

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029883.D
 Acq On : 30 Jun 2022 00:57
 Operator : JC/MD
 Sample : N3481-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12

Quant Time: Jun 30 06:25:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

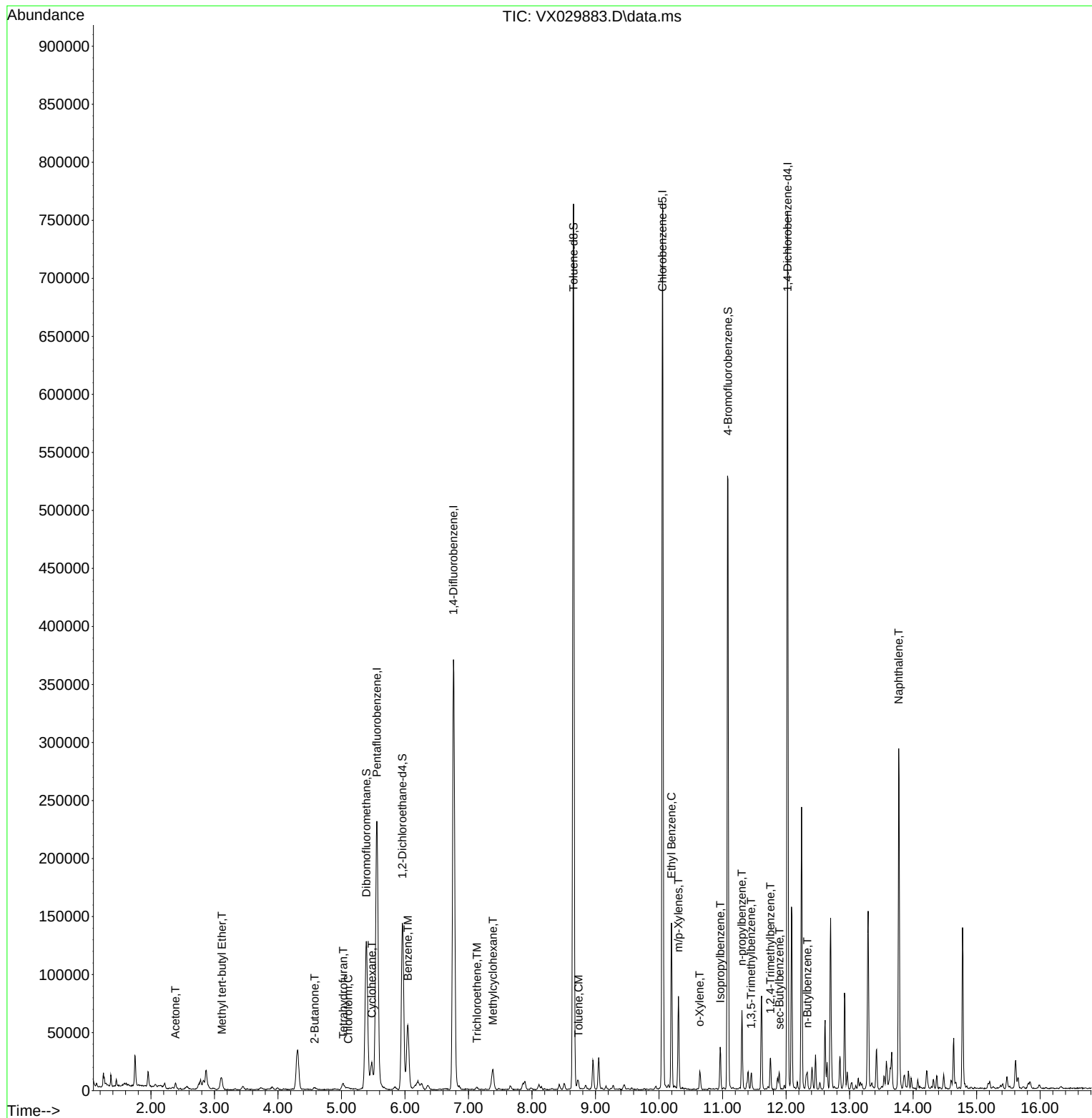
Internal Standards						
1) Pentafluorobenzene	5.556	168	230620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401503	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	345861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	128266	43.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.880%		
35) Dibromofluoromethane	5.391	113	114004	45.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.860%		
50) Toluene-d8	8.653	98	456585	48.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.020%		
62) 4-Bromofluorobenzene	11.085	95	154942	46.565	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.140%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	5710	3.998	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	3680	0.459	ug/l #	1
25) 2-Butanone	4.574	43	3091	1.247	ug/l	95
29) Tetrahydrofuran	5.026	42	5209	3.193	ug/l	95
30) Chloroform	5.105	83	1952	0.426	ug/l #	64
31) Cyclohexane	5.477	56	15285	3.755	ug/l	97
39) Methylcyclohexane	7.385	83	7935	1.967	ug/l	92
40) Benzene	6.044	78	68649	6.362	ug/l	99
44) Trichloroethene	7.135	130	866	0.298	ug/l	78
52) Toluene	8.732	92	3095	0.475	ug/l	99
67) Ethyl Benzene	10.195	91	79875	6.614	ug/l	100
68) m/p-Xylenes	10.305	106	18523	3.999	ug/l	93
69) o-Xylene	10.640	106	3669	0.782	ug/l	91
73) Isopropylbenzene	10.963	105	17572	1.607	ug/l	98
78) n-propylbenzene	11.305	91	39691	3.077	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	6320	0.696	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	11635	1.279	ug/l	95
85) sec-Butylbenzene	11.896	105	7749	0.683	ug/l	98
89) n-Butylbenzene	12.335	91	6610	0.777	ug/l #	85
95) Naphthalene	13.774	128	180851	14.815	ug/l	99

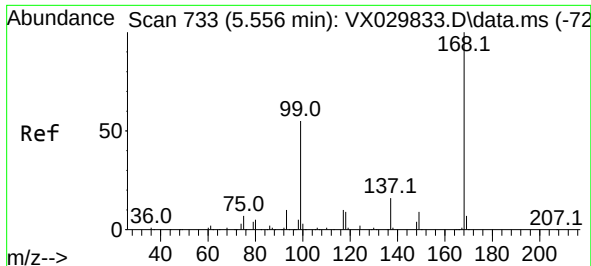
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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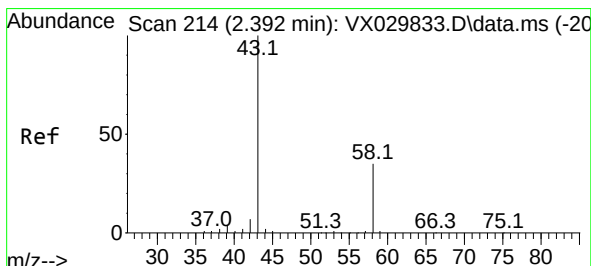
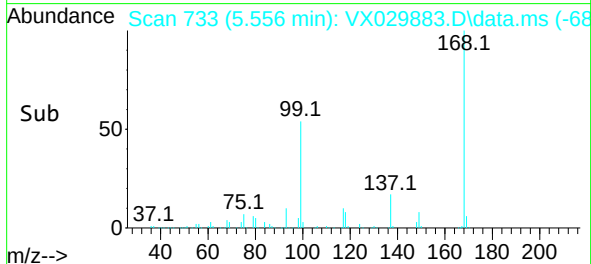
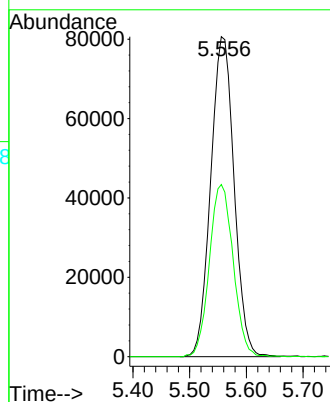
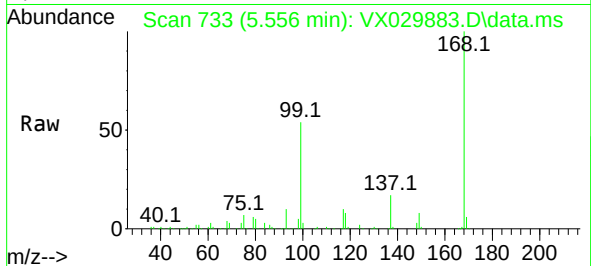




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

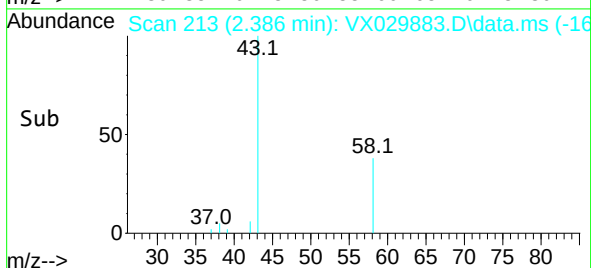
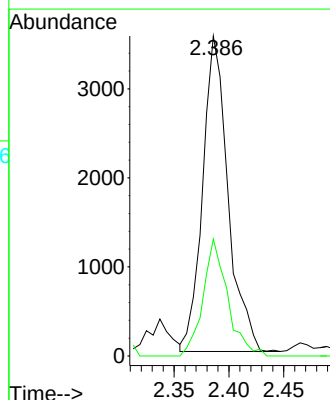
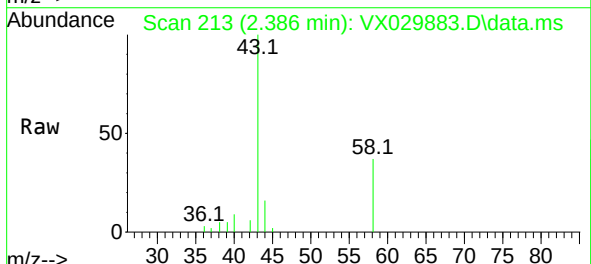
Instrument :
MSVOA_X
ClientSampleId :
MW-12

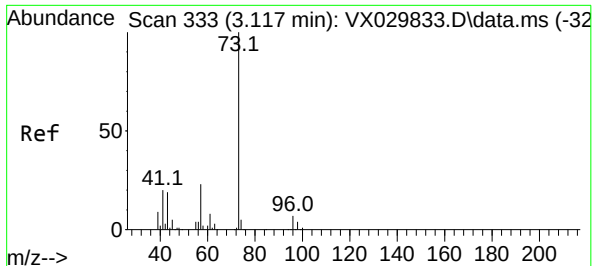
Tgt Ion:168 Resp: 230620
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#16
Acetone
Concen: 3.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 43 Resp: 5710
Ion Ratio Lower Upper
43 100
58 37.1 27.7 41.5

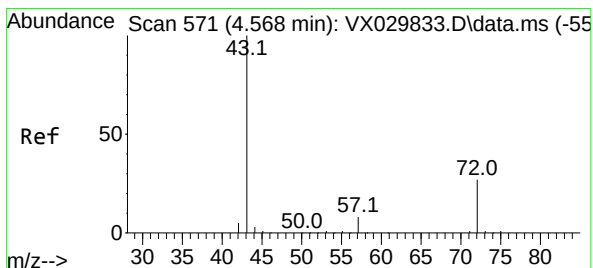
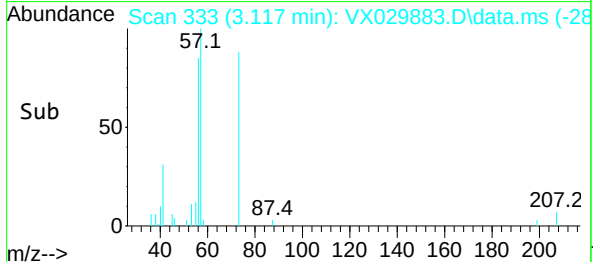
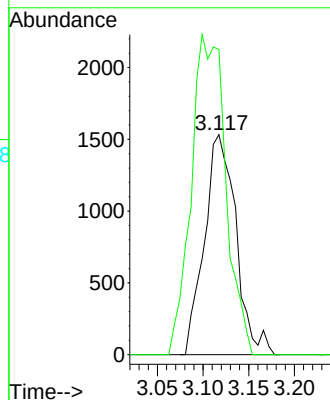
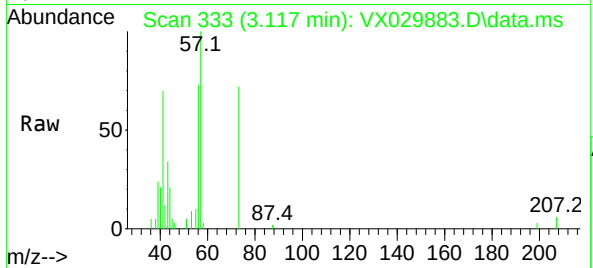




#19
Methyl tert-butyl Ether
Concen: 0.459 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

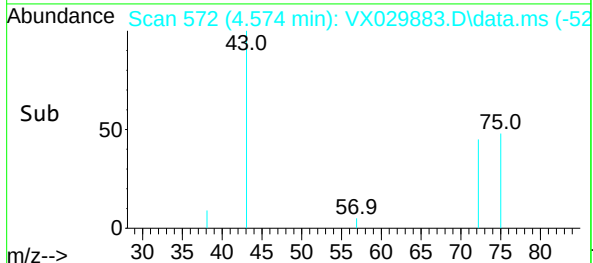
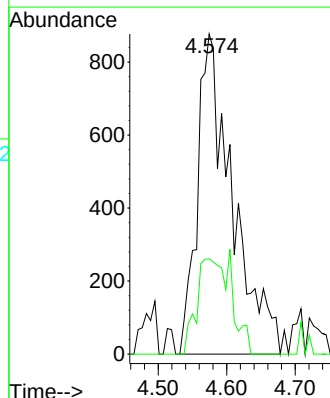
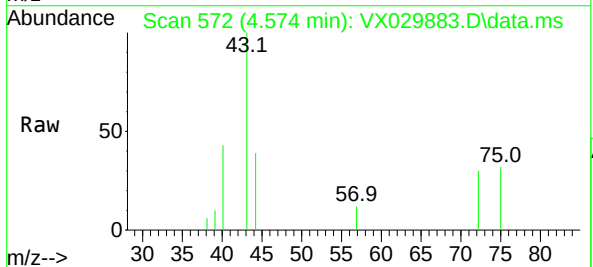
Instrument :
MSVOA_X
ClientSampleId :
MW-12

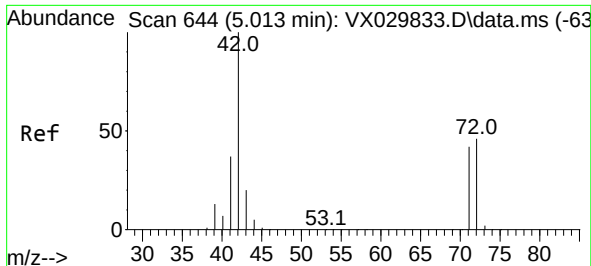
Tgt Ion: 73 Resp: 3680
Ion Ratio Lower Upper
73 100
57 138.7 19.0 28.6#



#25
2-Butanone
Concen: 1.247 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 43 Resp: 3091
Ion Ratio Lower Upper
43 100
72 29.8 21.7 32.5





#29

Tetrahydrofuran

Concen: 3.193 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX029883.D

Acq: 30 Jun 2022 00:57

Instrument :

MSVOA_X

ClientSampleId :

MW-12

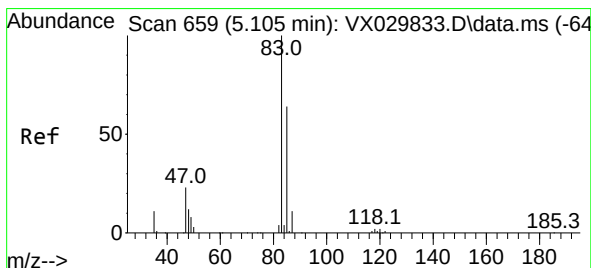
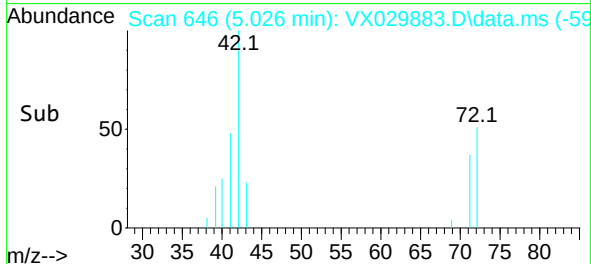
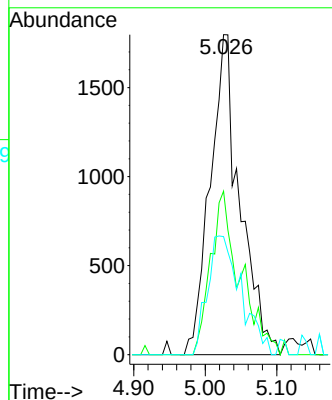
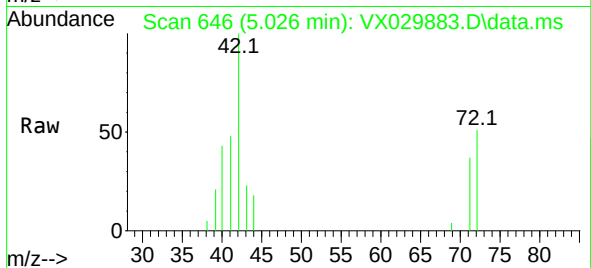
Tgt Ion: 42 Resp: 5209

Ion Ratio Lower Upper

42 100

72 50.5 36.5 54.7

71 41.5 33.9 50.9



#30

Chloroform

Concen: 0.426 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX029883.D

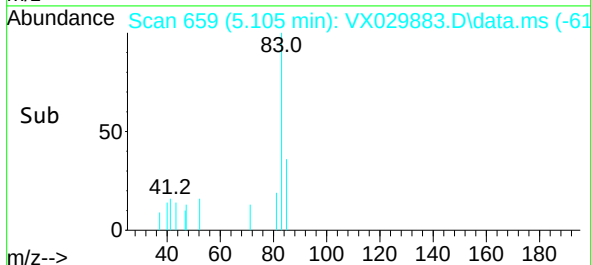
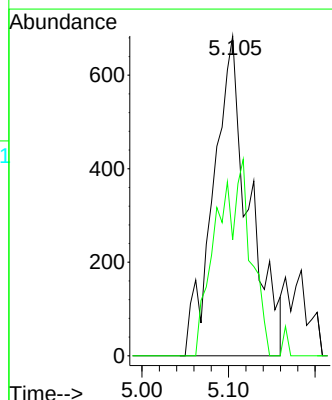
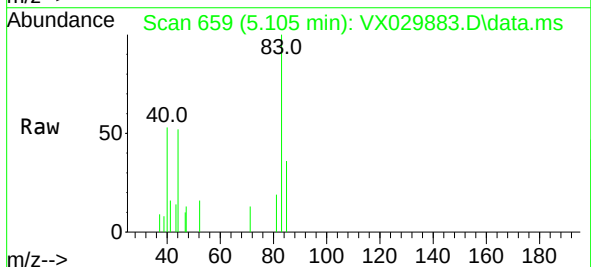
Acq: 30 Jun 2022 00:57

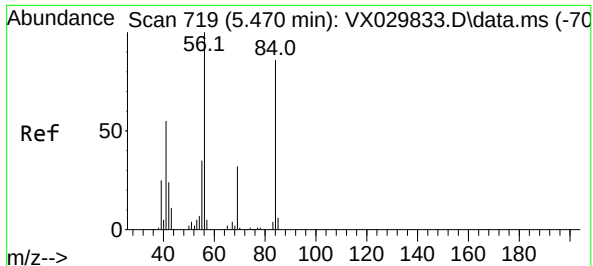
Tgt Ion: 83 Resp: 1952

Ion Ratio Lower Upper

83 100

85 36.3 51.5 77.3#

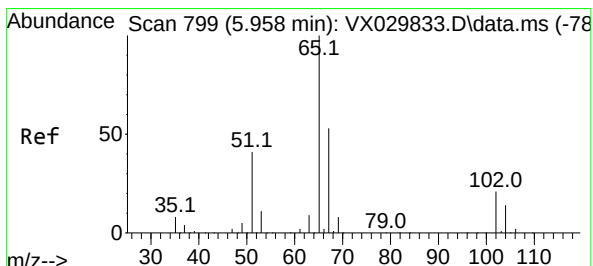
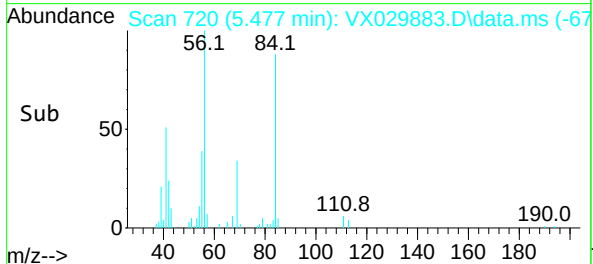
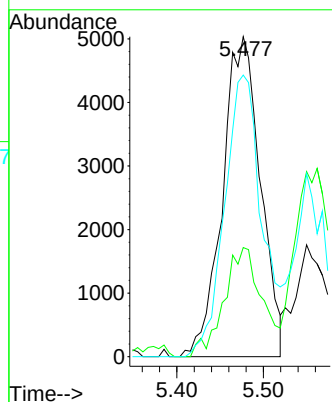
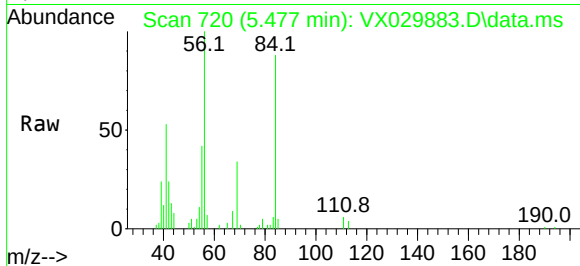




#31
Cyclohexane
Concen: 3.755 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX029833.D
Acq: 30 Jun 2022 00:57

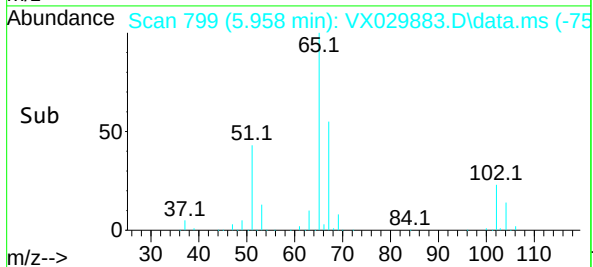
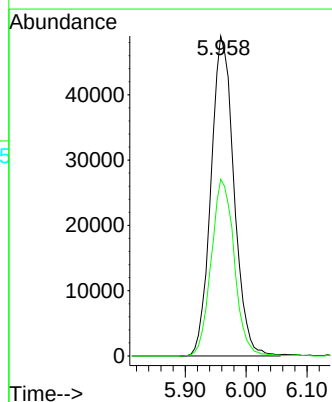
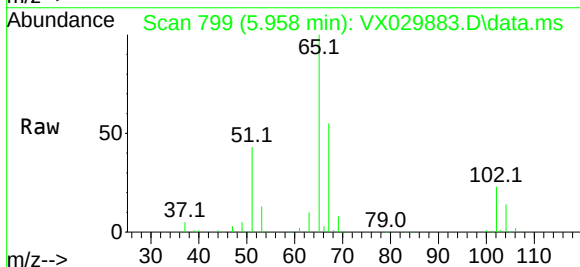
Instrument :
MSVOA_X
ClientSampleId :
MW-12

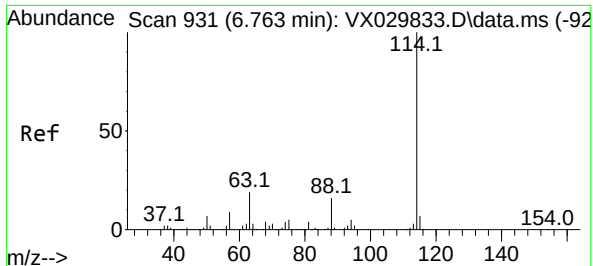
Tgt Ion: 56 Resp: 15285
Ion Ratio Lower Upper
56 100
69 34.1 25.4 38.0
84 88.0 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 43.938 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029833.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 65 Resp: 128266
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX029883.D

Acq: 30 Jun 2022 00:57

Instrument :

MSVOA_X

ClientSampleId :

MW-12

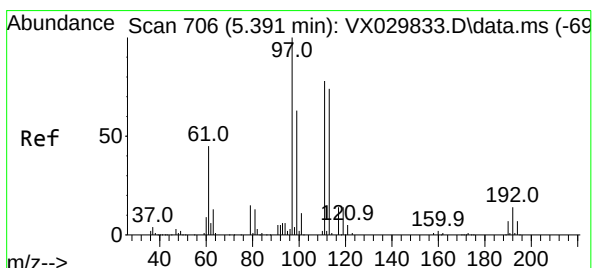
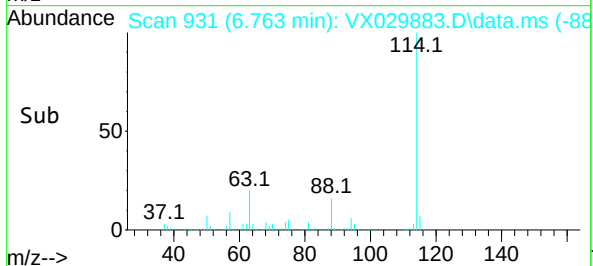
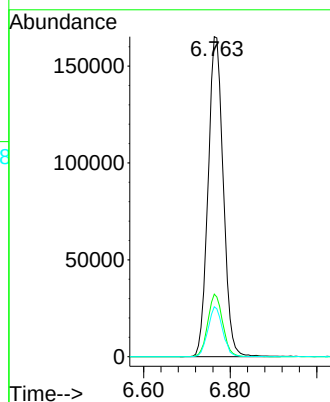
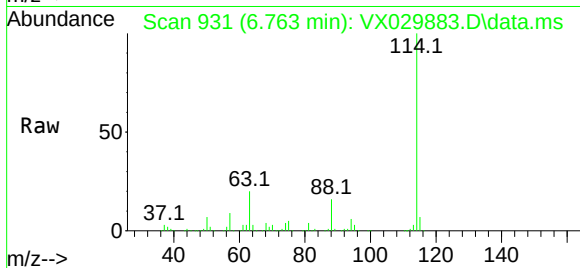
Tgt Ion:114 Resp: 401503

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.435 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029883.D

Acq: 30 Jun 2022 00:57

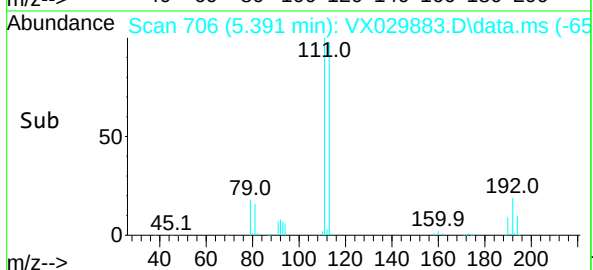
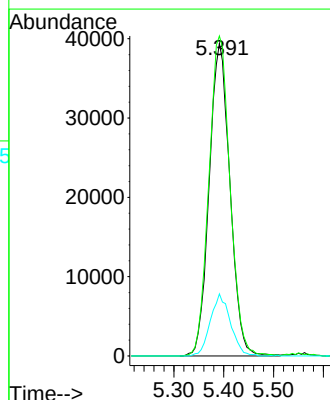
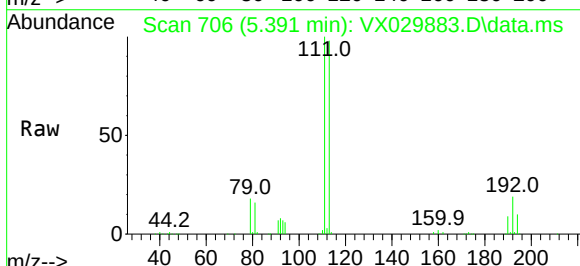
Tgt Ion:113 Resp: 114004

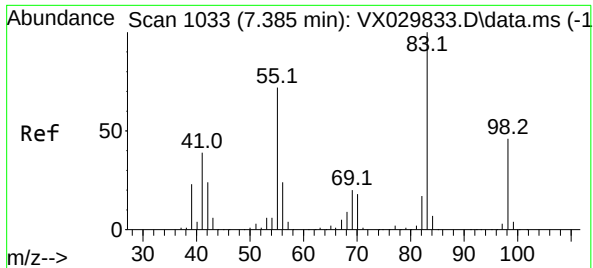
Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

192 19.2 14.8 22.2

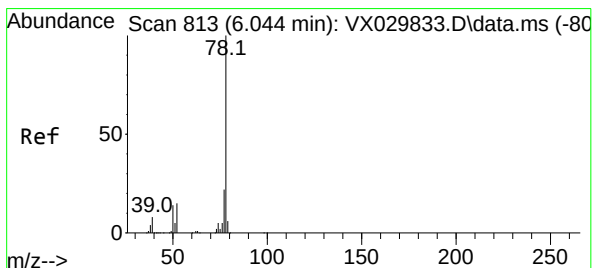
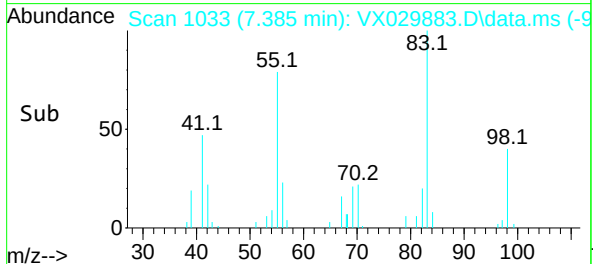
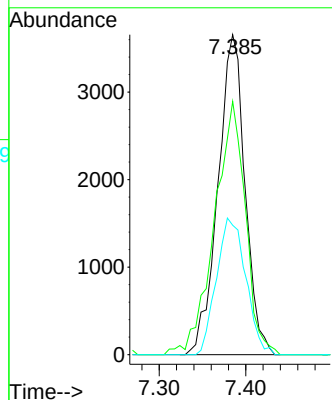
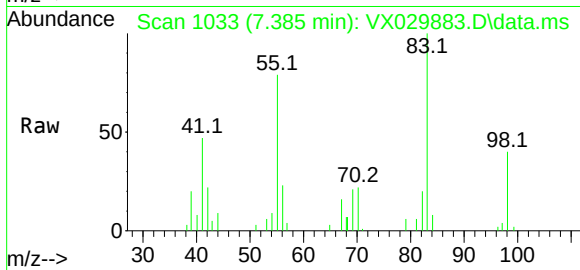




#39
Methylcyclohexane
Concen: 1.967 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

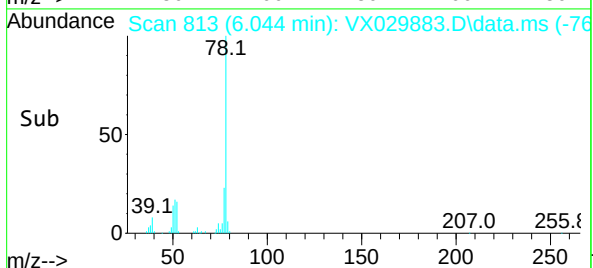
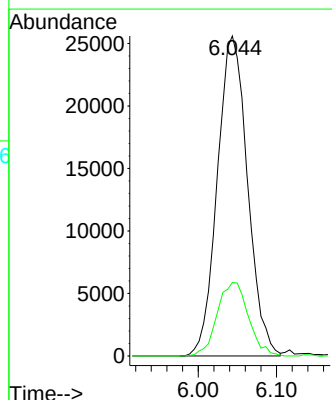
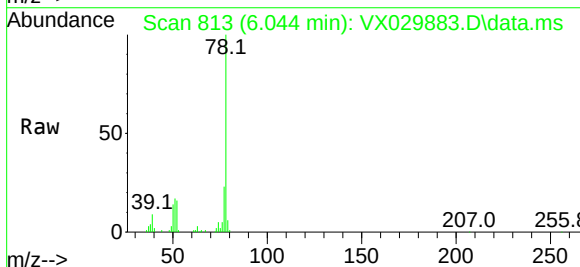
Instrument :
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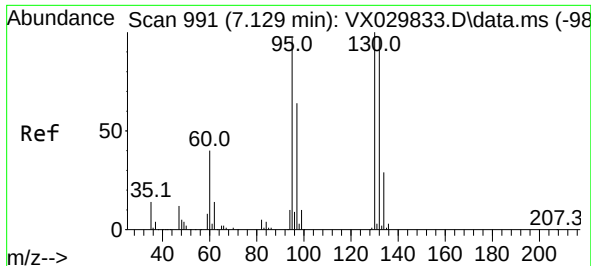
Tgt Ion: 83	Resp: 7935
Ion Ratio	Lower Upper
83 100	
55 79.1	57.7 86.5
98 40.5	36.5 54.7



#40
Benzene
Concen: 6.362 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 78	Resp: 68649
Ion Ratio	Lower Upper
78 100	
77 22.9	18.0 27.0

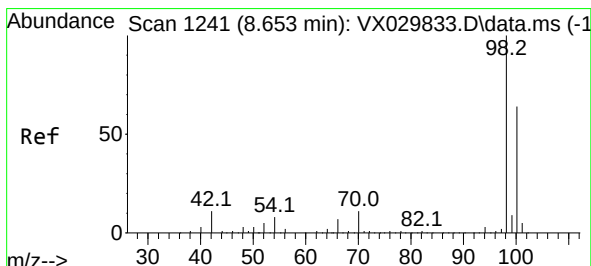
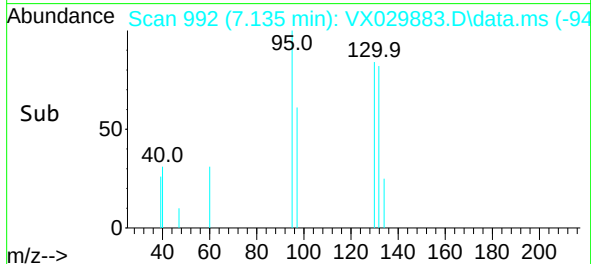
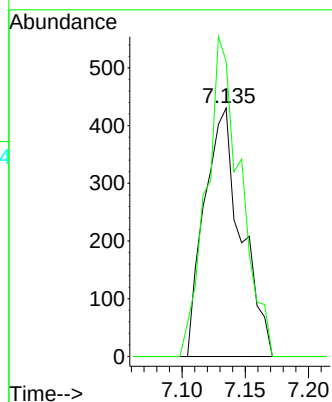
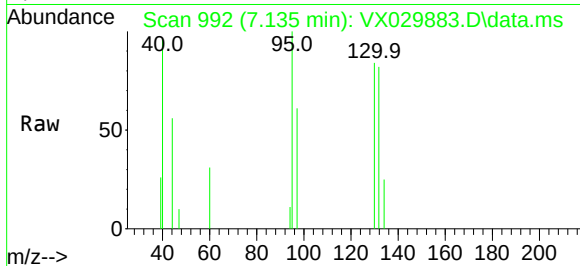




#44
 Trichloroethene
 Concen: 0.298 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX029883.D
 Acq: 30 Jun 2022 00:57

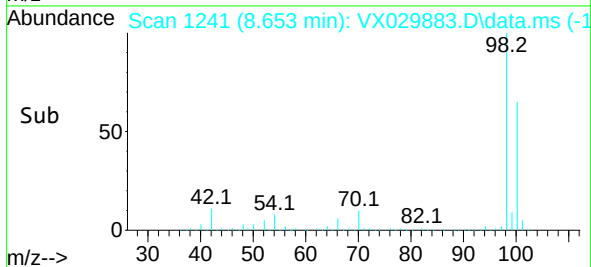
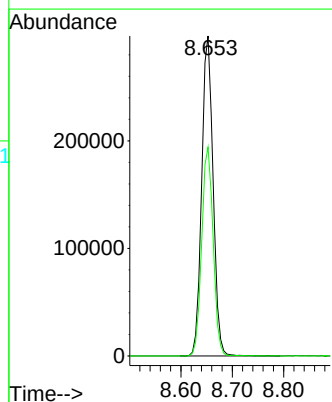
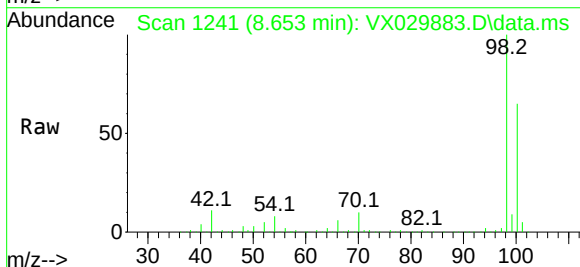
Instrument :
 MSVOA_X
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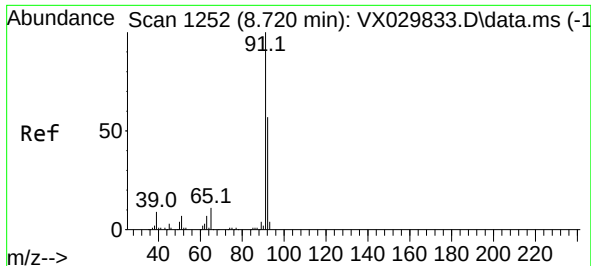
Tgt Ion:130 Resp: 866
 Ion Ratio Lower Upper
 130 100
 95 119.1 0.0 194.8



#50
 Toluene-d8
 Concen: 48.505 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX029883.D
 Acq: 30 Jun 2022 00:57

Tgt Ion: 98 Resp: 456585
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.3 78.5

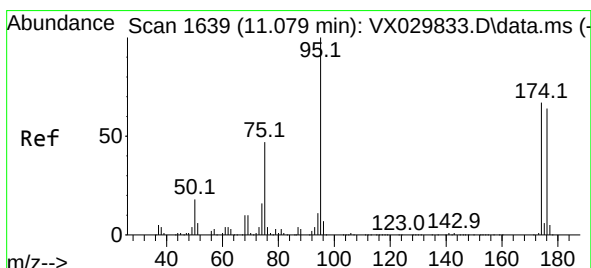
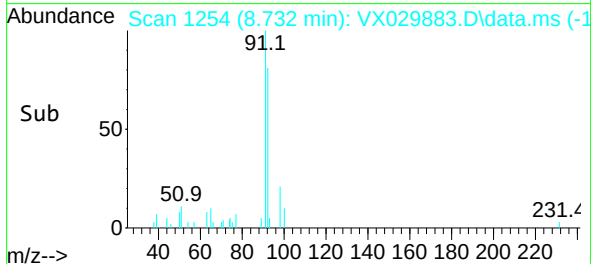
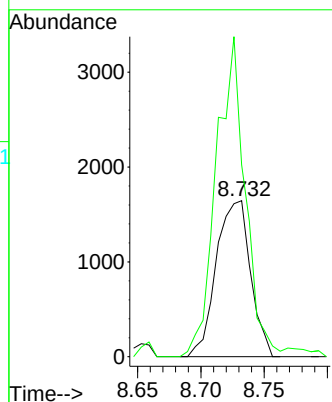
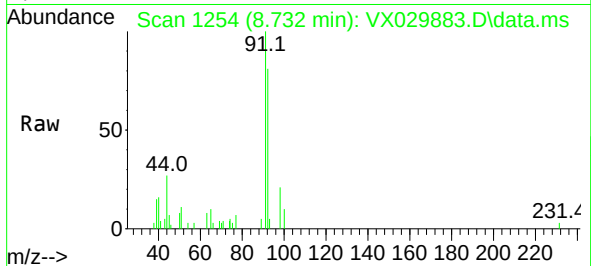




#52
Toluene
Concen: 0.475 ug/l
RT: 8.732 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

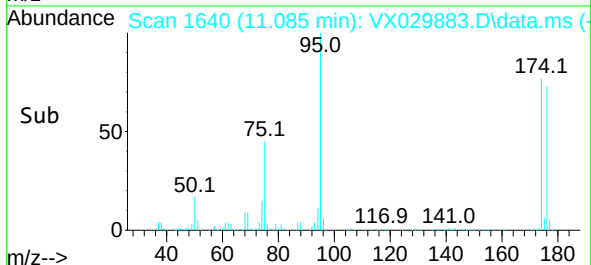
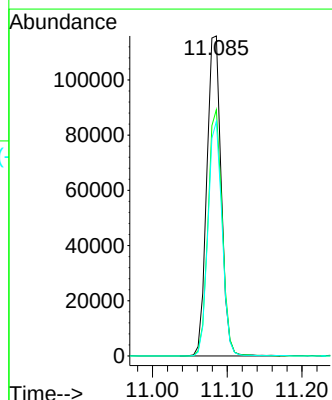
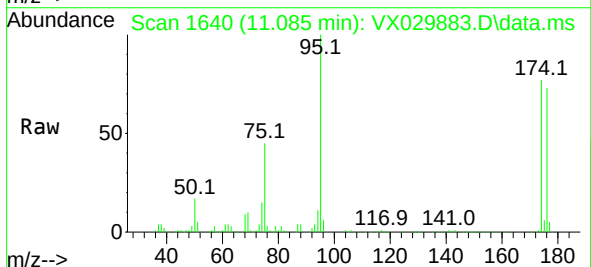
Instrument :
MSVOA_X
ClientSampleId :
MW-12

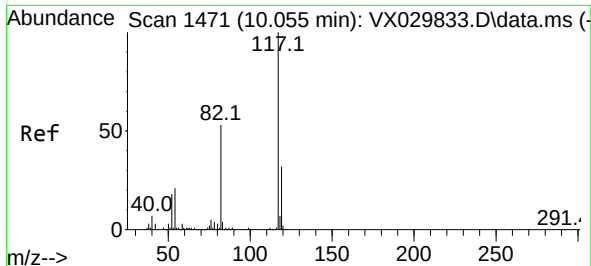
Tgt Ion: 92 Resp: 3095
Ion Ratio Lower Upper
92 100
91 173.2 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 46.565 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 95 Resp: 154942
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.0
176 71.4 0.0 146.0

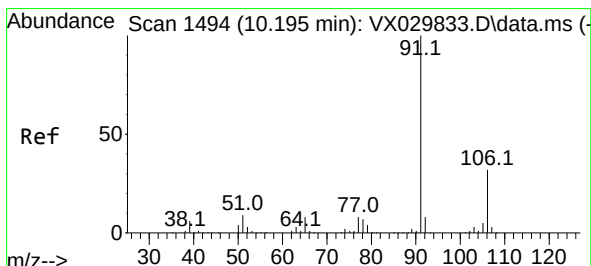
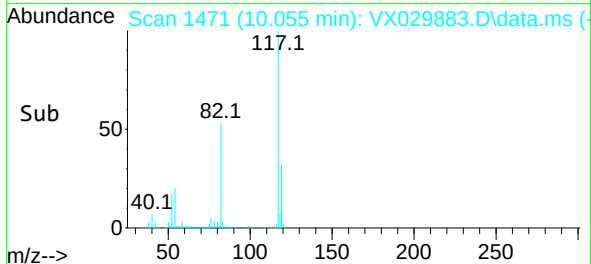
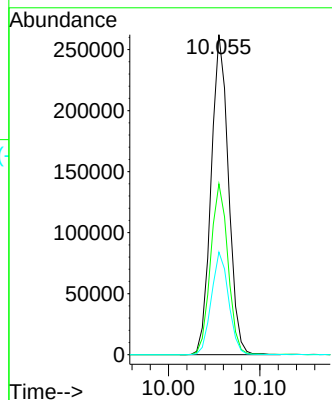
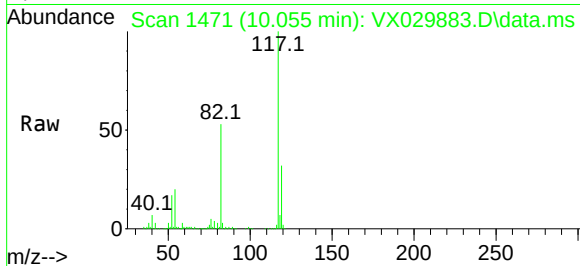




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

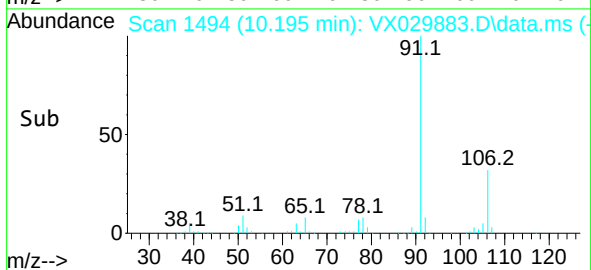
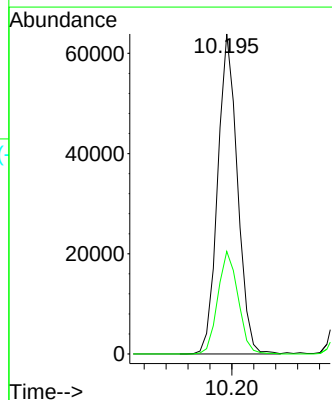
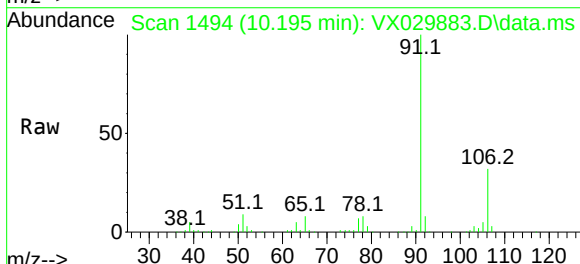
Instrument :
MSVOA_X
ClientSampleId :
MW-12

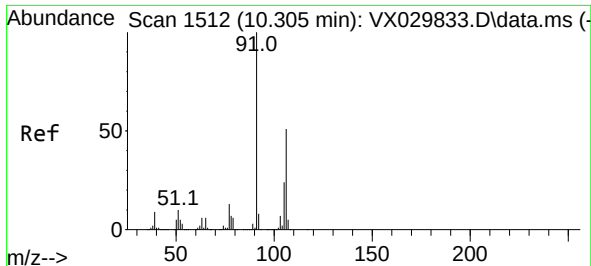
Tgt Ion:117 Resp: 345861
Ion Ratio Lower Upper
117 100
82 53.4 42.7 64.1
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 6.614 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 91 Resp: 79875
Ion Ratio Lower Upper
91 100
106 32.1 25.5 38.3

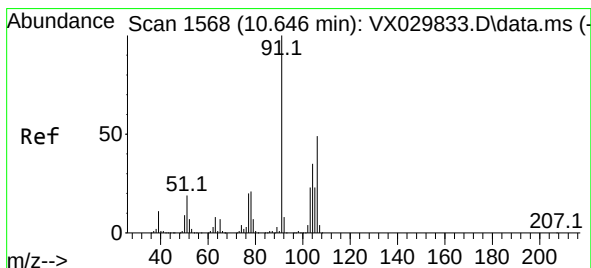
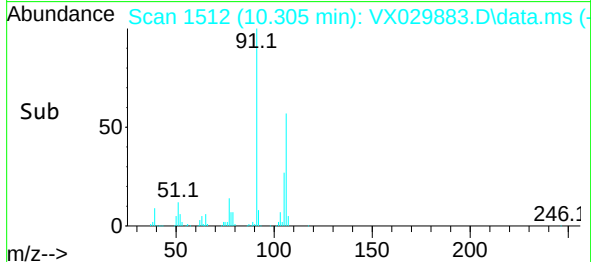
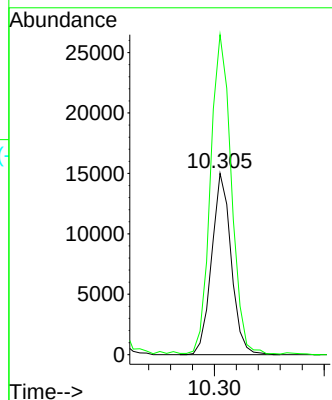
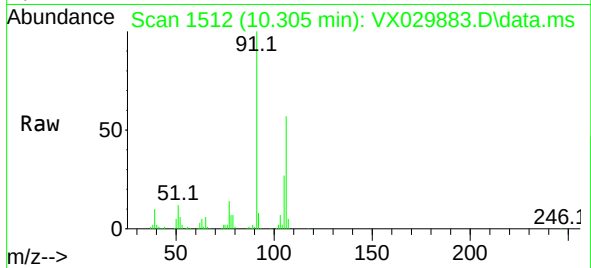




#68
m/p-Xylenes
Concen: 3.999 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

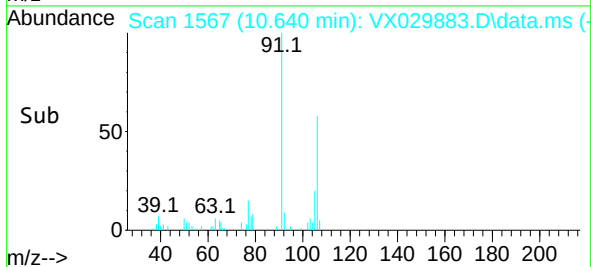
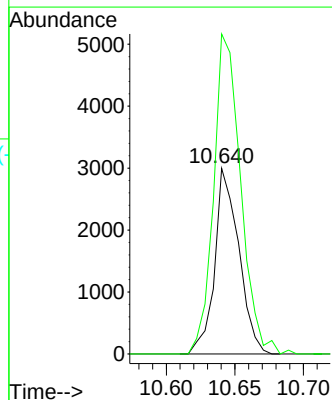
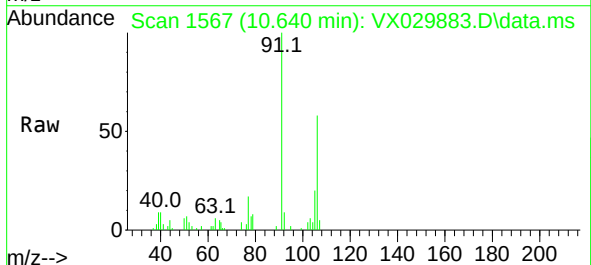
Instrument :
MSVOA_X
ClientSampleId :
MW-12

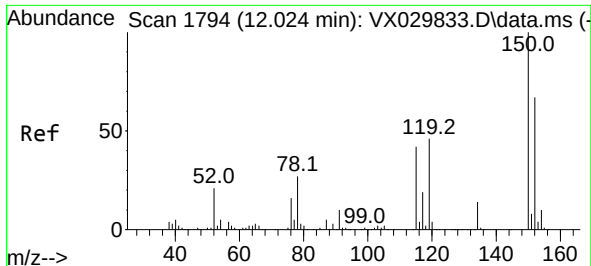
Tgt Ion:106 Resp: 18523
Ion Ratio Lower Upper
106 100
91 188.0 158.2 237.4



#69
o-Xylene
Concen: 0.782 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion:106 Resp: 3669
Ion Ratio Lower Upper
106 100
91 193.4 103.8 311.6

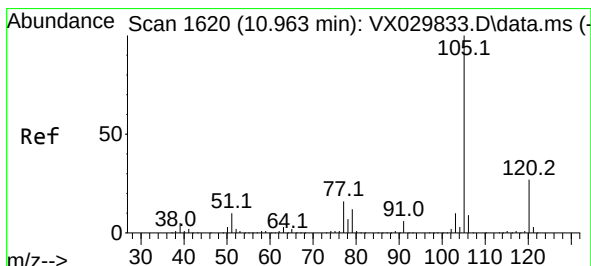
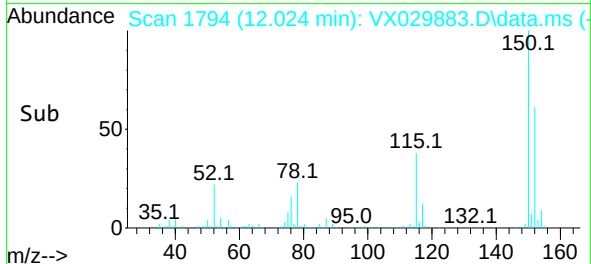
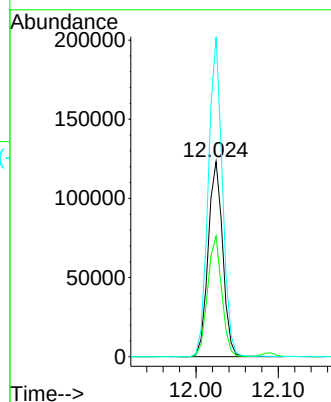
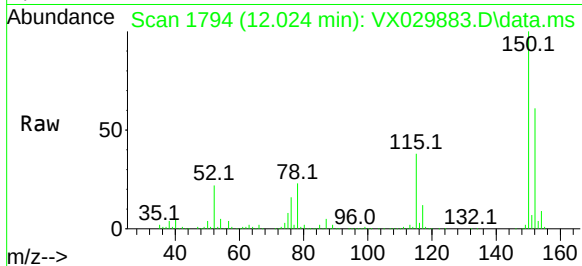




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

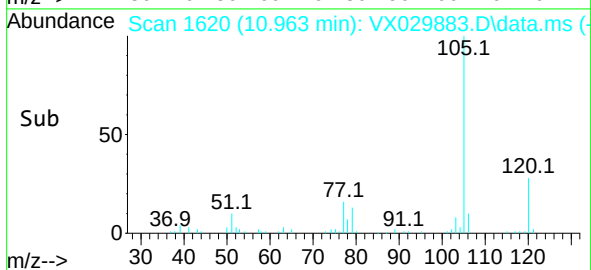
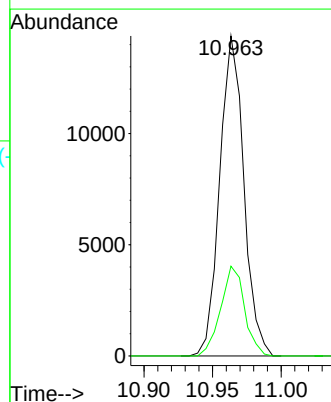
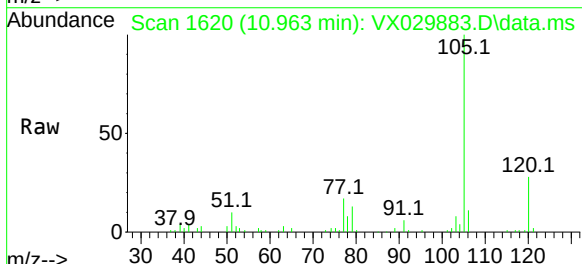
Instrument :
MSVOA_X
ClientSampleId :
MW-12

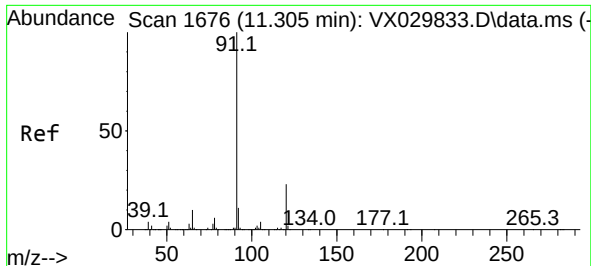
Tgt Ion:152 Resp: 151136
Ion Ratio Lower Upper
152 100
115 60.0 40.5 121.5
150 158.7 0.0 347.0



#73
Isopropylbenzene
Concen: 1.607 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion:105 Resp: 17572
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4

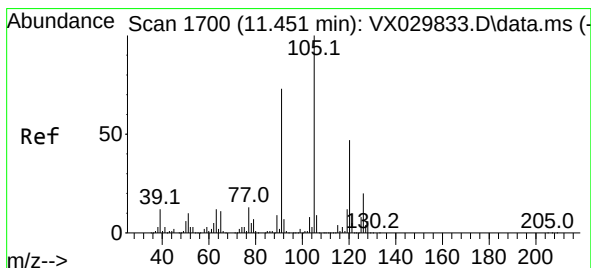
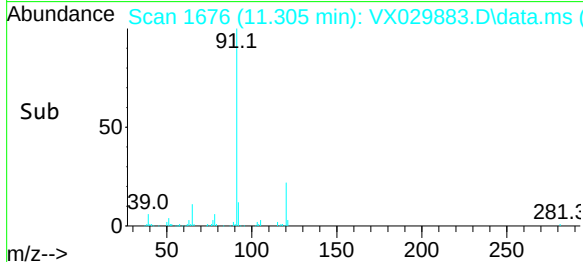
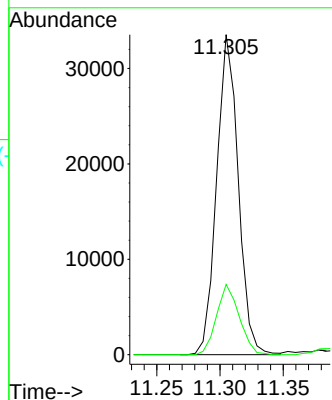
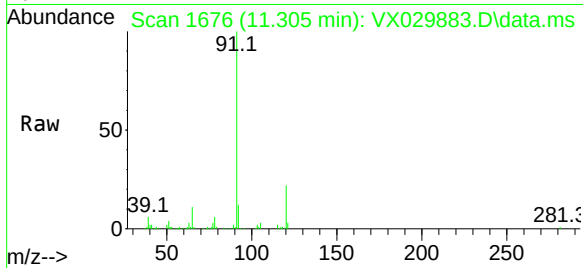




#78
n-propylbenzene
Concen: 3.077 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

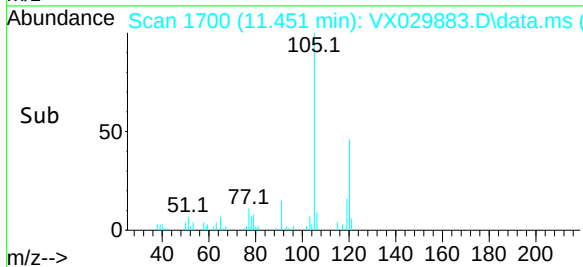
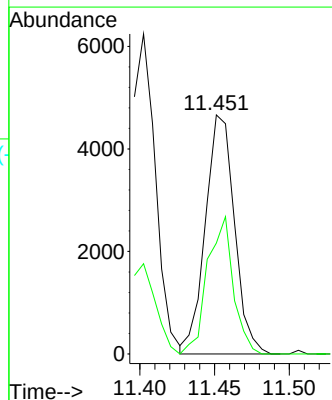
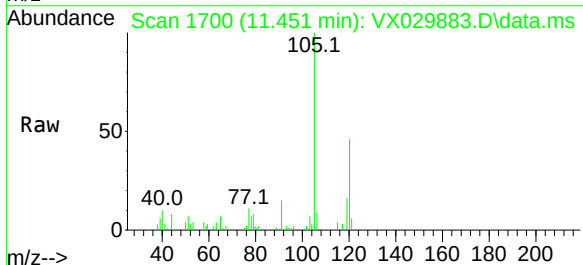
Instrument :
MSVOA_X
ClientSampleId :
MW-12

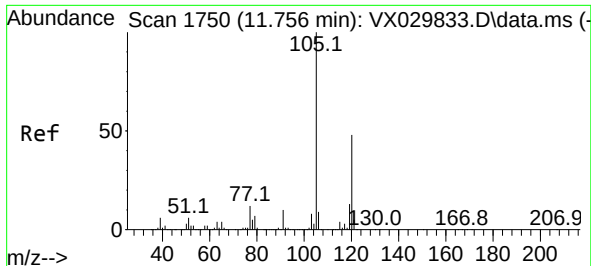
Tgt Ion: 91 Resp: 39691
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.696 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion: 105 Resp: 6320
Ion Ratio Lower Upper
105 100
120 50.9 24.4 73.2

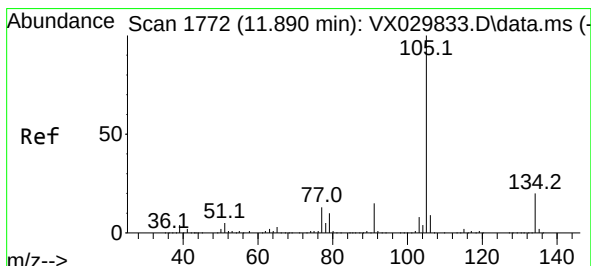
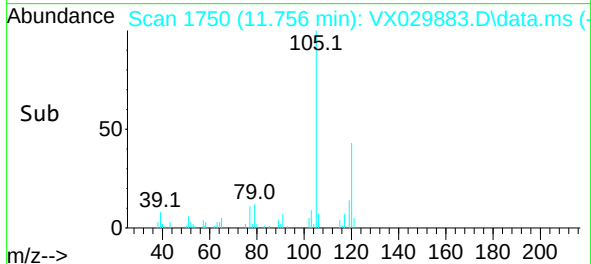
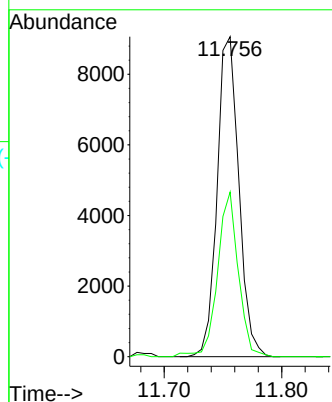
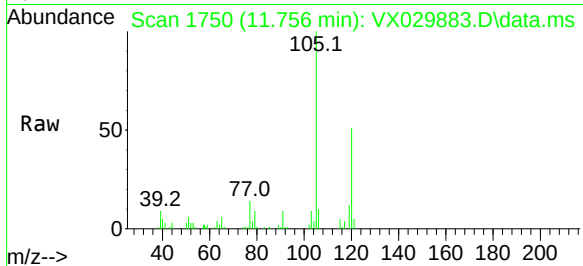




#84
1,2,4-Trimethylbenzene
Concen: 1.279 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

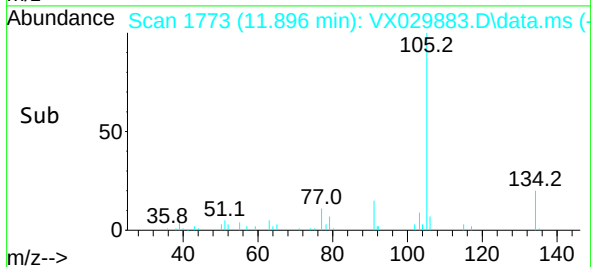
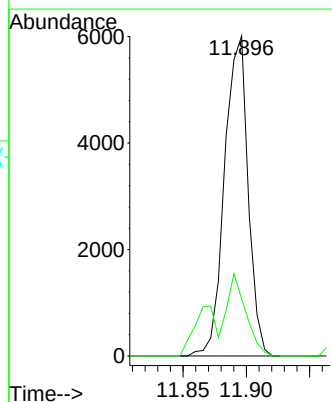
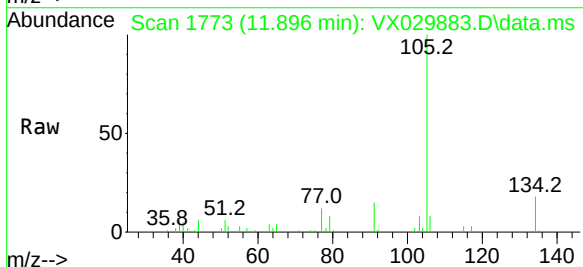
Instrument :
MSVOA_X
ClientSampleId :
MW-12

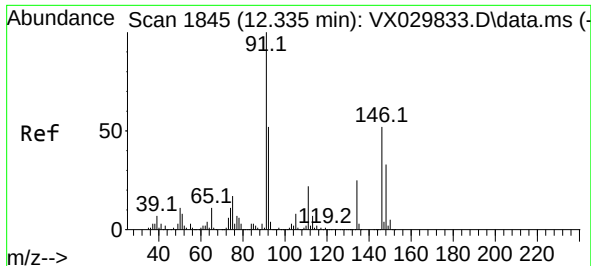
Tgt Ion:105 Resp: 11635
Ion Ratio Lower Upper
105 100
120 49.2 22.9 68.8



#85
sec-Butylbenzene
Concen: 0.683 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion:105 Resp: 7749
Ion Ratio Lower Upper
105 100
134 20.9 10.0 30.0

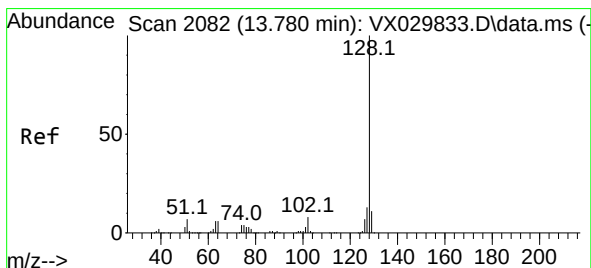
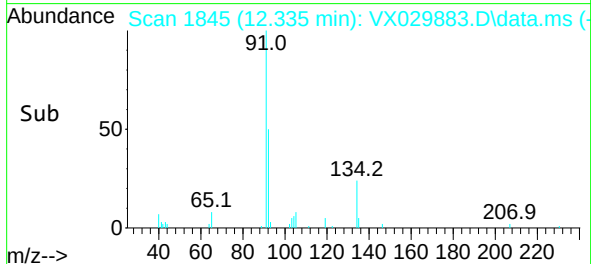
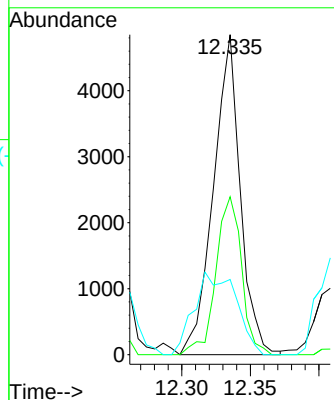
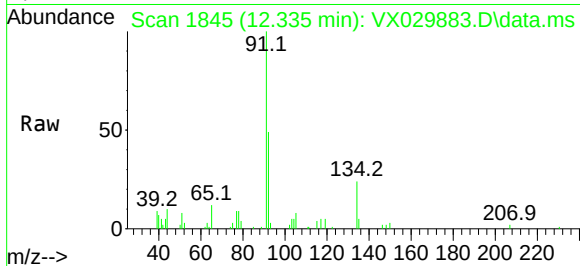




#89
n-Butylbenzene
Concen: 0.777 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Instrument :
MSVOA_X
ClientSampleId :
MW-12

Tgt Ion: 91 Resp: 6610
Ion Ratio Lower Upper
91 100
92 47.3 26.2 78.5
134 40.2 12.6 37.8#



#95
Naphthalene
Concen: 14.815 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX029883.D
Acq: 30 Jun 2022 00:57

Tgt Ion:128 Resp: 180851
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 11.2 8.6 13.0

