

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029600.D
 Acq On : 19 Jun 2022 03:50
 Operator : JC/MD
 Sample : N3290-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-1

Quant Time: Jun 20 01:40:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

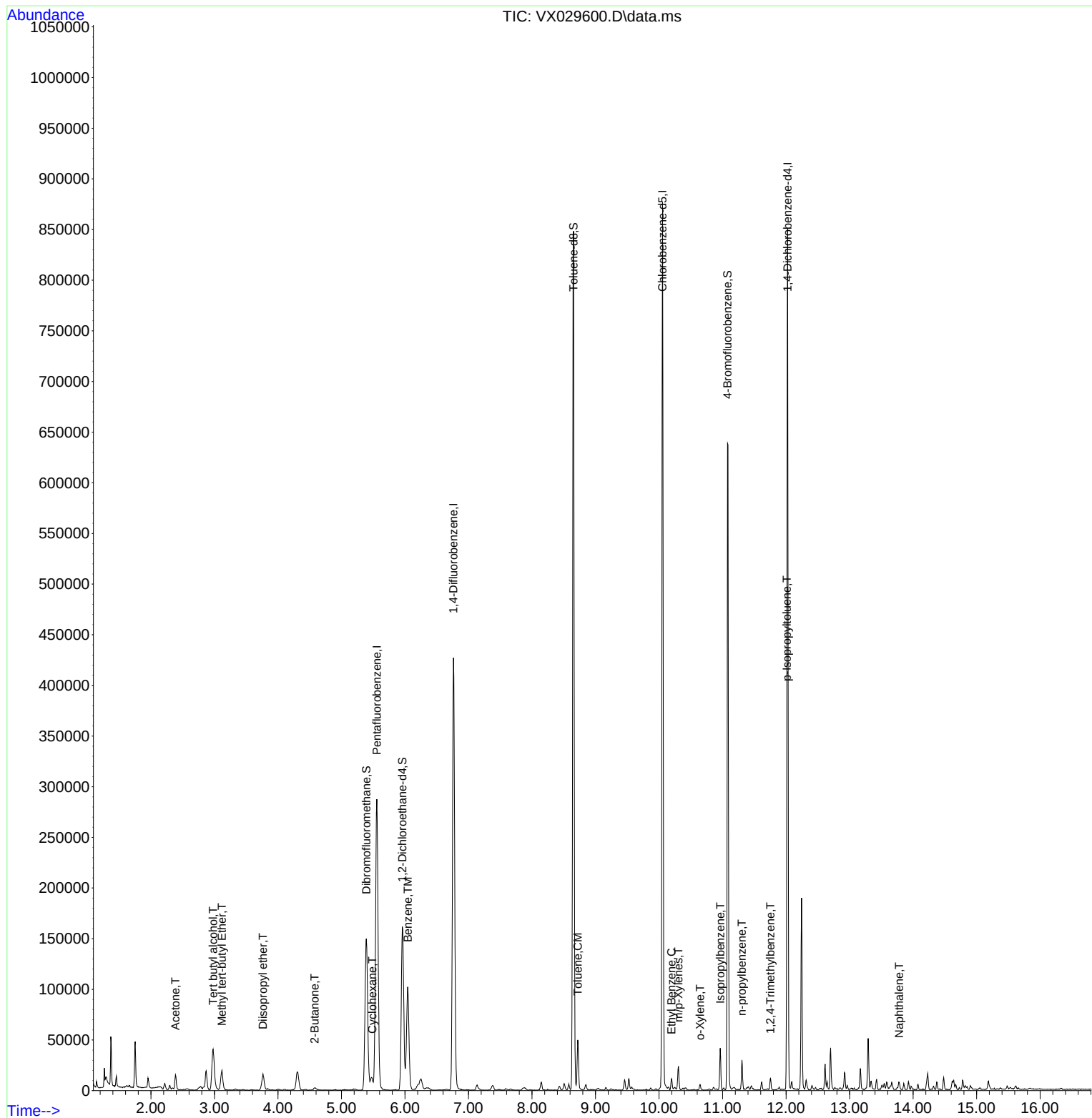
Internal Standards						
1) Pentafluorobenzene	5.556	168	272820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	459760	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	399840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158107	43.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.560%
35) Dibromofluoromethane	5.391	113	136062	45.412	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	8.653	98	522980	47.780	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	11.079	95	189107	45.814	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	63183	73.760	ug/l	100
16) Acetone	2.386	43	16696	11.599	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	18292	1.906	ug/l #	78
22) Diisopropyl ether	3.764	45	15900	1.801	ug/l #	85
25) 2-Butanone	4.574	43	5067	2.227	ug/l	94
31) Cyclohexane	5.483	56	8358	1.724	ug/l	97
40) Benzene	6.044	78	125852	10.470	ug/l	98
52) Toluene	8.720	92	19087	2.480	ug/l	99
67) Ethyl Benzene	10.195	91	7038	0.499	ug/l	93
68) m/p-Xylenes	10.305	106	5281	0.959	ug/l	85
69) o-Xylene	10.646	106	1163	0.214	ug/l	68
73) Isopropylbenzene	10.963	105	20817	1.572	ug/l	98
78) n-propylbenzene	11.305	91	18094	1.213	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	5272	0.474	ug/l	95
86) p-Isopropyltoluene	12.012	119	5690	0.504	ug/l	88
95) Naphthalene	13.780	128	5894	0.476	ug/l	98

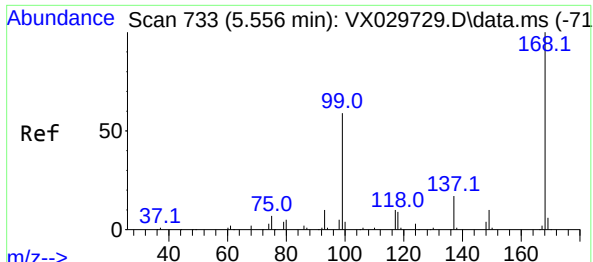
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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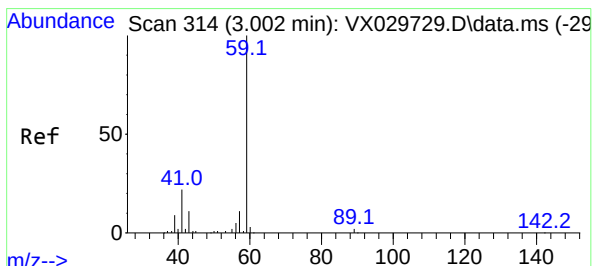
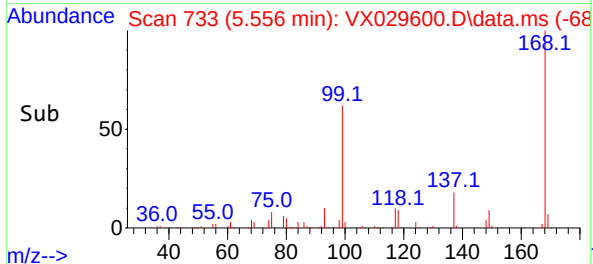
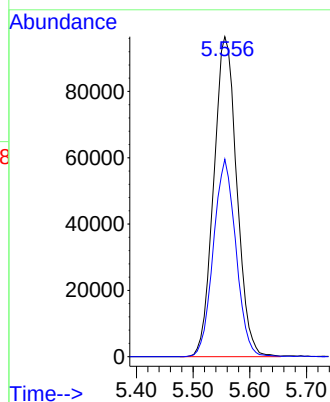
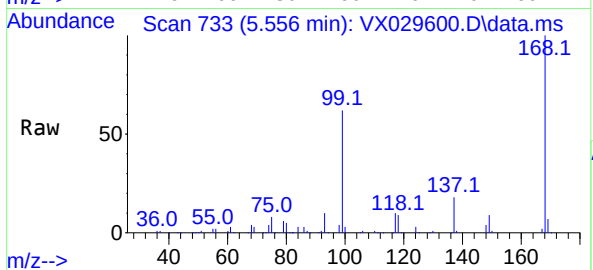




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

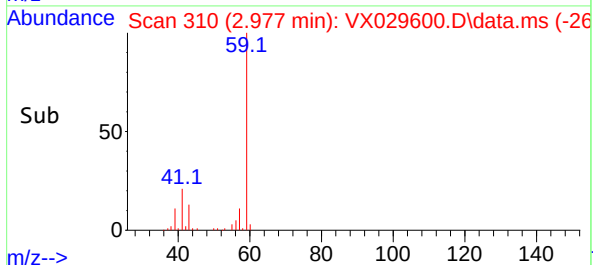
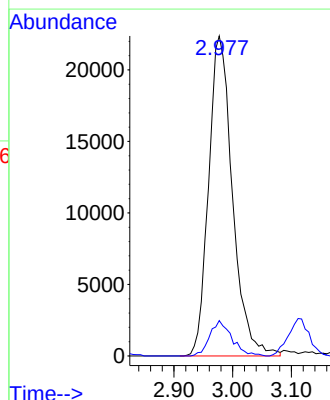
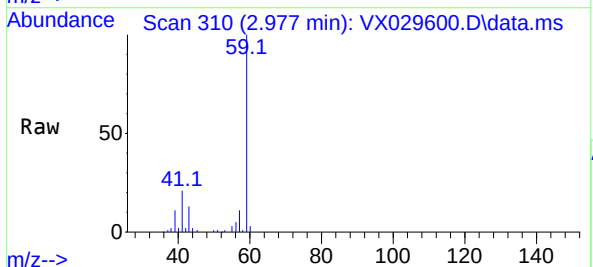
Instrument :
MSVOA_X
ClientSampleId :
SW-1

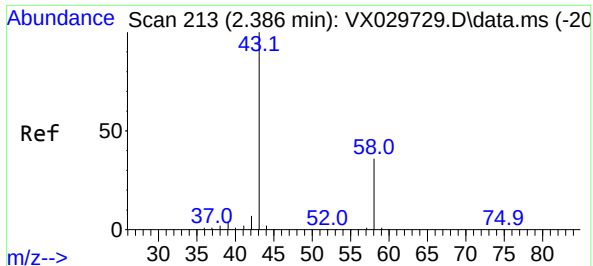
Tgt Ion:168 Resp: 272820
Ion Ratio Lower Upper
168 100
99 61.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 73.760 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion: 59 Resp: 63183
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

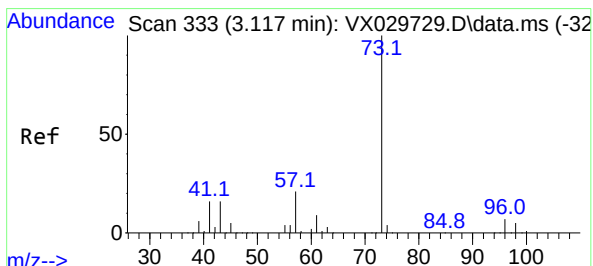
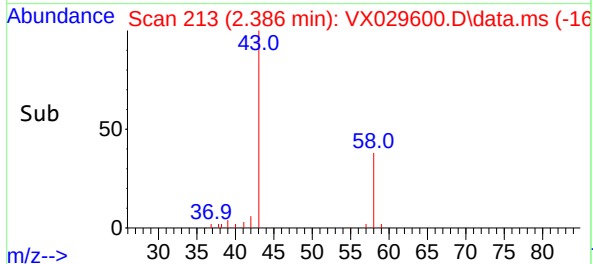
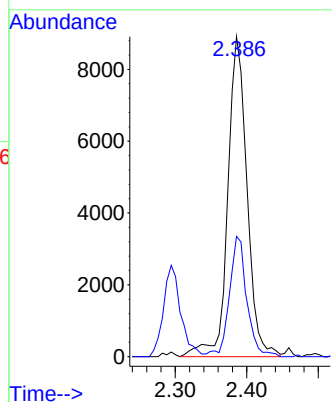
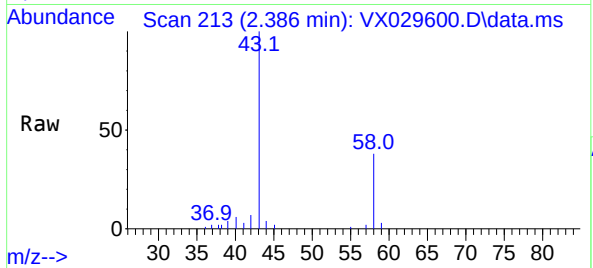




#16
Acetone
Concen: 11.599 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

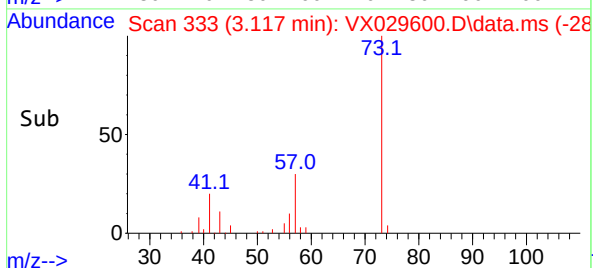
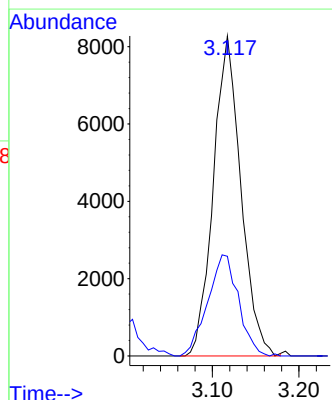
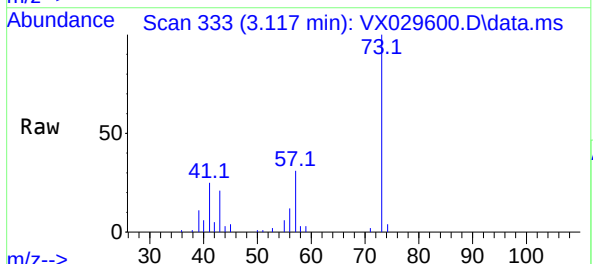
Instrument :
MSVOA_X
ClientSampleId :
SW-1

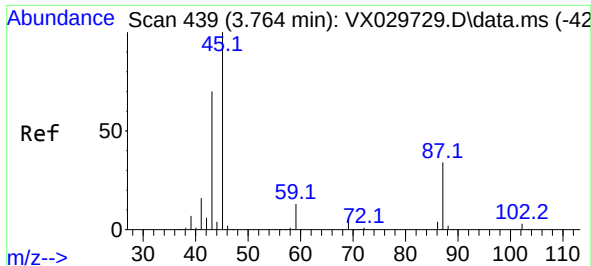
Tgt Ion: 43 Resp: 16696
Ion Ratio Lower Upper
43 100
58 37.6 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1.906 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion: 73 Resp: 18292
Ion Ratio Lower Upper
73 100
57 31.2 16.8 25.2#

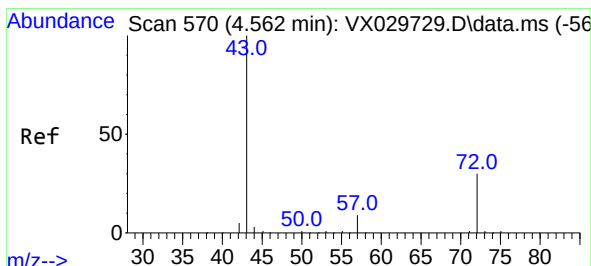
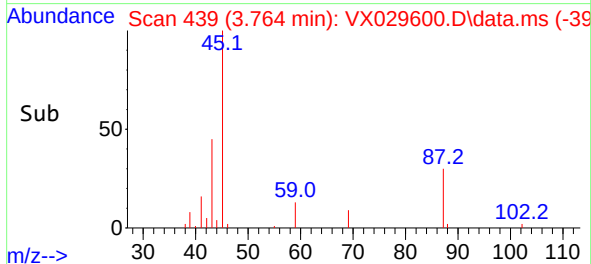
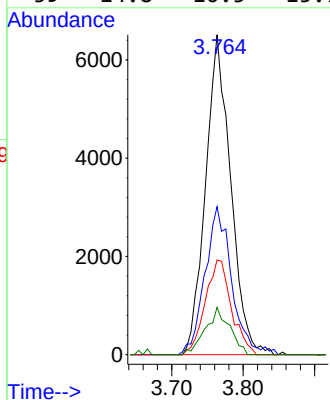
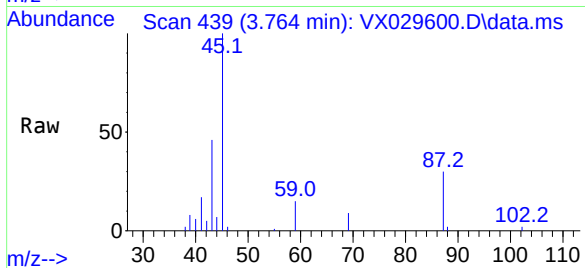




#22
Diisopropyl ether
Concen: 1.801 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.001 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

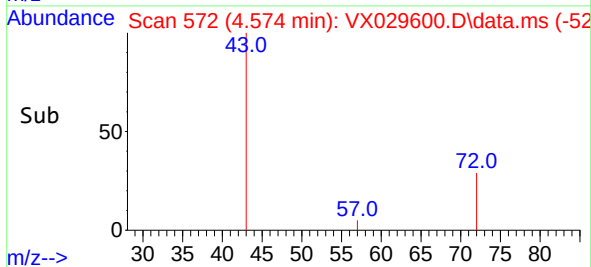
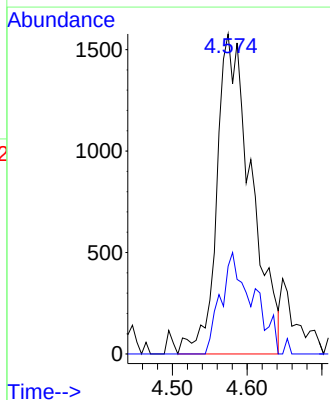
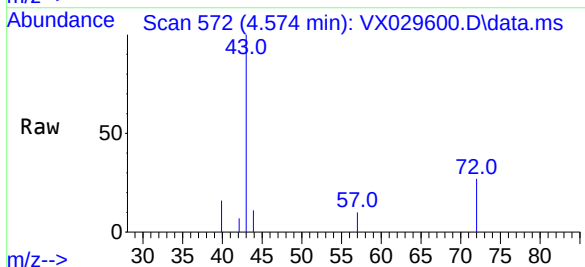
Instrument :
MSVOA_X
ClientSampleId :
SW-1

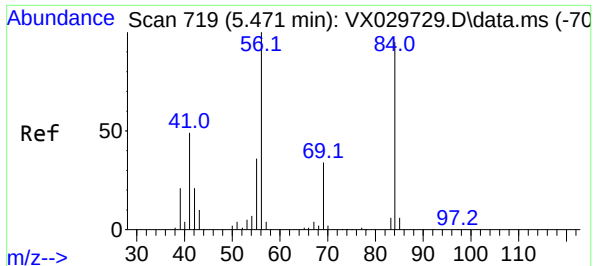
Tgt Ion:	45	Resp:	15900
Ion	Ratio	Lower	Upper
45	100		
43	46.2	50.8	76.2#
87	29.6	26.6	39.8
59	14.8	10.5	15.7



#25
2-Butanone
Concen: 2.227 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion:	43	Resp:	5067
Ion	Ratio	Lower	Upper
43	100		
72	27.4	24.4	36.6

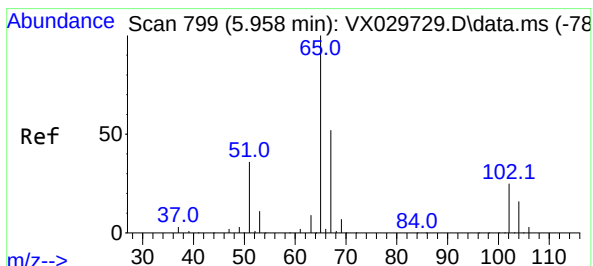
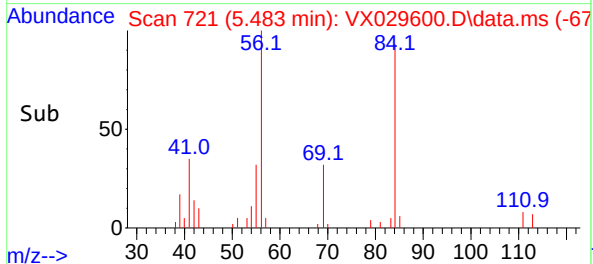
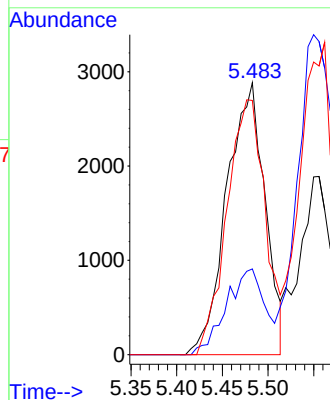
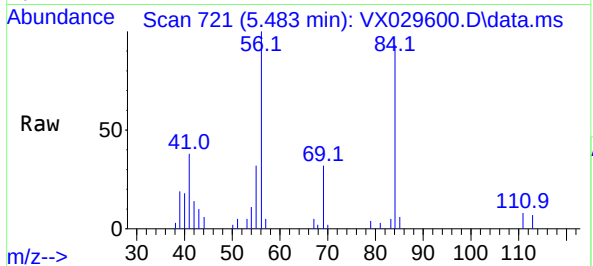




#31
Cyclohexane
Concen: 1.724 ug/l
RT: 5.483 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

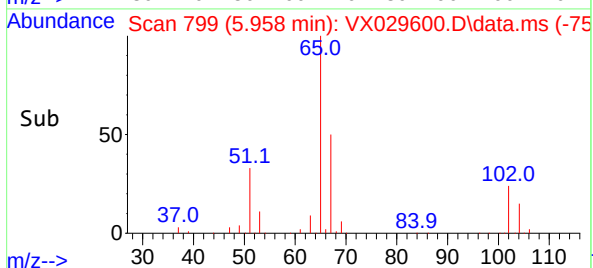
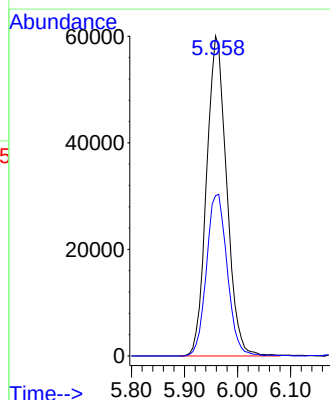
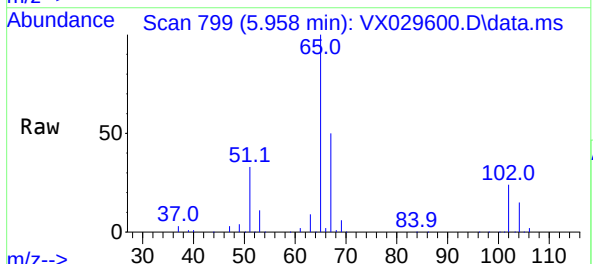
Instrument :
MSVOA_X
ClientSampleId :
SW-1

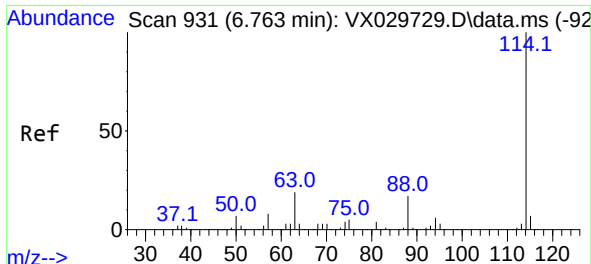
Tgt Ion: 56 Resp: 8358
Ion Ratio Lower Upper
56 100
69 31.6 26.7 40.1
84 93.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.780 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion: 65 Resp: 158107
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4

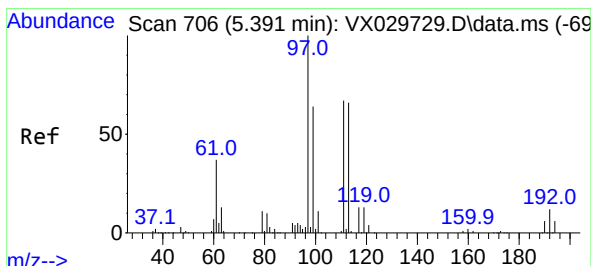
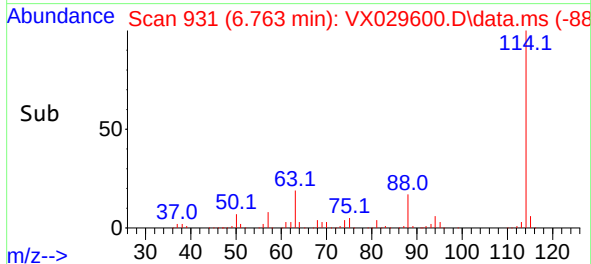
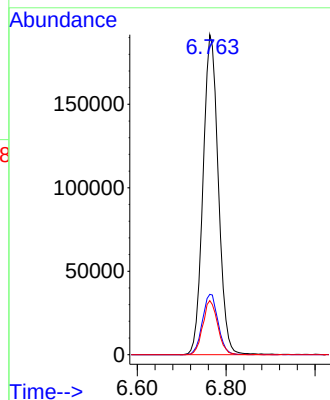
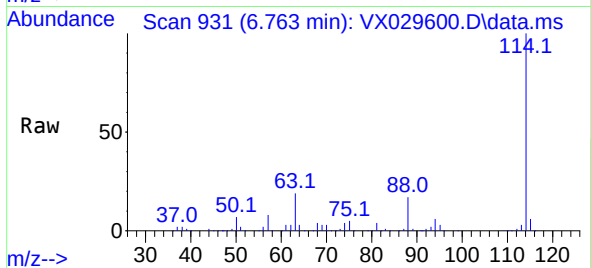




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

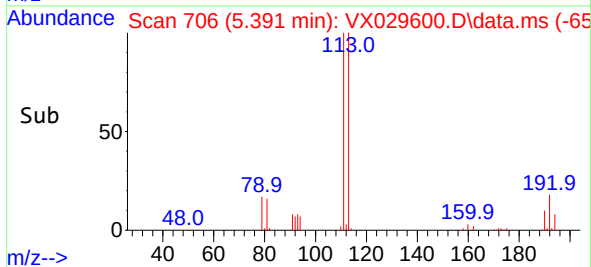
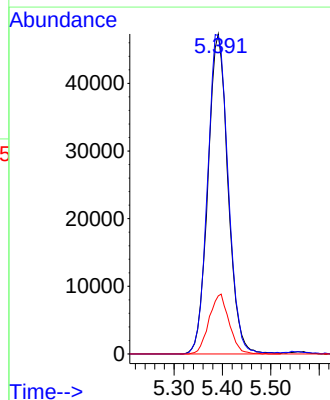
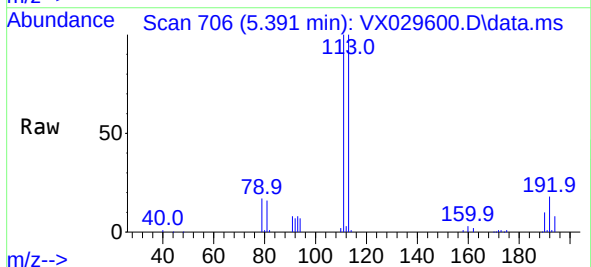
Instrument :
MSVOA_X
ClientSampleId :
SW-1

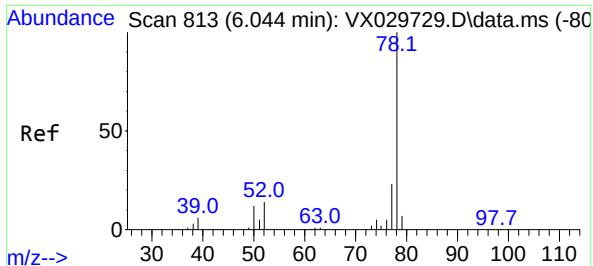
Tgt Ion:114 Resp: 459760
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.412 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion:113 Resp: 136062
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 18.6 16.9 25.3

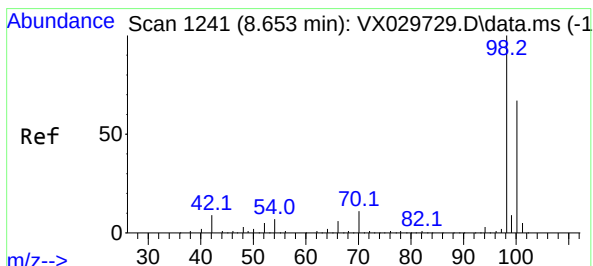
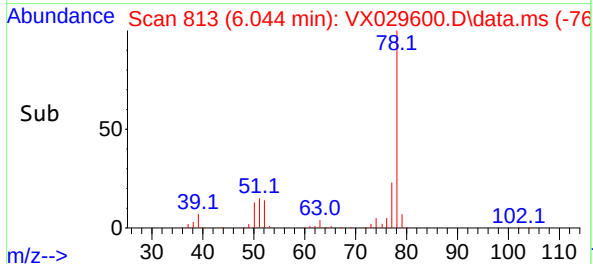
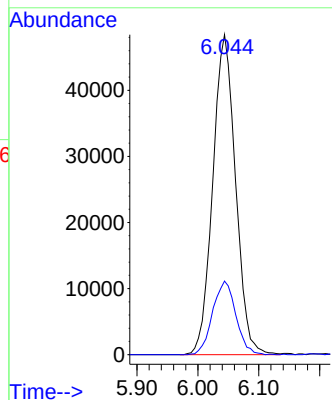
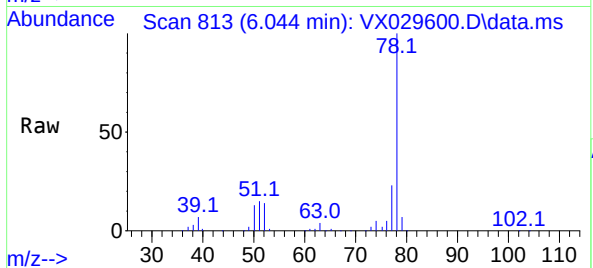




#40
Benzene
Concen: 10.470 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

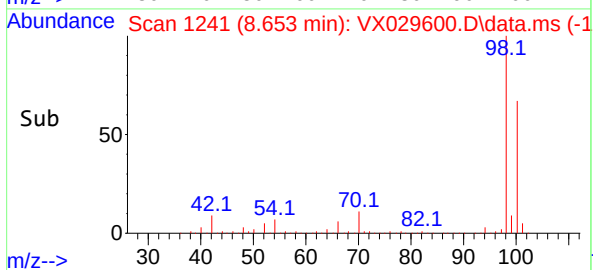
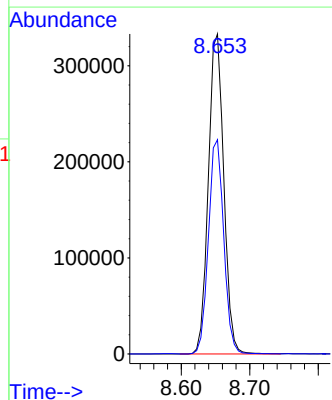
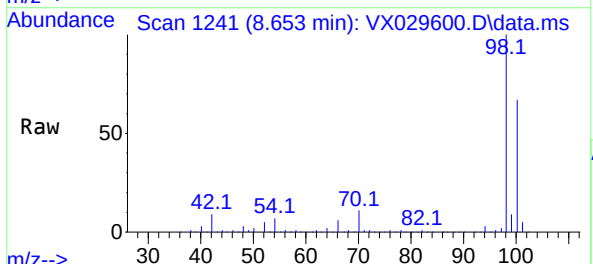
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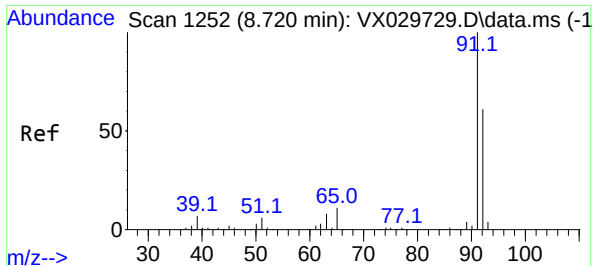
Tgt Ion: 78 Resp: 125852
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9



#50
Toluene-d8
Concen: 47.780 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion: 98 Resp: 522980
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8





#52

Toluene

Concen: 2.480 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX029600.D

Acq: 19 Jun 2022 03:50

Instrument :

MSVOA_X

ClientSampleId :

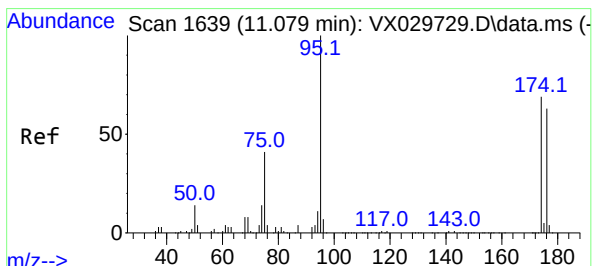
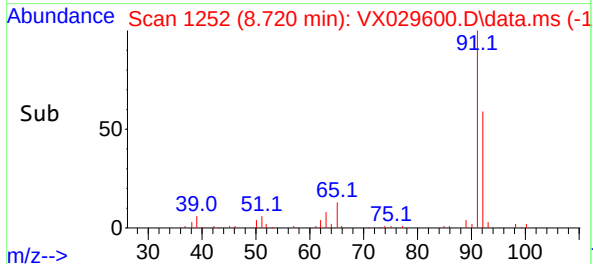
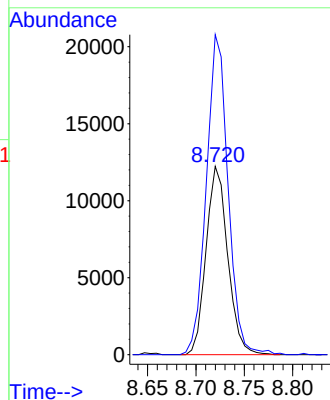
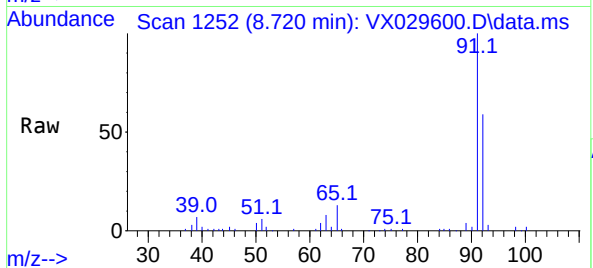
SW-1

Tgt Ion: 92 Resp: 19087

Ion Ratio Lower Upper

92 100

91 170.6 137.5 206.3



#62

4-Bromofluorobenzene

Concen: 45.814 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029600.D

Acq: 19 Jun 2022 03:50

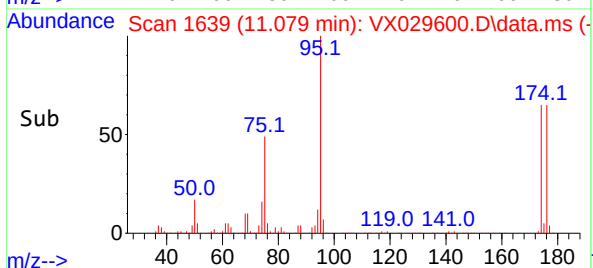
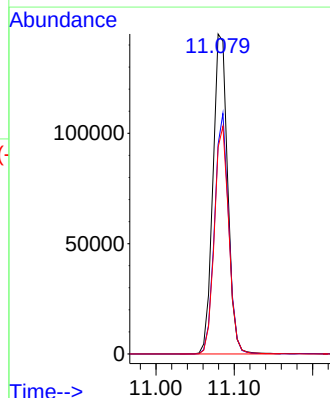
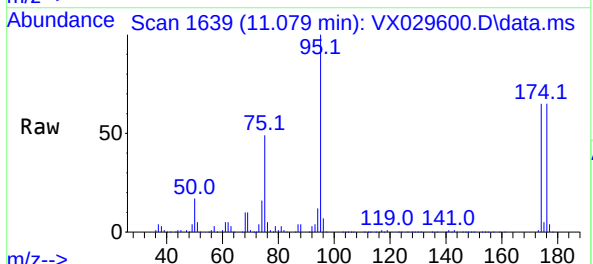
Tgt Ion: 95 Resp: 189107

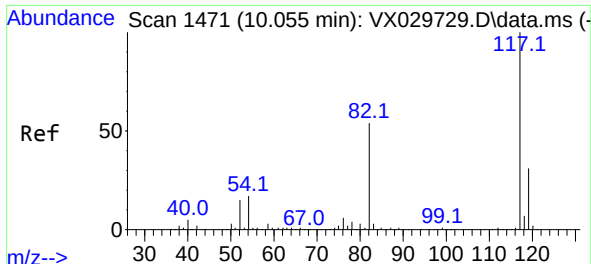
Ion Ratio Lower Upper

95 100

174 72.0 0.0 163.0

176 69.7 0.0 155.0

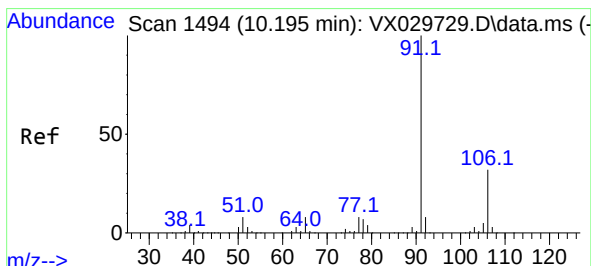
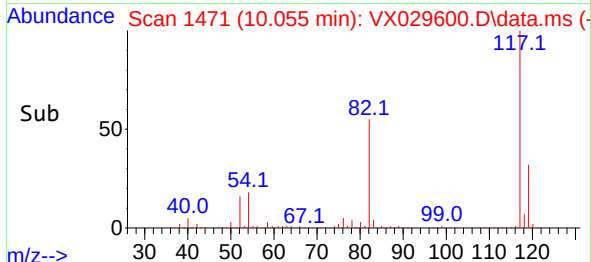
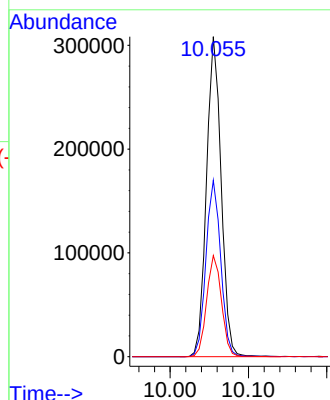
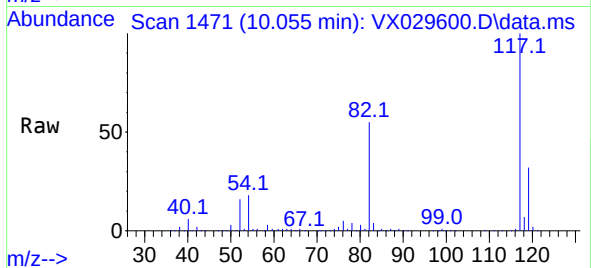




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

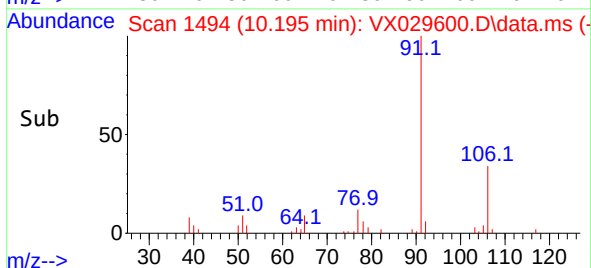
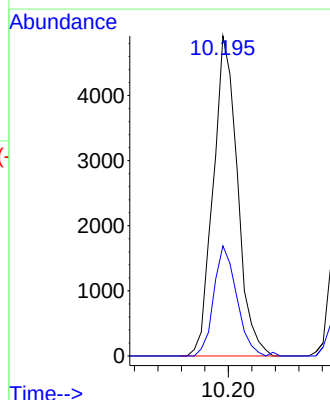
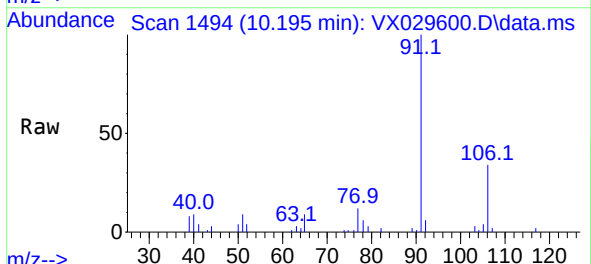
Instrument :
MSVOA_X
ClientSampleId :
SW-1

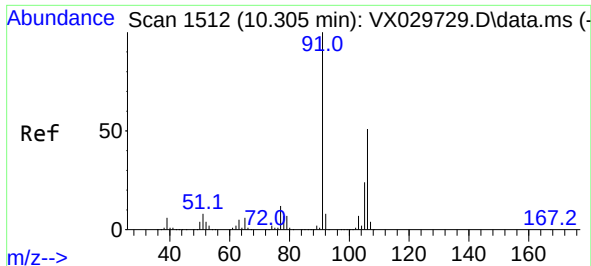
Tgt Ion:117 Resp: 399840
Ion Ratio Lower Upper
117 100
82 55.1 41.8 62.8
119 31.6 24.8 37.2



#67
Ethyl Benzene
Concen: 0.499 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion: 91 Resp: 7038
Ion Ratio Lower Upper
91 100
106 34.4 24.6 36.8

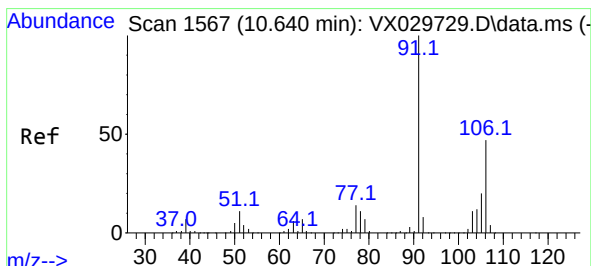
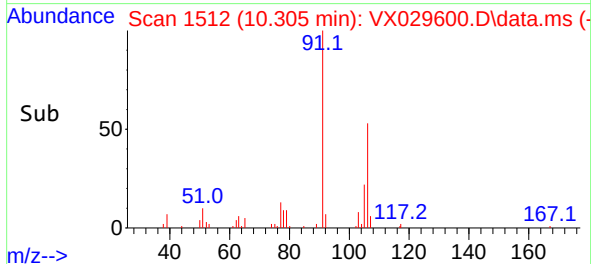
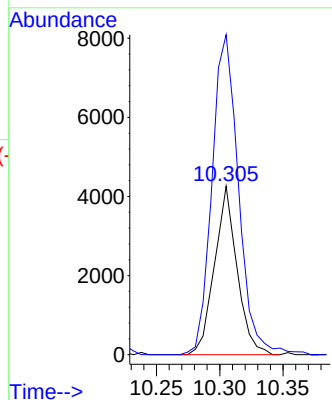
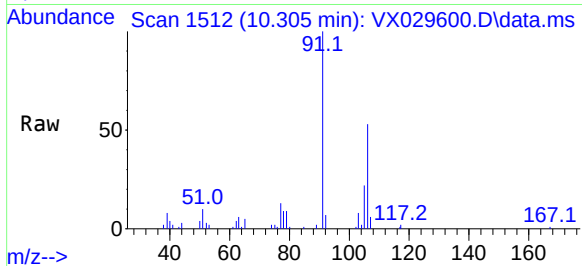




#68
m/p-Xylenes
Concen: 0.959 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

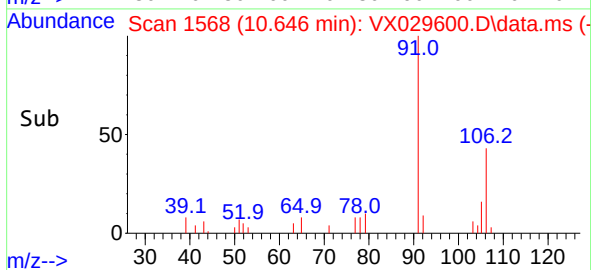
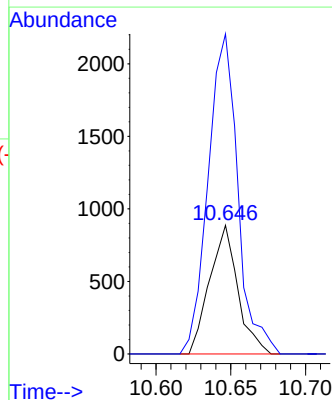
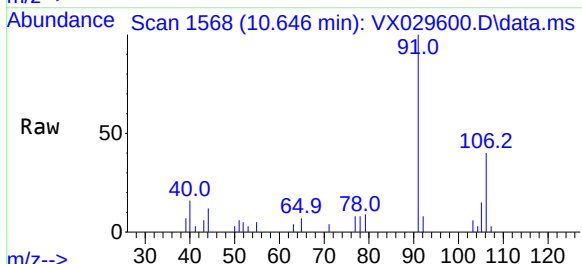
Instrument :
MSVOA_X
ClientSampleId :
SW-1

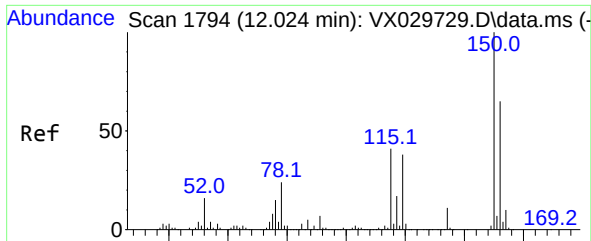
Tgt Ion:106 Resp: 5281
Ion Ratio Lower Upper
106 100
91 223.7 160.4 240.6



#69
o-Xylene
Concen: 0.214 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

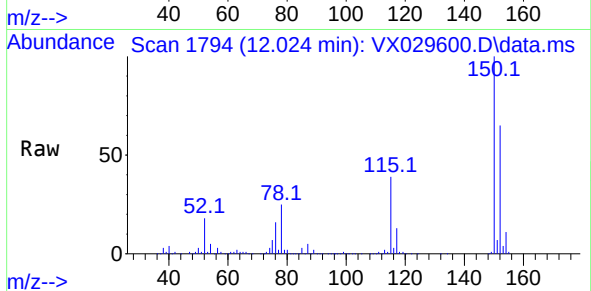
Tgt Ion:106 Resp: 1163
Ion Ratio Lower Upper
106 100
91 261.8 106.1 318.1



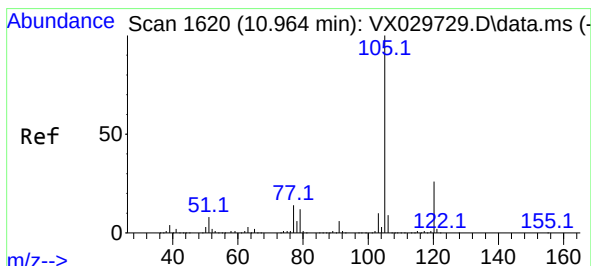
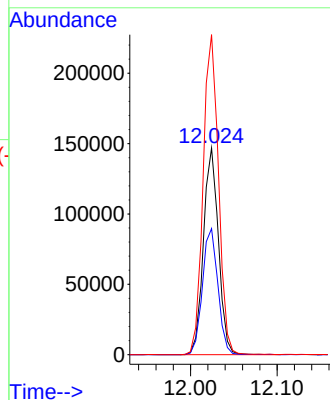
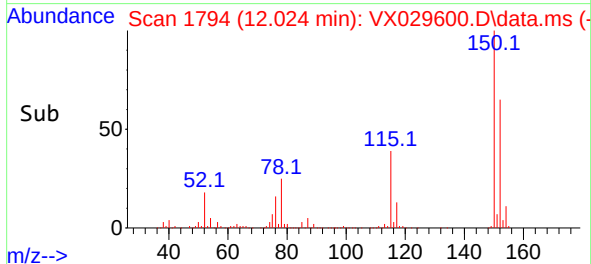


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Instrument :
MSVOA_X
ClientSampleId :
SW-1

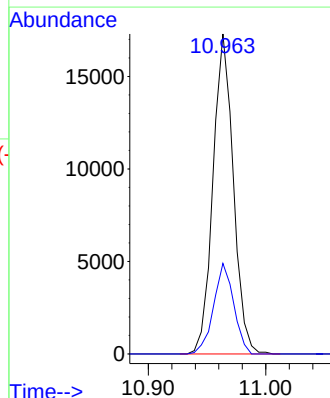
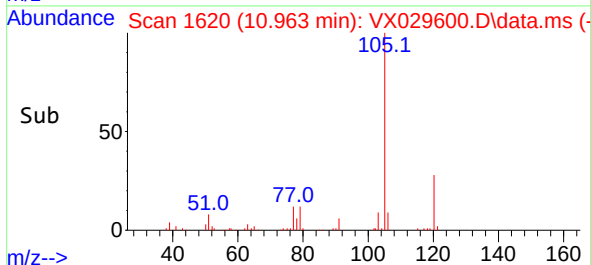
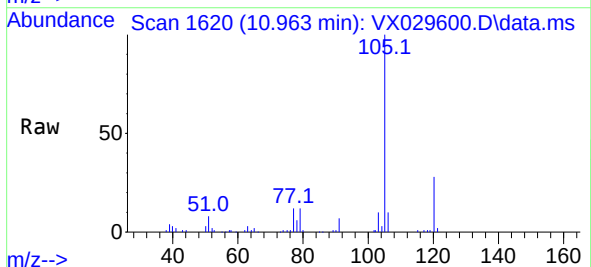


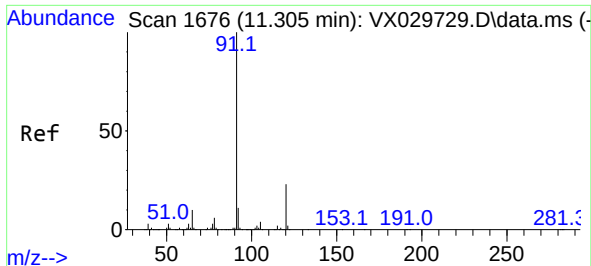
Tgt Ion:152 Resp: 176608
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 158.3 0.0 338.2



#73
Isopropylbenzene
Concen: 1.572 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion:105 Resp: 20817
Ion Ratio Lower Upper
105 100
120 28.0 13.5 40.5

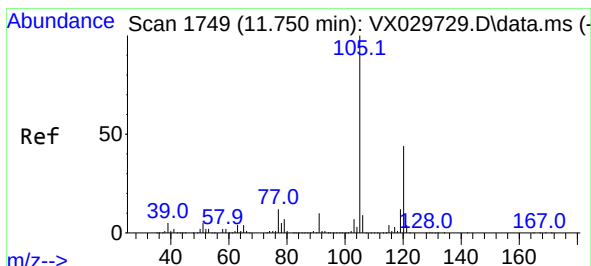
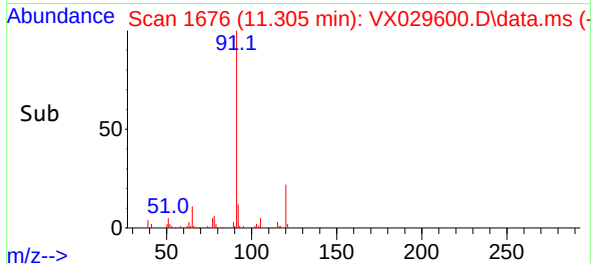
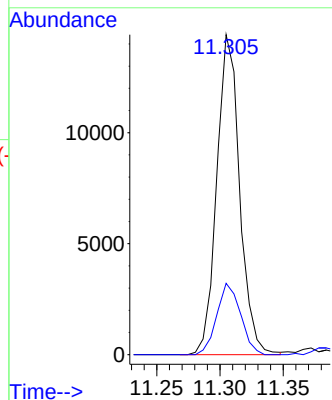
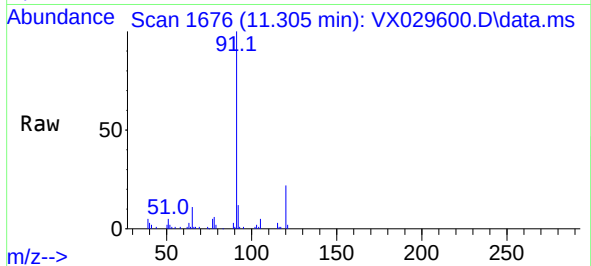




#78
n-propylbenzene
Concen: 1.213 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

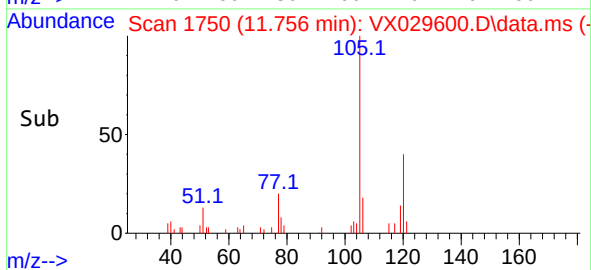
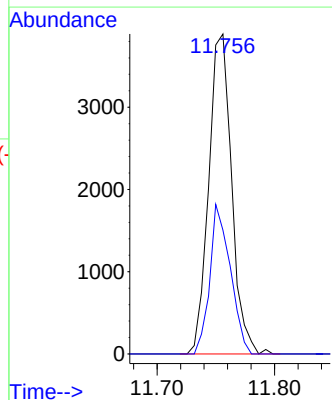
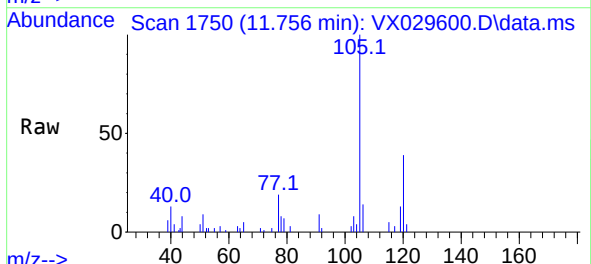
Instrument :
MSVOA_X
ClientSampleId :
SW-1

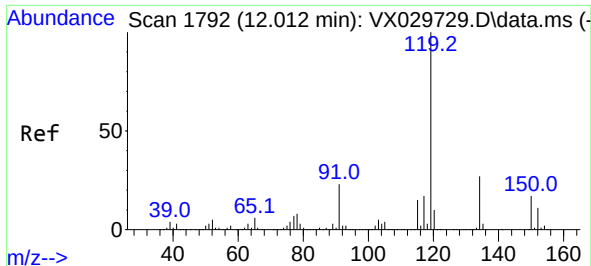
Tgt Ion: 91 Resp: 18094
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 0.474 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion: 105 Resp: 5272
Ion Ratio Lower Upper
105 100
120 41.7 22.6 67.8

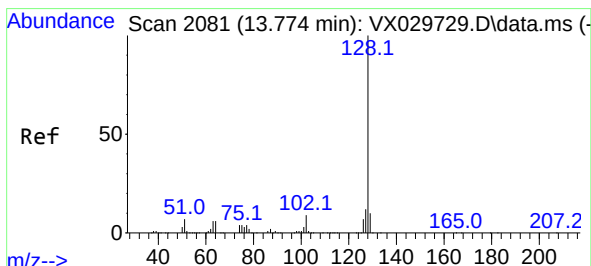
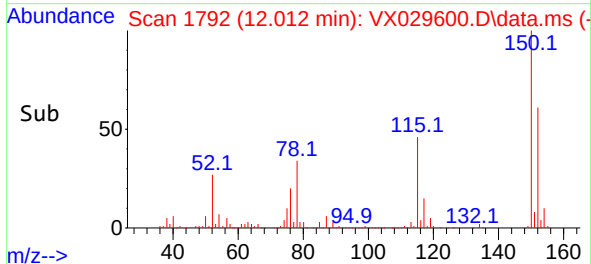
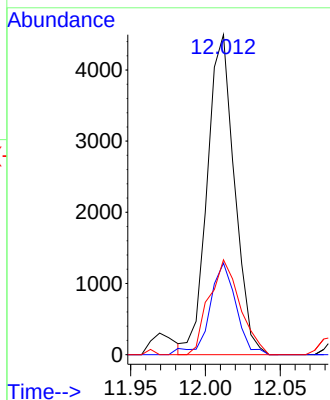
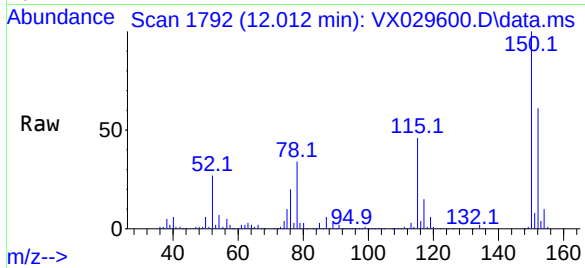




#86
p-Isopropyltoluene
Concen: 0.504 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Instrument :
MSVOA_X
ClientSampleId :
SW-1

Tgt Ion:119 Resp: 5690
Ion Ratio Lower Upper
119 100
134 27.5 13.0 39.0
91 33.7 11.3 33.9



#95
Naphthalene
Concen: 0.476 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029600.D
Acq: 19 Jun 2022 03:50

Tgt Ion:128 Resp: 5894
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 11.7 8.7 13.1

