

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072822\
 Data File : VX030276.D
 Acq On : 28 Jul 2022 17:45
 Operator : JC/MD
 Sample : N3953-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IRV-OILY-WATER

Quant Time: Jul 29 05:58:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

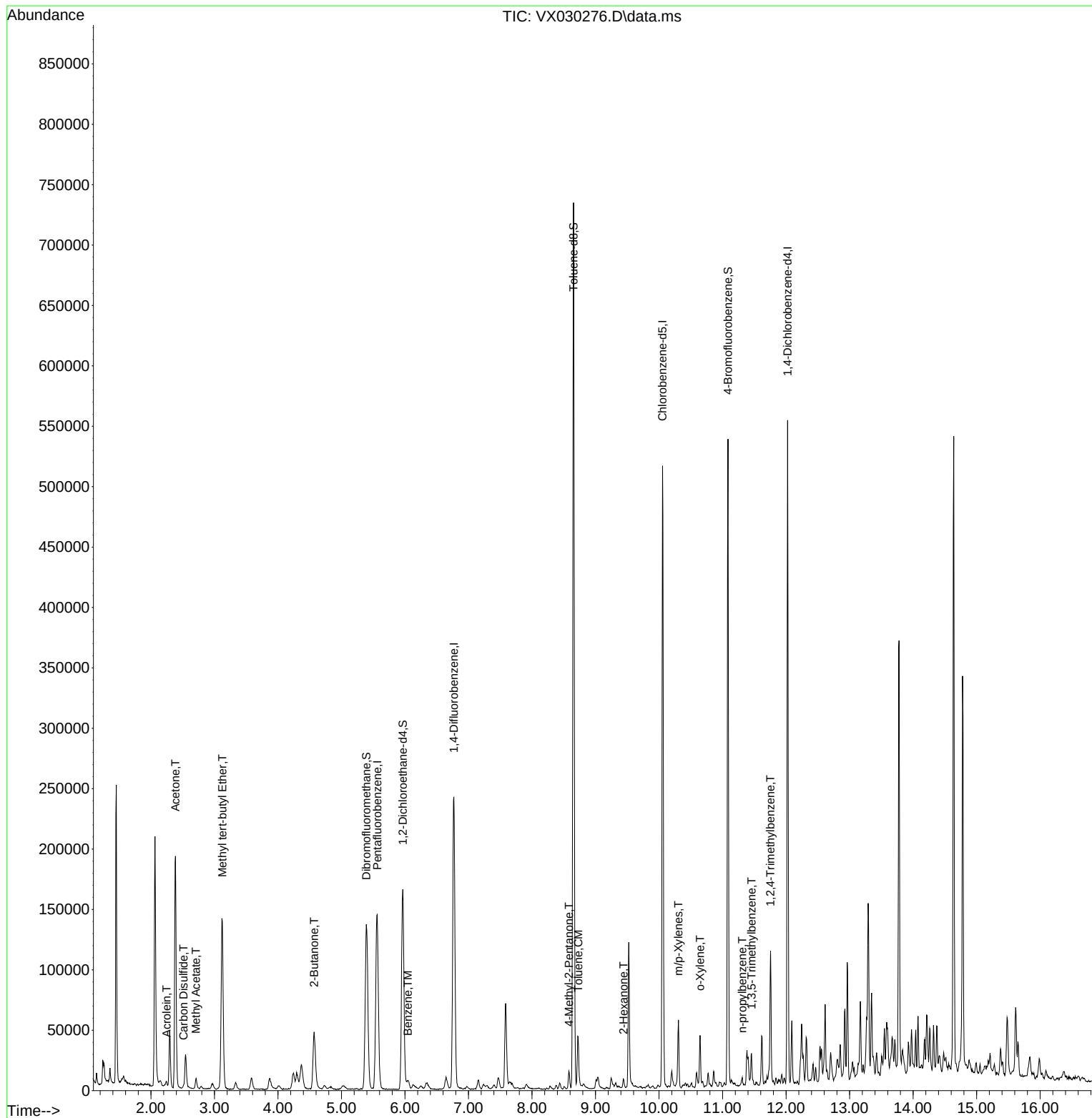
Internal Standards						
1) Pentafluorobenzene	5.562	168	134144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	157023	58.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.480%	
35) Dibromofluoromethane	5.391	113	121191	51.403	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.800%	
50) Toluene-d8	8.653	98	416808	45.651	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.300%	
62) 4-Bromofluorobenzene	11.085	95	143020	42.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 84.420%	
Target Compounds						
						Qvalue
13) Acrolein	2.245	56	3157	19.530	ug/l #	75
16) Acetone	2.386	43	203025	147.078	ug/l	96
17) Carbon Disulfide	2.514	76	2555	0.452	ug/l #	79
18) Methyl Acetate	2.709	43	10588	2.593	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	151748	21.140	ug/l	97
25) 2-Butanone	4.568	43	85923	37.041	ug/l	95
40) Benzene	6.043	78	8241	0.772	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	8799	1.840	ug/l	97
52) Toluene	8.726	92	15383	2.362	ug/l	97
59) 2-Hexanone	9.439	43	4240	1.124	ug/l	94
68) m/p-Xylenes	10.305	106	11879	2.821	ug/l	84
69) o-Xylene	10.646	106	7835	1.888	ug/l	90
78) n-propylbenzene	11.311	91	3202	0.336	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	11187	1.674	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	45385	6.805	ug/l	95

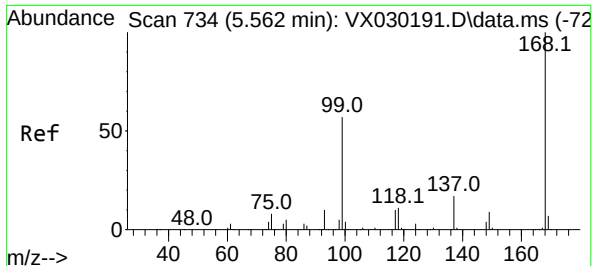
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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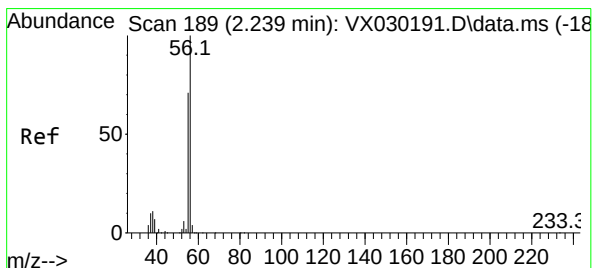
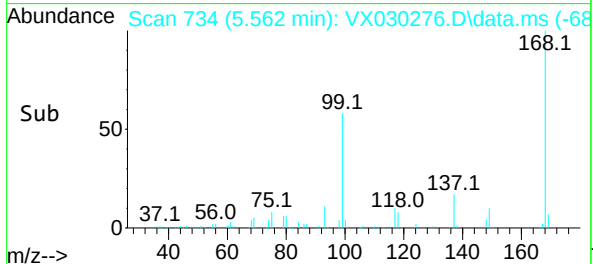
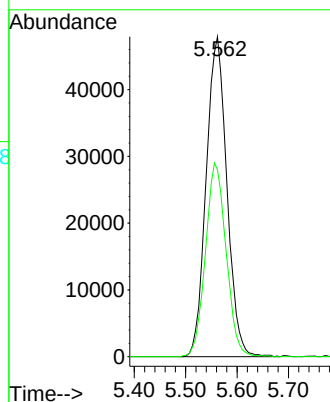
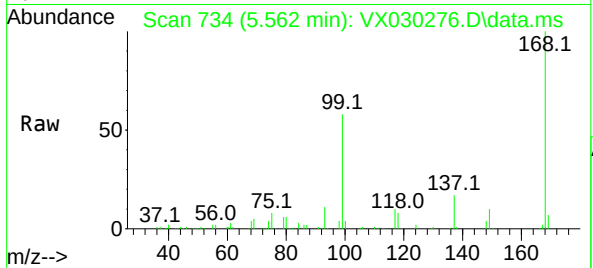




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

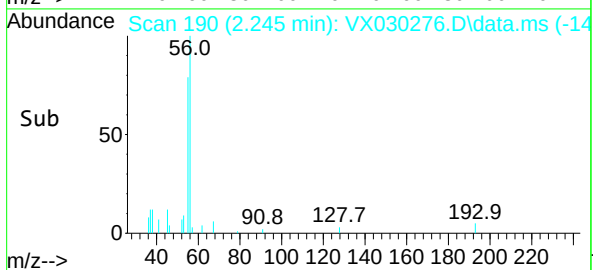
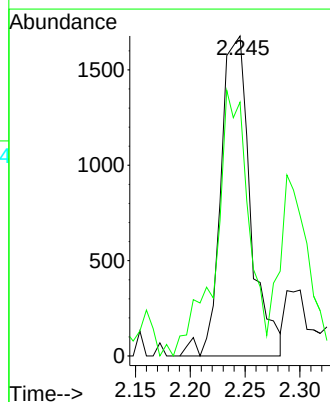
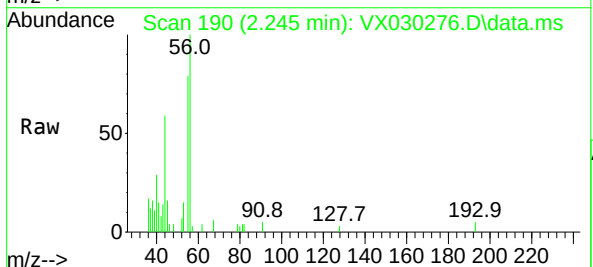
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

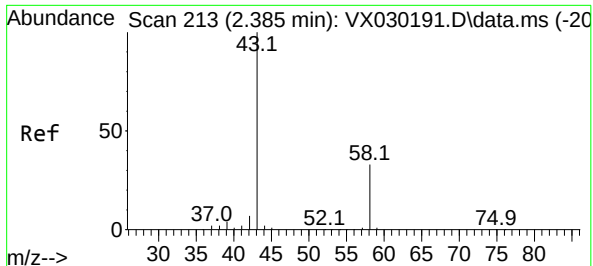
Tgt Ion:168 Resp: 134144
Ion Ratio Lower Upper
168 100
99 58.5 44.0 66.0



#13
Acrolein
Concen: 19.530 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion: 56 Resp: 3157
Ion Ratio Lower Upper
56 100
55 91.3 56.6 84.8#

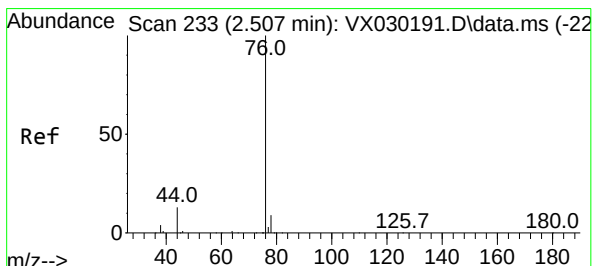
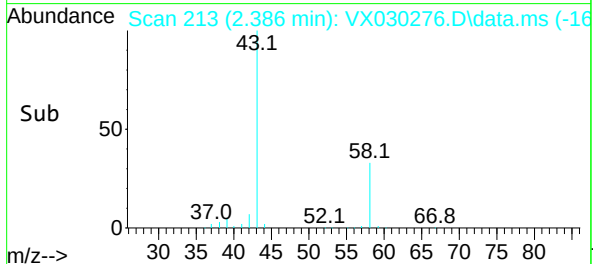
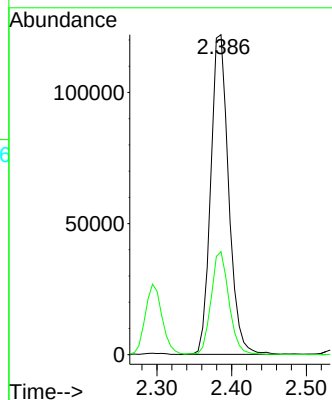
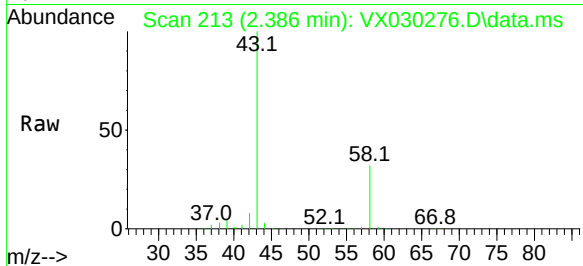




#16
Acetone
Concen: 147.078 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

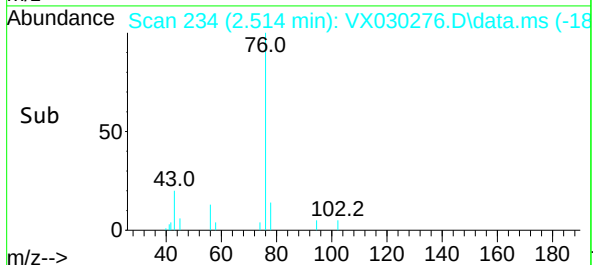
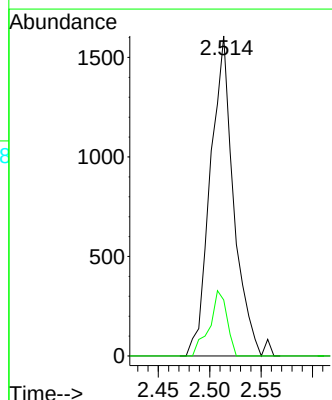
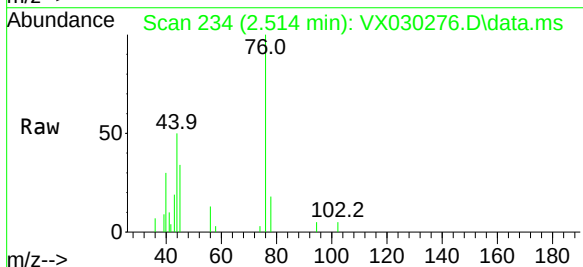
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

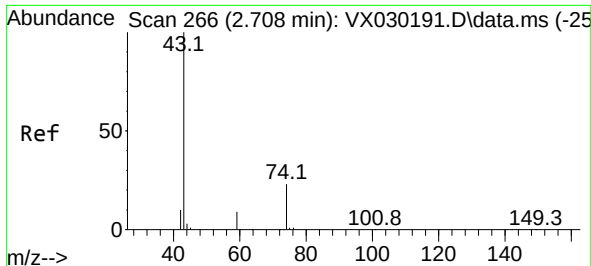
Tgt Ion: 43 Resp: 203025
Ion Ratio Lower Upper
43 100
58 32.1 27.7 41.5



#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion: 76 Resp: 2555
Ion Ratio Lower Upper
76 100
78 17.5 7.8 11.6

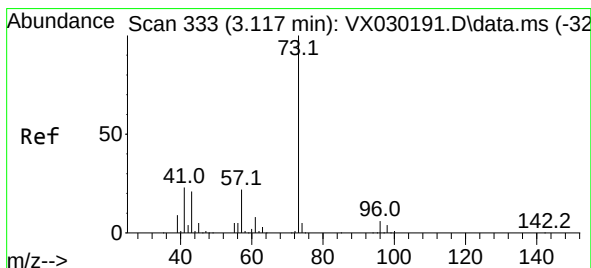
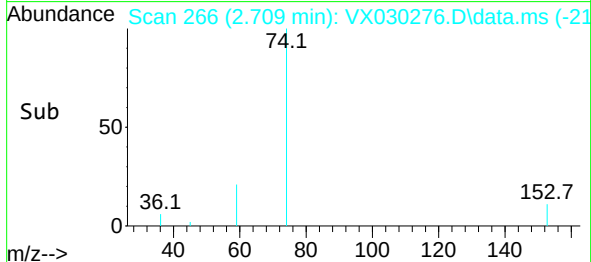
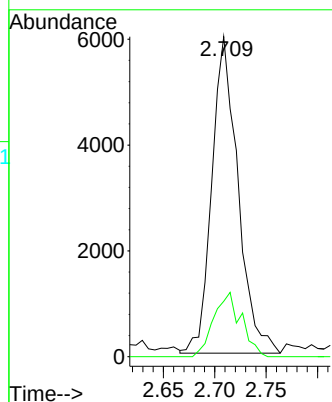
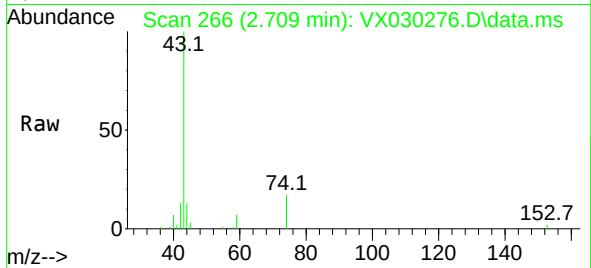




#18
Methyl Acetate
Concen: 2.593 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

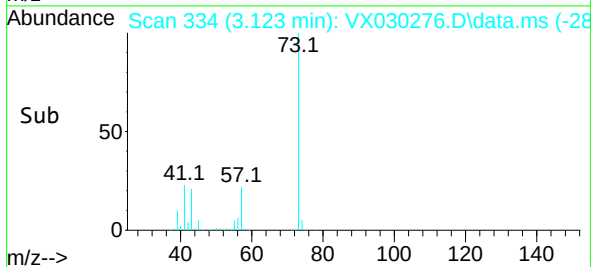
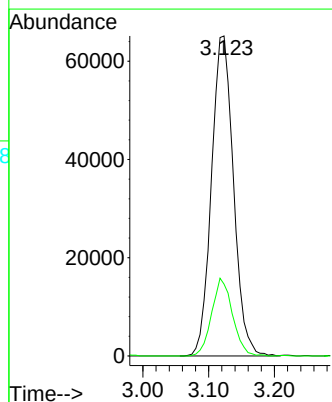
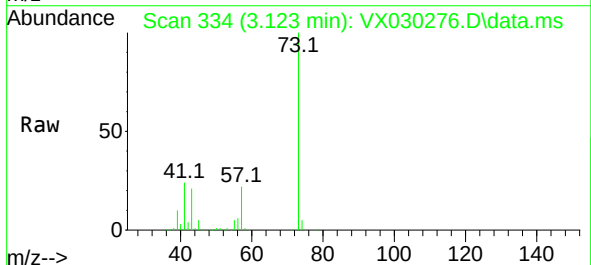
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

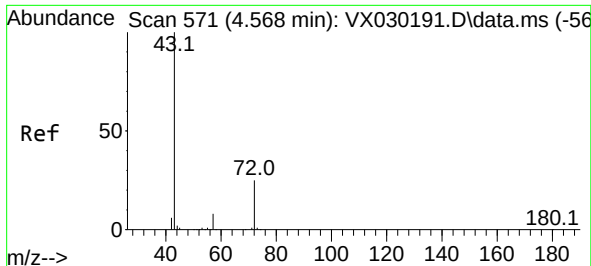
Tgt Ion: 43 Resp: 10588
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2



#19
Methyl tert-butyl Ether
Concen: 21.140 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion: 73 Resp: 151748
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.6

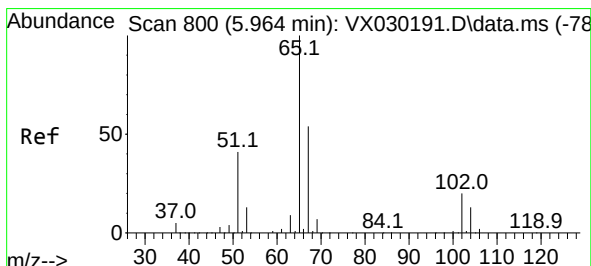
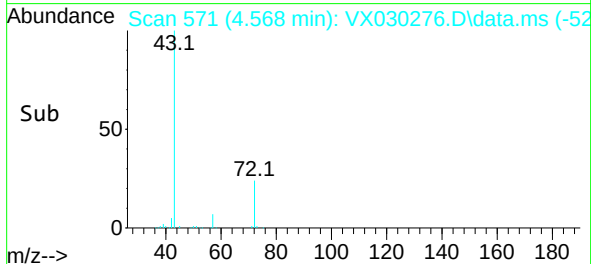
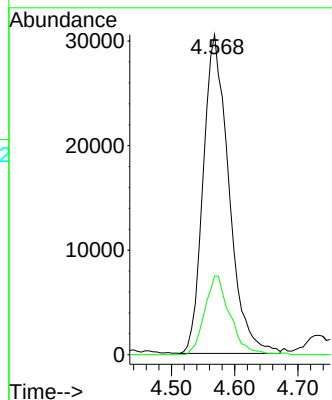
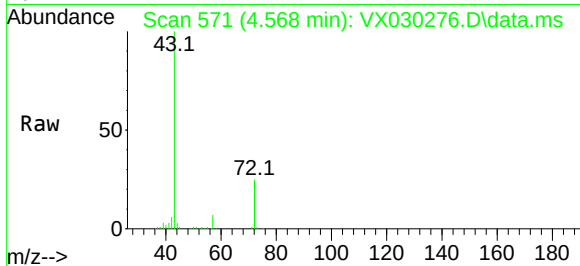




#25
2-Butanone
Concen: 37.041 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

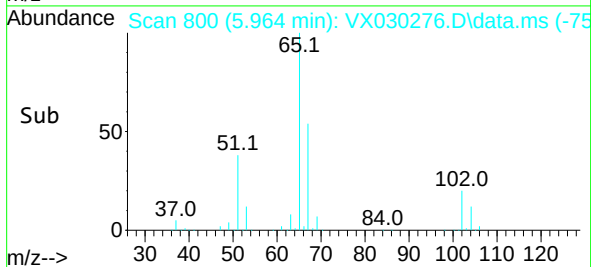
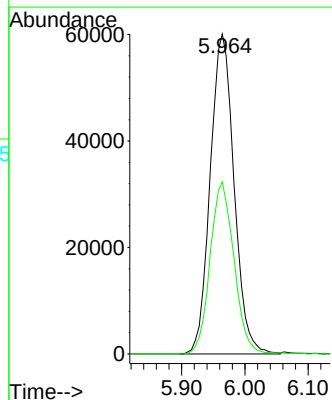
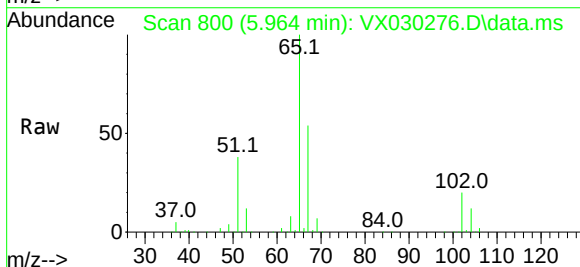
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

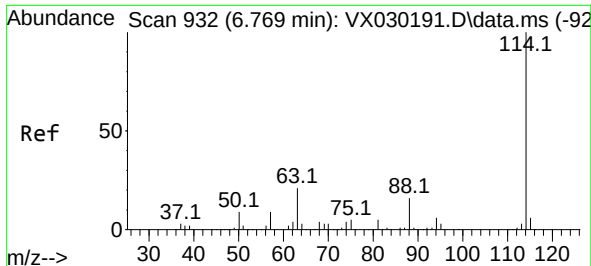
Tgt Ion: 43 Resp: 85923
Ion Ratio Lower Upper
43 100
72 24.7 21.7 32.5



#33
1,2-Dichloroethane-d4
Concen: 58.238 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion: 65 Resp: 157023
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

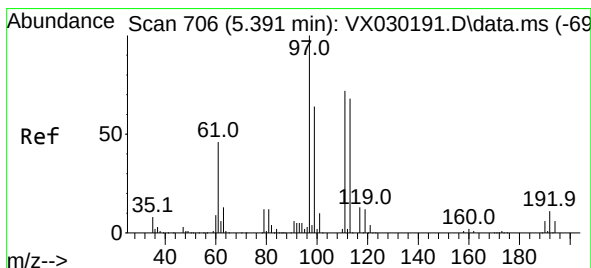
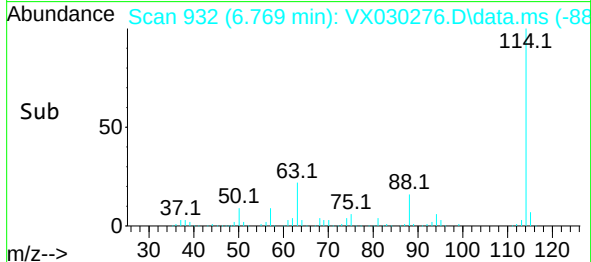
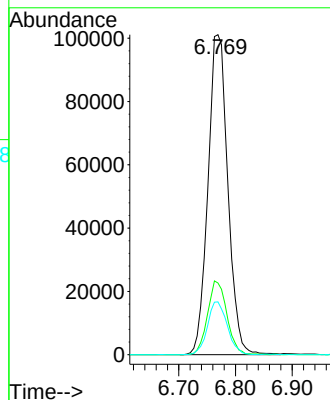
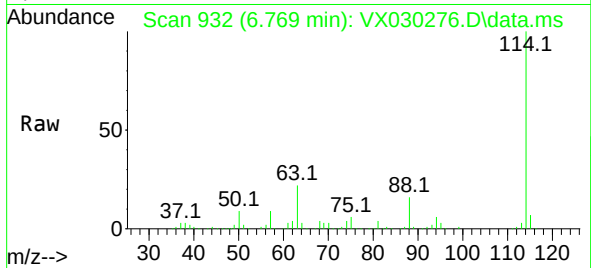




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

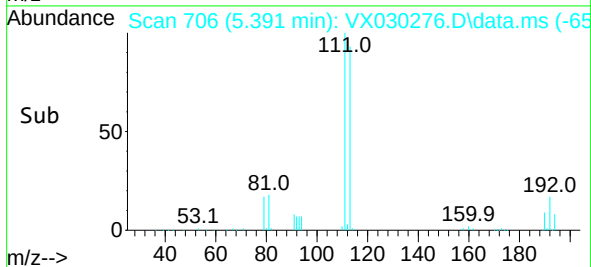
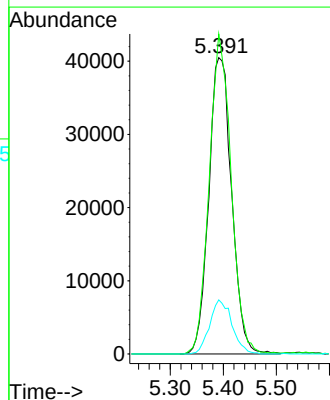
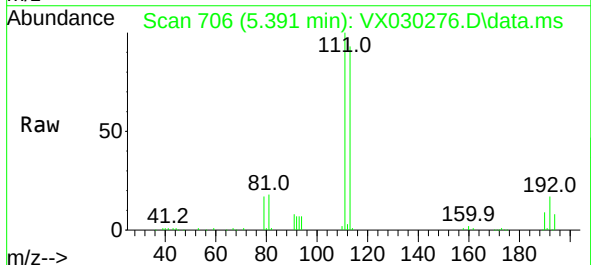
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

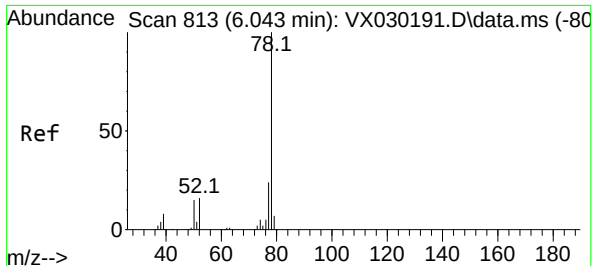
Tgt Ion:114 Resp: 246629
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.403 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion:113 Resp: 121191
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 17.8 14.8 22.2

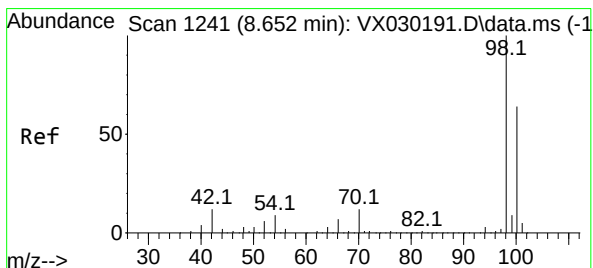
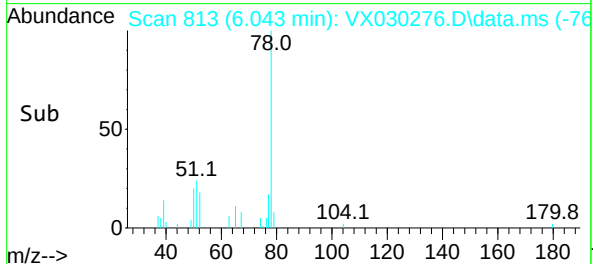
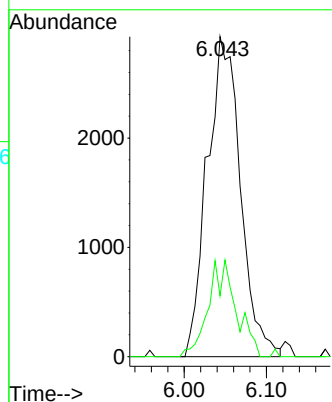
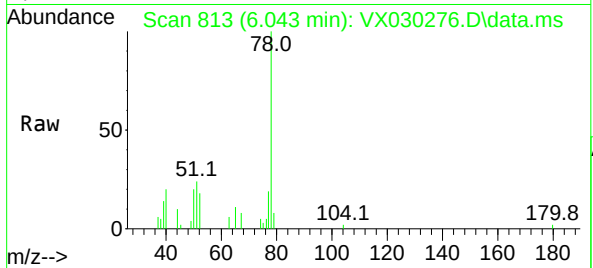




#40
Benzene
Concen: 0.772 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

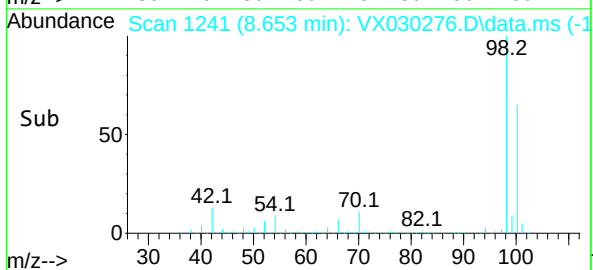
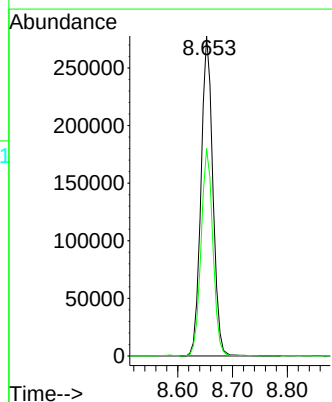
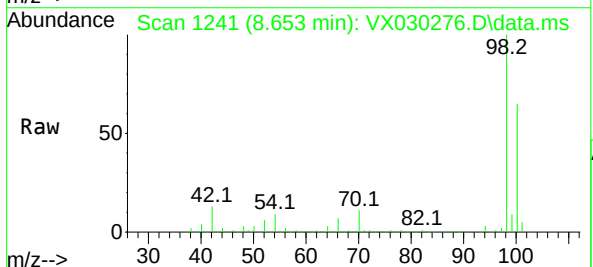
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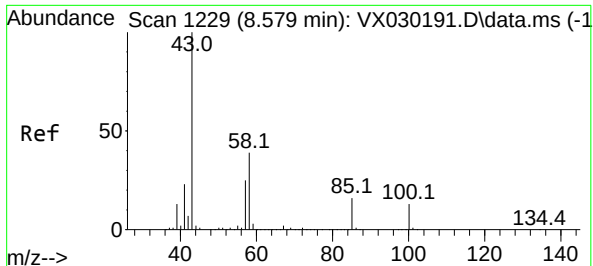
Tgt Ion: 78 Resp: 8241
Ion Ratio Lower Upper
78 100
77 19.0 18.0 27.0



#50
Toluene-d8
Concen: 45.651 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion: 98 Resp: 416808
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5

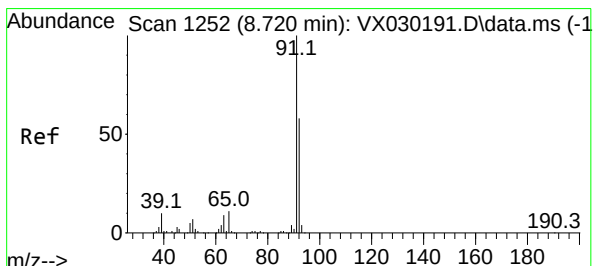
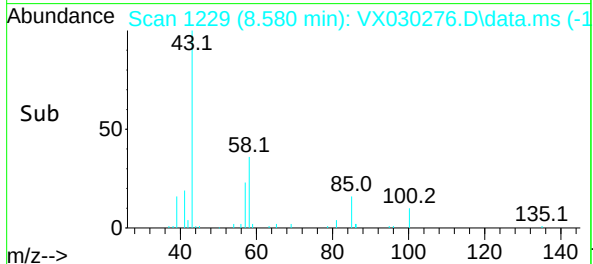
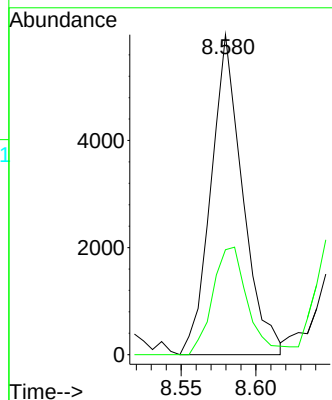
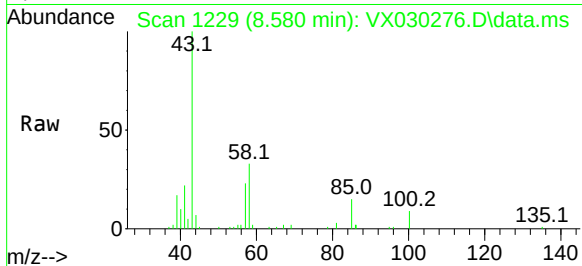




#51
4-Methyl-2-Pentanone
Concen: 1.840 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

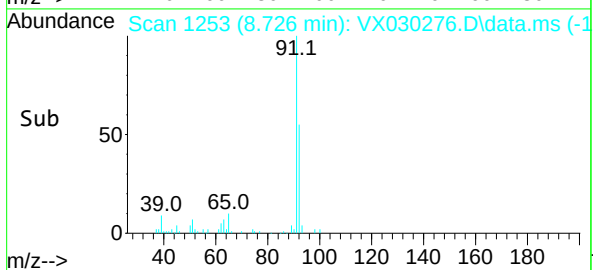
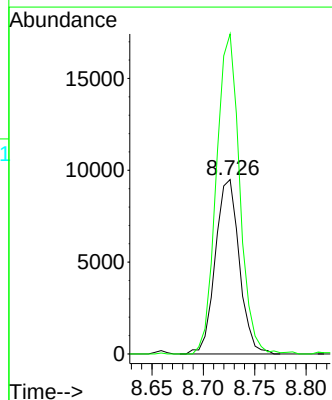
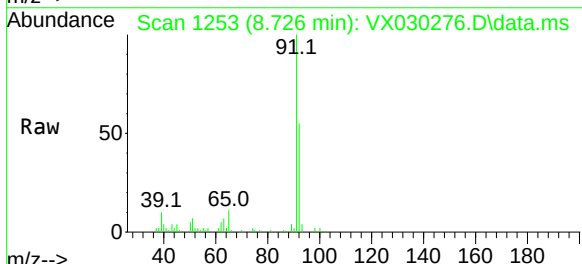
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

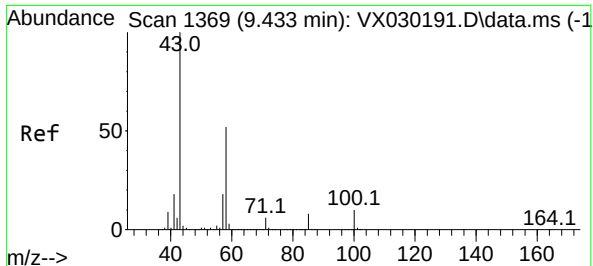
Tgt Ion: 43 Resp: 8799
Ion Ratio Lower Upper
43 100
58 37.5 31.4 47.2



#52
Toluene
Concen: 2.362 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion: 92 Resp: 15383
Ion Ratio Lower Upper
92 100
91 178.5 139.2 208.8





#59

2-Hexanone

Concen: 1.124 ug/l

RT: 9.439 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX030276.D

Acq: 28 Jul 2022 17:45

Instrument :

MSVOA_X

ClientSampleId :

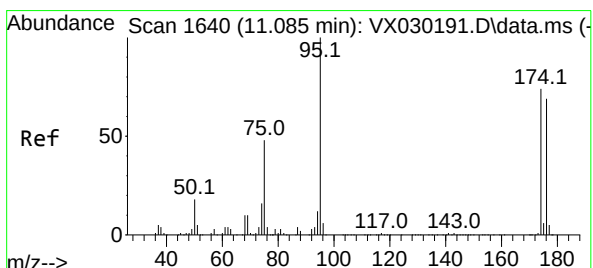
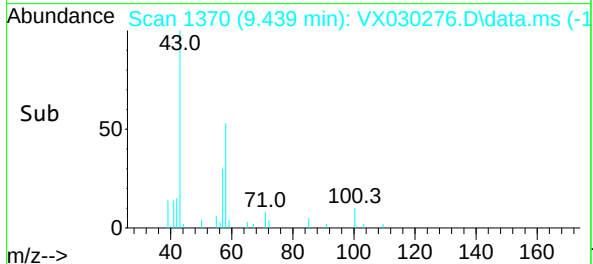
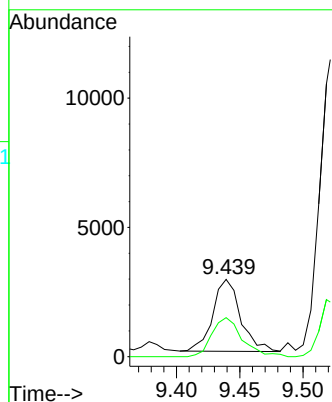
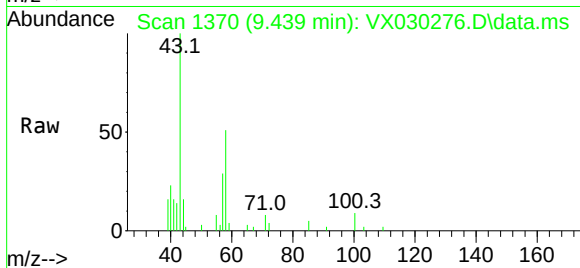
IRV-OILY-WATER

Tgt Ion: 43 Resp: 4240

Ion Ratio Lower Upper

43 100

58 59.2 27.6 82.8



#62

4-Bromofluorobenzene

Concen: 42.207 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030276.D

Acq: 28 Jul 2022 17:45

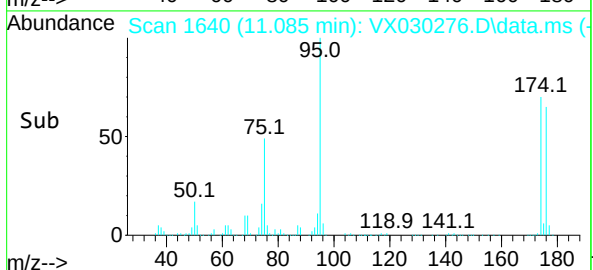
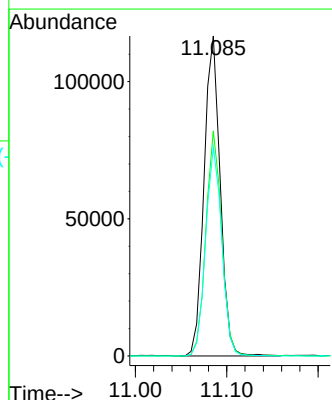
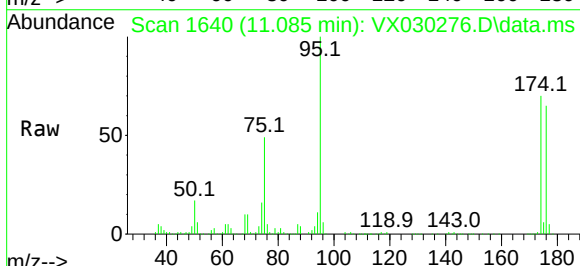
Tgt Ion: 95 Resp: 143020

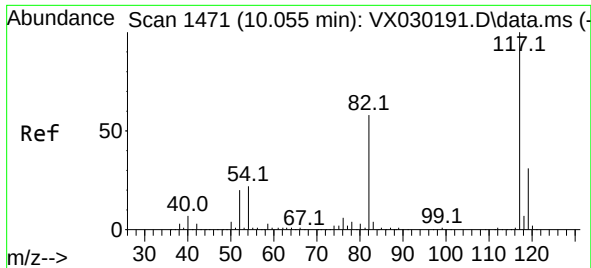
Ion Ratio Lower Upper

95 100

174 68.7 0.0 149.0

176 65.1 0.0 146.0

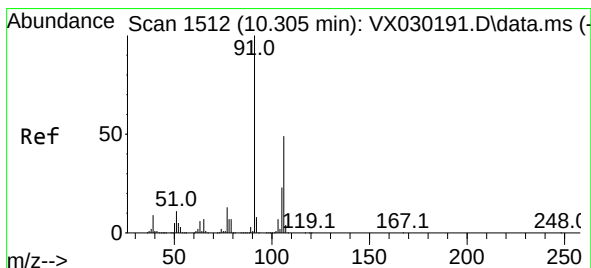
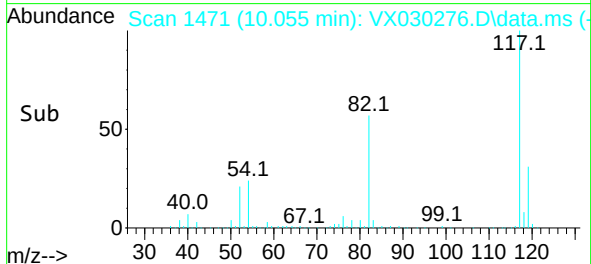
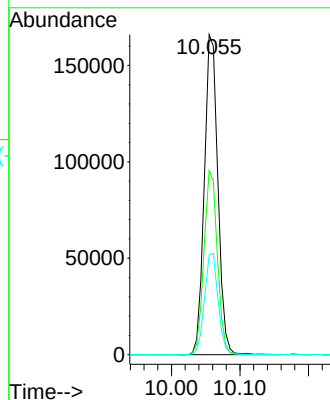
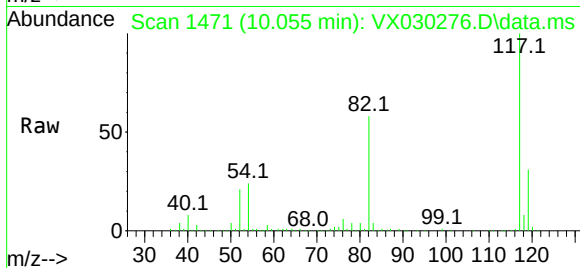




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

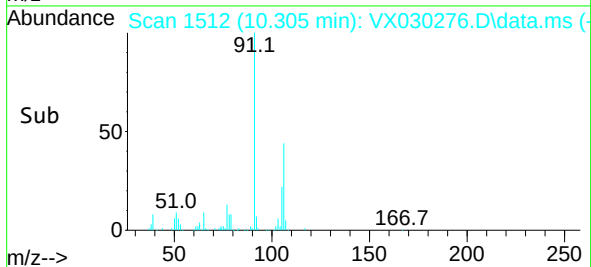
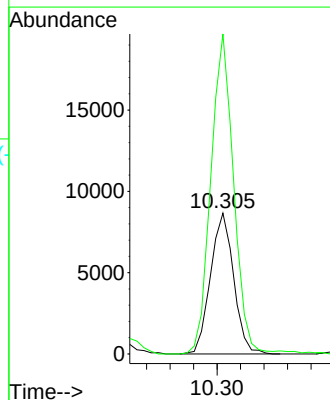
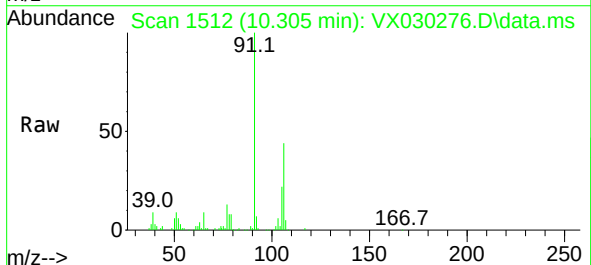
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

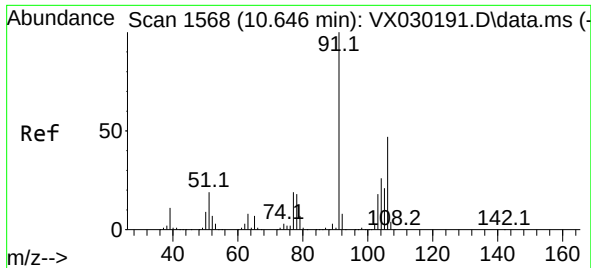
Tgt Ion:117 Resp: 228805
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 31.1 25.4 38.2



#68
m/p-Xylenes
Concen: 2.821 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion:106 Resp: 11879
Ion Ratio Lower Upper
106 100
91 222.0 158.2 237.4

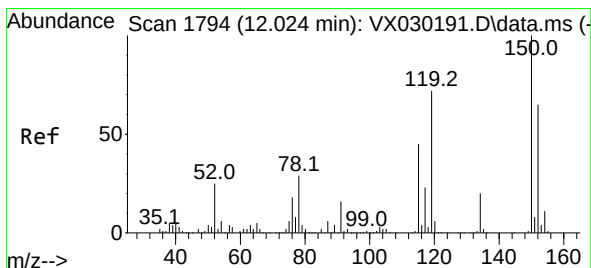
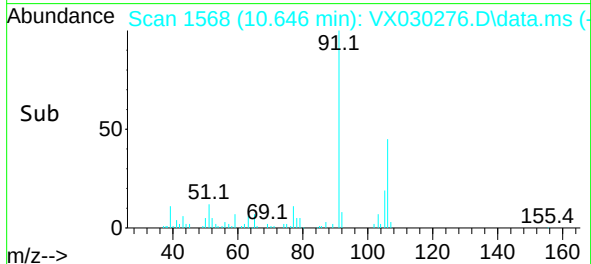
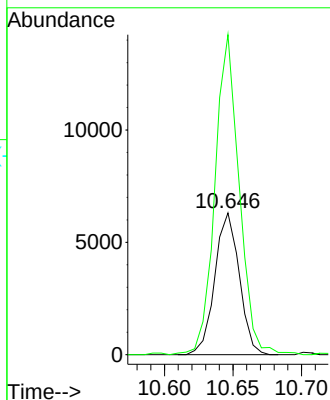
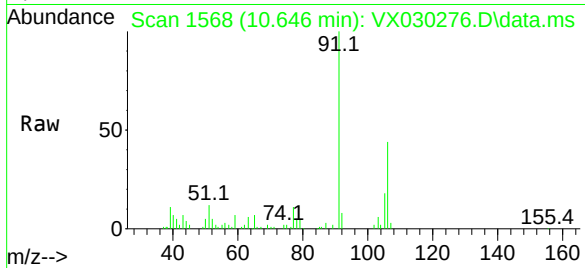




#69
o-Xylene
Concen: 1.888 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

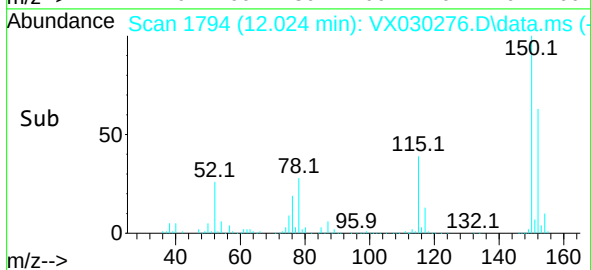
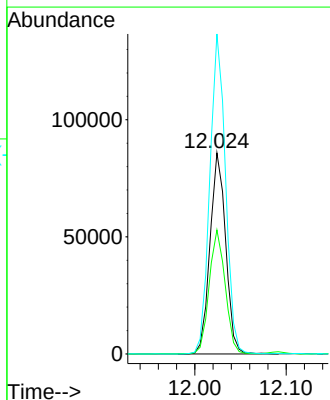
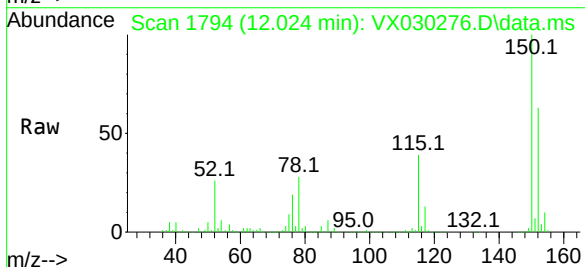
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

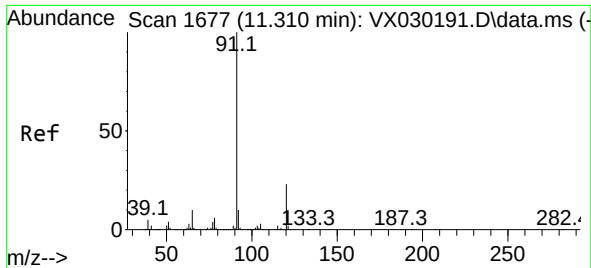
Tgt Ion:106 Resp: 7835
Ion Ratio Lower Upper
106 100
91 223.6 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

Tgt Ion:152 Resp: 102259
Ion Ratio Lower Upper
152 100
115 62.5 40.5 121.5
150 158.8 0.0 347.0

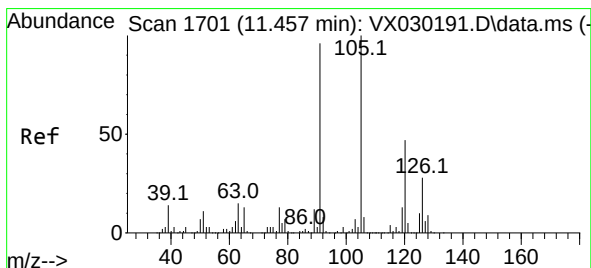
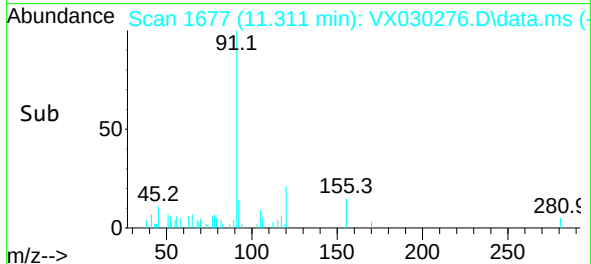
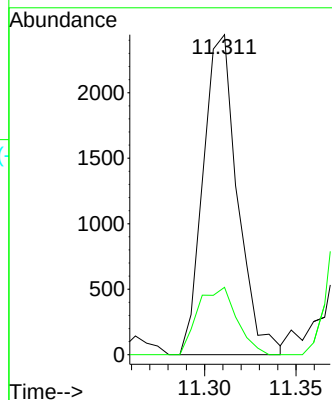
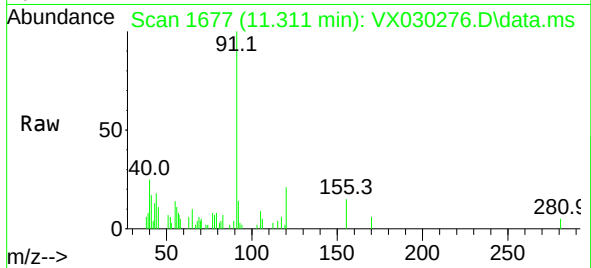




#78
n-propylbenzene
Concen: 0.336 ug/l
RT: 11.311 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

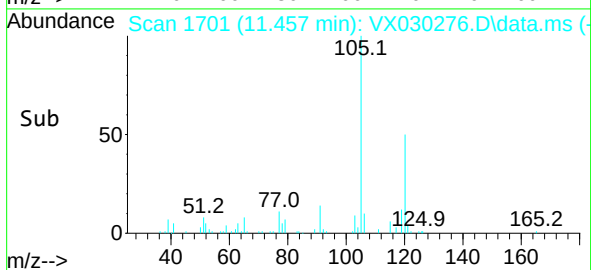
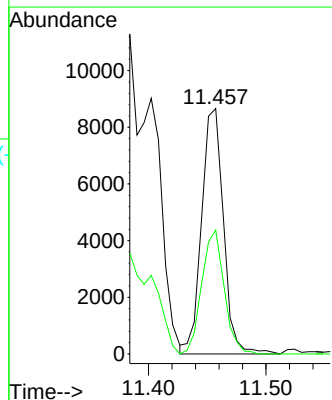
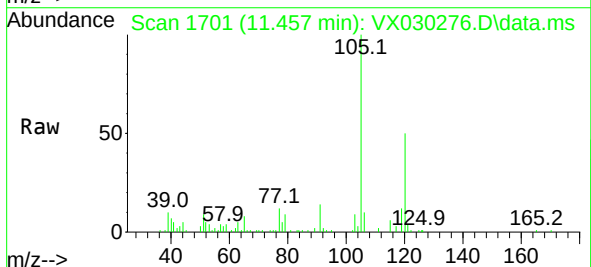
Instrument :
MSVOA_X
ClientSampleId :
IRV-OILY-WATER

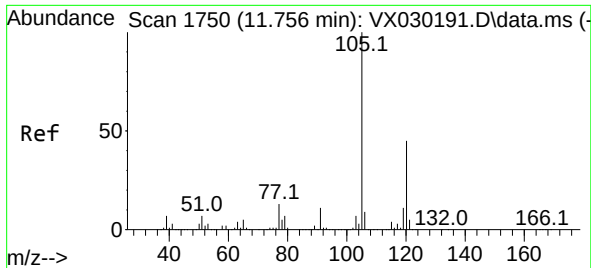
Tgt Ion: 91 Resp: 3202
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 1.674 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX030276.D
Acq: 28 Jul 2022 17:45

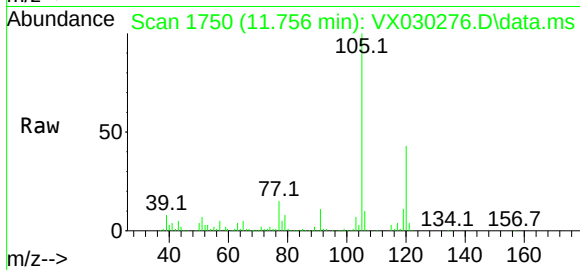
Tgt Ion: 105 Resp: 11187
Ion Ratio Lower Upper
105 100
120 51.7 24.4 73.2





#84
 1,2,4-Trimethylbenzene
 Concen: 6.805 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030276.D
 Acq: 28 Jul 2022 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 IRV-OILY-WATER



Tgt Ion:105 Resp: 45385
 Ion Ratio Lower Upper
 105 100
 120 42.7 22.9 68.8

