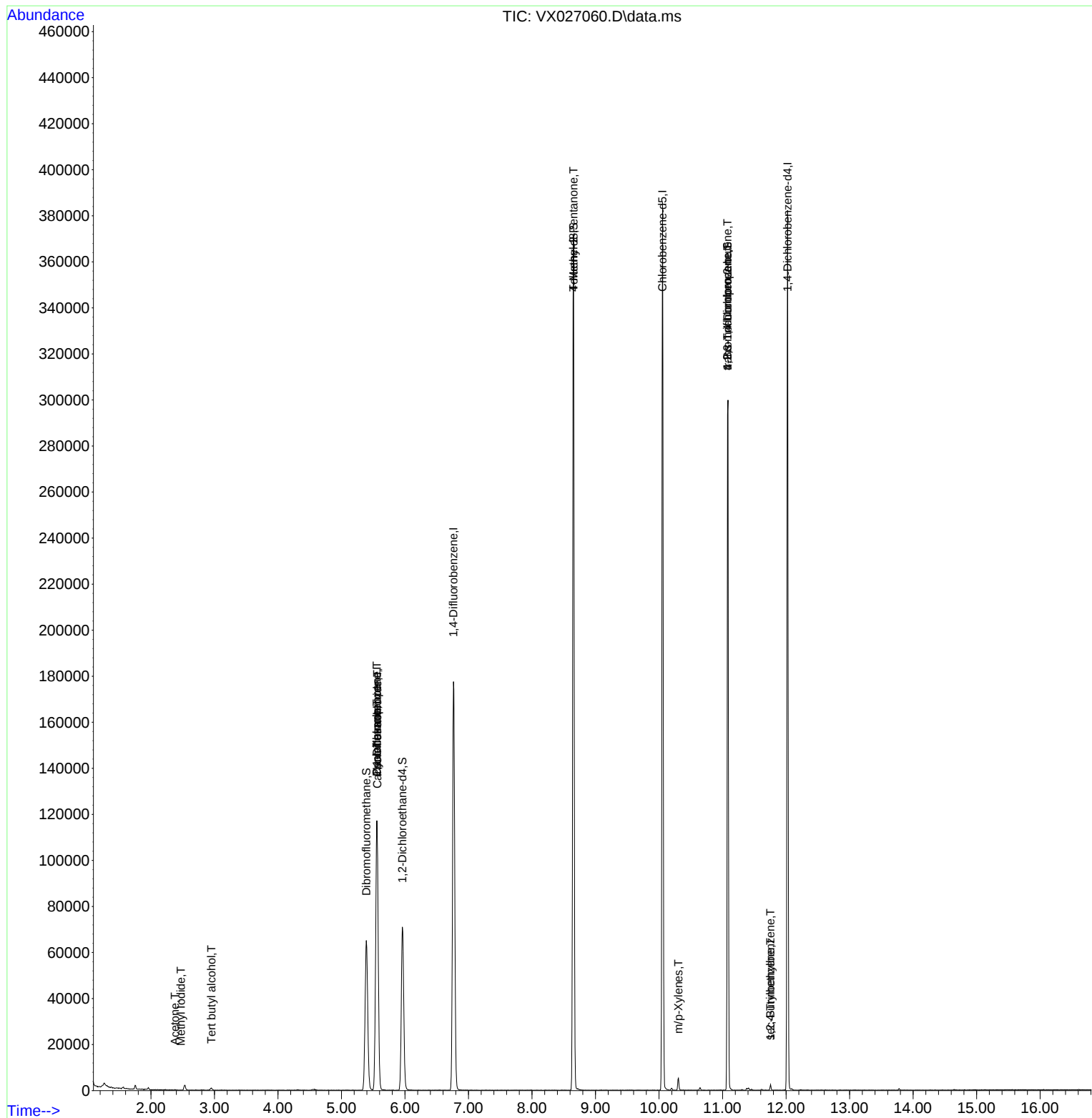
Internal Standards						
1) Pentafluorobenzene	5.556	168	111047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	186949	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69611	52.221	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.440%	
35) Dibromofluoromethane	5.391	113	57479	51.606	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.220%	
50) Toluene-d8	8.653	98	221053	54.068	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.140%	
62) 4-Bromofluorobenzene	11.079	95	83345	57.902	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 115.800%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.471	142	21	2.267	ug/l #	37
11) Tert butyl alcohol	2.953	59	609	2.529	ug/l #	75
16) Acetone	2.380	43	288	0.492	ug/l #	46
31) Cyclohexane	5.556	56	2202	1.040	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8176	4.653	ug/l #	51
38) Carbon Tetrachloride	5.562	117	11185	6.070	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	809	0.435	ug/l #	1
68) m/p-Xylenes	10.305	106	1360	0.552	ug/l	97
76) 1,2,3-Trichloropropane	11.079	75	41484	24.740	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	41484	75.498	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	1299	0.259	ug/l	95
85) sec-Butylbenzene	11.756	105	1299	0.217	ug/l #	56

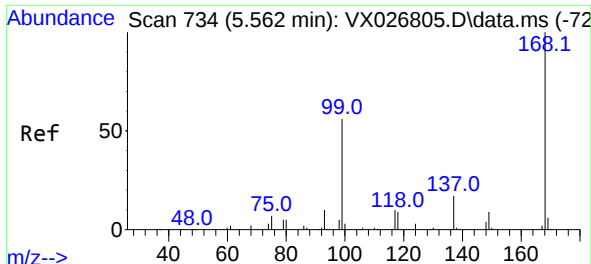
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
Data File : VX027060.D
Acq On : 16 Feb 2022 19:21
Operator : JC/MD
Sample : N1575-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

Quant Time: Feb 17 07:17:20 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

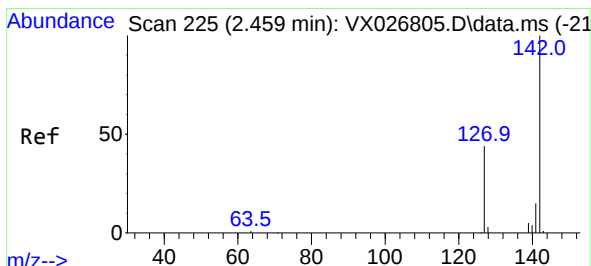
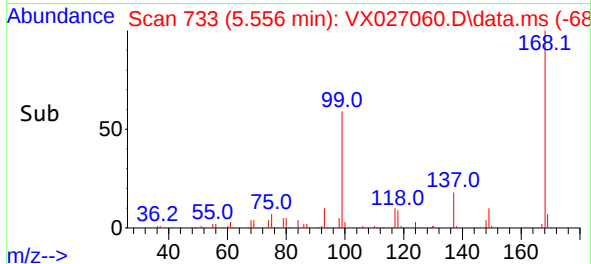
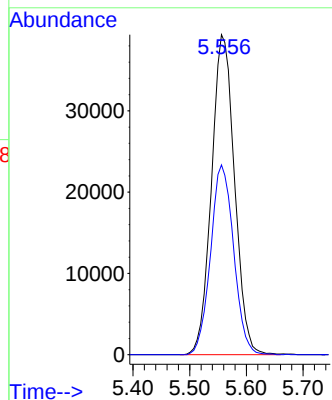
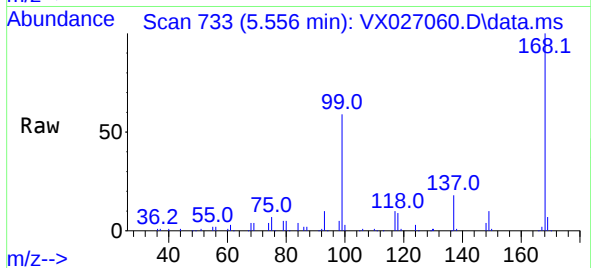




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

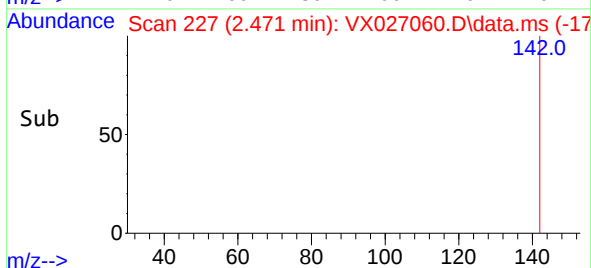
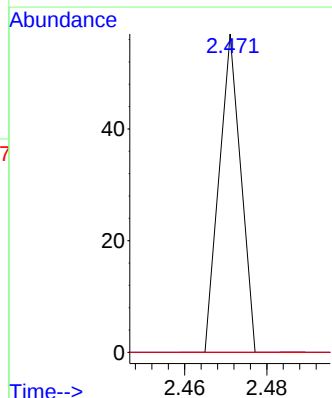
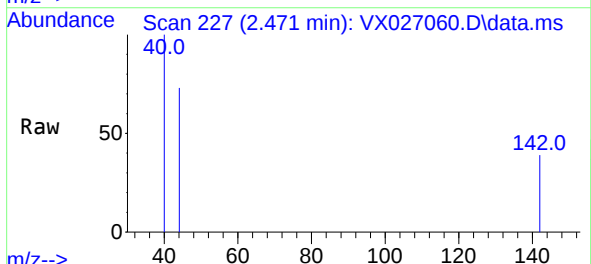
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

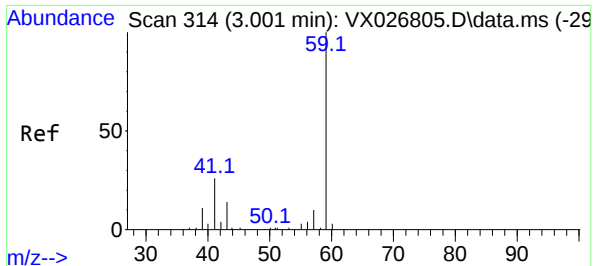
Tgt Ion:168 Resp: 111047
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#10
Methyl Iodide
Concen: 2.267 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.012 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion:142 Resp: 21
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 2.529 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.048 min

Lab File: VX027060.D

Acq: 16 Feb 2022 19:21

Instrument :

MSVOA_X

ClientSampleId :

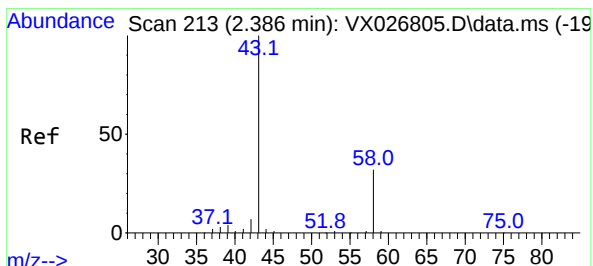
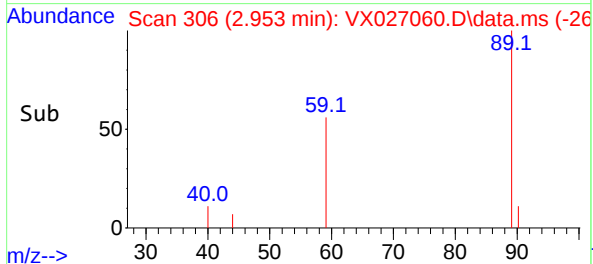
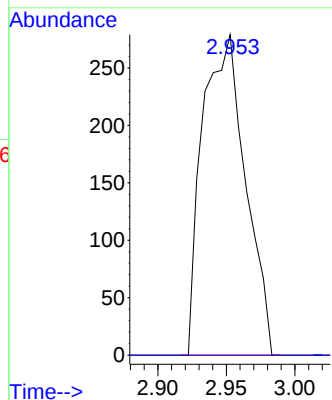
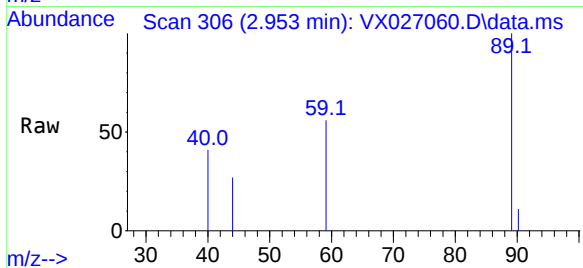
TB-2022-02-16

Tgt Ion: 59 Resp: 609

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 0.492 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX027060.D

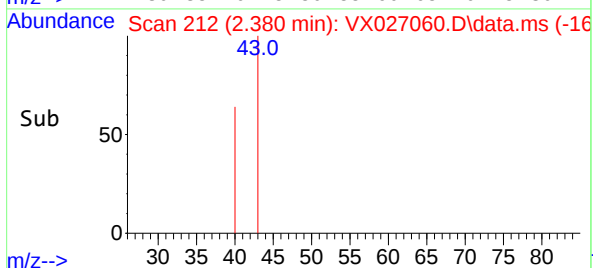
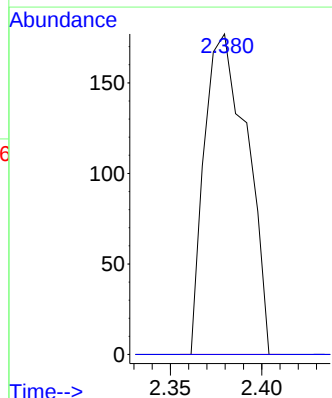
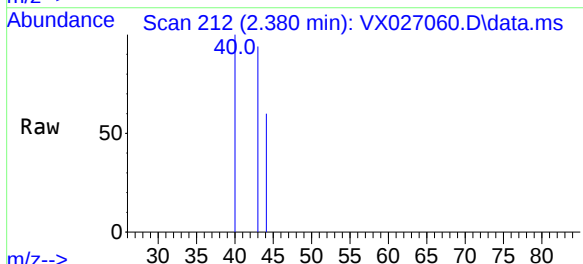
Acq: 16 Feb 2022 19:21

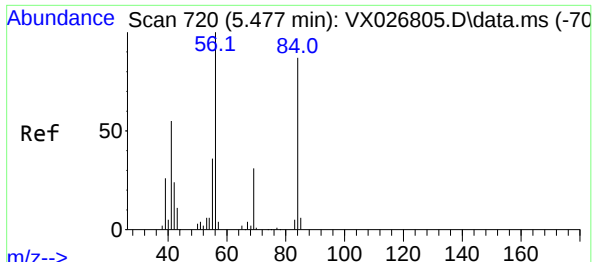
Tgt Ion: 43 Resp: 288

Ion Ratio Lower Upper

43 100

58 0.0 23.0 34.6#

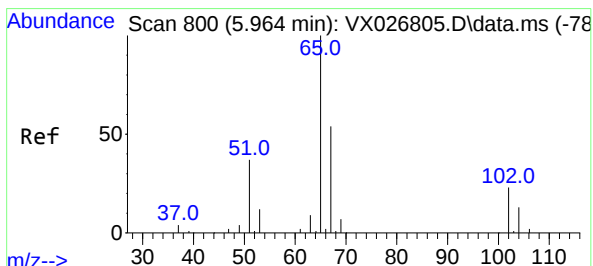
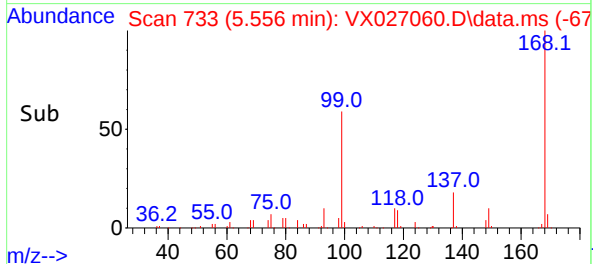
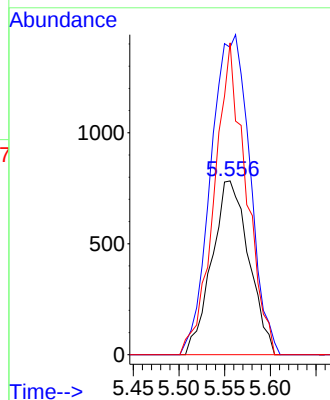
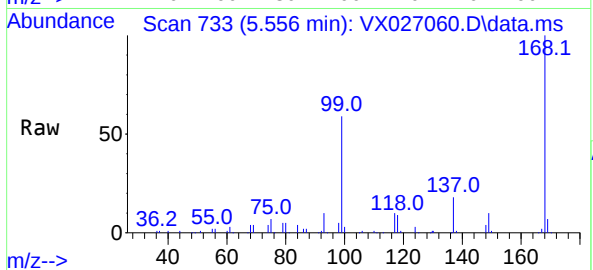




#31
Cyclohexane
Concen: 1.040 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

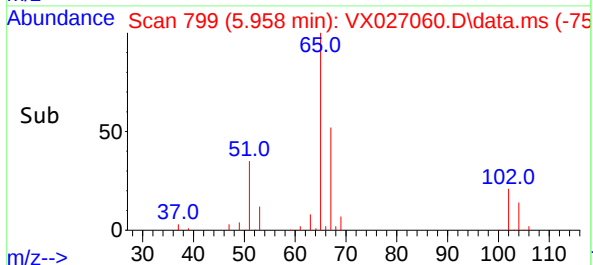
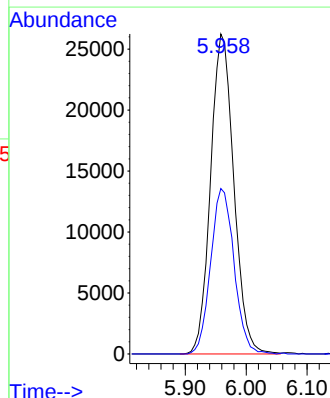
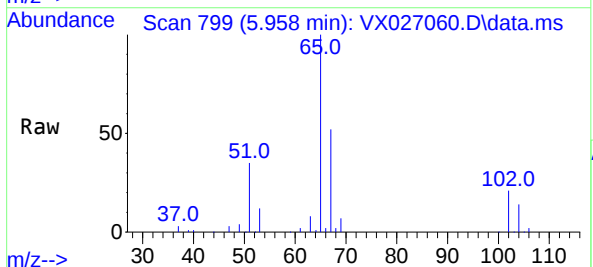
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

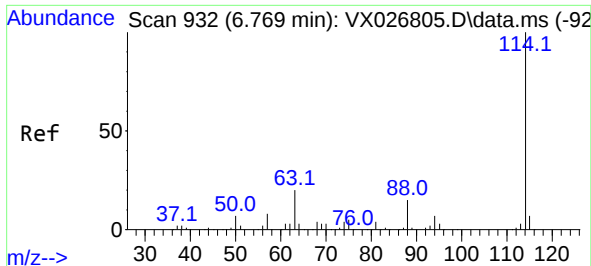
Tgt Ion: 56 Resp: 2202
Ion Ratio Lower Upper
56 100
69 176.9 25.8 38.6#
84 179.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.221 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion: 65 Resp: 69611
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX027060.D

Acq: 16 Feb 2022 19:21

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-02-16

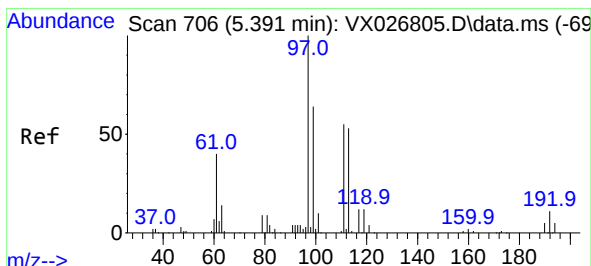
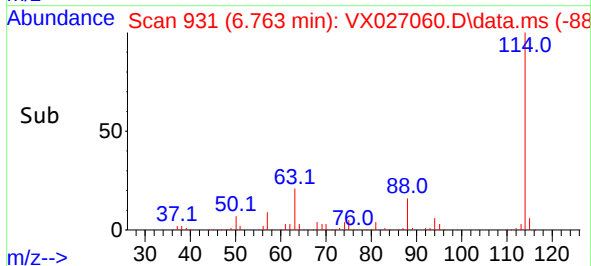
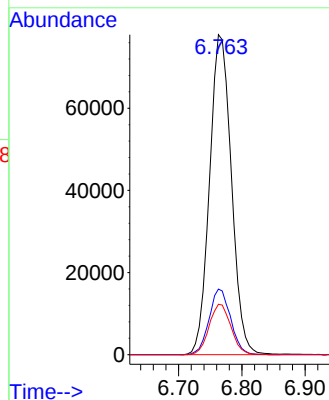
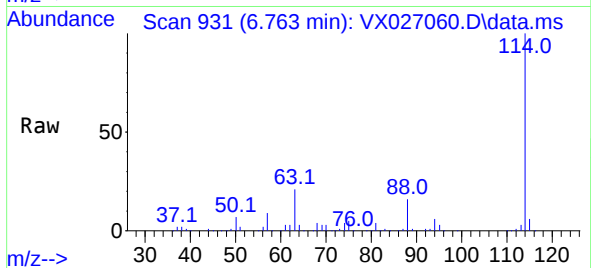
Tgt Ion:114 Resp: 186949

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.8 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.606 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027060.D

Acq: 16 Feb 2022 19:21

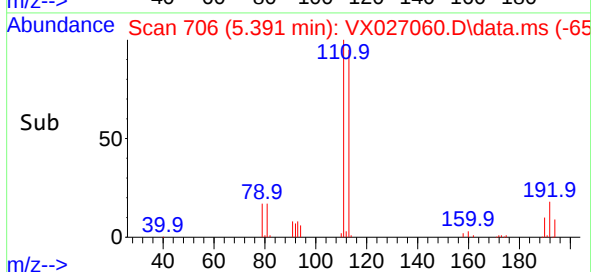
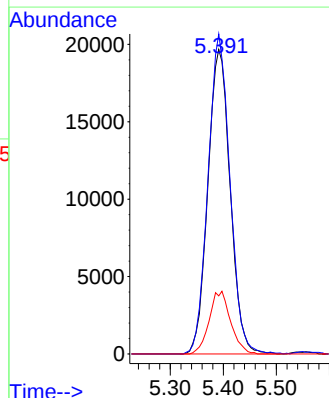
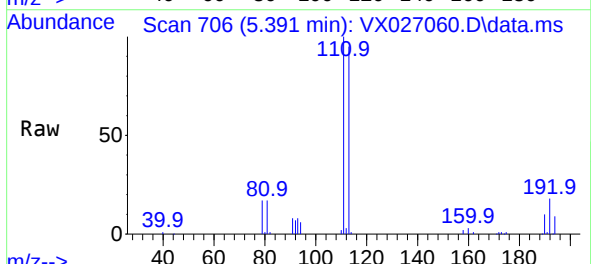
Tgt Ion:113 Resp: 57479

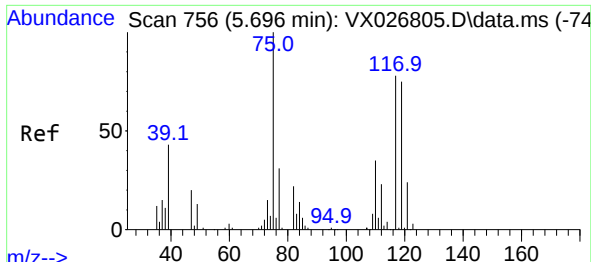
Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

192 19.8 15.0 22.4

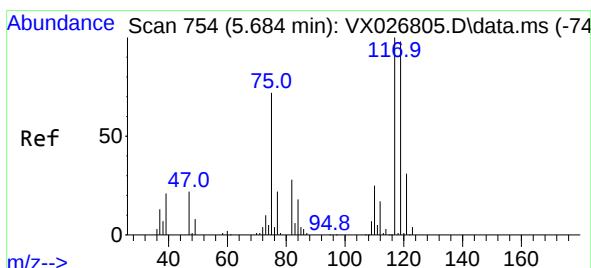
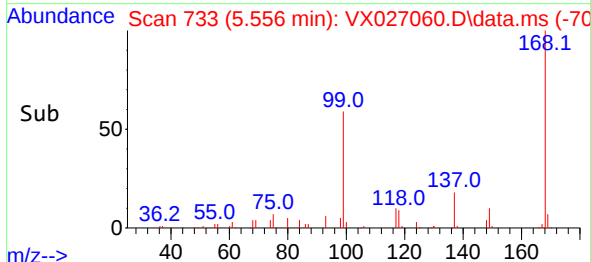
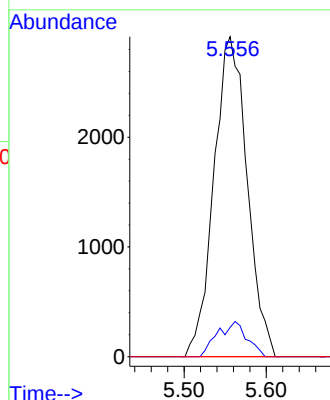
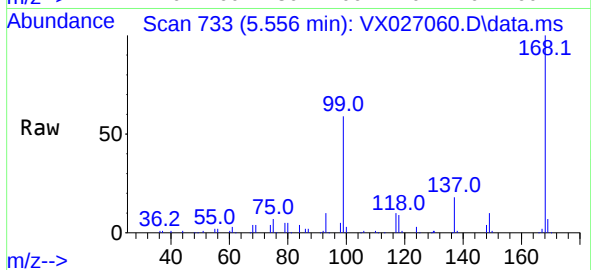




#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

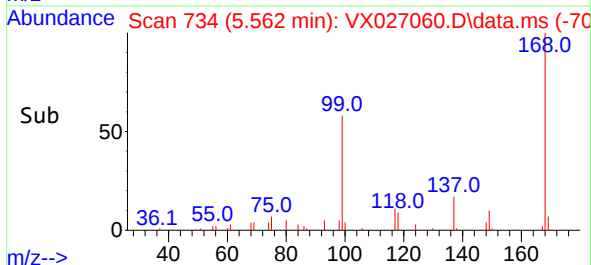
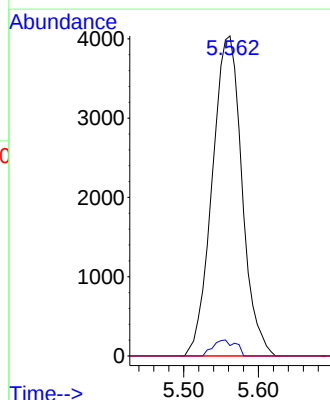
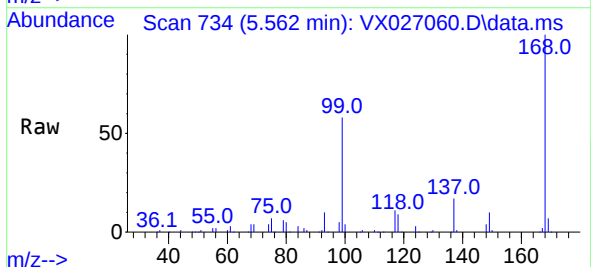
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

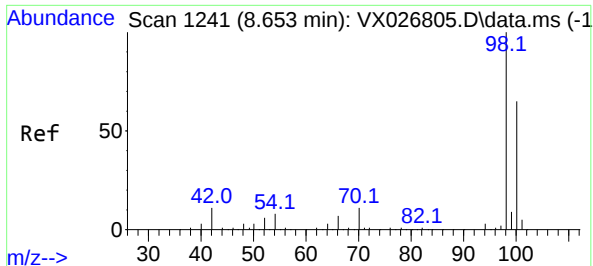
Tgt Ion: 75 Resp: 8176
Ion Ratio Lower Upper
75 100
110 9.7 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.070 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion: 117 Resp: 11185
Ion Ratio Lower Upper
117 100
119 3.3 74.7 112.1#
121 0.0 25.4 38.0#

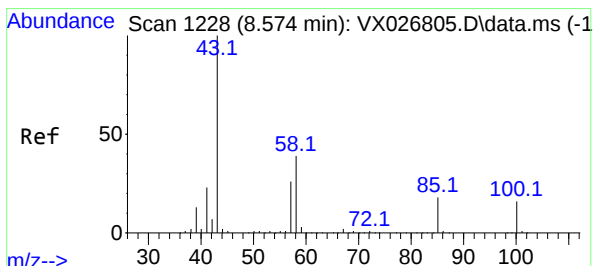
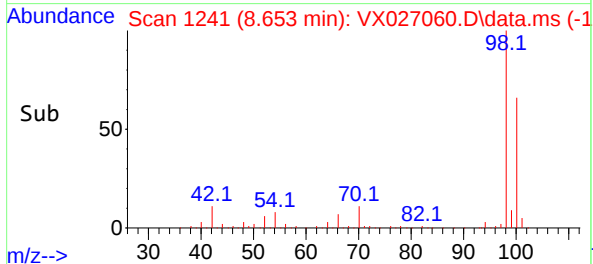
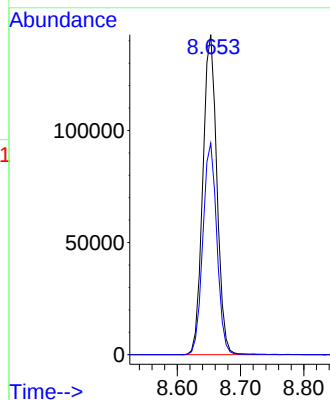
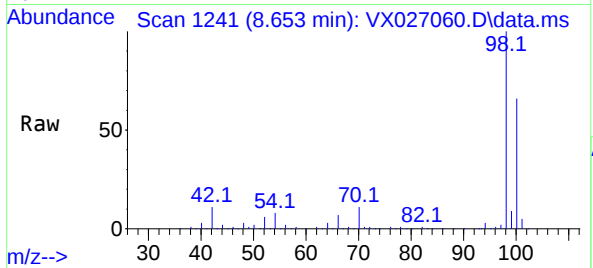




#50
Toluene-d8
Concen: 54.068 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

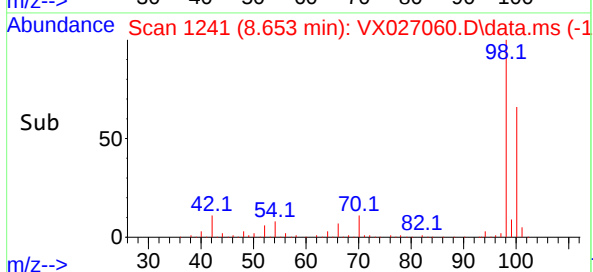
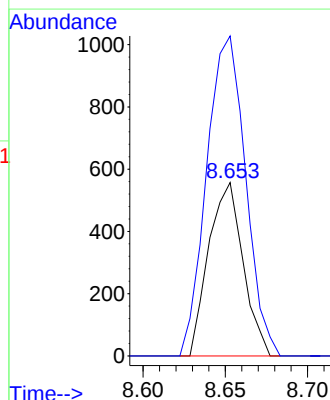
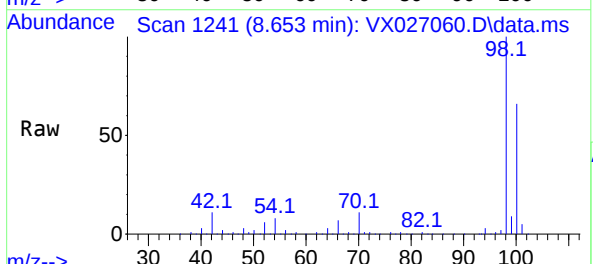
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

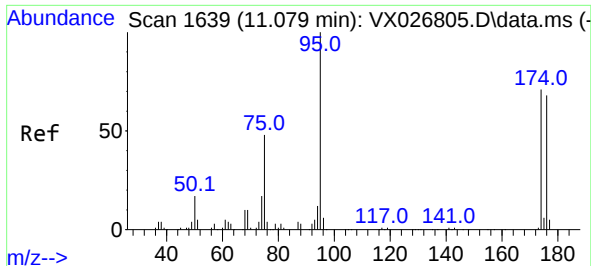
Tgt Ion: 98 Resp: 221053
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 209.4 30.5 45.7#

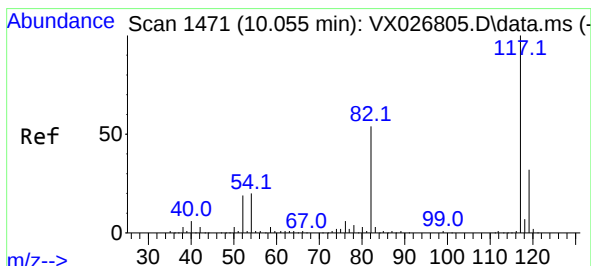
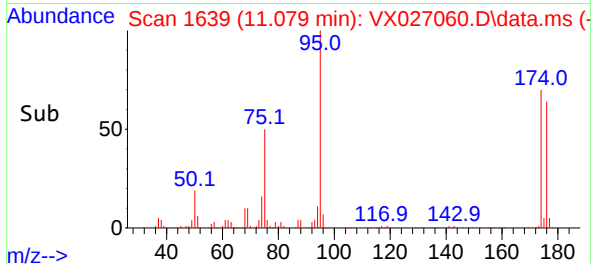
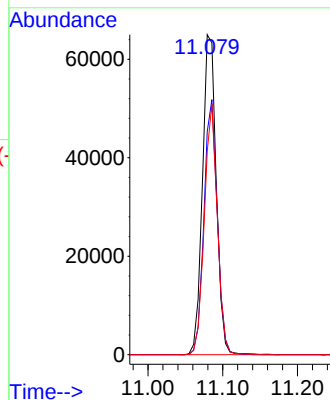
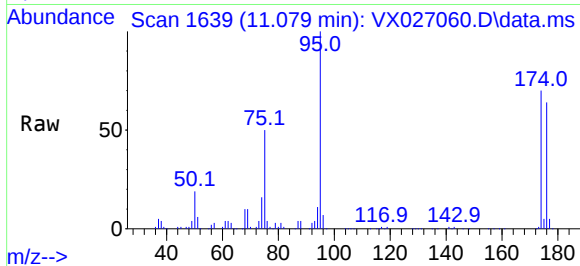




#62
4-Bromofluorobenzene
Concen: 57.902 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

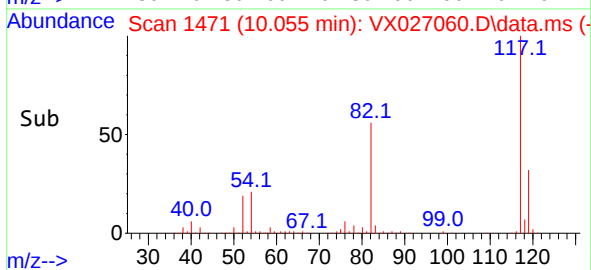
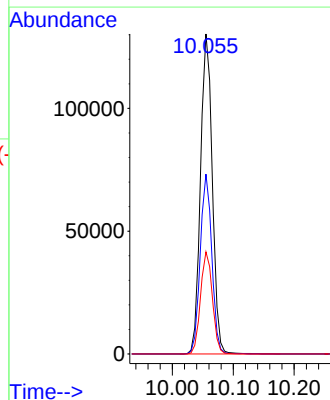
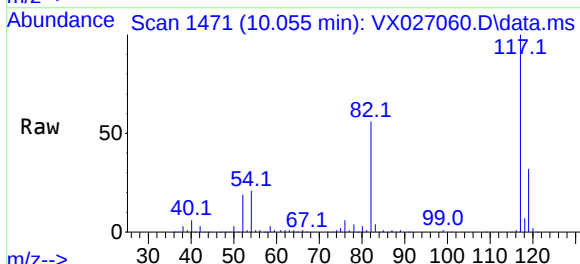
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

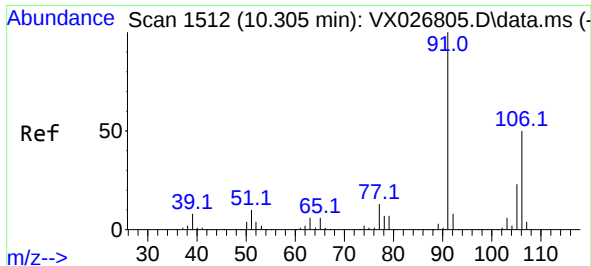
Tgt Ion: 95 Resp: 83345
Ion Ratio Lower Upper
95 100
174 76.9 0.0 148.6
176 73.8 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion: 117 Resp: 175055
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 31.9 26.2 39.2

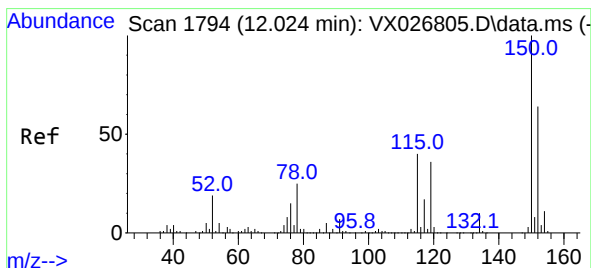
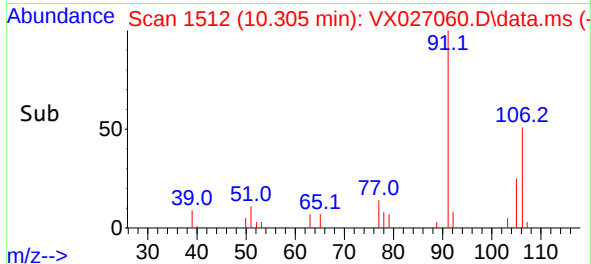
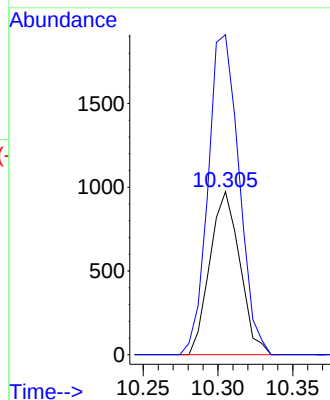
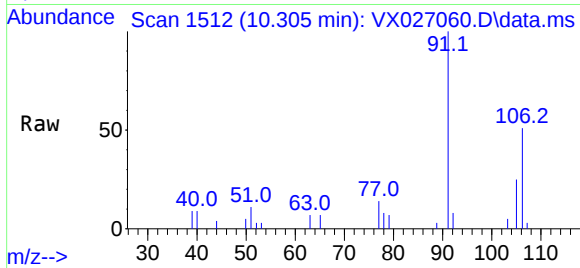




#68
m/p-Xylenes
Concen: 0.552 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

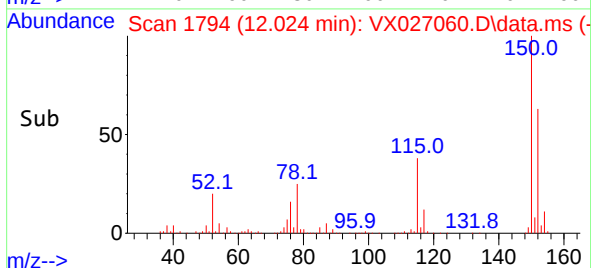
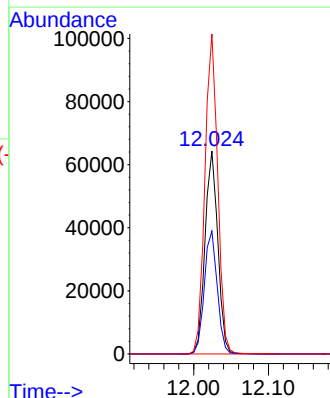
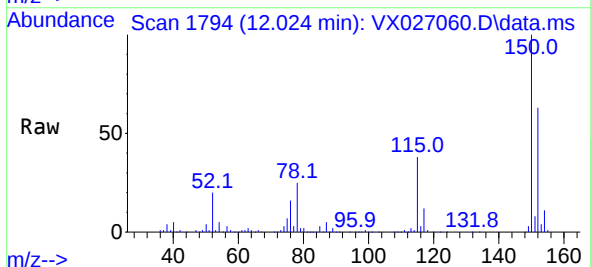
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

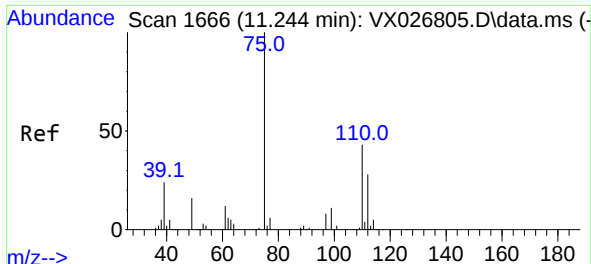
Tgt Ion:106 Resp: 1360
Ion Ratio Lower Upper
106 100
91 202.7 165.3 247.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion:152 Resp: 76599
Ion Ratio Lower Upper
152 100
115 61.1 44.2 132.6
150 157.3 0.0 348.2

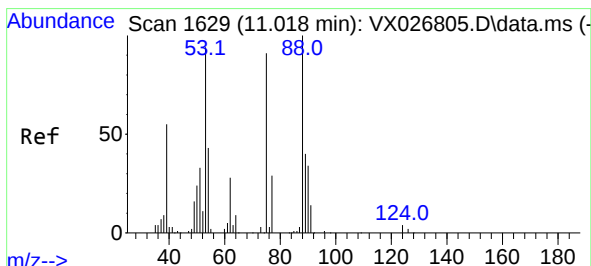
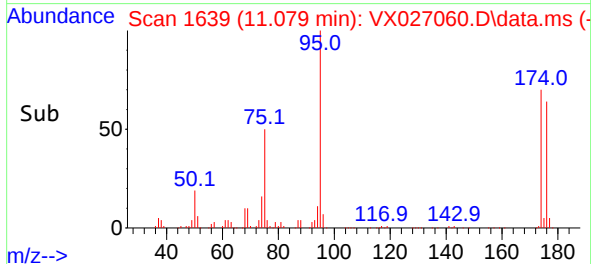
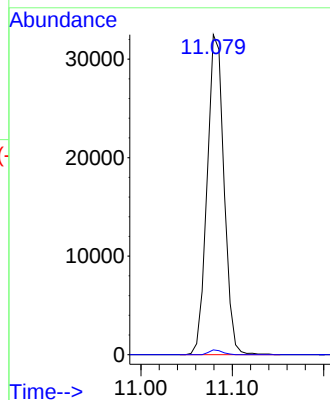
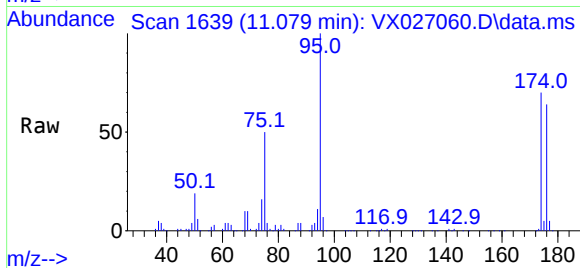




#76
1,2,3-Trichloropropane
Concen: 24.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

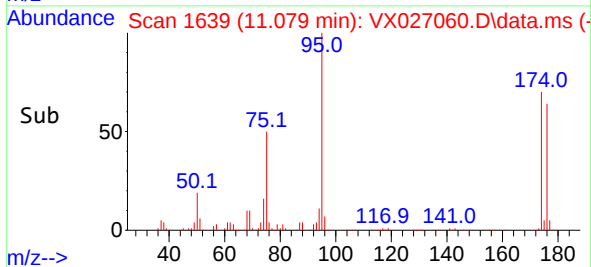
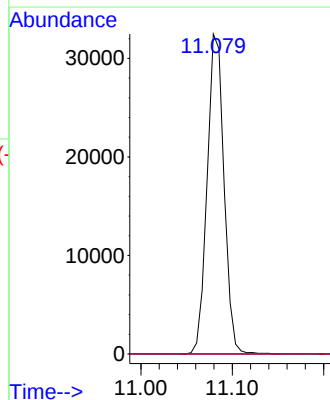
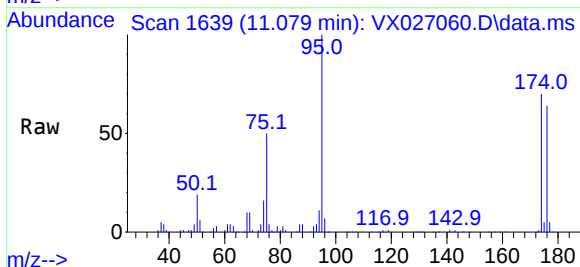
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

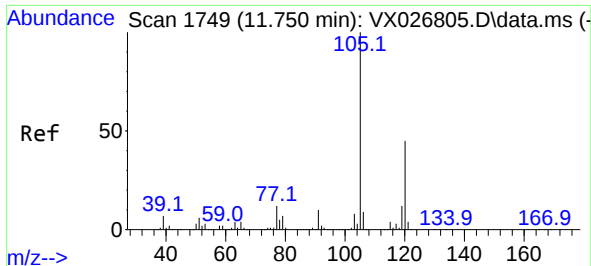
Tgt Ion: 75 Resp: 41484
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.498 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion: 75 Resp: 41484
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

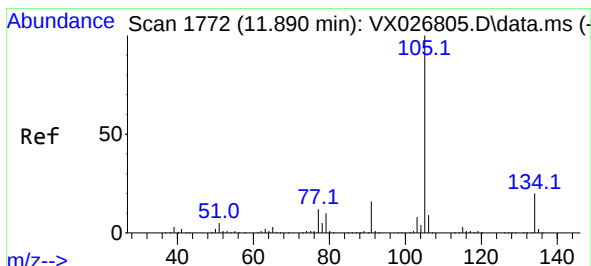
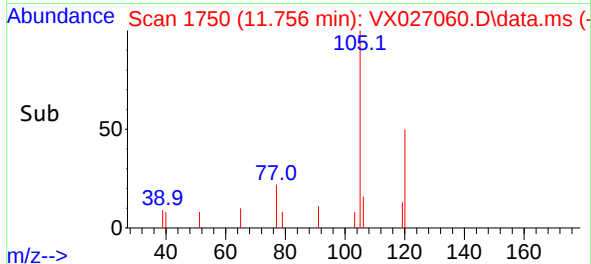
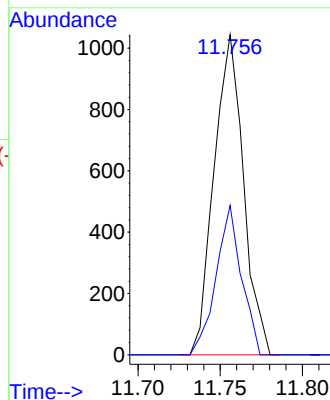
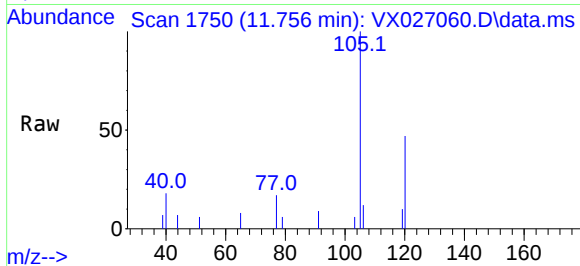




#84
1,2,4-Trimethylbenzene
Concen: 0.259 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-02-16

Tgt Ion:105 Resp: 1299
Ion Ratio Lower Upper
105 100
120 40.3 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.217 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027060.D
Acq: 16 Feb 2022 19:21

Tgt Ion:105 Resp: 1299
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

