

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040222\
 Data File : VX027941.D
 Acq On : 02 Apr 2022 18:15
 Operator : JC/MD
 Sample : N2249-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

Quant Time: Apr 04 04:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

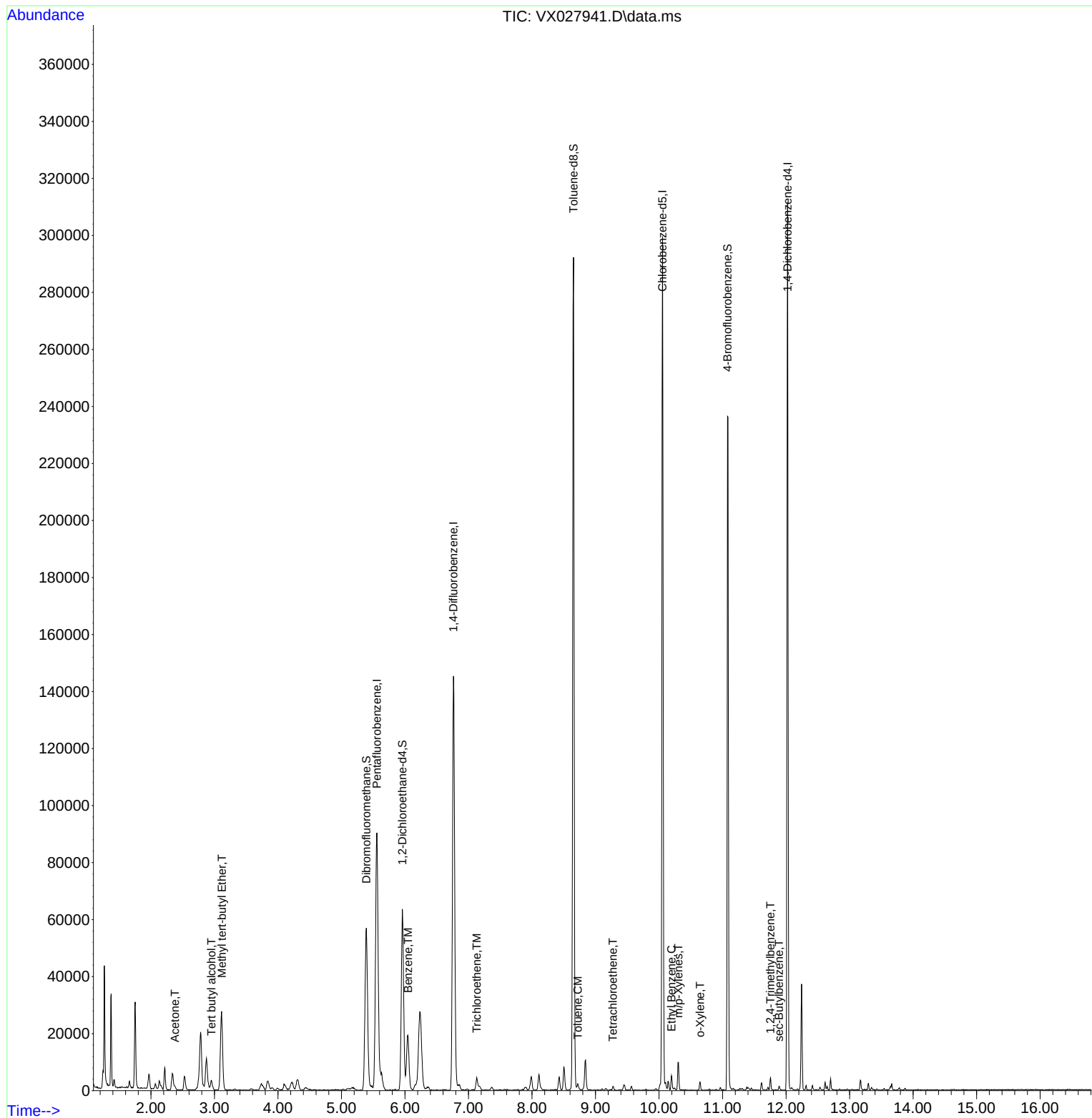
Internal Standards						
1) Pentafluorobenzene	5.556	168	79805	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142380	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60971	59.212	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	118.420%
35) Dibromofluoromethane	5.391	113	48020	52.251	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.500%
50) Toluene-d8	8.653	98	170543	52.742	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.480%
62) 4-Bromofluorobenzene	11.079	95	67178	48.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.780%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	3676	18.585	ug/l	96
16) Acetone	2.380	43	1294	2.840	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	19456	7.448	ug/l #	55
40) Benzene	6.050	78	23255	6.629	ug/l	91
44) Trichloroethene	7.129	130	1631	1.711	ug/l	82
52) Toluene	8.720	92	741	0.335	ug/l	94
64) Tetrachloroethene	9.275	164	241	0.267	ug/l #	71
67) Ethyl Benzene	10.195	91	3111	0.654	ug/l	99
68) m/p-Xylenes	10.305	106	2472	1.413	ug/l	95
69) o-Xylene	10.646	106	656	0.384	ug/l	78
84) 1,2,4-Trimethylbenzene	11.756	105	2077	0.550	ug/l	96
85) sec-Butylbenzene	11.890	105	909	0.201	ug/l	91

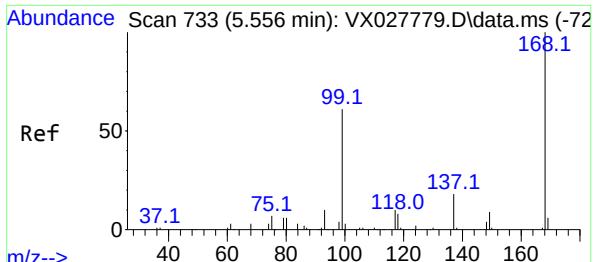
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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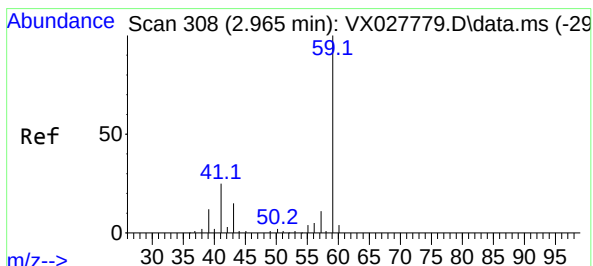
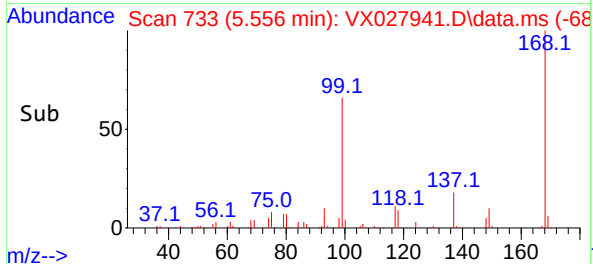
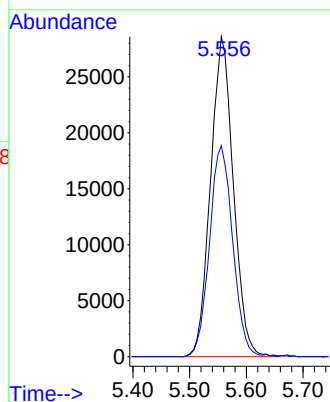
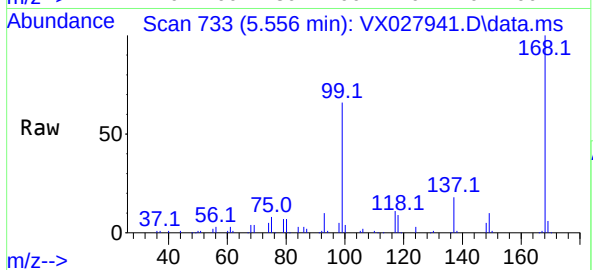




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

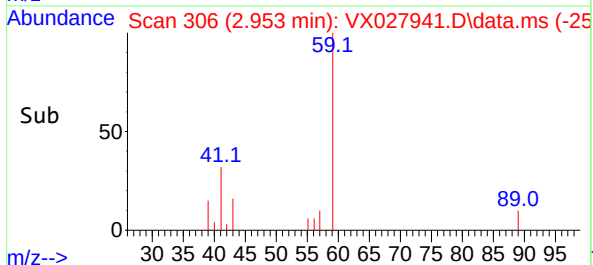
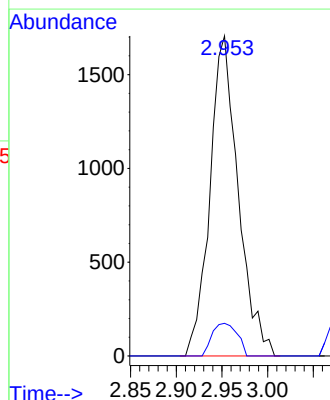
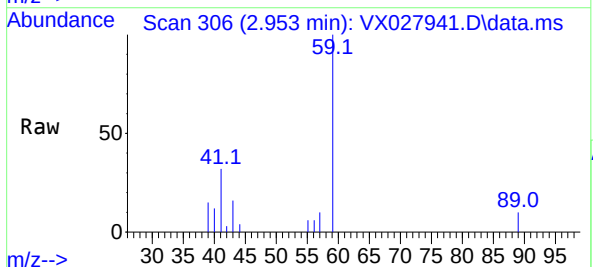
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

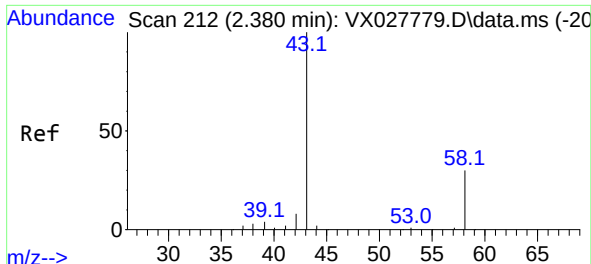
Tgt Ion:168 Resp: 79805
Ion Ratio Lower Upper
168 100
99 65.9 41.7 62.5#



#11
Tert butyl alcohol
Concen: 18.585 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion: 59 Resp: 3676
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5

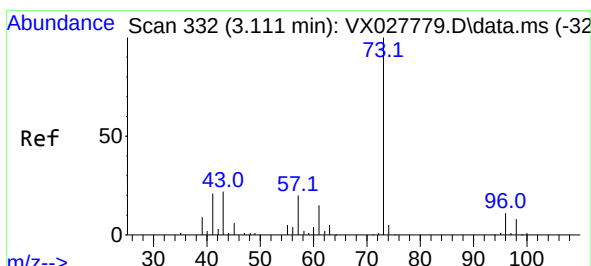
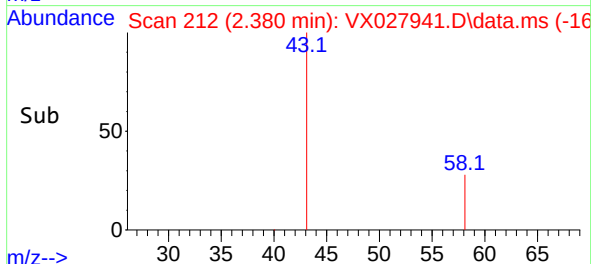
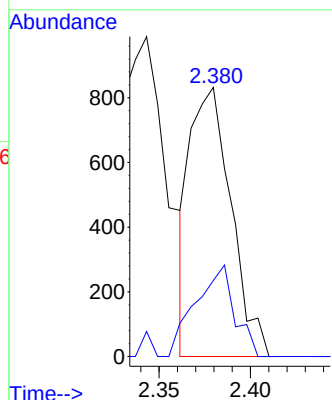
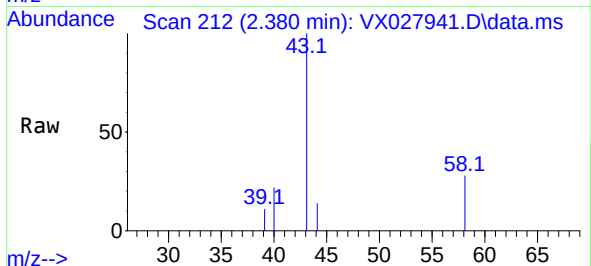




#16
Acetone
Concen: 2.840 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

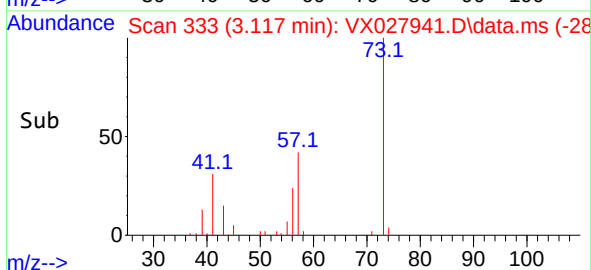
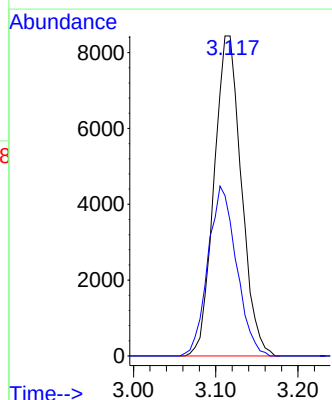
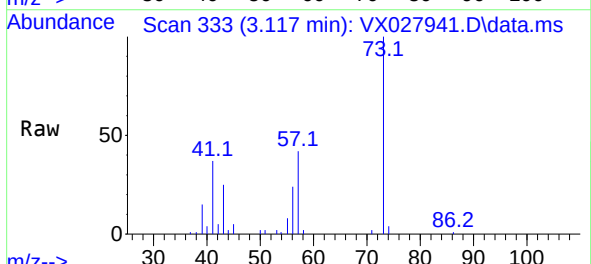
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

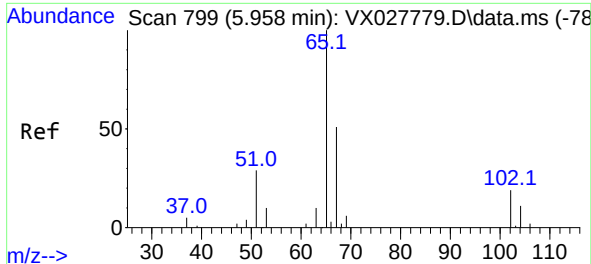
Tgt Ion: 43 Resp: 1294
Ion Ratio Lower Upper
43 100
58 28.2 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 7.448 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion: 73 Resp: 19456
Ion Ratio Lower Upper
73 100
57 42.1 16.8 25.2#





#33

1,2-Dichloroethane-d4

Concen: 59.212 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027941.D

Acq: 02 Apr 2022 18:15

Instrument :

MSVOA_X

ClientSampleId :

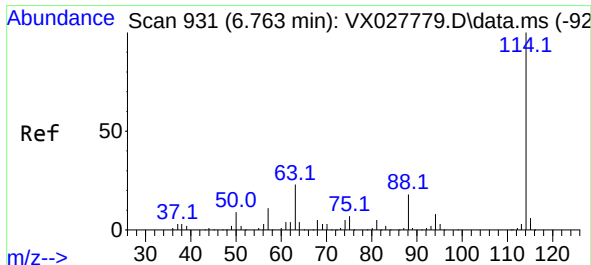
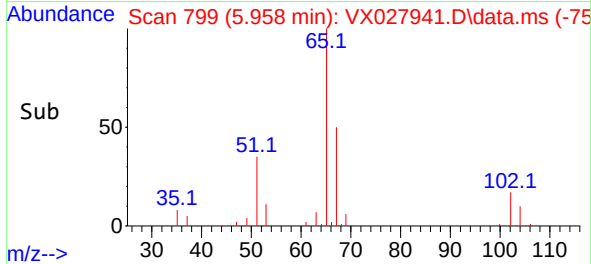
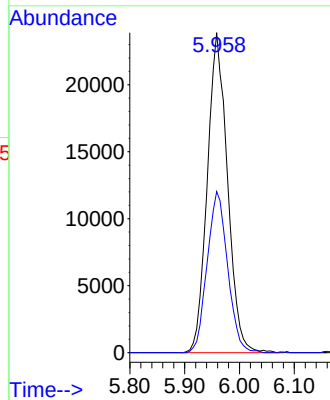
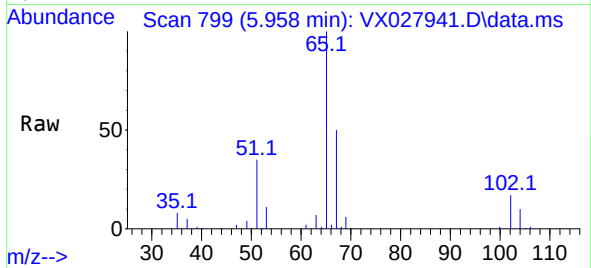
MW-6D

Tgt Ion: 65 Resp: 60971

Ion Ratio Lower Upper

65 100

67 51.1 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: VX027941.D

Acq: 02 Apr 2022 18:15

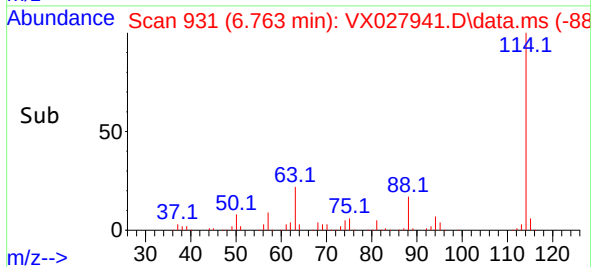
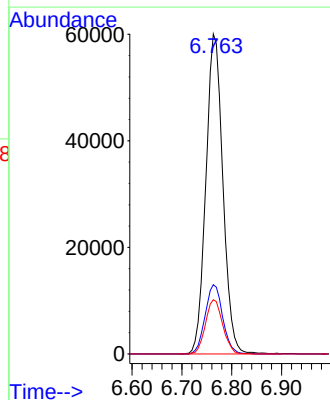
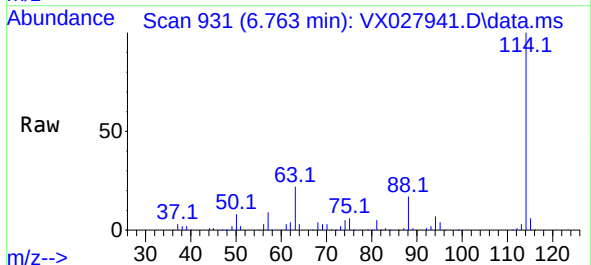
Tgt Ion: 114 Resp: 142380

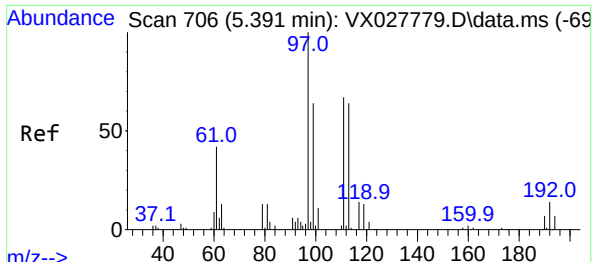
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.8

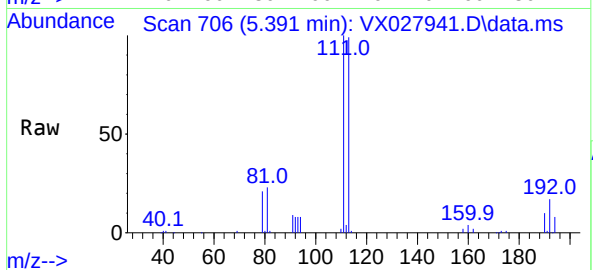
88 16.9 0.0 32.4



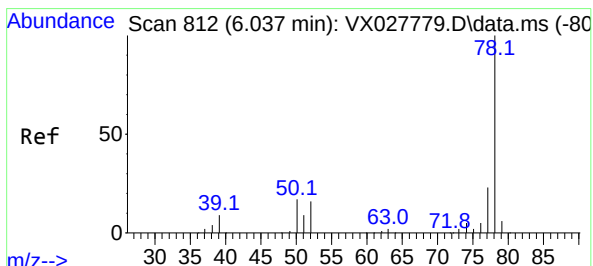
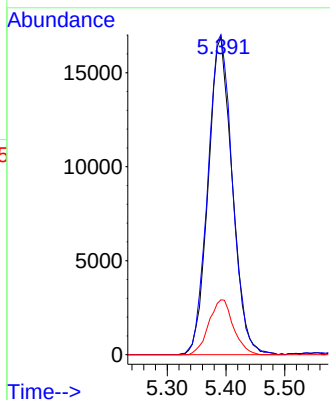
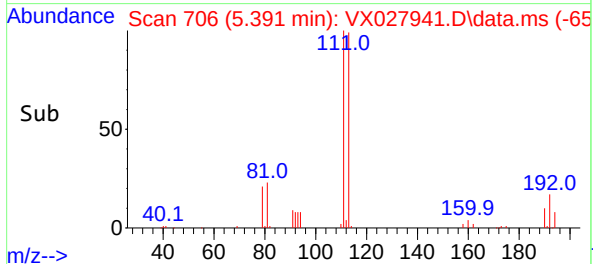


#35
Dibromofluoromethane
Concen: 52.251 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
MW-6D

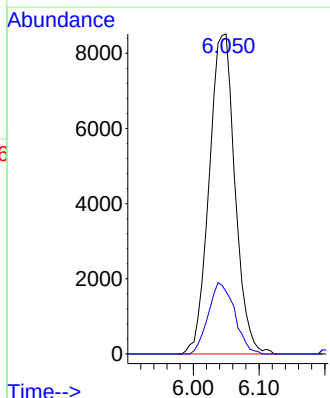
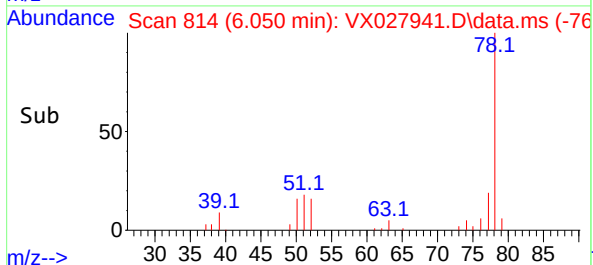
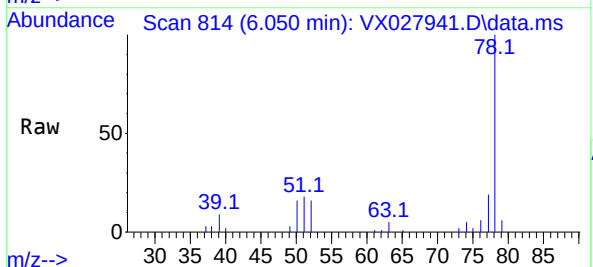


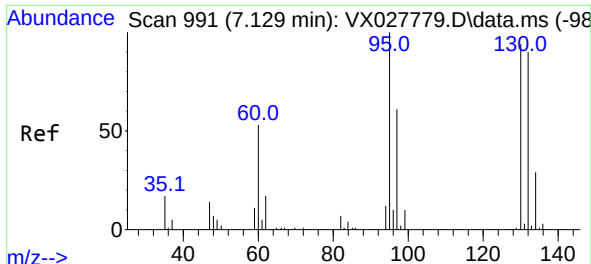
Tgt Ion:113 Resp: 48020
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 17.6 16.9 25.3



#40
Benzene
Concen: 6.629 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.013 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion: 78 Resp: 23255
Ion Ratio Lower Upper
78 100
77 19.5 19.3 28.9

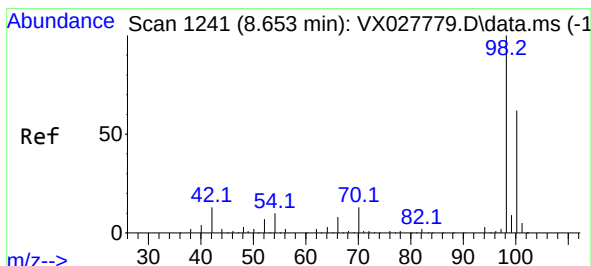
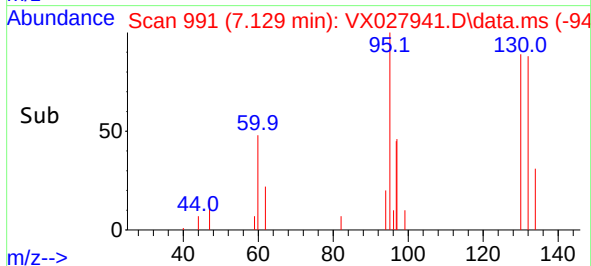
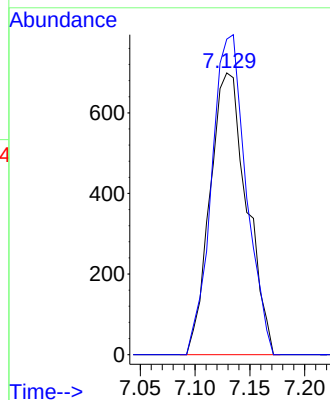
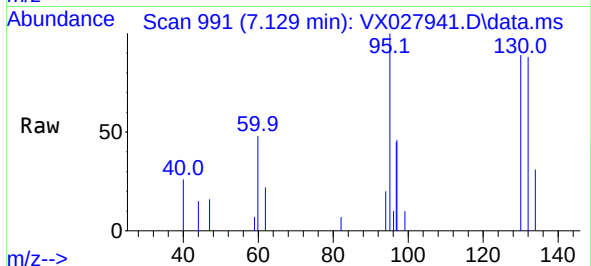




#44
Trichloroethene
Concen: 1.711 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

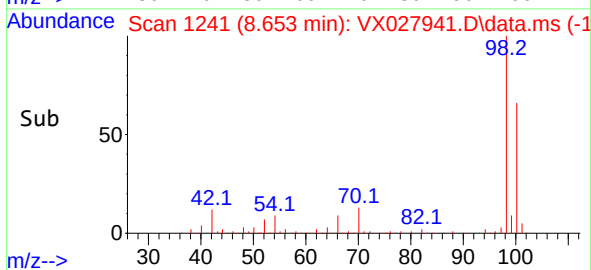
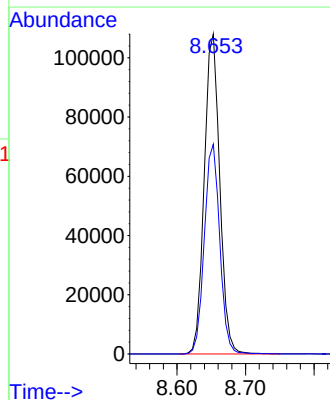
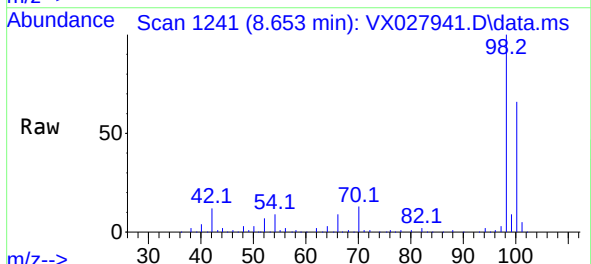
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ClientSampleId :
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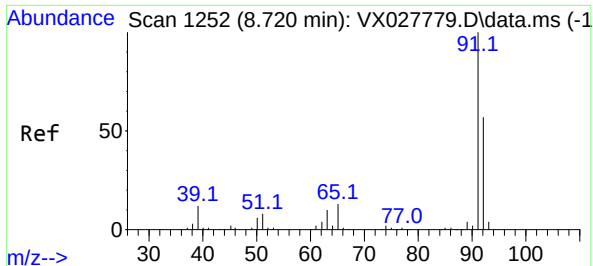
Tgt Ion:130 Resp: 1631
Ion Ratio Lower Upper
130 100
95 112.0 0.0 188.8



#50
Toluene-d8
Concen: 52.742 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion: 98 Resp: 170543
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

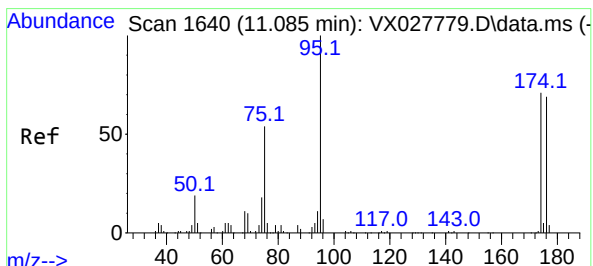
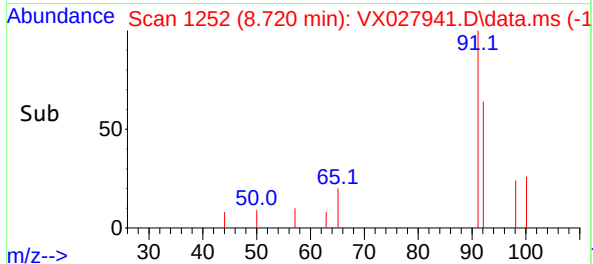
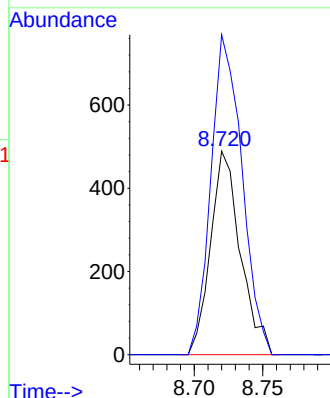
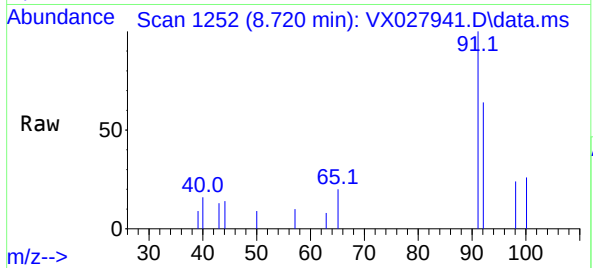




#52
Toluene
Concen: 0.335 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

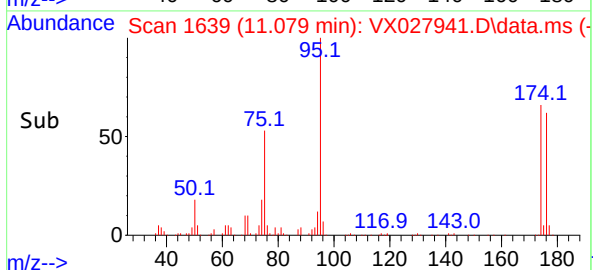
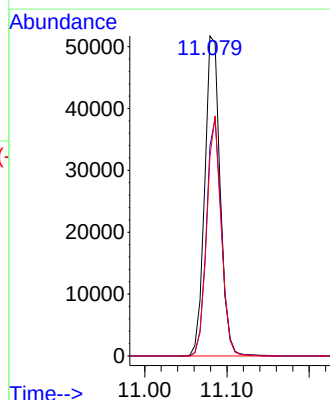
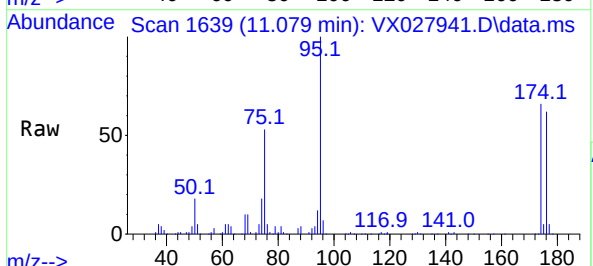
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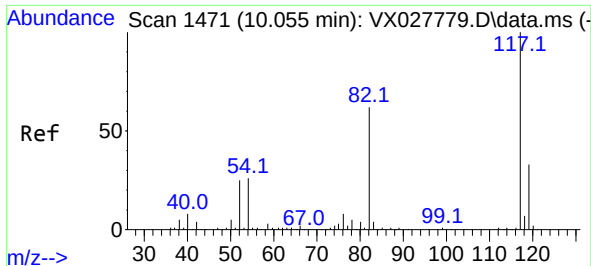
Tgt Ion: 92 Resp: 741
Ion Ratio Lower Upper
92 100
91 163.7 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.887 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion: 95 Resp: 67178
Ion Ratio Lower Upper
95 100
174 71.8 0.0 163.0
176 70.2 0.0 155.0

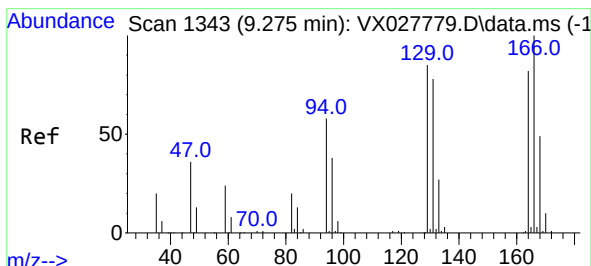
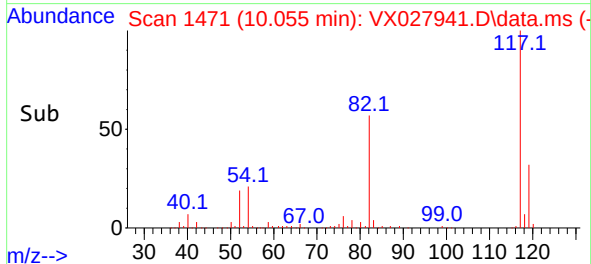
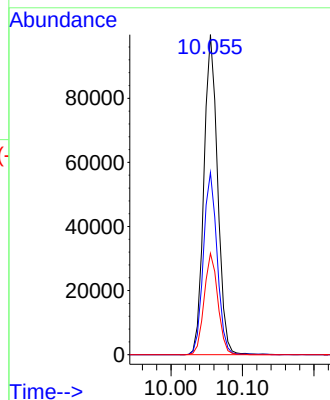
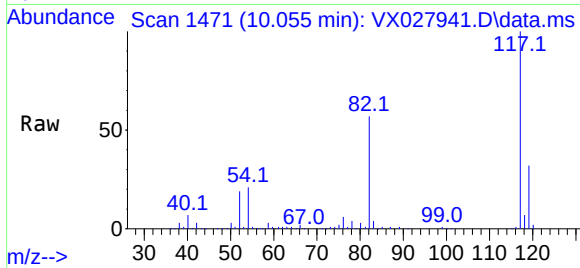




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

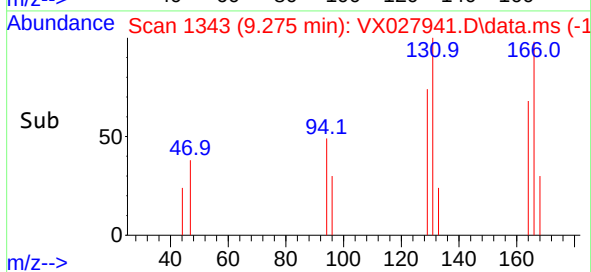
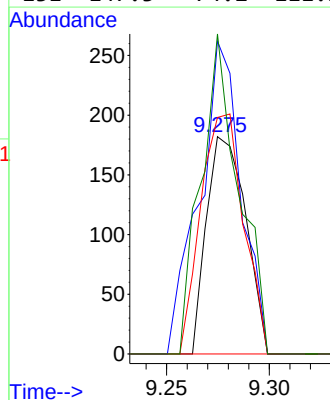
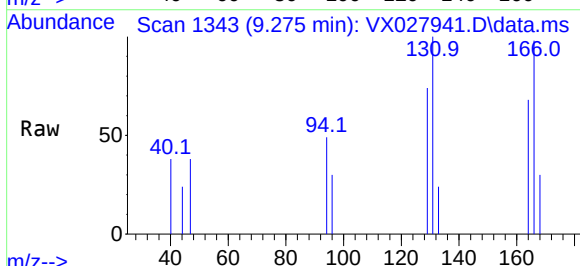
Instrument :
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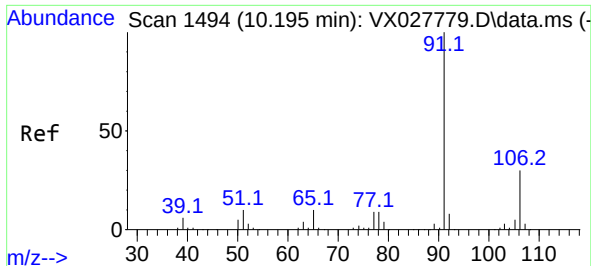
Tgt Ion:117 Resp: 133073
Ion Ratio Lower Upper
117 100
82 56.9 41.8 62.8
119 31.7 24.8 37.2



#64
Tetrachloroethene
Concen: 0.267 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion:164 Resp: 241
Ion Ratio Lower Upper
164 100
166 144.0 101.2 151.8
129 108.8 73.0 109.4
131 147.3 74.2 111.2#





#67

Ethyl Benzene

Concen: 0.654 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027941.D

Acq: 02 Apr 2022 18:15

Instrument :

MSVOA_X

ClientSampleId :

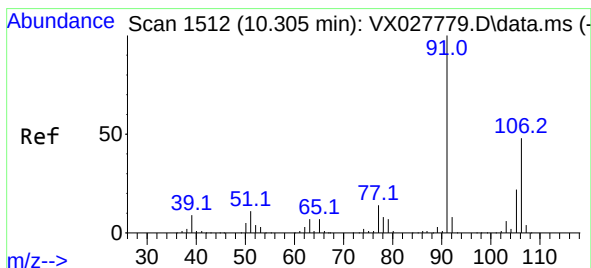
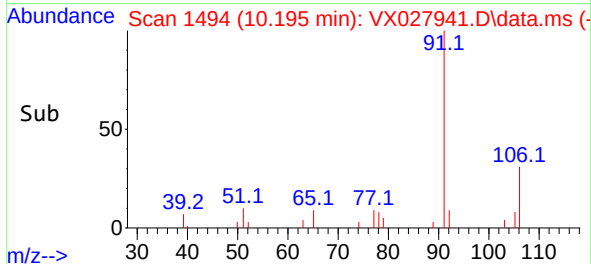
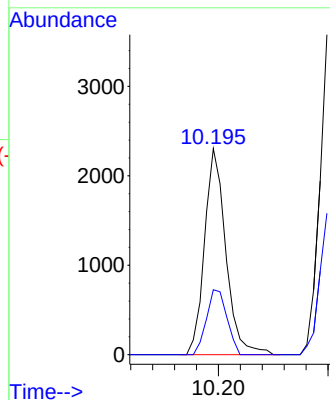
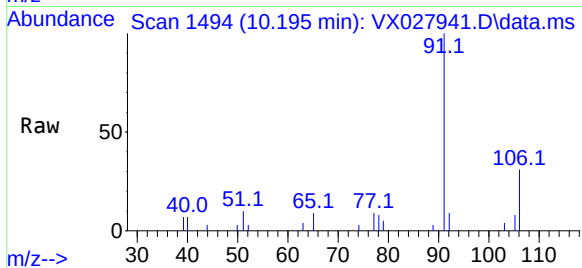
MW-6D

Tgt Ion: 91 Resp: 3111

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 1.413 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027941.D

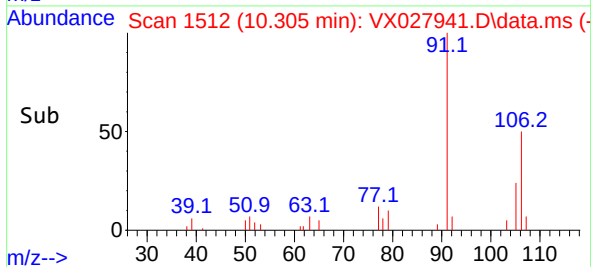
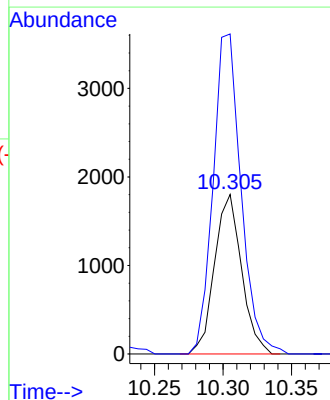
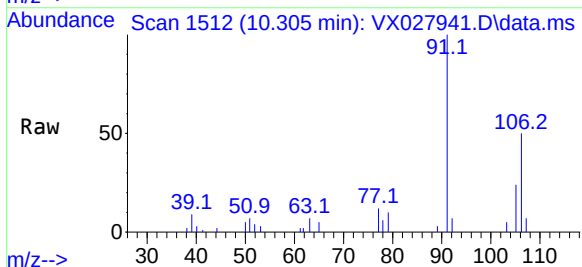
Acq: 02 Apr 2022 18:15

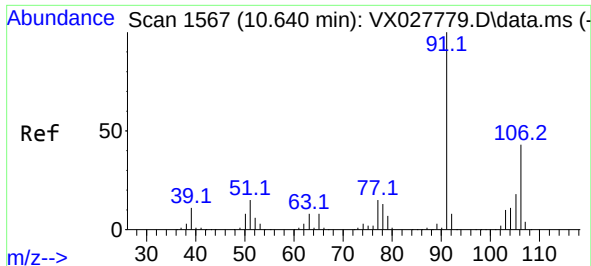
Tgt Ion: 106 Resp: 2472

Ion Ratio Lower Upper

106 100

91 207.4 160.4 240.6

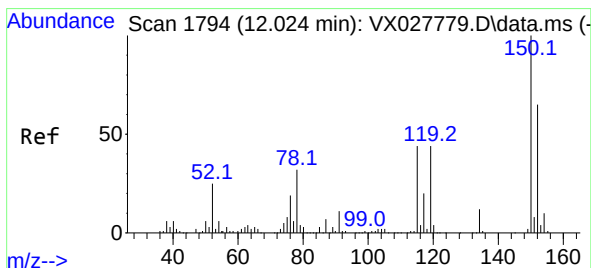
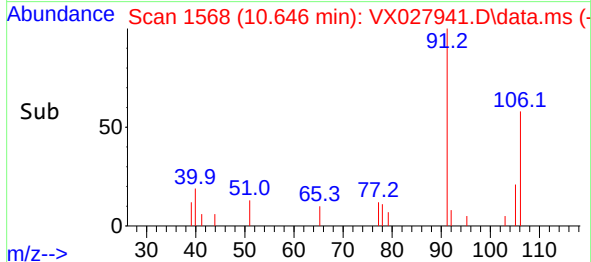
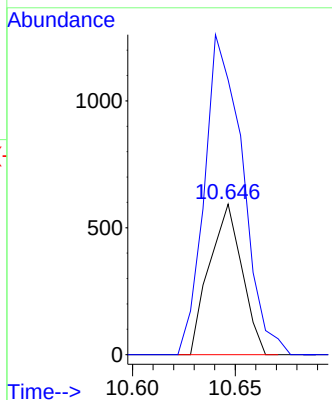
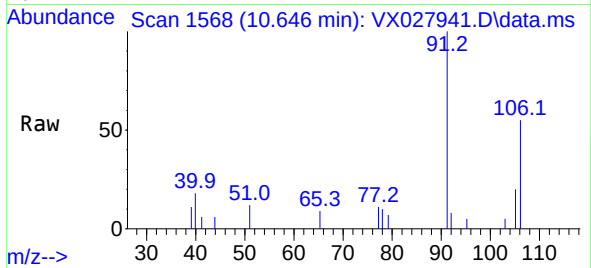




#69
o-Xylene
Concen: 0.384 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

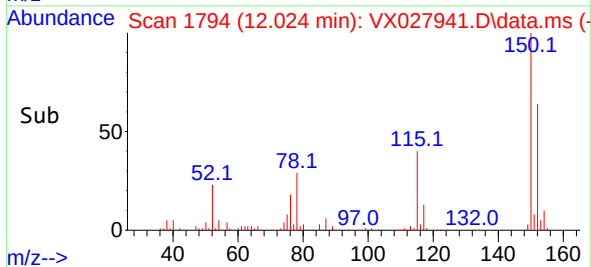
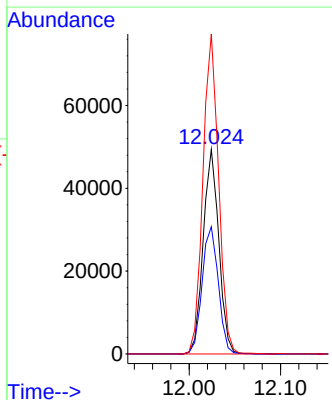
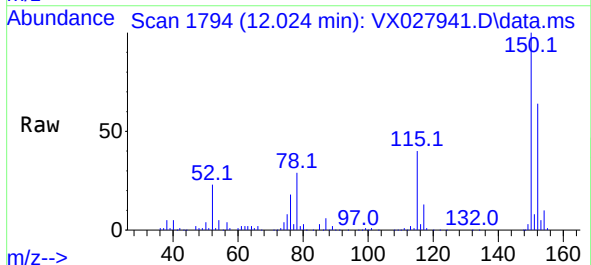
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

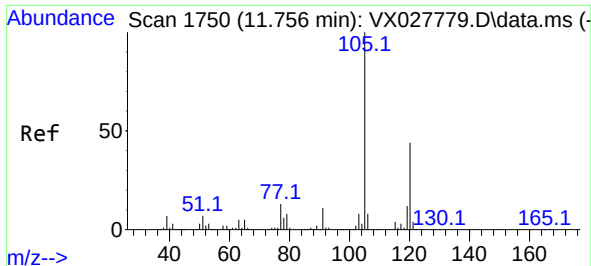
Tgt Ion:106 Resp: 656
Ion Ratio Lower Upper
106 100
91 247.4 106.1 318.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion:152 Resp: 58587
Ion Ratio Lower Upper
152 100
115 64.4 37.5 112.7
150 156.6 0.0 338.2

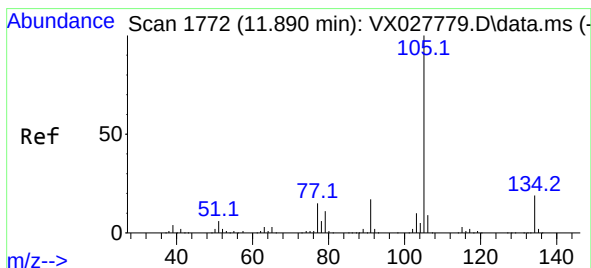
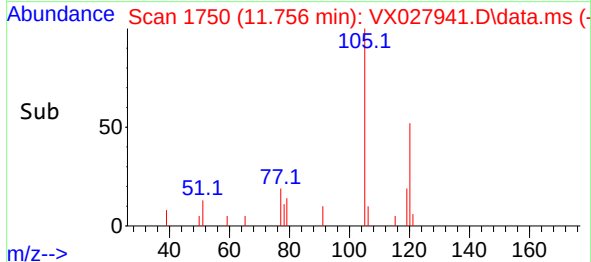
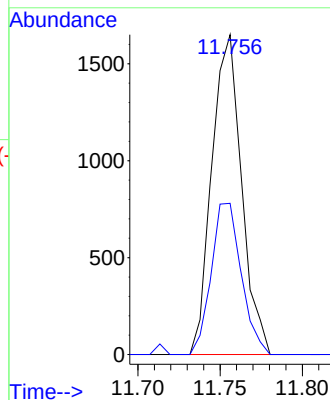
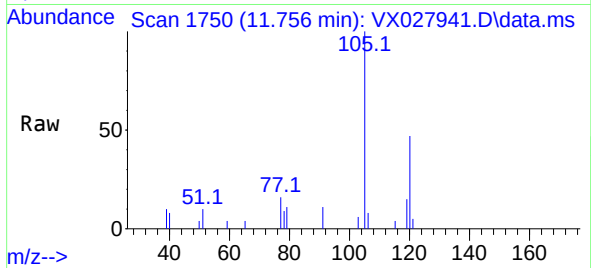




#84
1,2,4-Trimethylbenzene
Concen: 0.550 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
MW-6D

Tgt Ion:105 Resp: 2077
Ion Ratio Lower Upper
105 100
120 47.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.201 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027941.D
Acq: 02 Apr 2022 18:15

Tgt Ion:105 Resp: 909
Ion Ratio Lower Upper
105 100
134 16.0 10.2 30.4

