

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027059.D
 Acq On : 16 Feb 2022 18:58
 Operator : JC/MD
 Sample : N1575-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Feb 17 07:16:59 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)

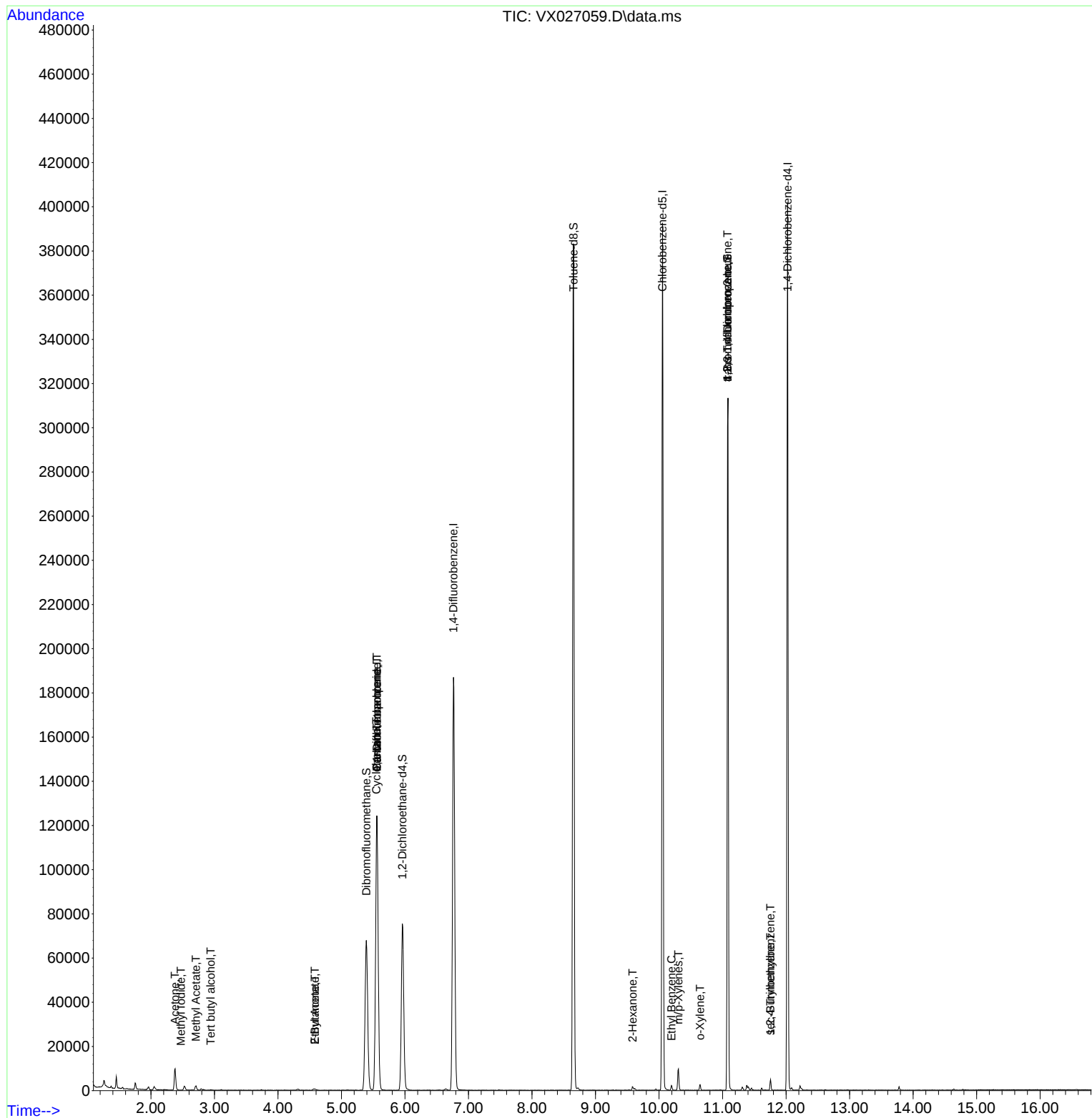
Internal Standards						
1) Pentafluorobenzene	5.556	168	118484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194871	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72274	50.816	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.640%			
35) Dibromofluoromethane	5.391	113	59846	51.547	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	8.653	98	227903	53.477	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.960%			
62) 4-Bromofluorobenzene	11.079	95	87423	58.266	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 116.540%			
Target Compounds						
					Qvalue	
6) Chloroethane	1.703	64	105	Below Cal	#	43
10) Methyl Iodide	2.471	142	20	2.265	ug/l #	37
11) Tert butyl alcohol	2.940	59	105	0.409	ug/l #	75
16) Acetone	2.380	43	10594	16.959	ug/l	96
18) Methyl Acetate	2.709	43	2442	1.359	ug/l	96
25) 2-Butanone	4.580	43	1357	1.348	ug/l #	88
31) Cyclohexane	5.550	56	2267	1.003	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8983	4.905	ug/l #	50
37) Ethyl Acetate	4.580	43	1357	0.652	ug/l #	69
38) Carbon Tetrachloride	5.556	117	12218	6.361	ug/l #	16
59) 2-Hexanone	9.586	43	1242	0.875	ug/l #	25
67) Ethyl Benzene	10.195	91	1448	0.220	ug/l	99
68) m/p-Xylenes	10.305	106	2460	0.969	ug/l	96
69) o-Xylene	10.646	106	588	0.236	ug/l	77
76) 1,2,3-Trichloropropane	11.079	75	43035	24.053	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	43035	73.495	ug/l #	3
84) 1,2,4-Trimethylbenzene	11.756	105	2329	0.436	ug/l	96
85) sec-Butylbenzene	11.756	105	2329	0.364	ug/l #	56

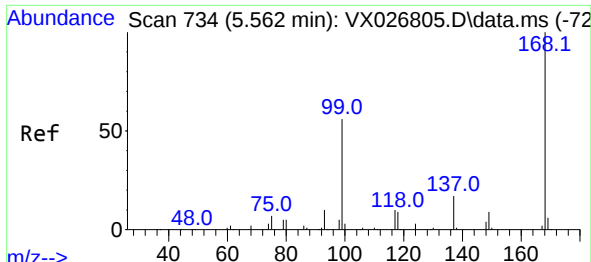
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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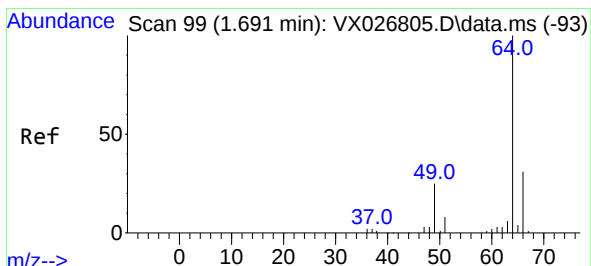
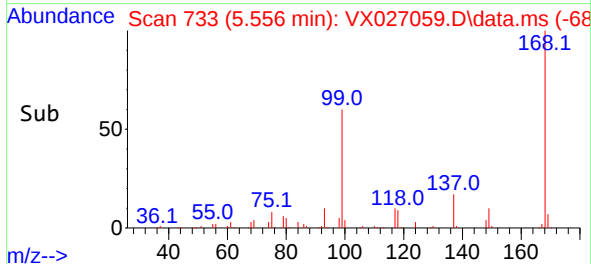
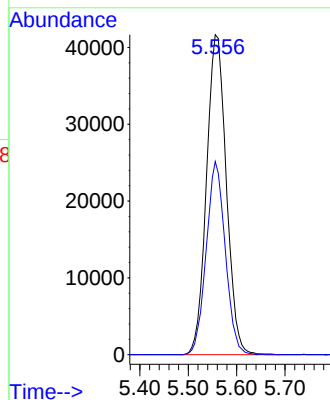
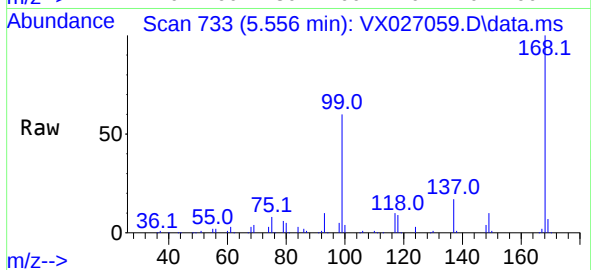




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

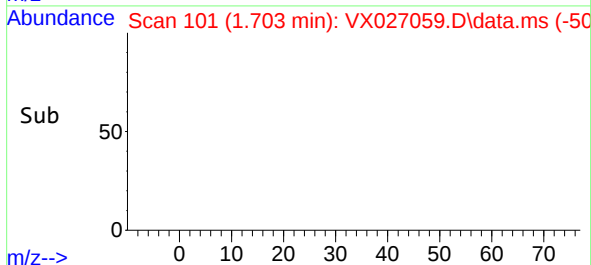
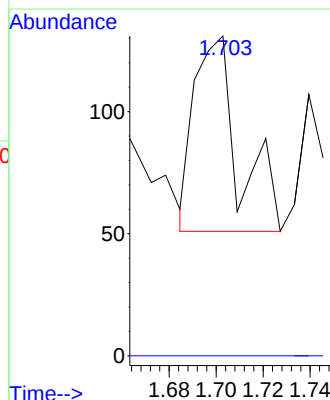
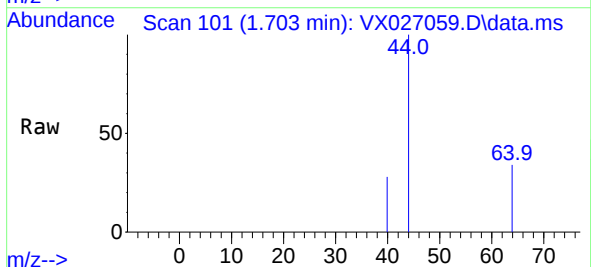
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

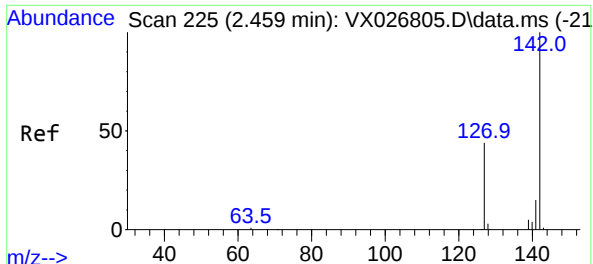
Tgt Ion:168 Resp: 118484
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#6
Chloroethane
Concen: Below Cal
RT: 1.703 min Scan# 101
Delta R.T. 0.012 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 64 Resp: 105
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#

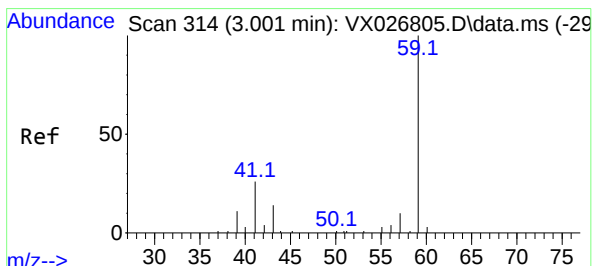
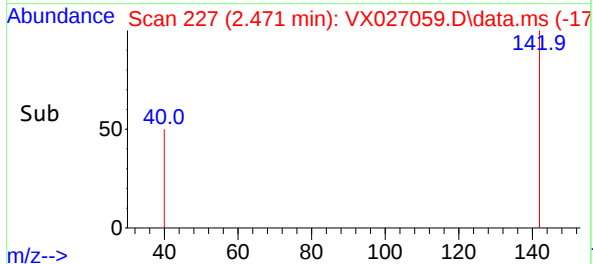
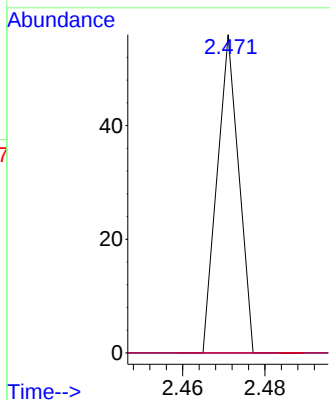
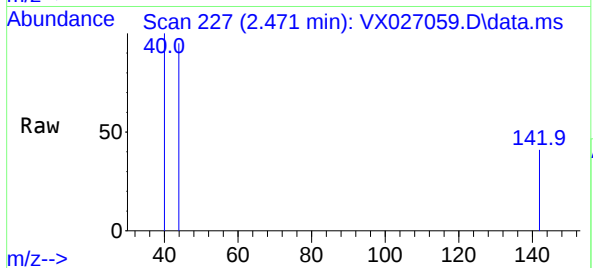




#10
Methyl Iodide
Concen: 2.265 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

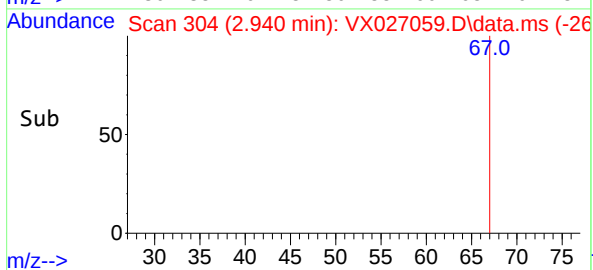
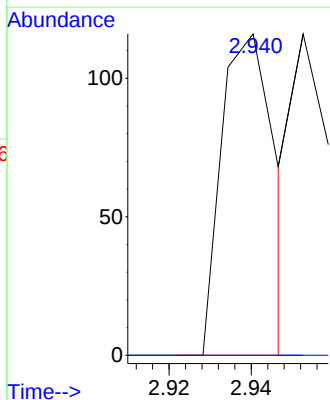
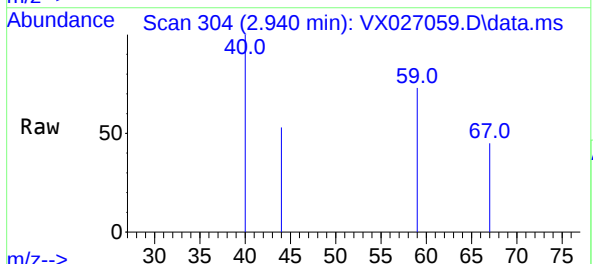
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

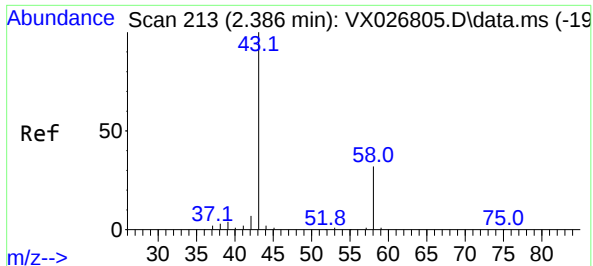
Tgt Ion:142 Resp: 20
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 0.409 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 59 Resp: 105
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

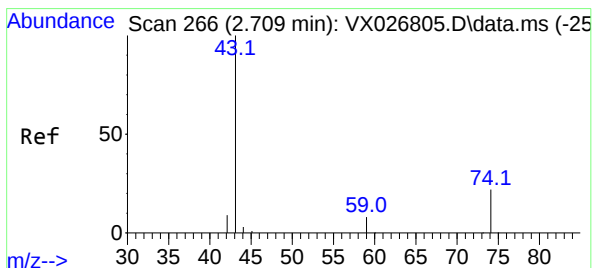
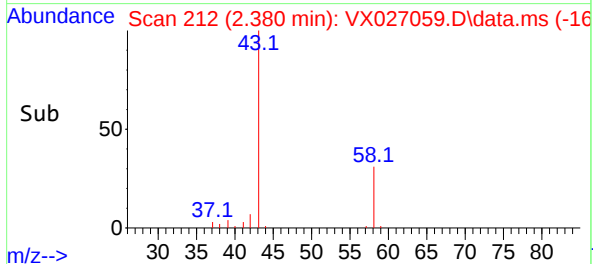
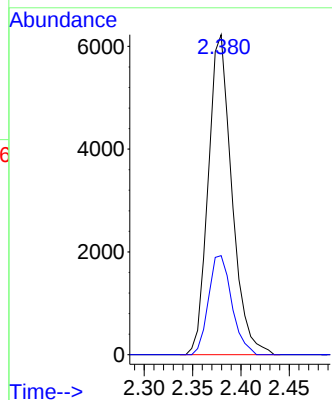
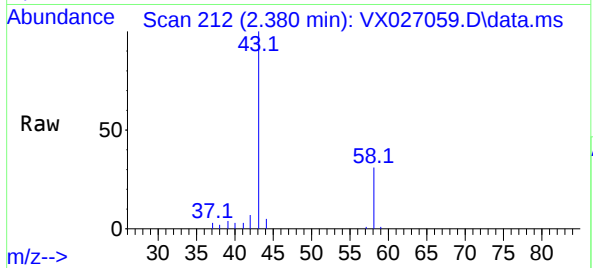




#16
Acetone
Concen: 16.959 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

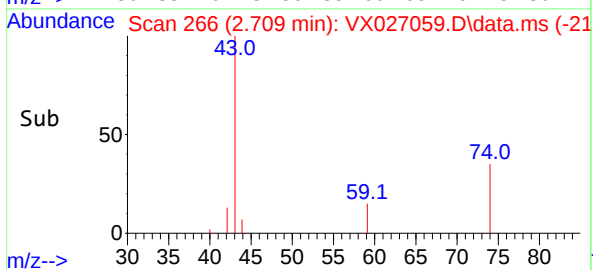
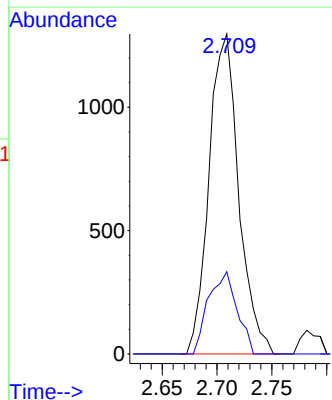
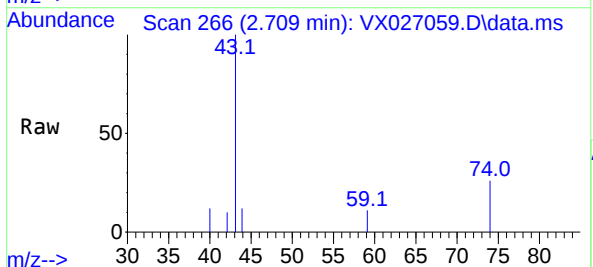
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

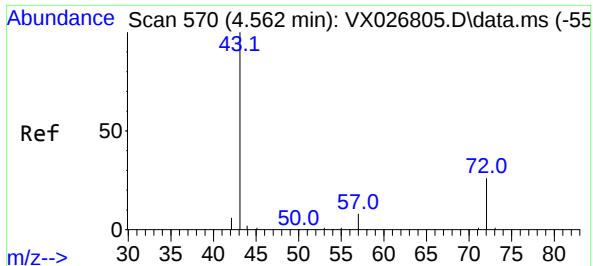
Tgt Ion: 43 Resp: 10594
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6



#18
Methyl Acetate
Concen: 1.359 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 43 Resp: 2442
Ion Ratio Lower Upper
43 100
74 24.7 18.3 27.5





#25

2-Butanone

Concen: 1.348 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

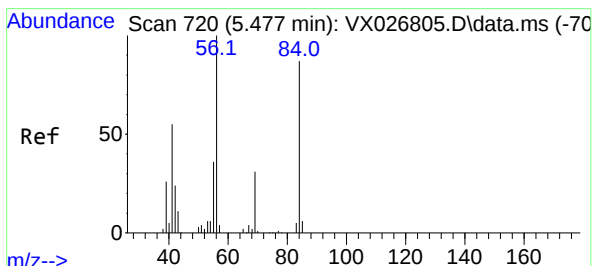
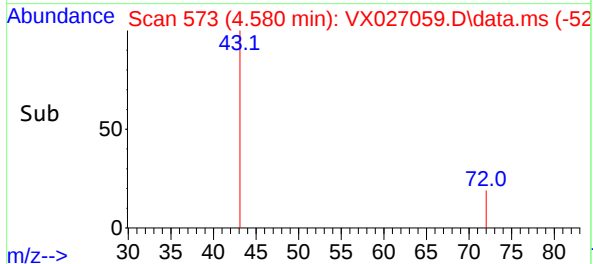
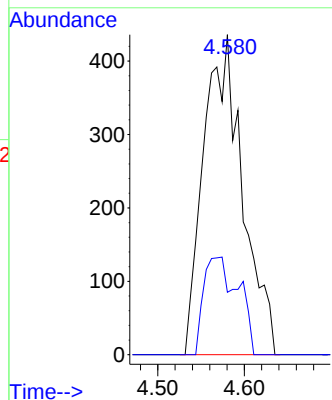
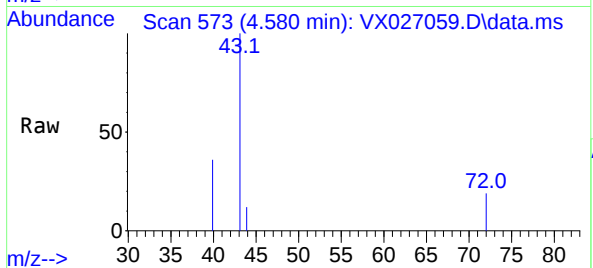
EB-2022-02-16

Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

72 19.5 20.4 30.6#



#31

Cyclohexane

Concen: 1.003 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

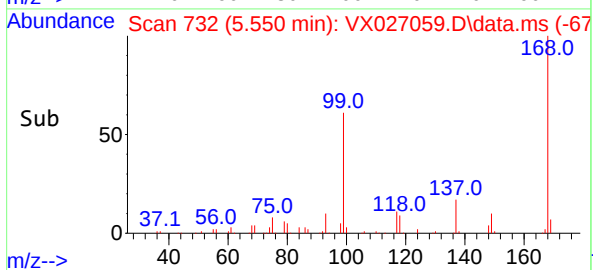
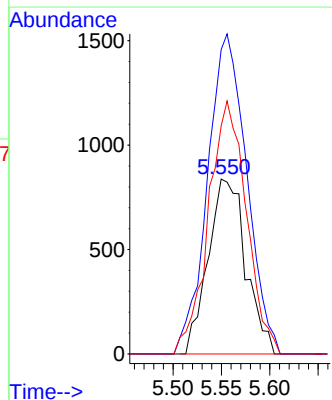
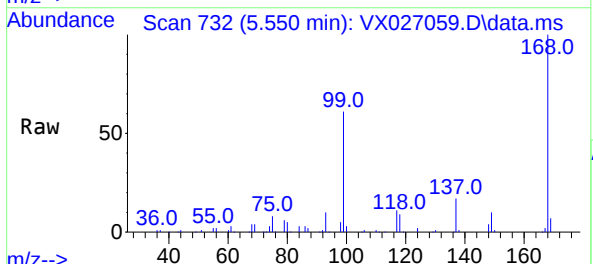
Tgt Ion: 56 Resp: 2267

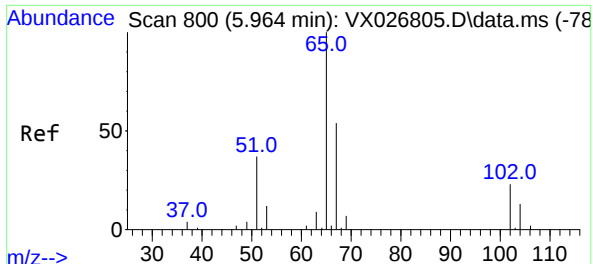
Ion Ratio Lower Upper

56 100

69 174.1 25.8 38.6#

84 130.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.816 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

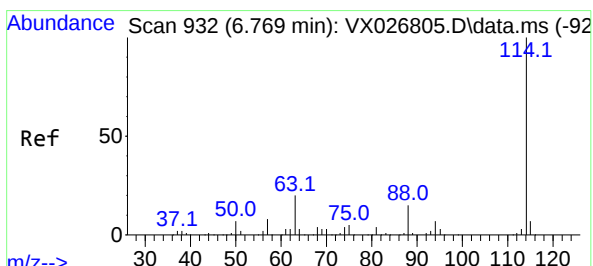
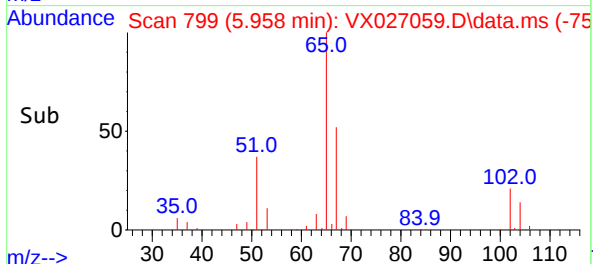
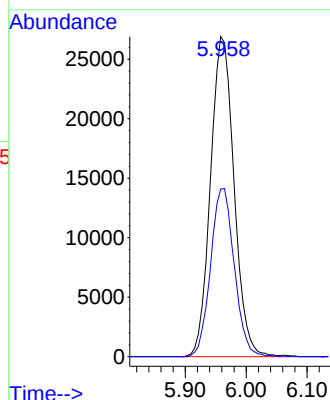
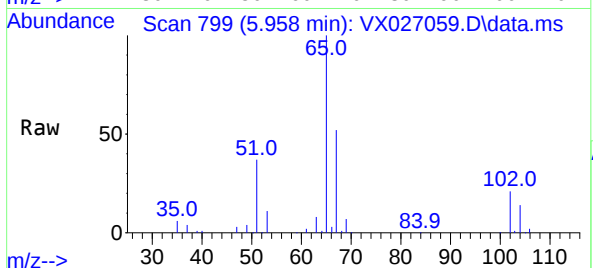
EB-2022-02-16

Tgt Ion: 65 Resp: 72274

Ion Ratio Lower Upper

65 100

67 52.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

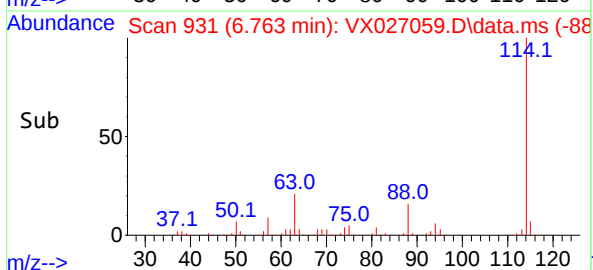
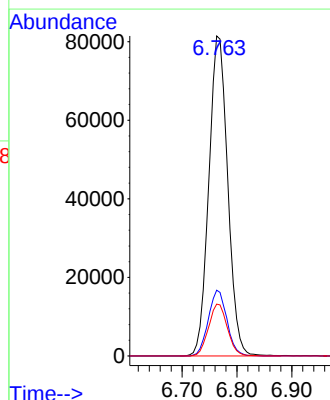
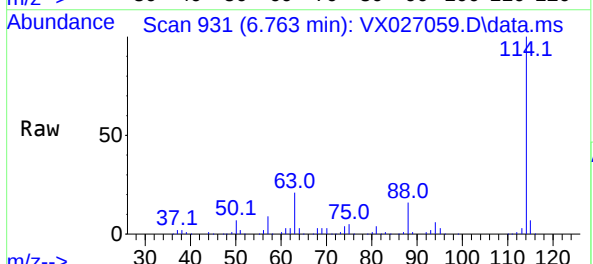
Tgt Ion: 114 Resp: 194871

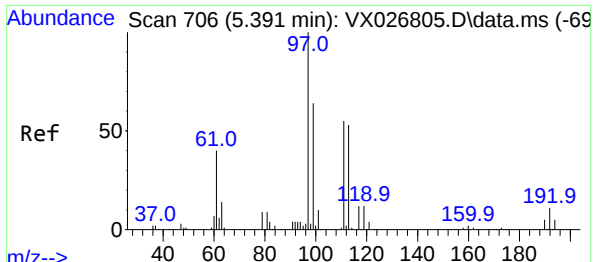
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

88 16.2 0.0 33.0

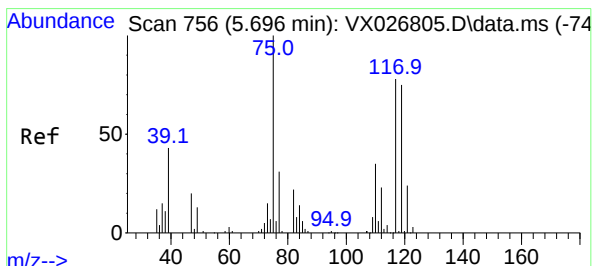
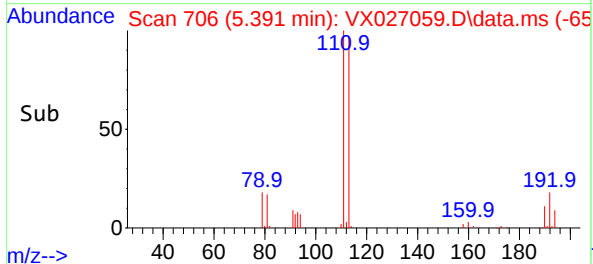
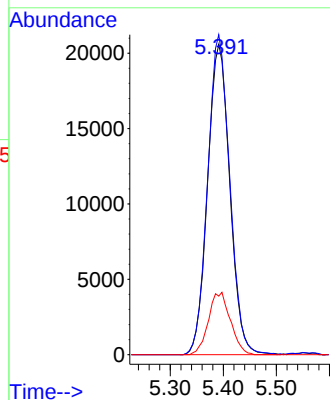
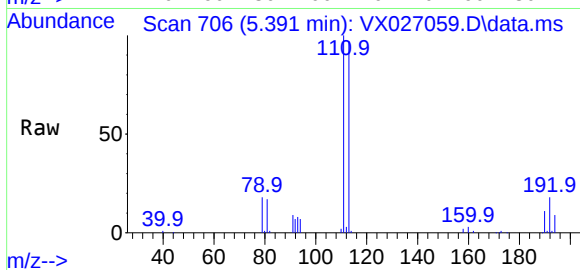




#35
Dibromofluoromethane
Concen: 51.547 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

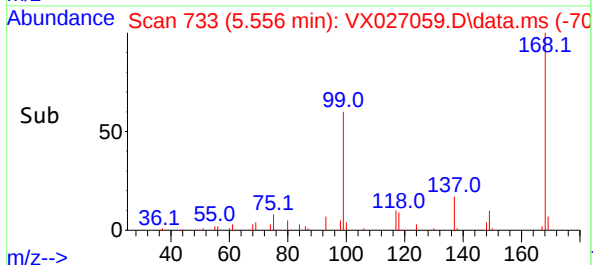
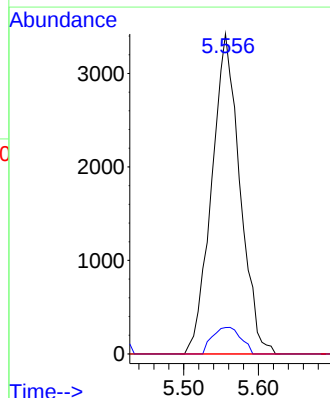
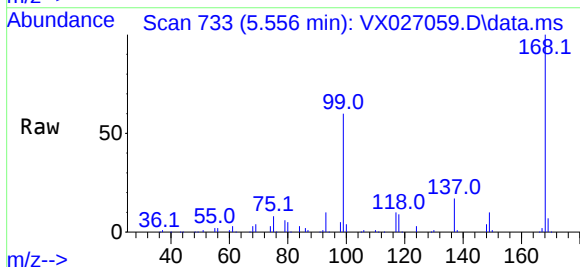
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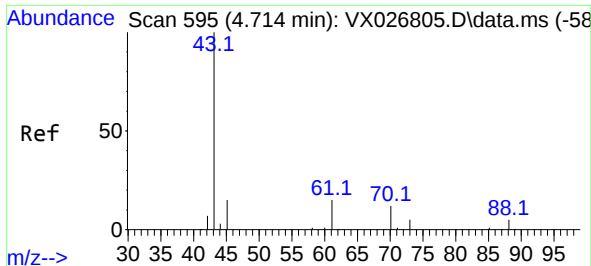
Tgt Ion:113 Resp: 59846
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.9 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.905 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 75 Resp: 8983
Ion Ratio Lower Upper
75 100
110 8.4 17.2 51.6#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 0.652 ug/l

RT: 4.580 min Scan# 51

Delta R.T. -0.134 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-02-16

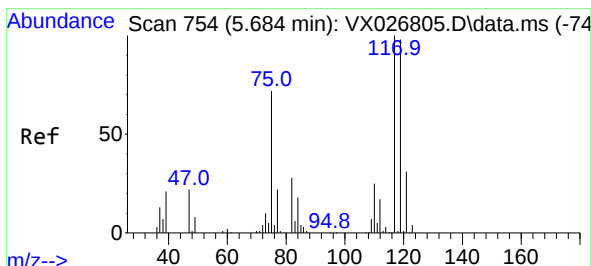
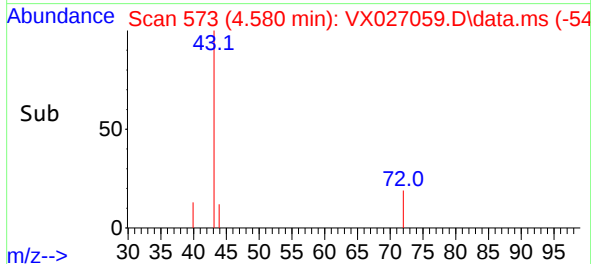
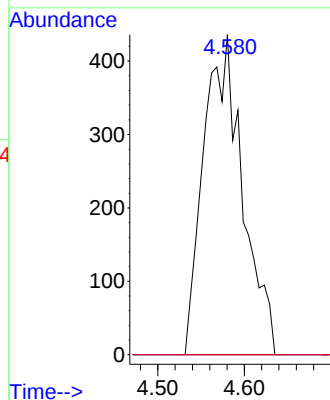
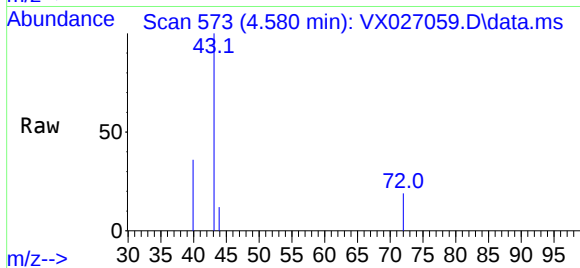
Tgt Ion: 43 Resp: 1357

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 0.0 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 6.361 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

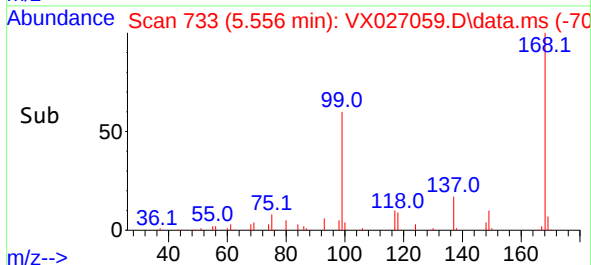
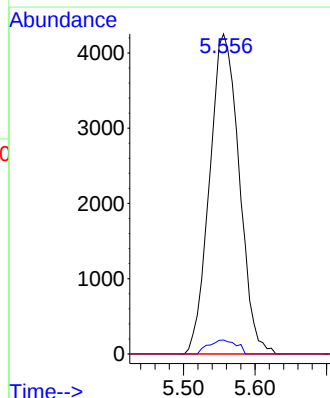
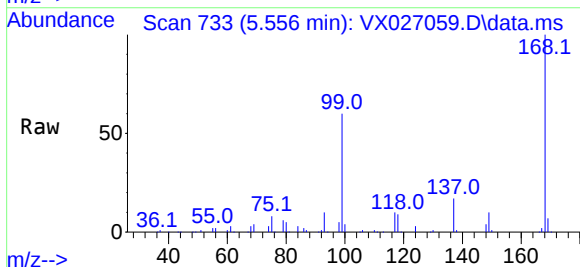
Tgt Ion: 117 Resp: 12218

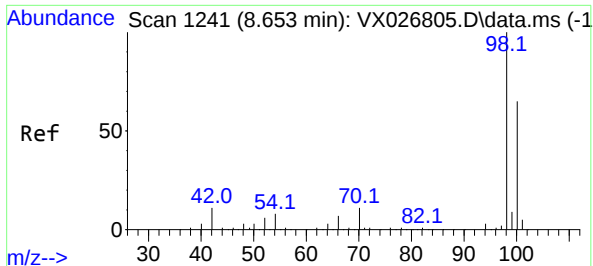
Ion Ratio Lower Upper

117 100

119 4.3 74.7 112.1#

121 0.0 25.4 38.0#

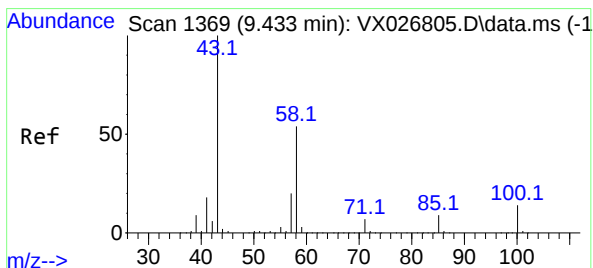
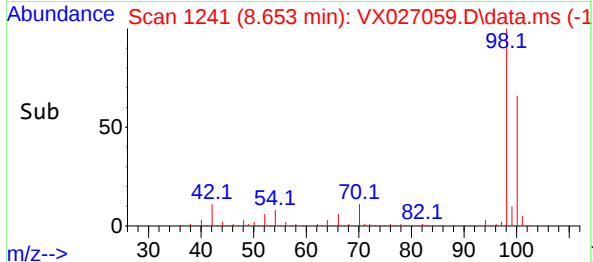
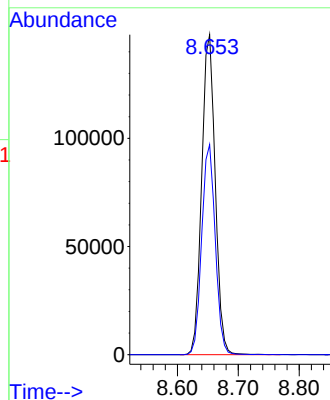
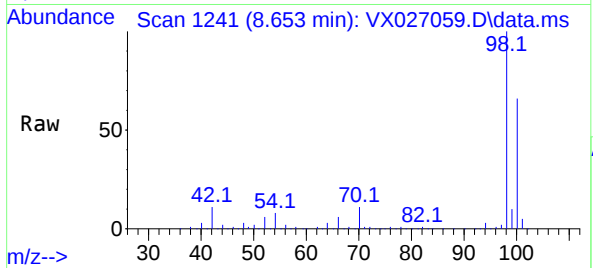




#50
Toluene-d8
Concen: 53.477 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

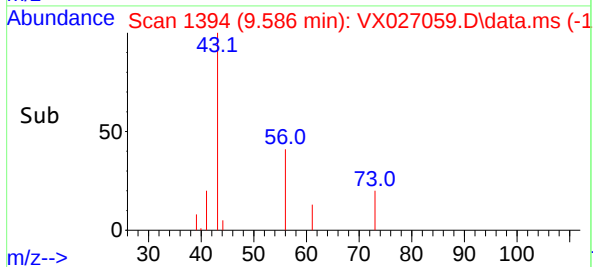
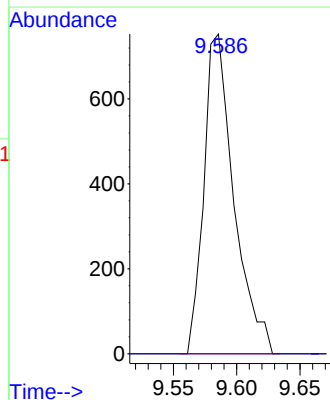
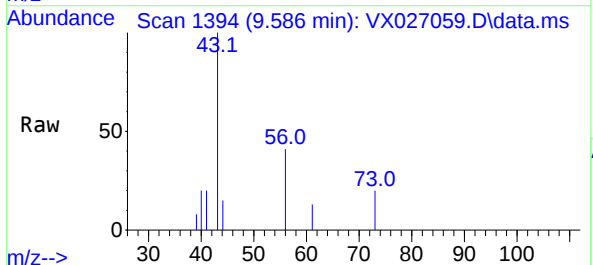
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

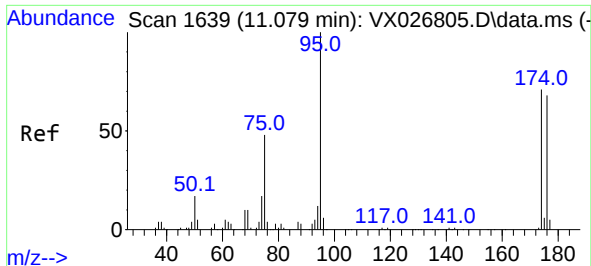
Tgt Ion: 98 Resp: 227903
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



#59
2-Hexanone
Concen: 0.875 ug/l
RT: 9.586 min Scan# 1394
Delta R.T. 0.152 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#

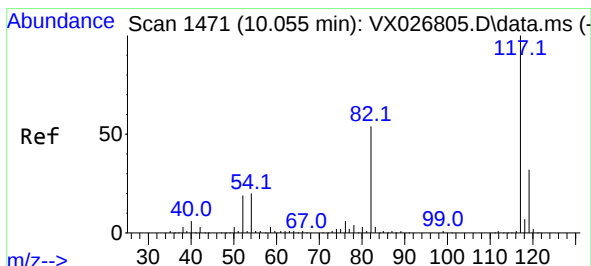
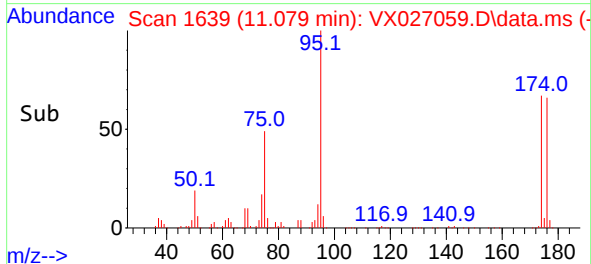
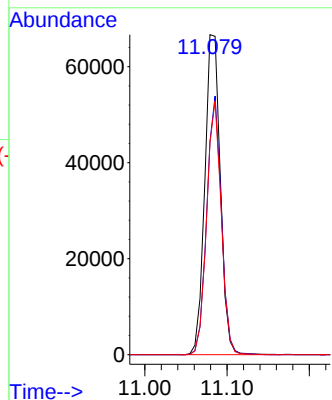
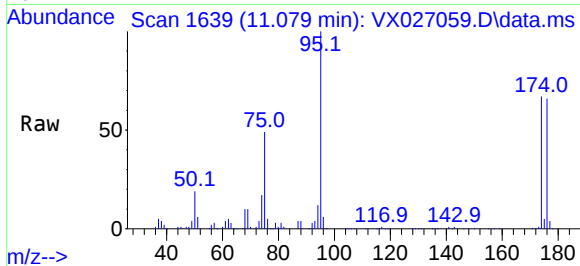




#62
4-Bromofluorobenzene
Concen: 58.266 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

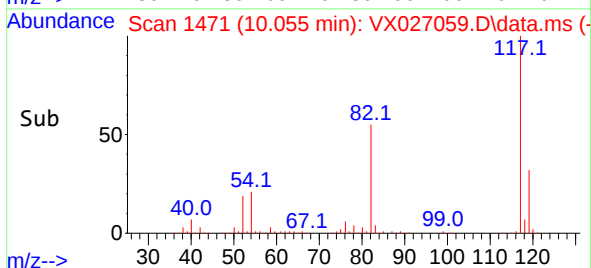
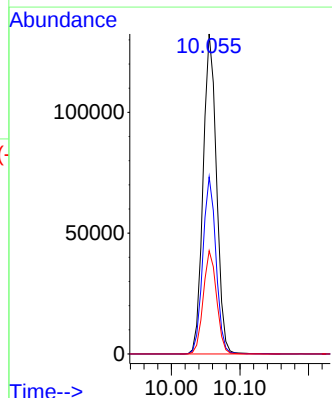
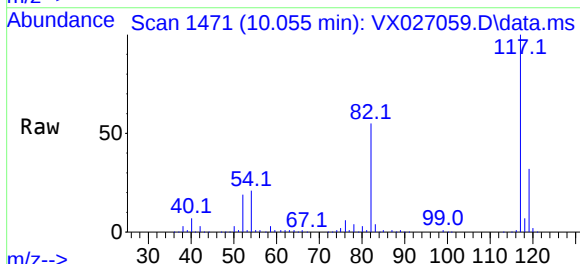
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

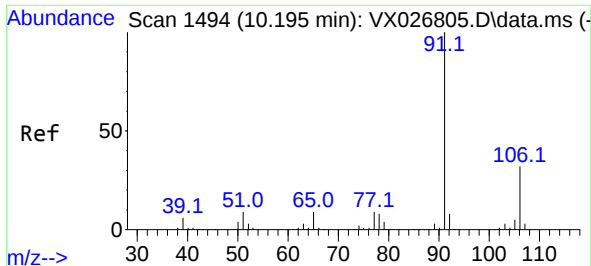
Tgt Ion: 95 Resp: 87423
Ion Ratio Lower Upper
95 100
174 76.0 0.0 148.6
176 74.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 117 Resp: 180188
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 32.3 26.2 39.2





#67

Ethyl Benzene

Concen: 0.220 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027059.D

Acq: 16 Feb 2022 18:58

Instrument :

MSVOA_X

ClientSampleId :

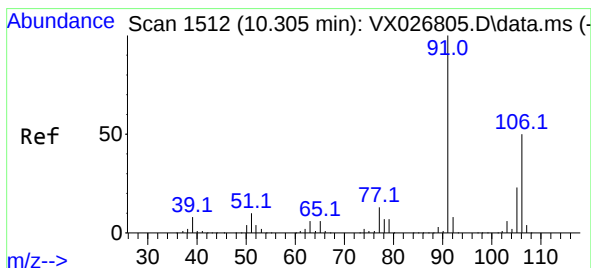
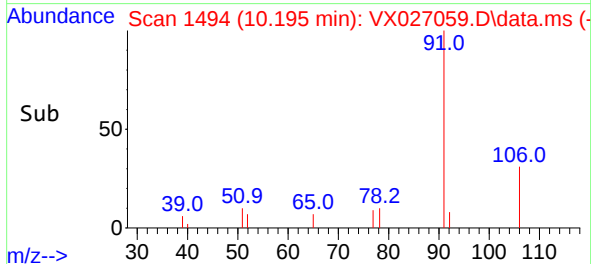
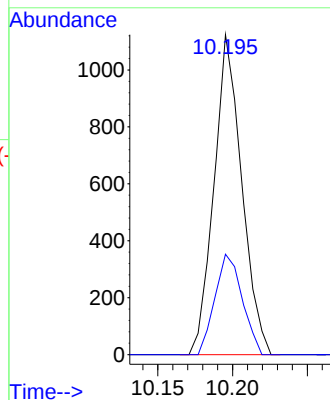
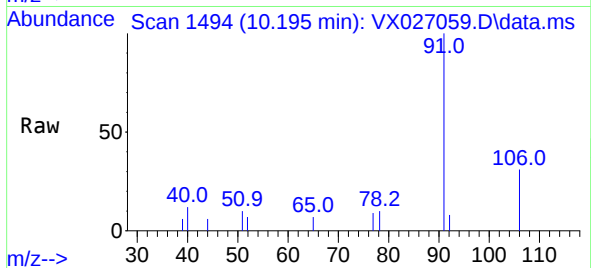
EB-2022-02-16

Tgt Ion: 91 Resp: 1448

Ion Ratio Lower Upper

91 100

106 31.4 24.7 37.1



#68

m/p-Xylenes

Concen: 0.969 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027059.D

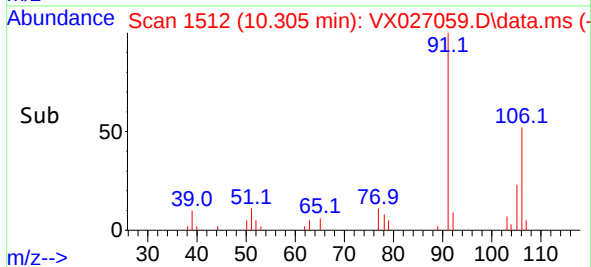
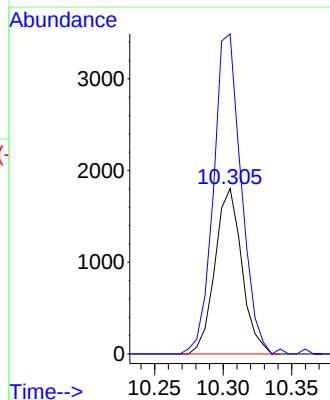
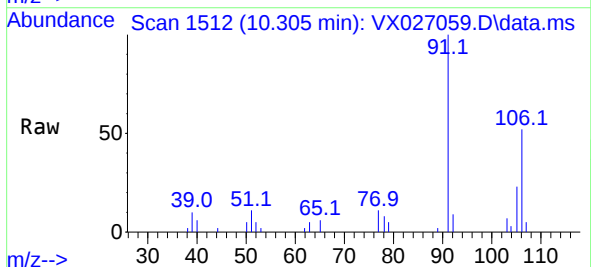
Acq: 16 Feb 2022 18:58

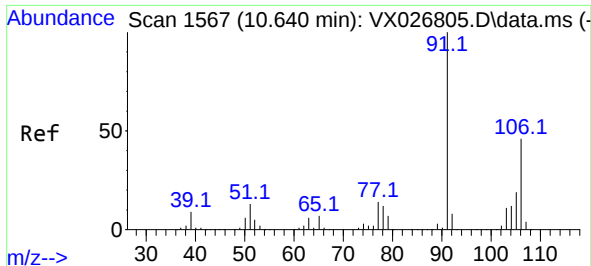
Tgt Ion: 106 Resp: 2460

Ion Ratio Lower Upper

106 100

91 200.1 165.3 247.9

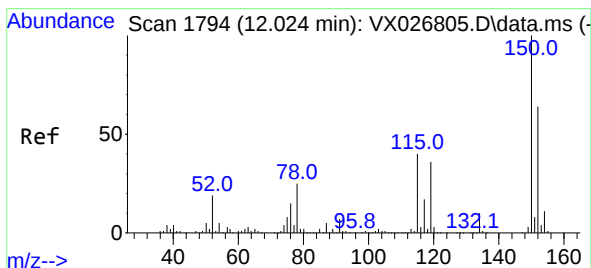
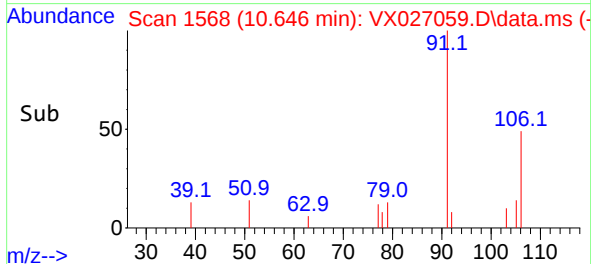
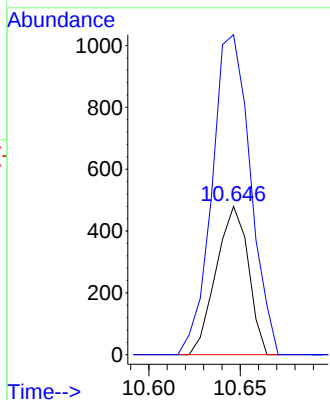
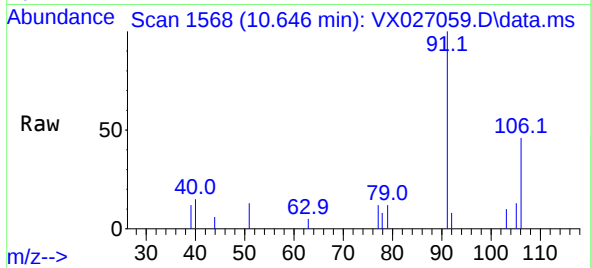




#69
o-Xylene
Concen: 0.236 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

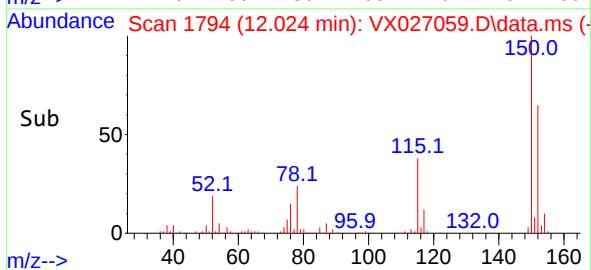
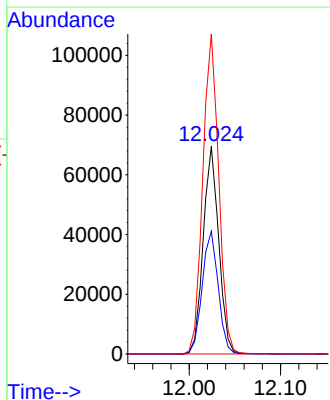
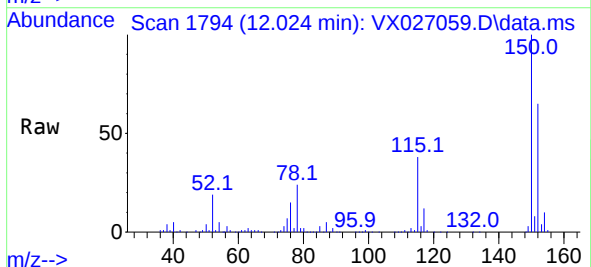
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

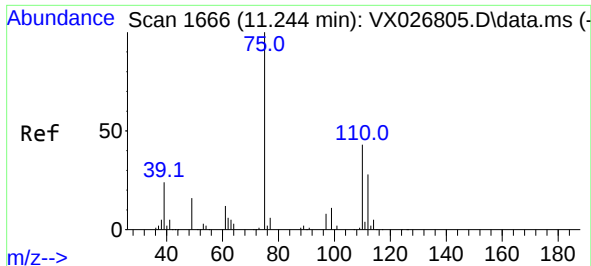
Tgt Ion:106 Resp: 588
Ion Ratio Lower Upper
106 100
91 256.8 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion:152 Resp: 81734
Ion Ratio Lower Upper
152 100
115 61.0 44.2 132.6
150 158.5 0.0 348.2

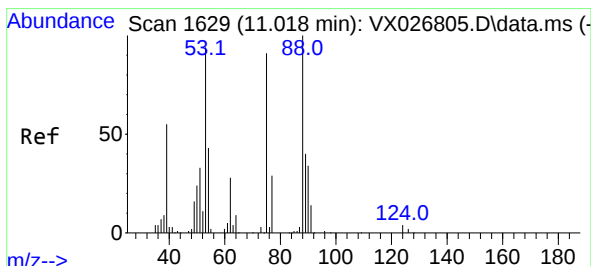
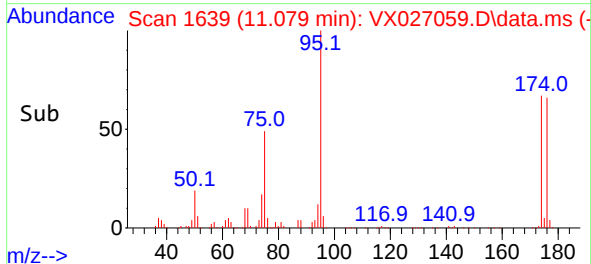
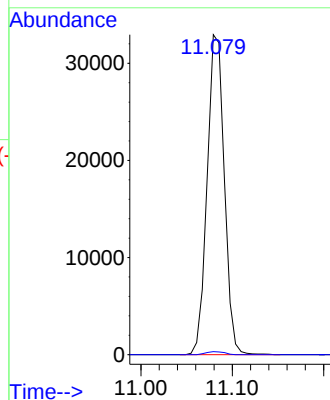
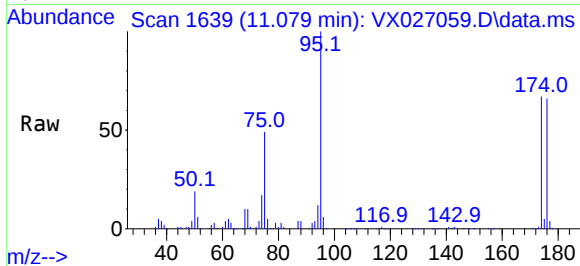




#76
1,2,3-Trichloropropane
Concen: 24.053 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

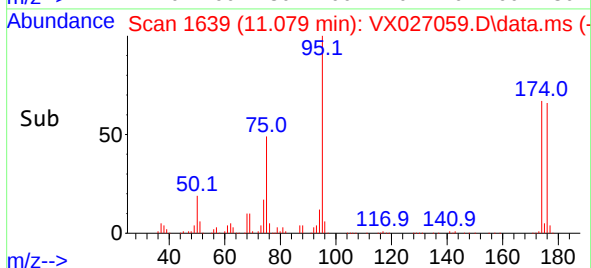
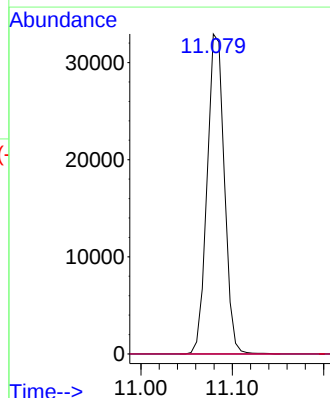
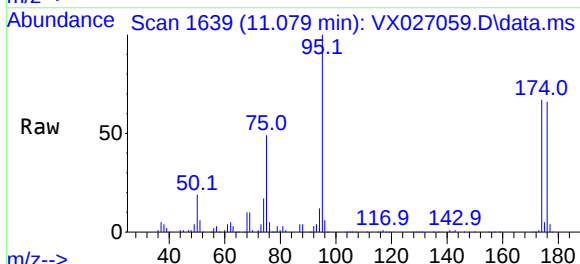
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-02-16

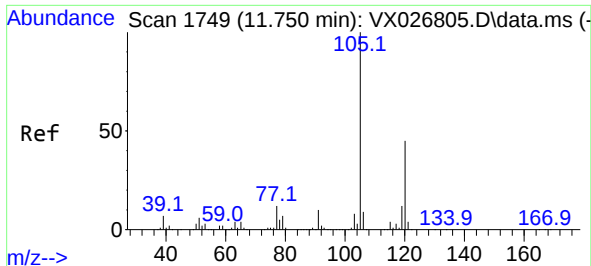
Tgt Ion: 75 Resp: 43035
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.495 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion: 75 Resp: 43035
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

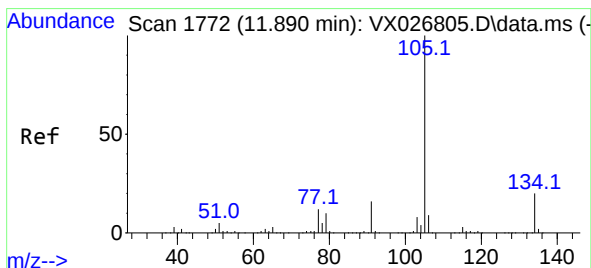
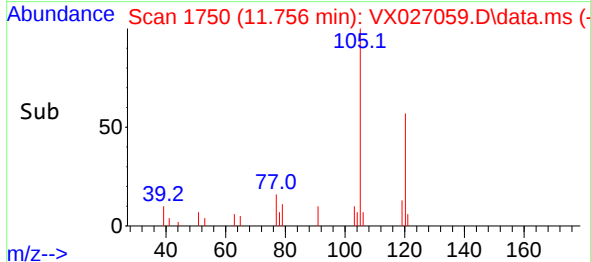
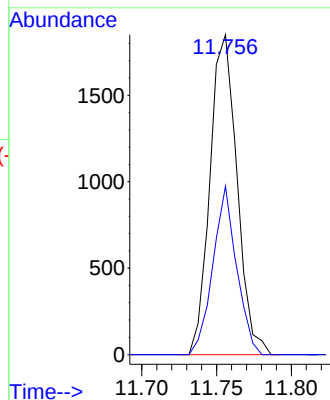
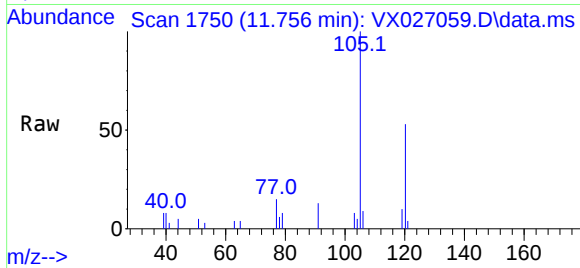




#84
1,2,4-Trimethylbenzene
Concen: 0.436 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

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

Tgt Ion:105 Resp: 2329
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.364 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027059.D
Acq: 16 Feb 2022 18:58

Tgt Ion:105 Resp: 2329
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#

