

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006448.D
 Acq On : 22 Oct 2021 18:45
 Operator : SY/MD
 Sample : M4316-01
 Misc : 4.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-IS

Quant Time: Oct 23 07:24:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

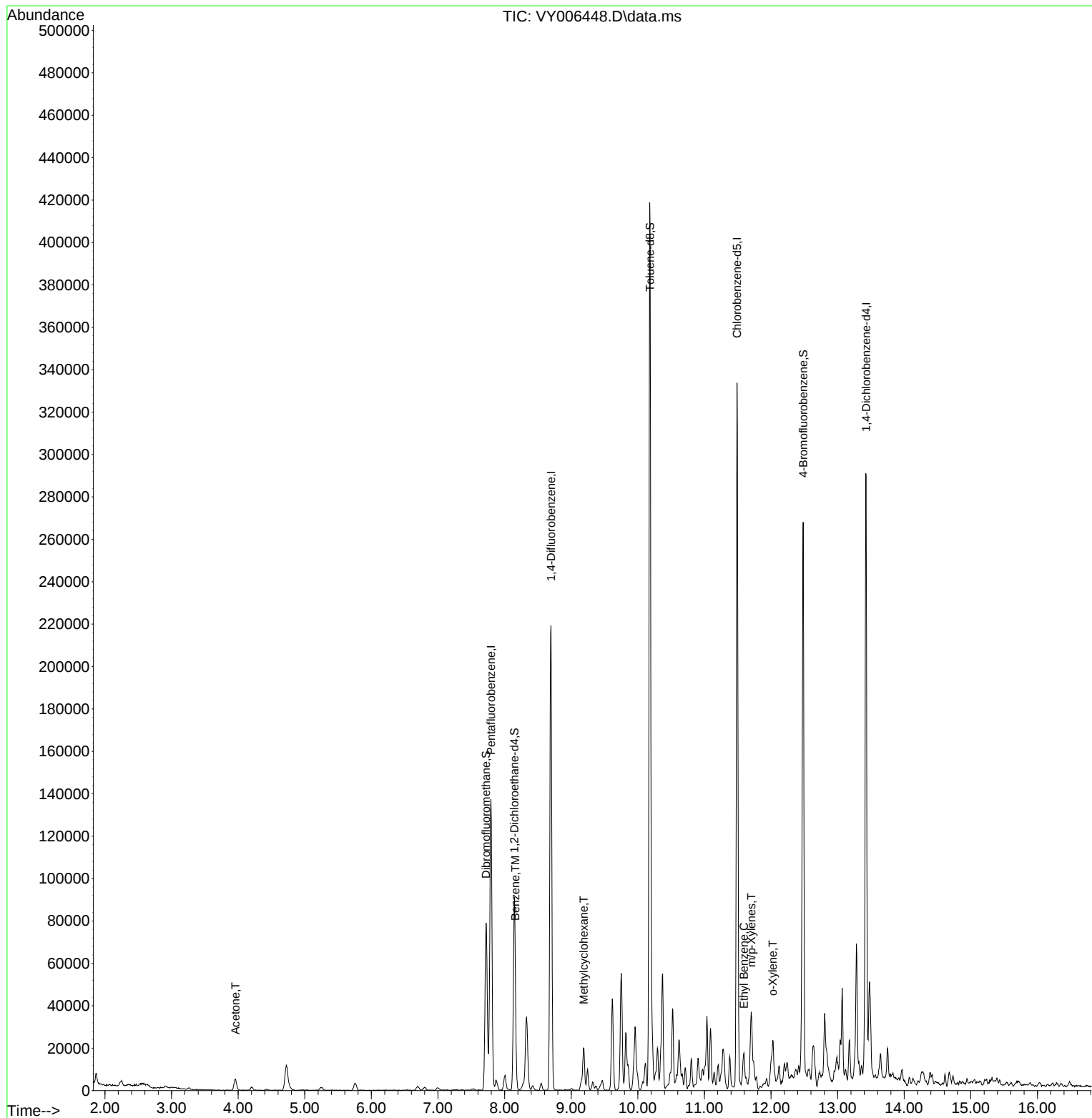
Internal Standards						
1) Pentafluorobenzene	7.795	168	101908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178203	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	163414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71595	57.091	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.180%	
35) Dibromofluoromethane	7.722	113	52115	52.469	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.940%	
50) Toluene-d8	10.185	98	232287	55.168	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.340%	
62) 4-Bromofluorobenzene	12.483	95	70022	49.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.740%	
Target Compounds						Qvalue
16) Acetone	3.960	43	9720	26.918	ug/l	96
39) Methylcyclohexane	9.191	83	5181	2.417	ug/l	95
40) Benzene	8.161	78	5814	1.158	ug/l	93
67) Ethyl Benzene	11.593	91	7560	1.248	ug/l	99
68) m/p-Xylenes	11.703	106	7810	3.428	ug/l	97
69) o-Xylene	12.026	106	4003	1.841	ug/l	100

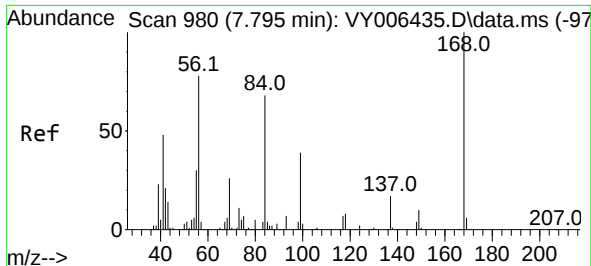
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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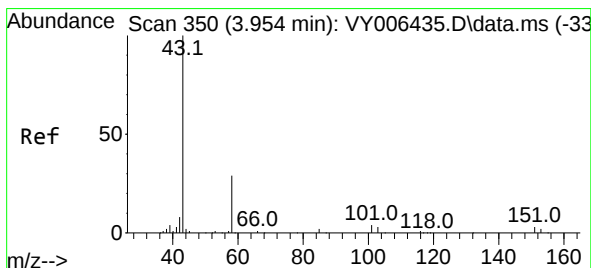
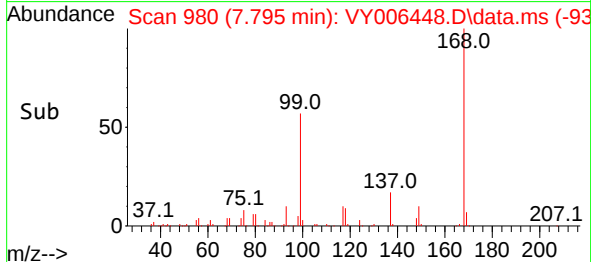
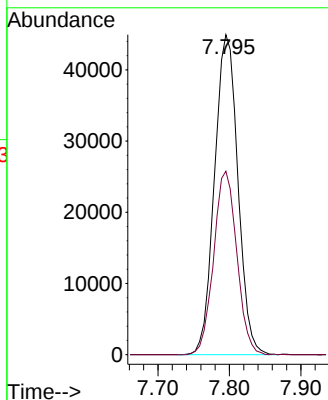
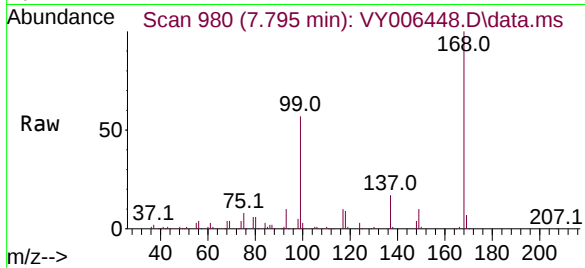




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

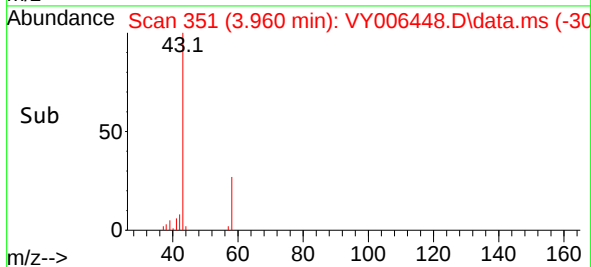
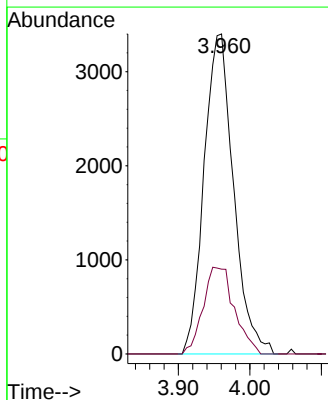
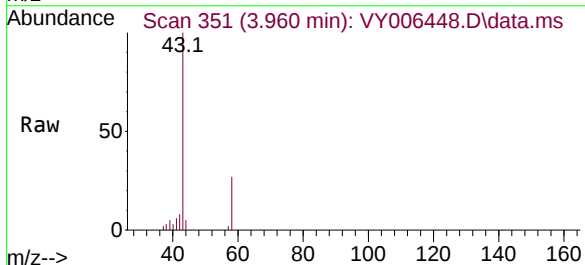
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-IS

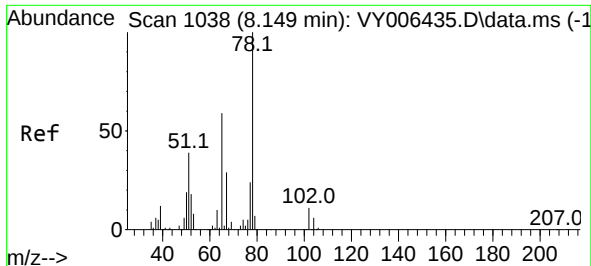
Tgt Ion:168 Resp: 101908
Ion Ratio Lower Upper
168 100
99 57.3 44.8 67.2



#16
Acetone
Concen: 26.918 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Tgt Ion: 43 Resp: 9720
Ion Ratio Lower Upper
43 100
58 26.5 22.9 34.3





#33

1,2-Dichloroethane-d4

Concen: 57.091 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006448.D

Acq: 22 Oct 2021 18:45

Instrument :

MSVOA_Y

ClientSampleId :

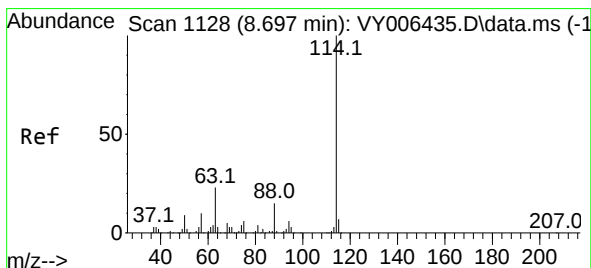
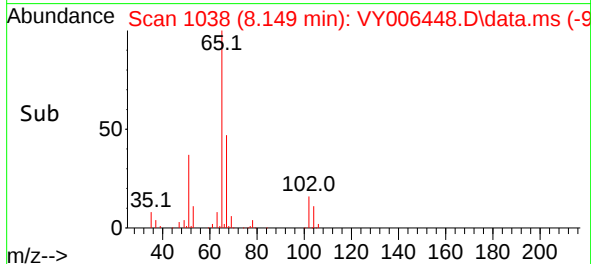
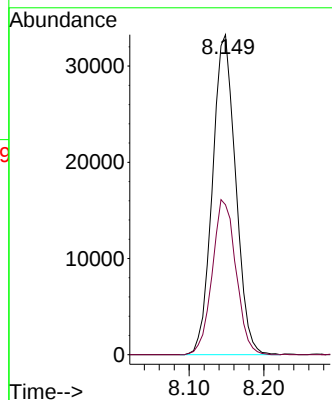
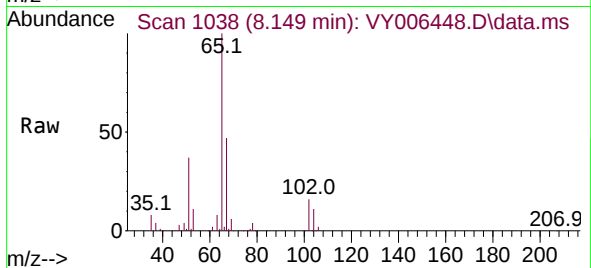
WC-2-IS

Tgt Ion: 65 Resp: 71595

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006448.D

Acq: 22 Oct 2021 18:45

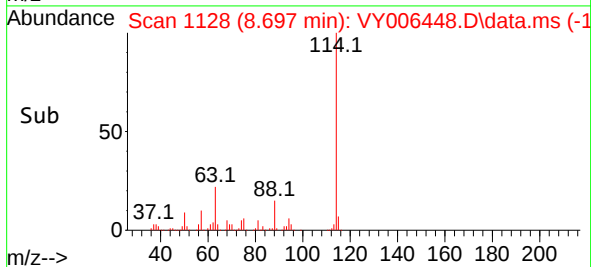
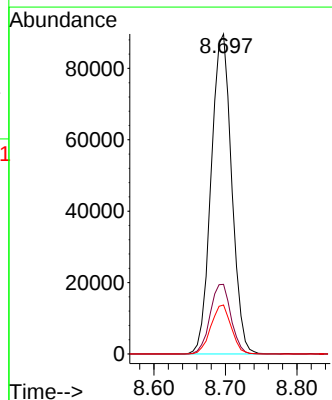
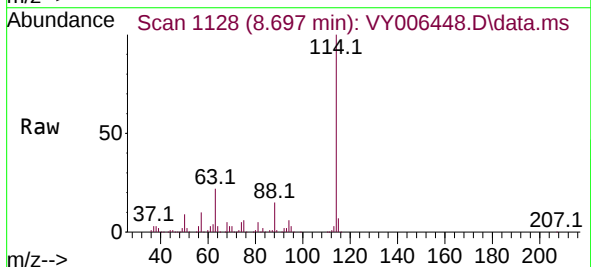
Tgt Ion: 114 Resp: 178203

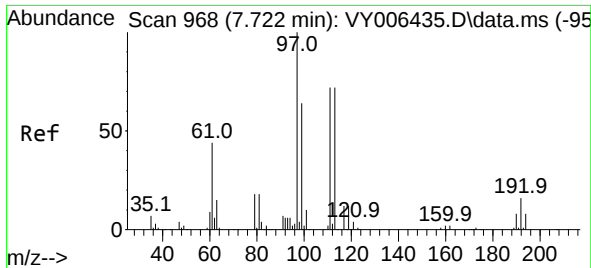
Ion Ratio Lower Upper

114 100

63 21.8 0.0 45.0

88 15.3 0.0 30.6

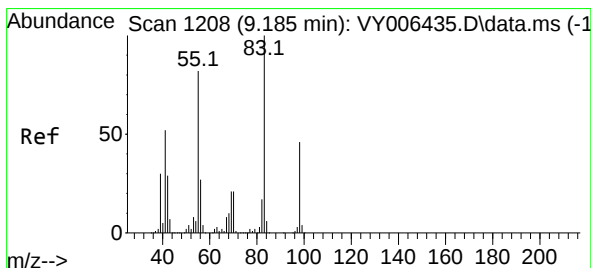
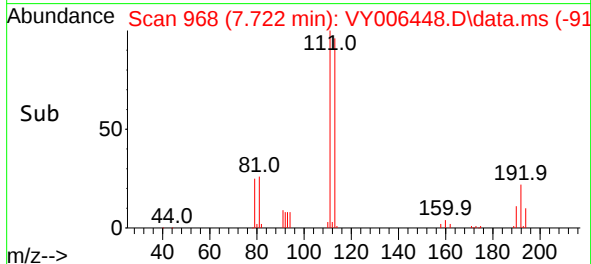
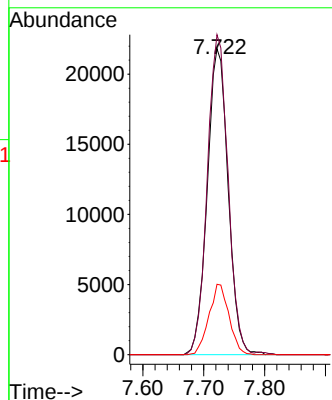
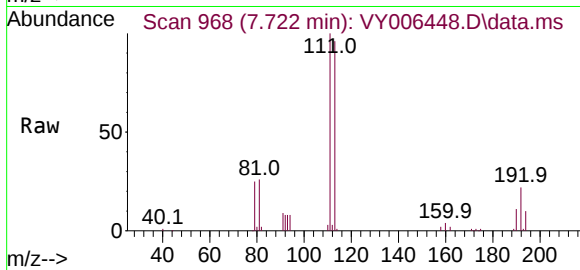




#35
Dibromofluoromethane
Concen: 52.469 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

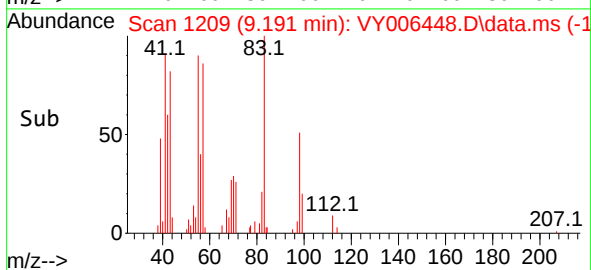
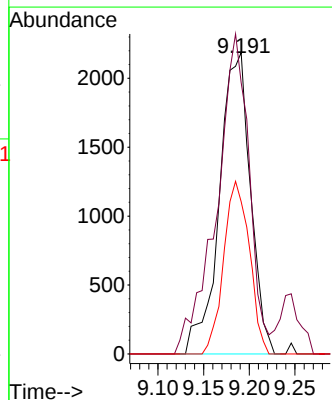
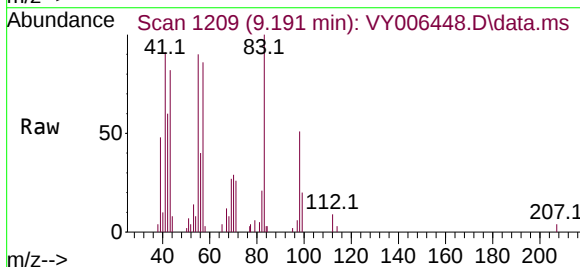
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-IS

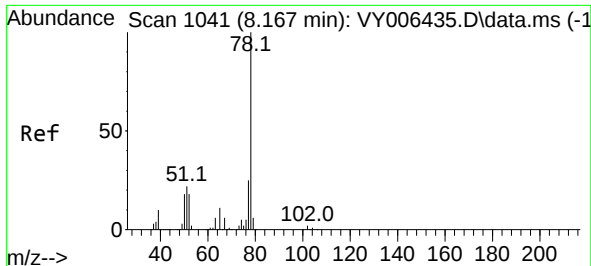
Tgt Ion:113 Resp: 52115
Ion Ratio Lower Upper
113 100
111 103.1 82.3 123.5
192 22.0 17.4 26.2



#39
Methylcyclohexane
Concen: 2.417 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Tgt Ion: 83 Resp: 5181
Ion Ratio Lower Upper
83 100
55 85.5 65.3 97.9
98 50.5 37.0 55.4

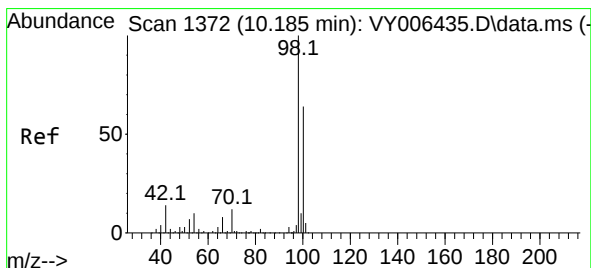
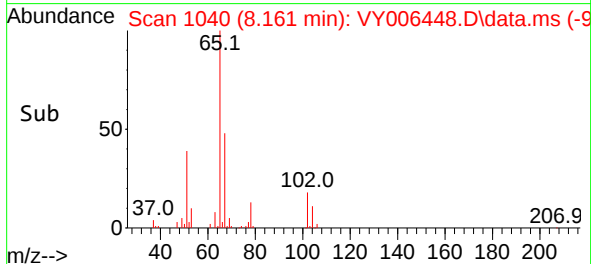
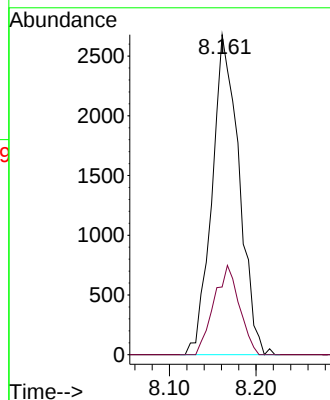
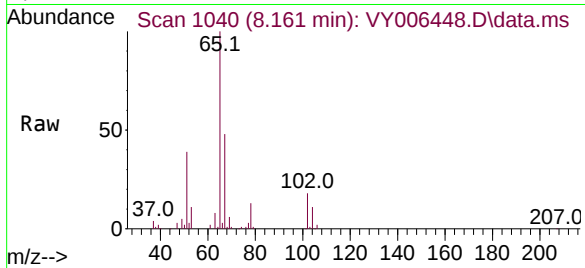




#40
Benzene
Concen: 1.158 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

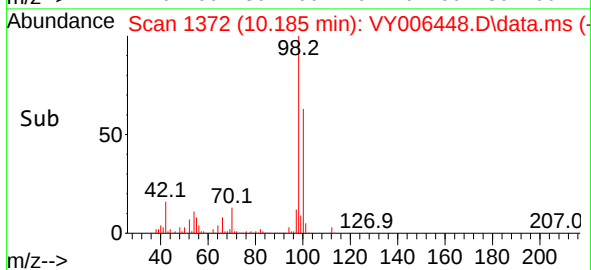
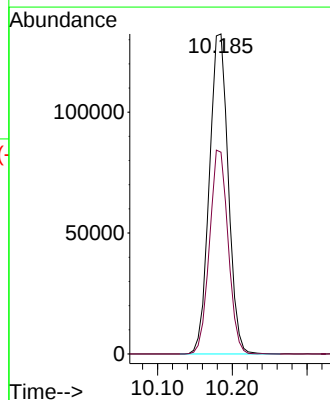
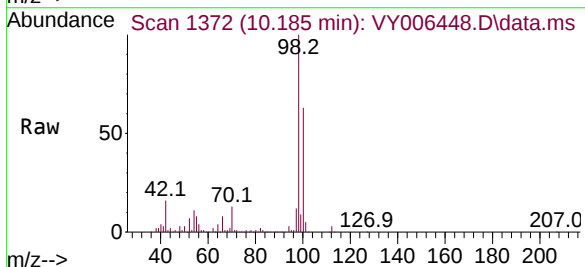
Instrument :
MSVOA_Y
ClientSampleId :
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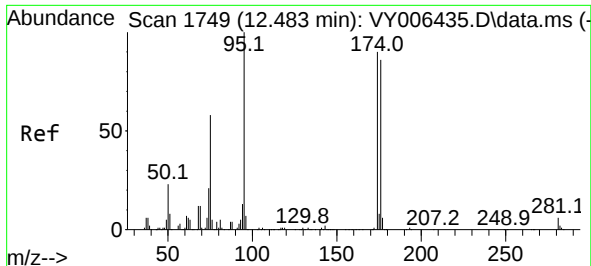
Tgt Ion: 78 Resp: 5814
Ion Ratio Lower Upper
78 100
77 21.2 19.7 29.5



#50
Toluene-d8
Concen: 55.168 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Tgt Ion: 98 Resp: 232287
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3

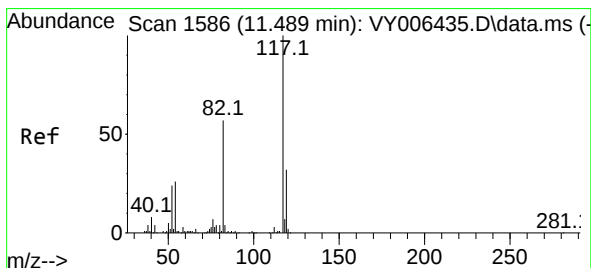
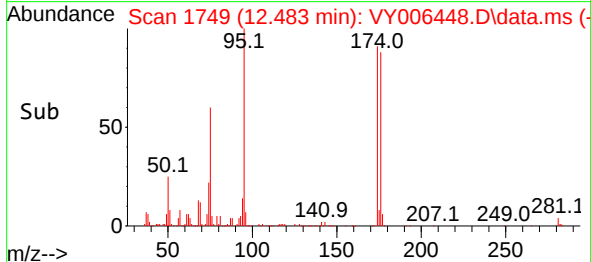
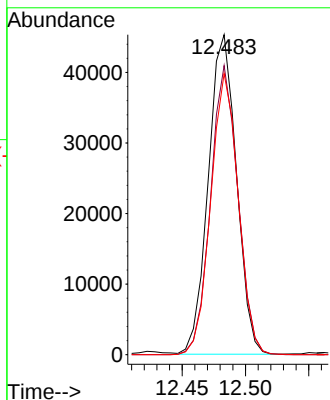
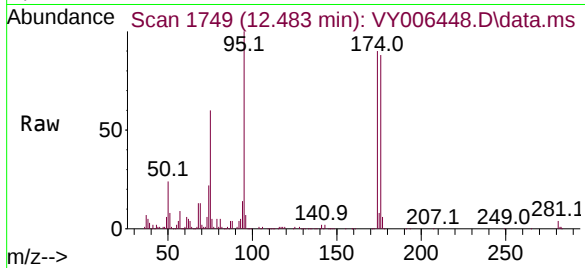




#62
4-Bromofluorobenzene
Concen: 49.368 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

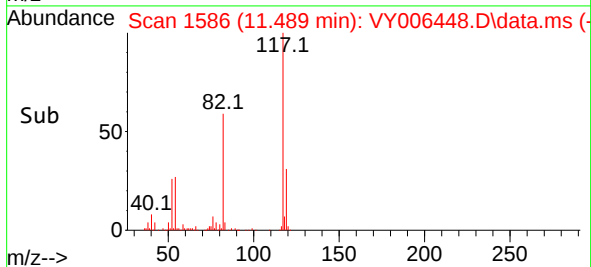
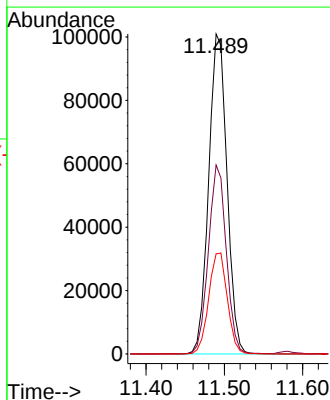
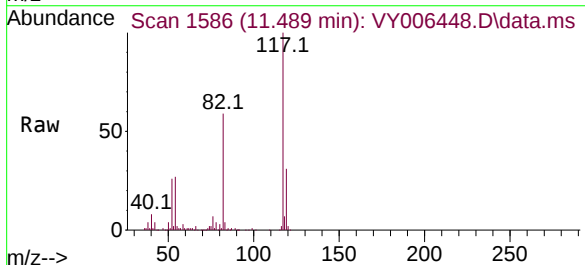
Instrument :
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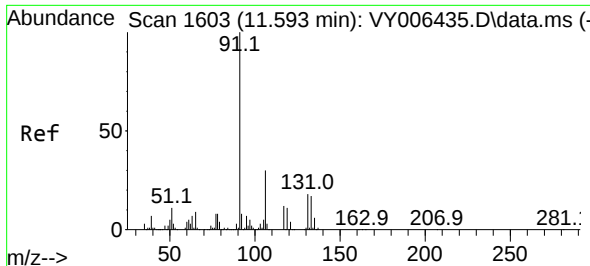
Tgt Ion:	95	Resp:	70022
Ion Ratio	Lower	Upper	
95	100		
174	87.7	0.0	177.0
176	85.9	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Tgt Ion:	117	Resp:	163414
Ion Ratio	Lower	Upper	
117	100		
82	59.0	45.7	68.5
119	31.3	25.5	38.3

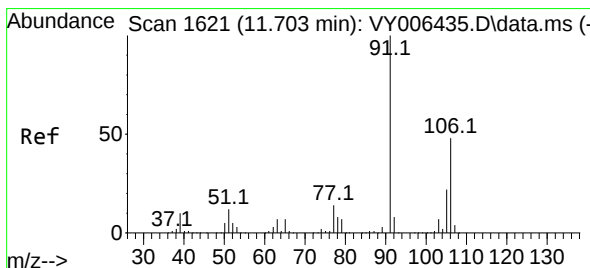
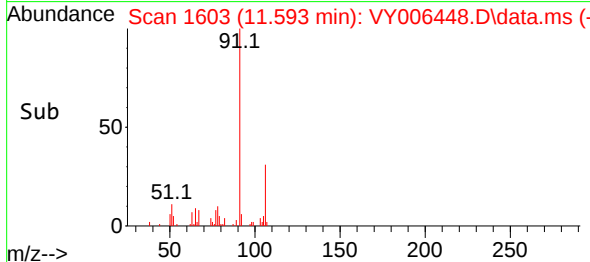
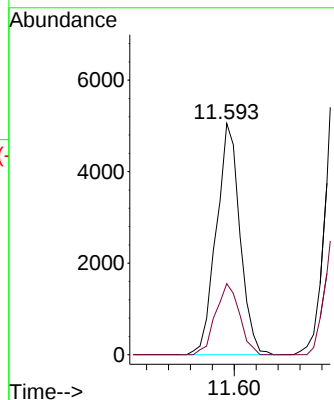
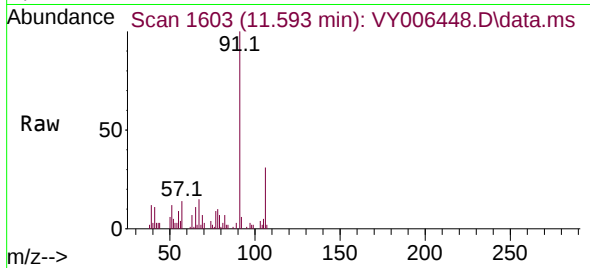




#67
Ethyl Benzene
Concen: 1.248 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

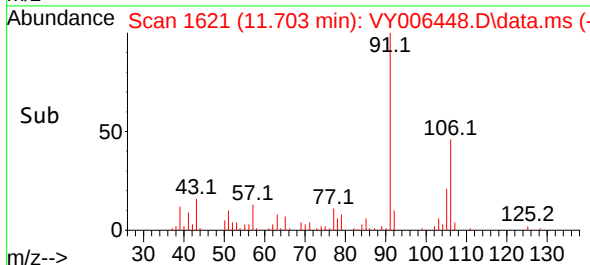
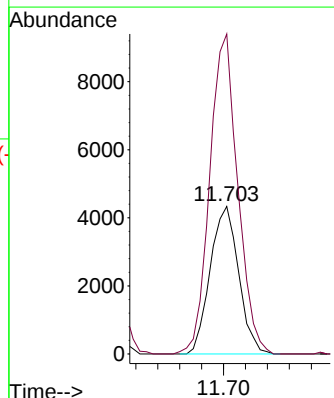
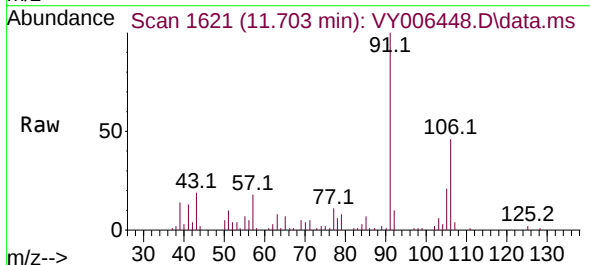
Instrument :
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ClientSampleId :
WC-2-IS

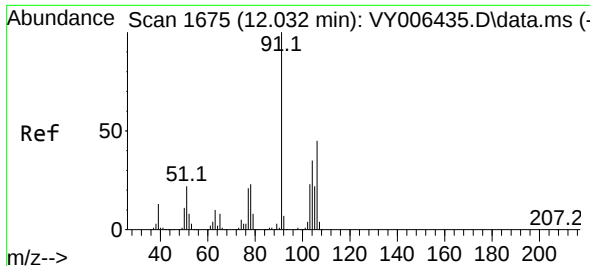
Tgt Ion: 91 Resp: 7560
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4



#68
m/p-Xylenes
Concen: 3.428 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Tgt Ion: 106 Resp: 7810
Ion Ratio Lower Upper
106 100
91 213.4 167.5 251.3

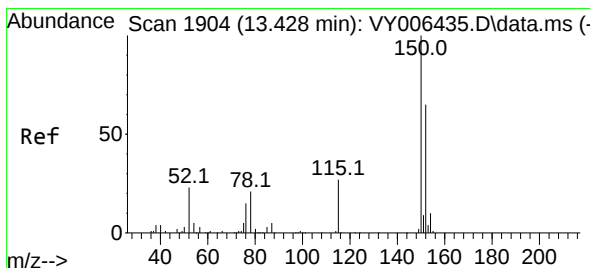
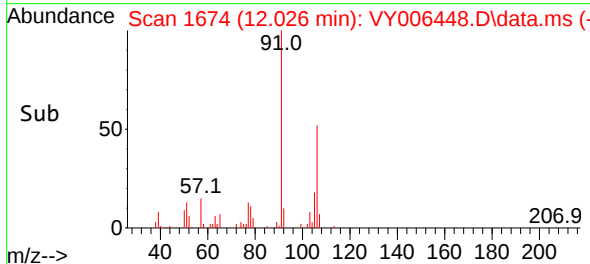
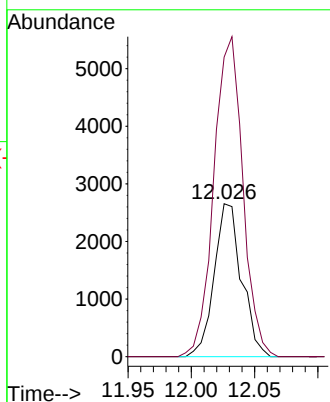
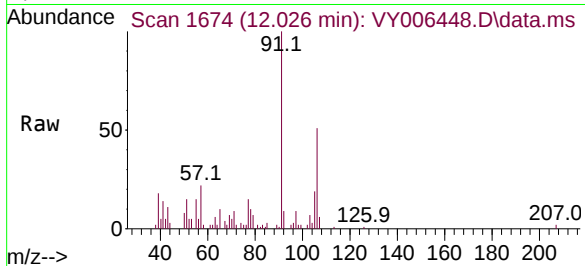




#69
o-Xylene
Concen: 1.841 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-IS

Tgt Ion:106 Resp: 4003
Ion Ratio Lower Upper
106 100
91 221.0 110.3 330.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006448.D
Acq: 22 Oct 2021 18:45

Tgt Ion:152 Resp: 70518
Ion Ratio Lower Upper
152 100
115 57.4 28.5 85.5
150 157.6 0.0 348.2

