

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080621\
 Data File : VY005578.D
 Acq On : 06 Aug 2021 18:06
 Operator : SY/MD
 Sample : M3297-01RE
 Misc : 1.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 128RE

Quant Time: Aug 07 06:21:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

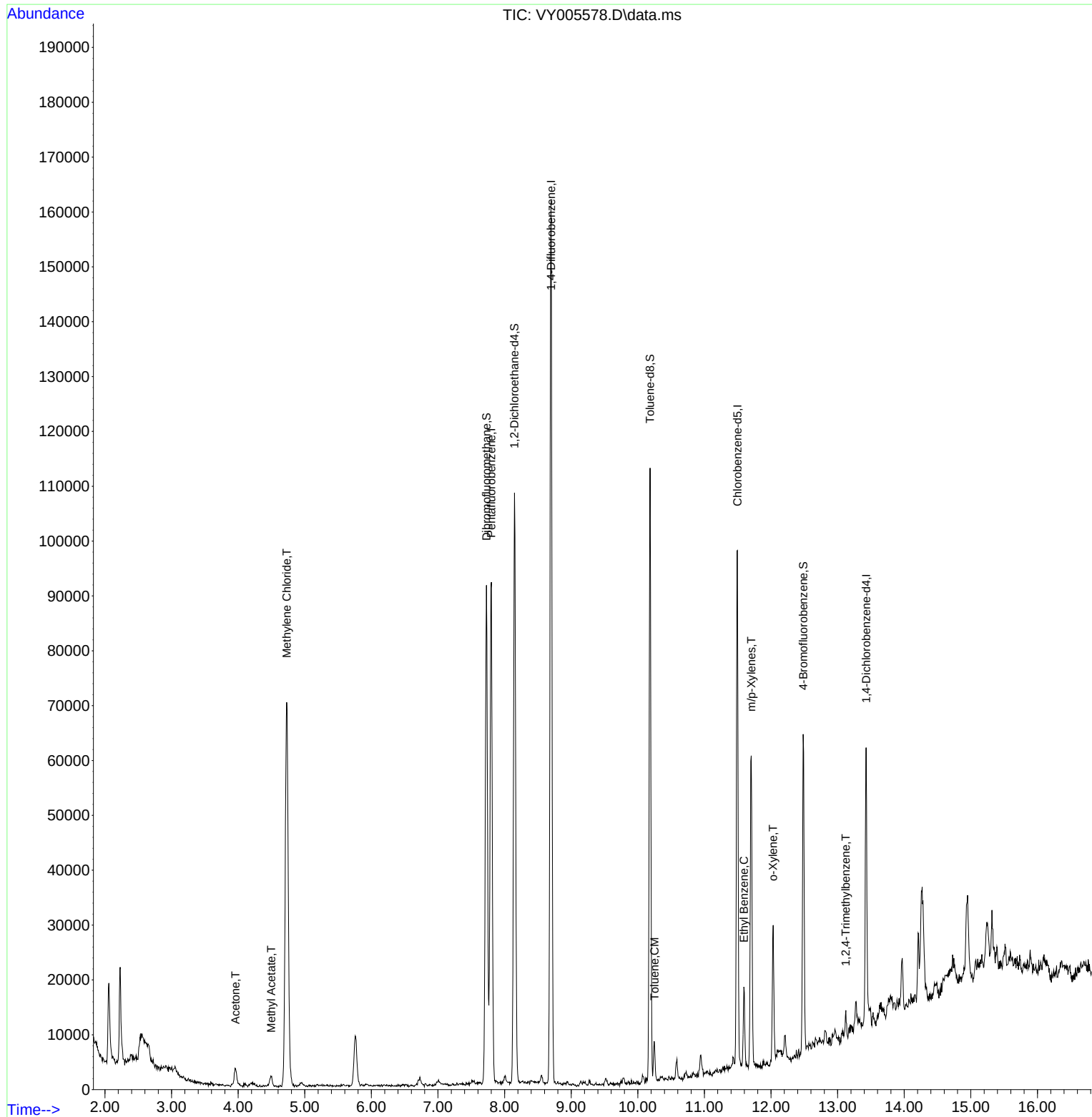
Internal Standards						
1) Pentafluorobenzene	7.801	168	74799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	137195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	51631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87213	115.19	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 230.38%#	
35) Dibromofluoromethane	7.728	113	59877	77.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 155.90%#	
50) Toluene-d8	10.185	98	71892	22.32	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 44.64%#	
62) 4-Bromofluorobenzene	12.483	95	16456	15.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 30.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	5533	28.98	ug/l	92
18) Methyl Acetate	4.497	43	3340	6.69	ug/l	99
20) Methylene Chloride	4.729	84	54711	75.39	ug/l	92
52) Toluene	10.252	92	2915	1.24	ug/l	99
67) Ethyl Benzene	11.593	91	9518	5.05	ug/l	97
68) m/p-Xylenes	11.703	106	17637	24.10	ug/l	99
69) o-Xylene	12.032	106	6572	9.34	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	1578	2.15	ug/l	98

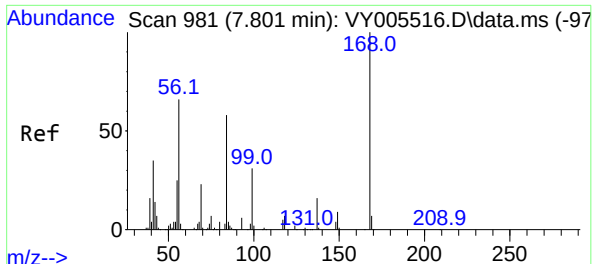
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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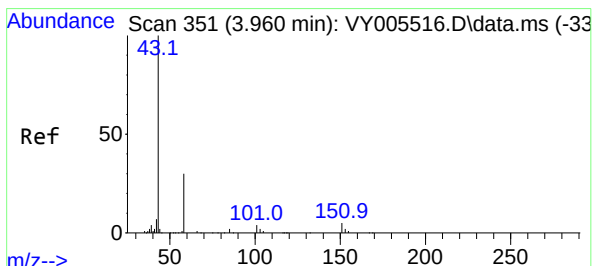
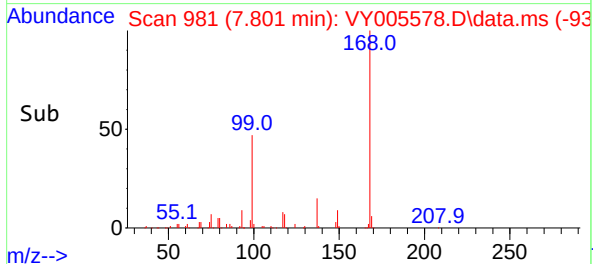
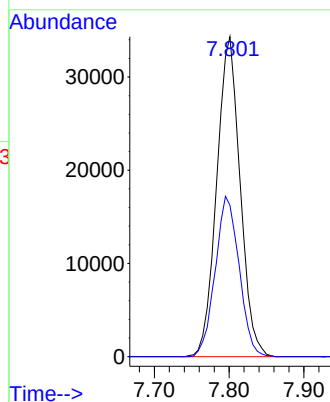
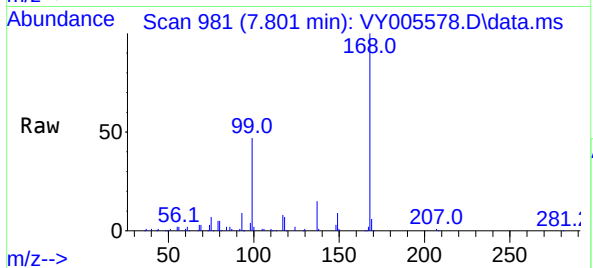




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

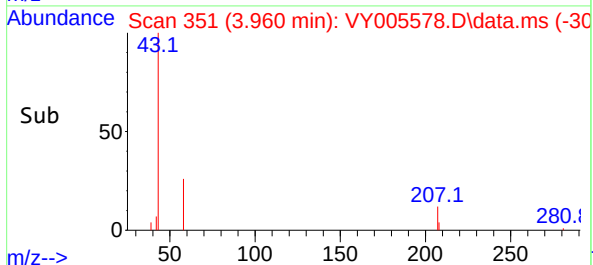
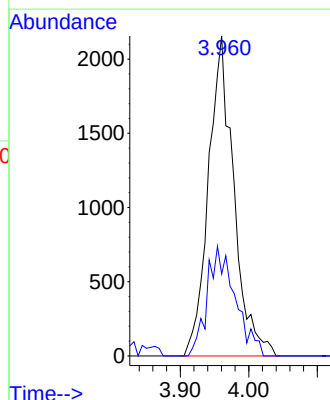
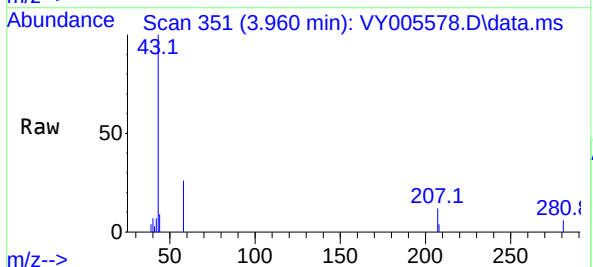
Instrument :
MSVOA_Y
ClientSampleId :
128RE

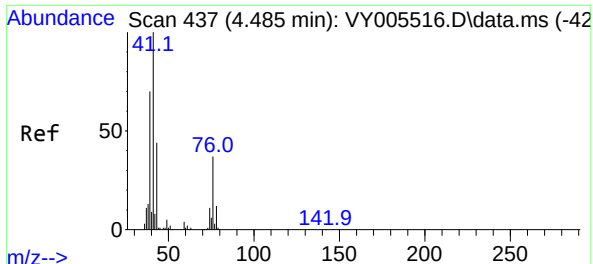
Tgt Ion:168 Resp: 74799
Ion Ratio Lower Upper
168 100
99 47.3 38.9 58.3



#16
Acetone
Concen: 28.98 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion: 43 Resp: 5533
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6





#18

Methyl Acetate

Concen: 6.69 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.012 min

Lab File: VY005578.D

Acq: 06 Aug 2021 18:06

Tgt Ion: 43 Resp: 3340

Ion Ratio Lower Upper

43 100

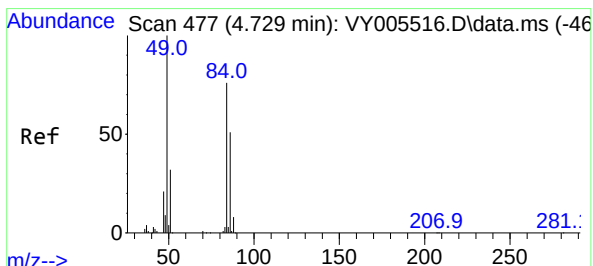
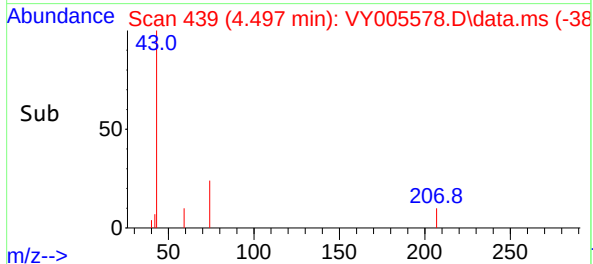
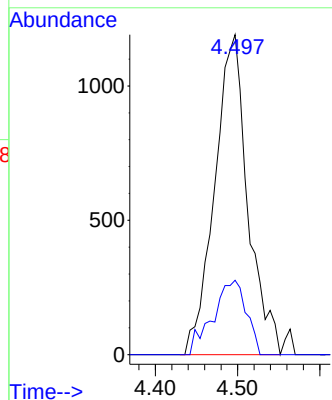
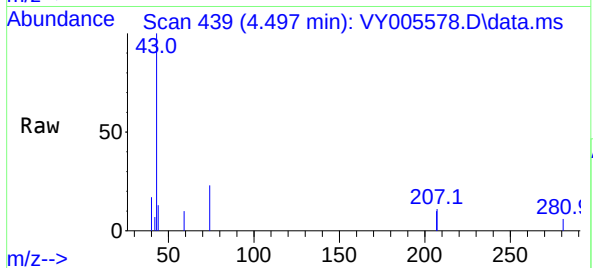
74 23.4 19.0 28.6

Instrument :

MSVOA_Y

ClientSampled :

128RE



#20

Methylene Chloride

Concen: 75.39 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005578.D

Acq: 06 Aug 2021 18:06

Tgt Ion: 84 Resp: 54711

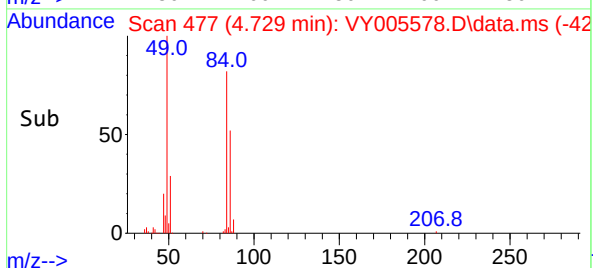
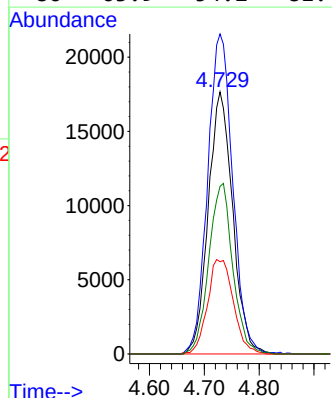
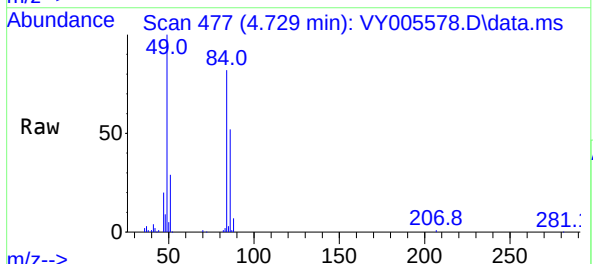
Ion Ratio Lower Upper

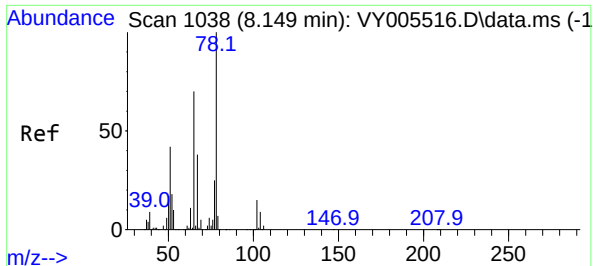
84 100

49 122.1 105.8 158.6

51 35.2 33.4 50.2

86 63.9 54.2 81.4

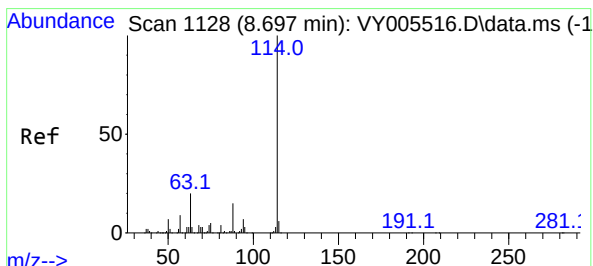
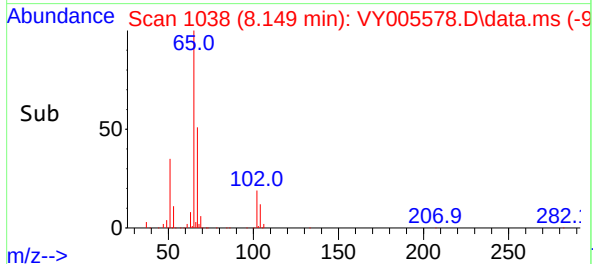
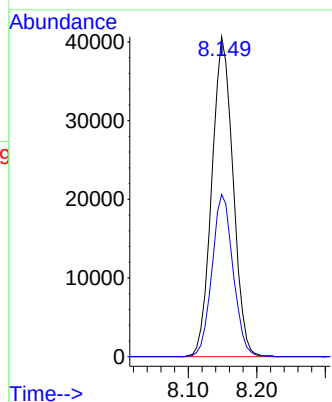
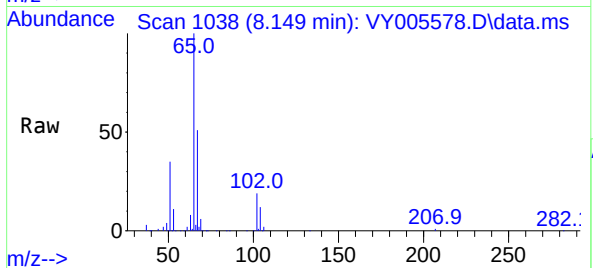




#33
1,2-Dichloroethane-d4
Concen: 115.19 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

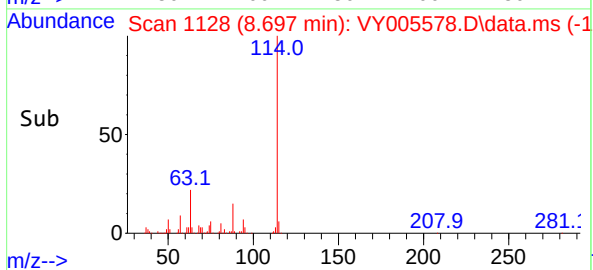
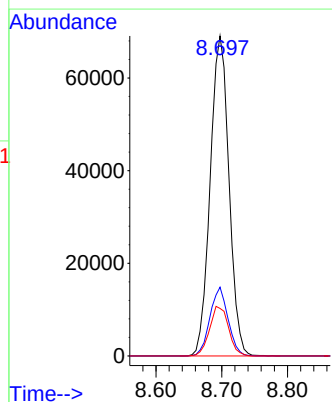
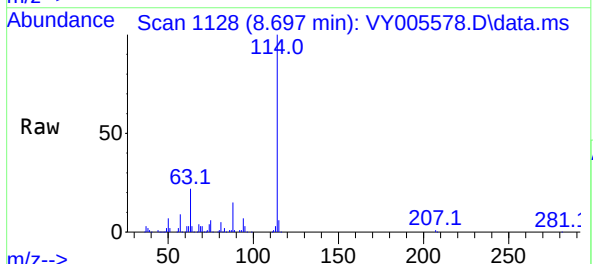
Instrument :
MSVOA_Y
ClientSampleId :
128RE

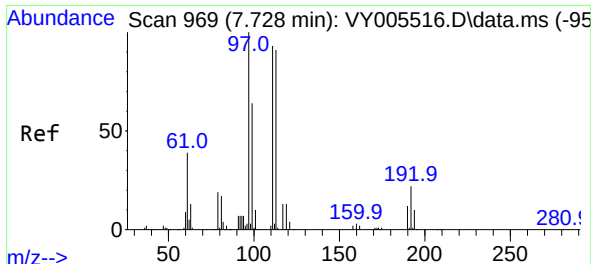
Tgt Ion: 65 Resp: 87213
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion: 114 Resp: 137195
Ion Ratio Lower Upper
114 100
63 21.5 0.0 39.2
88 14.9 0.0 30.8

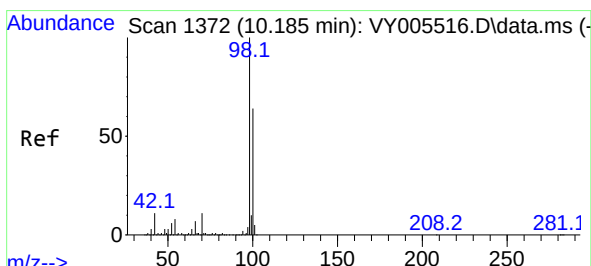
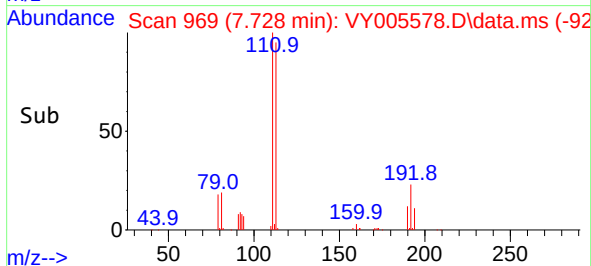
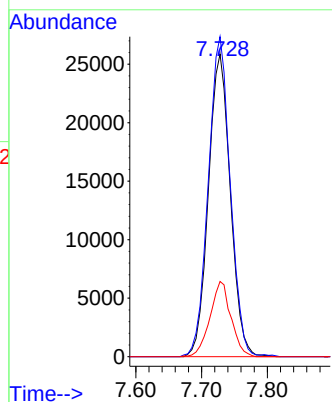
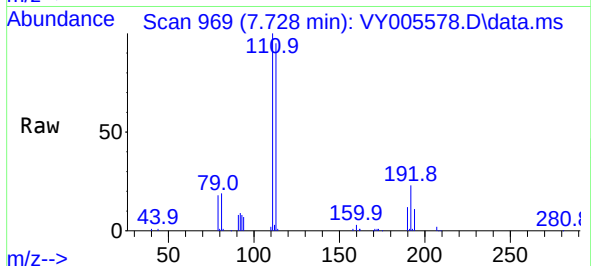




#35
Dibromofluoromethane
Concen: 77.95 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

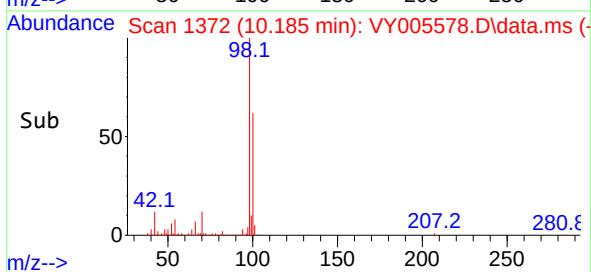
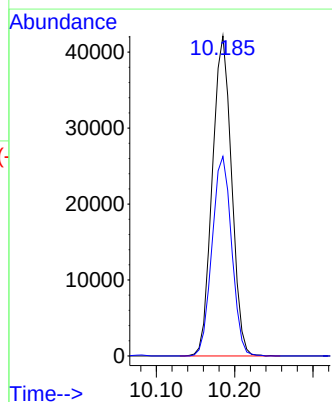
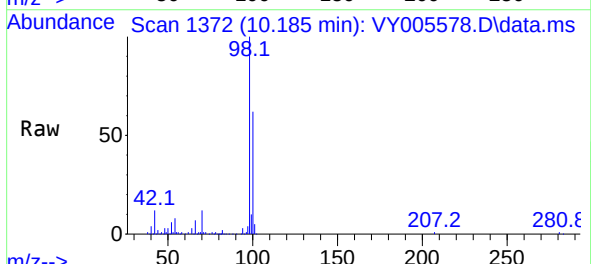
Instrument :
MSVOA_Y
ClientSampleId :
128RE

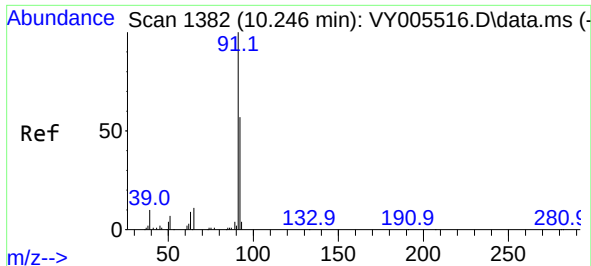
Tgt Ion:113 Resp: 59877
Ion Ratio Lower Upper
113 100
111 105.8 81.9 122.9
192 23.8 19.2 28.8



#50
Toluene-d8
Concen: 22.32 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion: 98 Resp: 71892
Ion Ratio Lower Upper
98 100
100 63.5 51.3 76.9

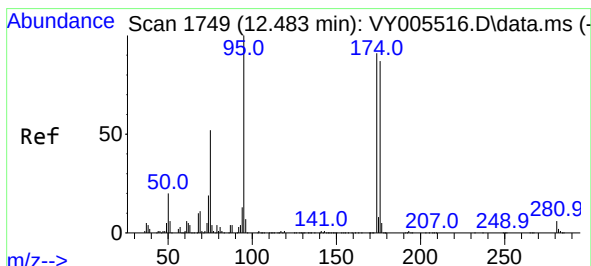
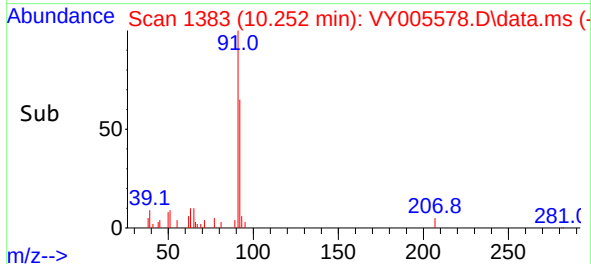
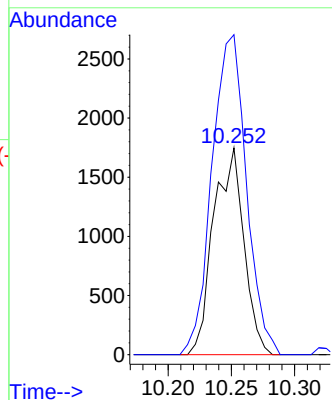
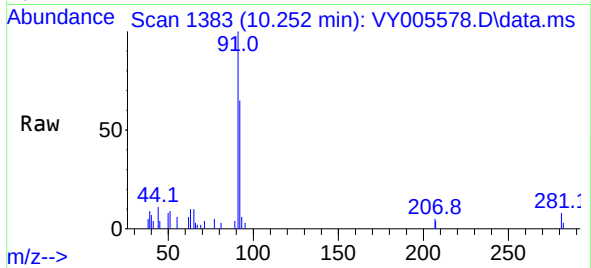




#52
Toluene
Concen: 1.24 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

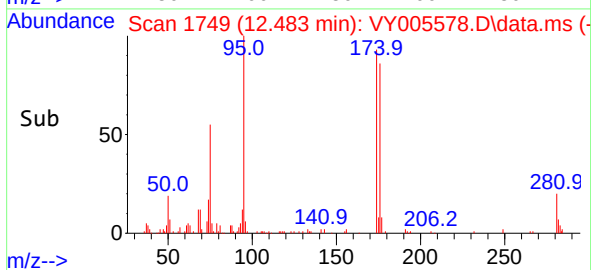
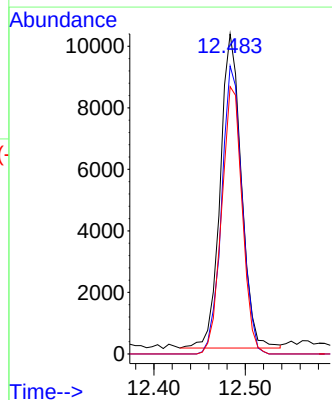
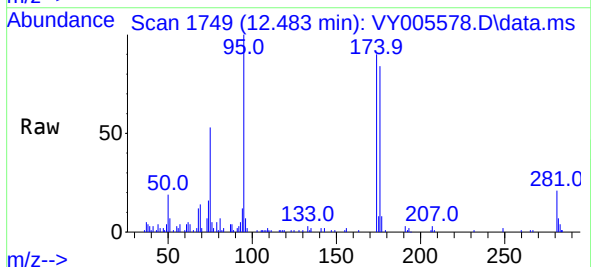
Instrument :
MSVOA_Y
ClientSampled :
128RE

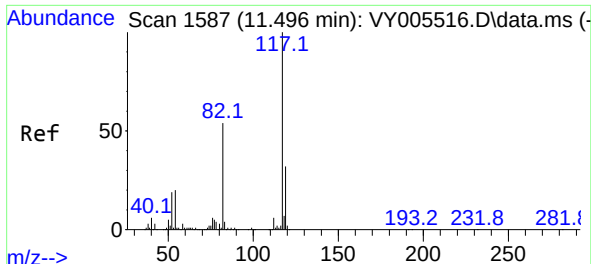
Tgt Ion: 92 Resp: 2915
Ion Ratio Lower Upper
92 100
91 175.7 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 15.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion: 95 Resp: 16456
Ion Ratio Lower Upper
95 100
174 88.6 0.0 191.4
176 82.3 0.0 183.6

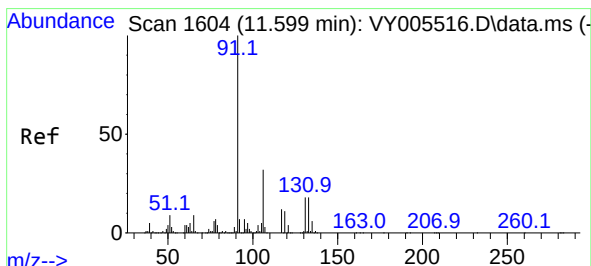
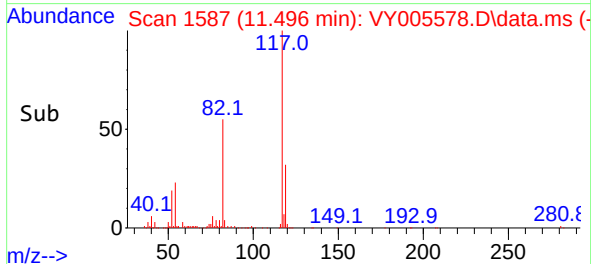
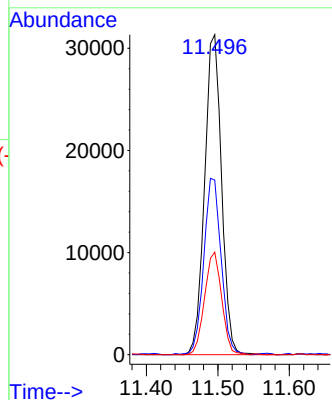
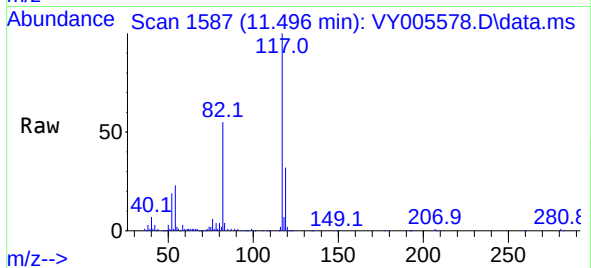




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

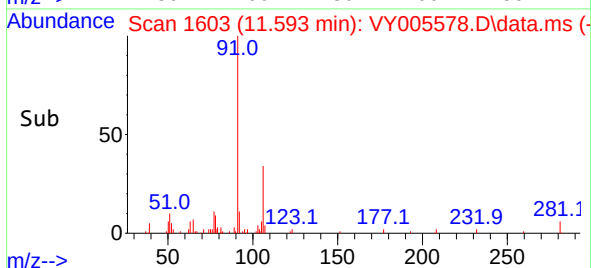
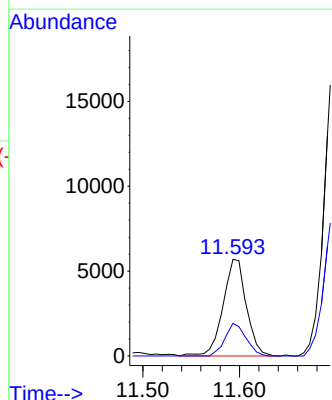
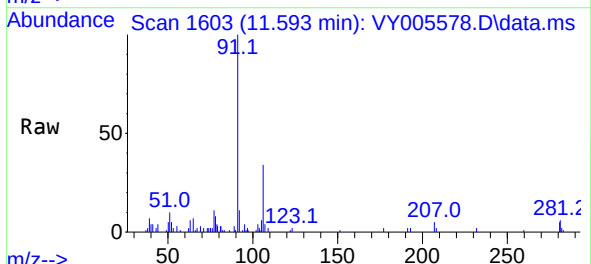
Instrument :
MSVOA_Y
ClientSampleId :
128RE

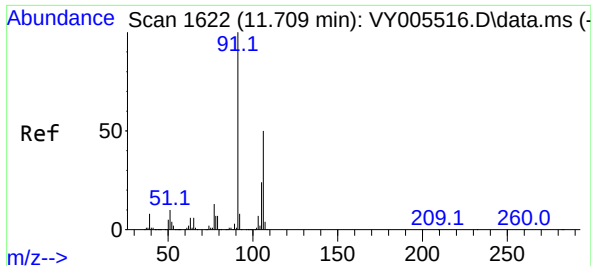
Tgt Ion:	117	Resp:	51631
Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.5	65.3
119	32.0	25.5	38.3



#67
Ethyl Benzene
Concen: 5.05 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion:	91	Resp:	9518
Ion	Ratio	Lower	Upper
91	100		
106	33.8	25.8	38.6

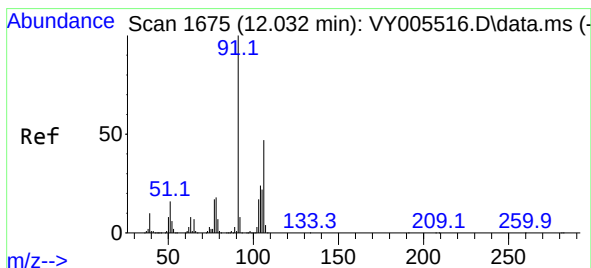
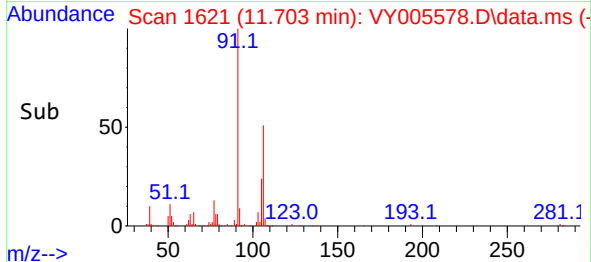
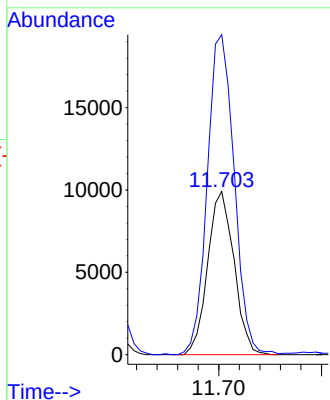
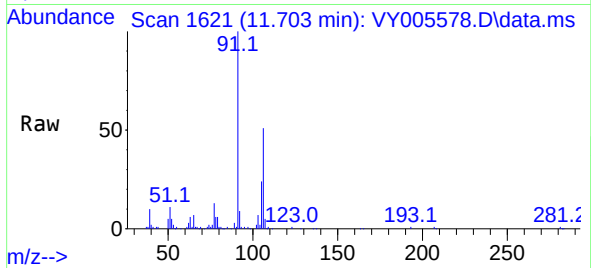




#68
m/p-Xylenes
Concen: 24.10 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

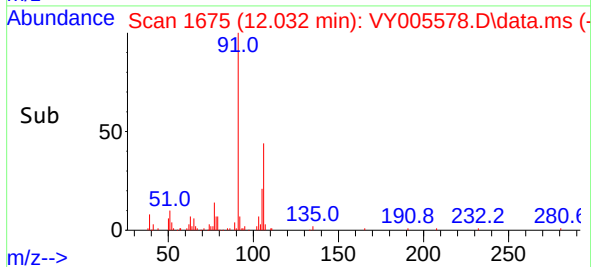
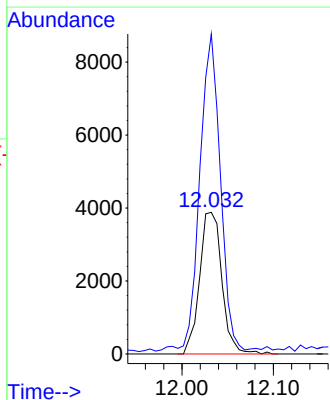
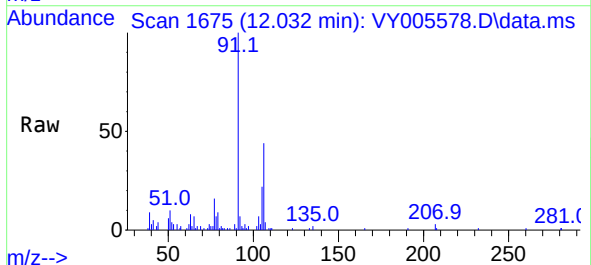
Instrument :
MSVOA_Y
ClientSampleId :
128RE

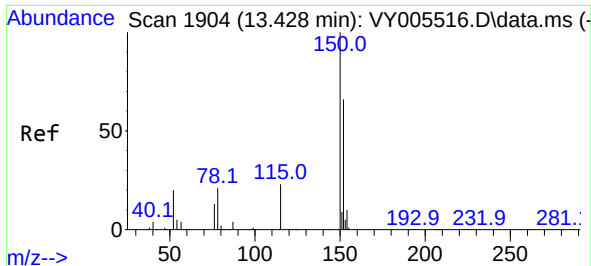
Tgt Ion:106 Resp: 17637
Ion Ratio Lower Upper
106 100
91 200.9 159.6 239.4



#69
o-Xylene
Concen: 9.34 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion:106 Resp: 6572
Ion Ratio Lower Upper
106 100
91 206.4 106.2 318.6

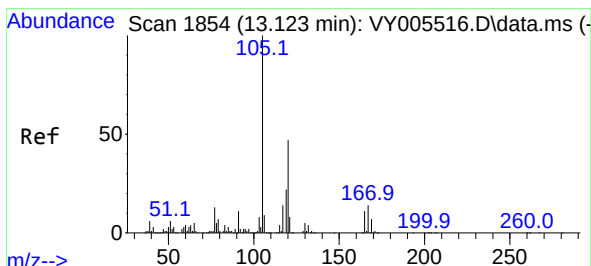
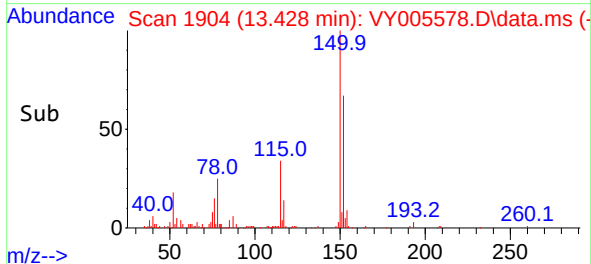
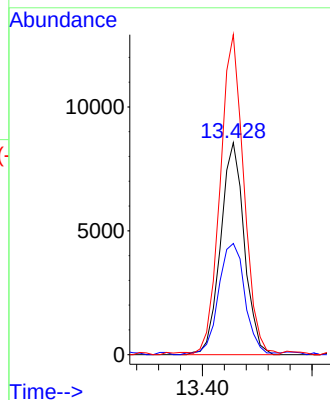
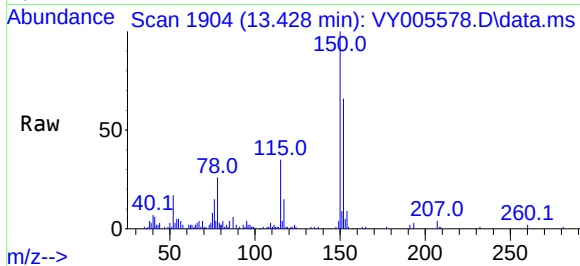




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Instrument :
MSVOA_Y
ClientSampleId :
128RE

Tgt Ion:152 Resp: 12838
Ion Ratio Lower Upper
152 100
115 58.7 27.3 81.9
150 152.0 0.0 350.2



#84
1,2,4-Trimethylbenzene
Concen: 2.15 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005578.D
Acq: 06 Aug 2021 18:06

Tgt Ion:105 Resp: 1578
Ion Ratio Lower Upper
105 100
120 44.6 22.9 68.5

