

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005499.D
 Acq On : 28 Jul 2021 19:00
 Operator : SY/MD
 Sample : M3216-03
 Misc : 10.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210486-72

Quant Time: Jul 29 05:35:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

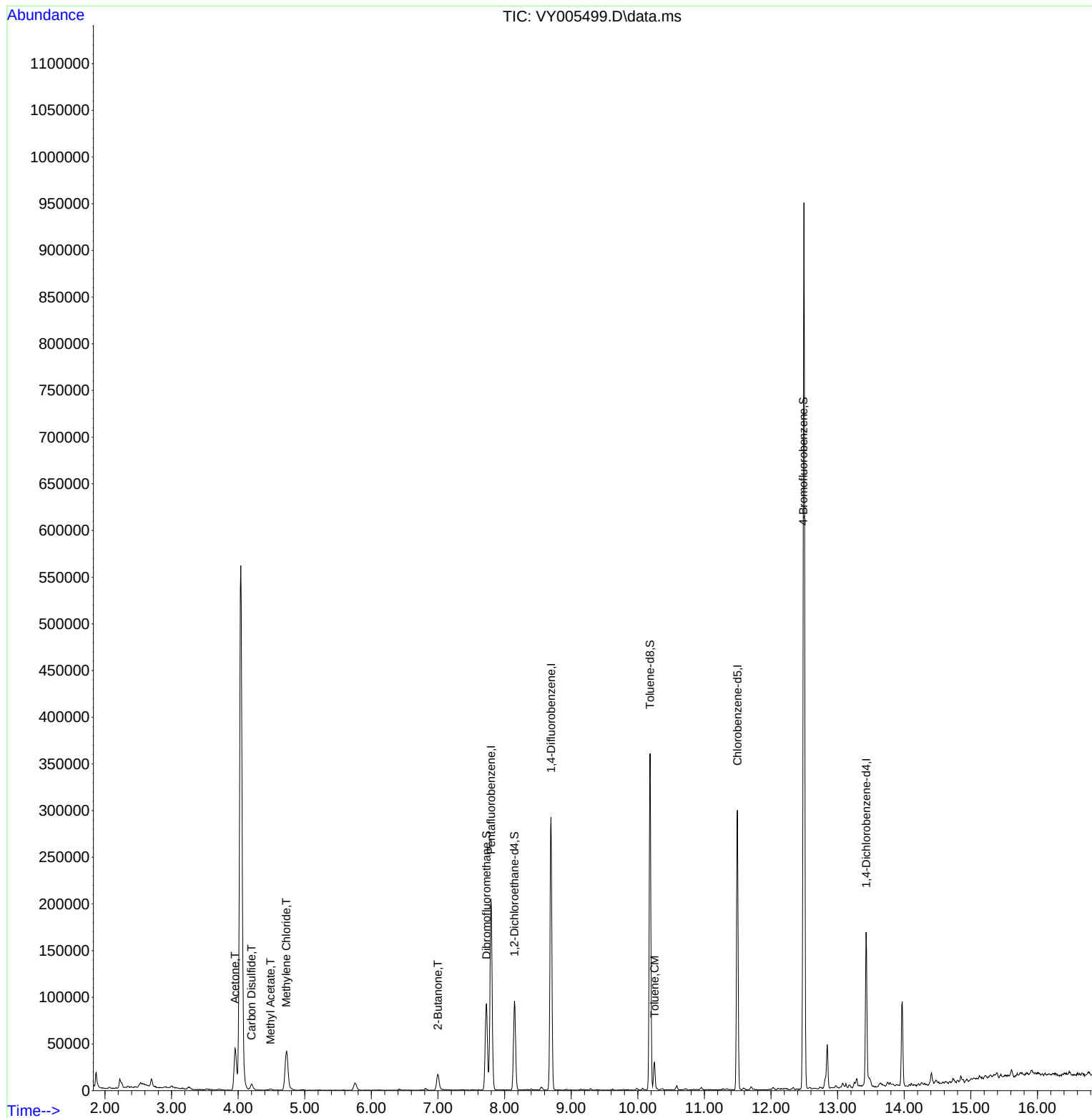
Internal Standards						
1) Pentafluorobenzene	7.795	168	165111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	243930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	158755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76498	43.368	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.740%		
35) Dibromofluoromethane	7.728	113	62934	44.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.360%		
50) Toluene-d8	10.185	98	232907	39.015	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.040%		
62) 4-Bromofluorobenzene	12.483	95	48206	24.467	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	48.940%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	77034	191.231	ug/l	98
17) Carbon Disulfide	4.198	76	11074	2.121	ug/l	99
18) Methyl Acetate	4.485	43	2489	2.198	ug/l	94
20) Methylene Chloride	4.722	84	32403	13.087	ug/l	98
25) 2-Butanone	6.996	43	26593	44.083	ug/l	99
52) Toluene	10.252	92	12225	2.840	ug/l	96

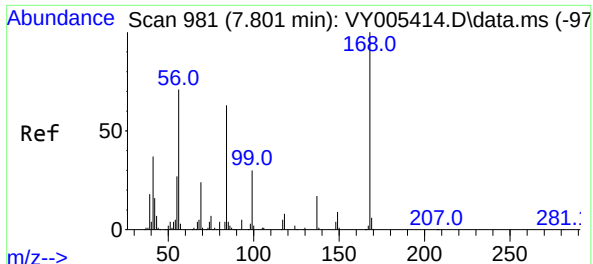
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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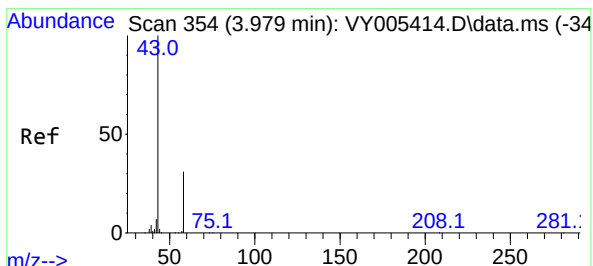
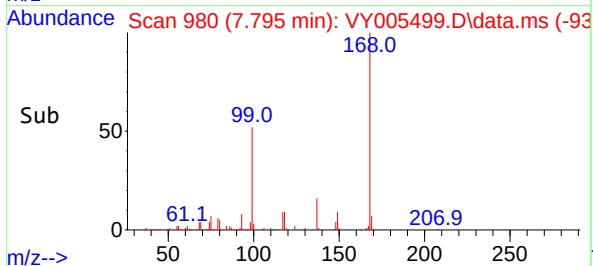
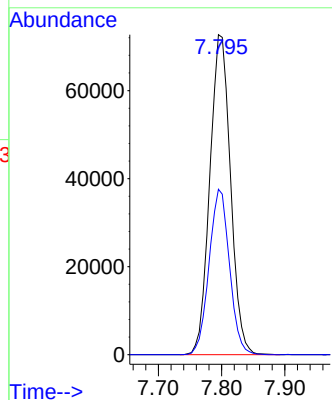
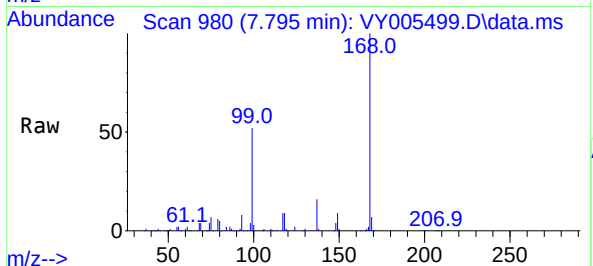




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

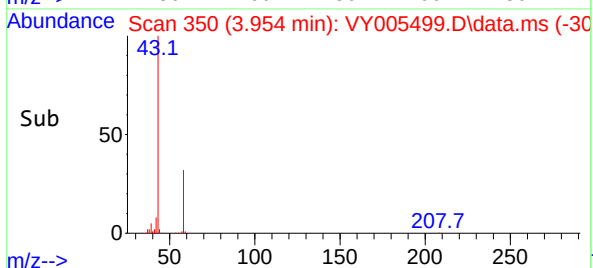
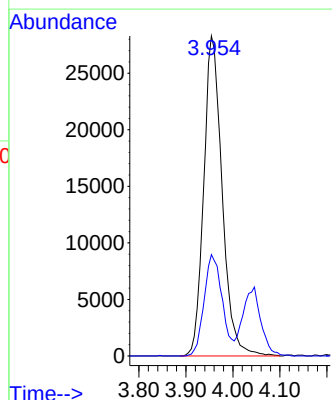
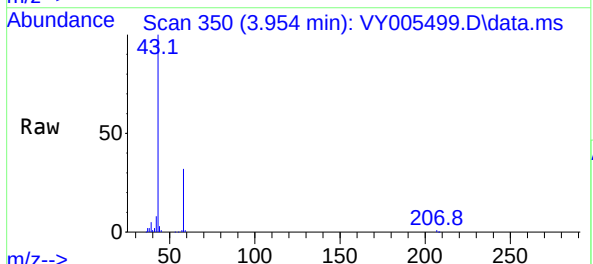
Instrument :
MSVOA_Y
ClientSampleId :
20210486-72

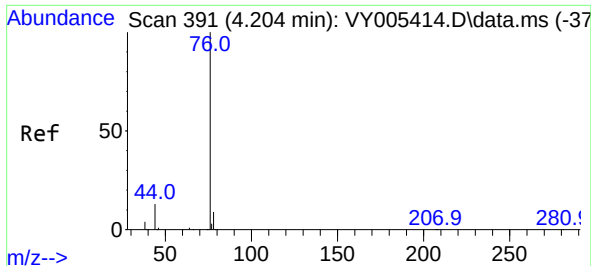
Tgt Ion:168 Resp: 165111
Ion Ratio Lower Upper
168 100
99 51.7 39.8 59.6



#16
Acetone
Concen: 191.231 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.024 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion: 43 Resp: 77034
Ion Ratio Lower Upper
43 100
58 31.6 24.5 36.7

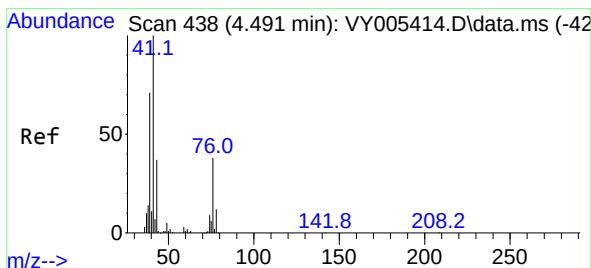
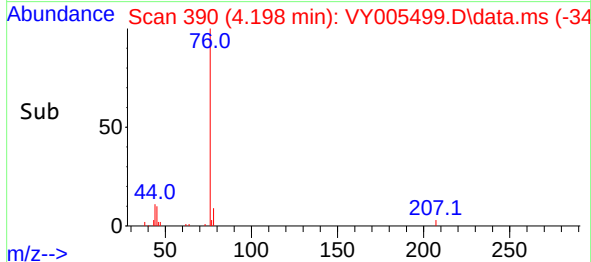
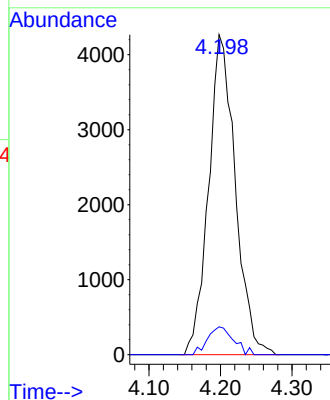
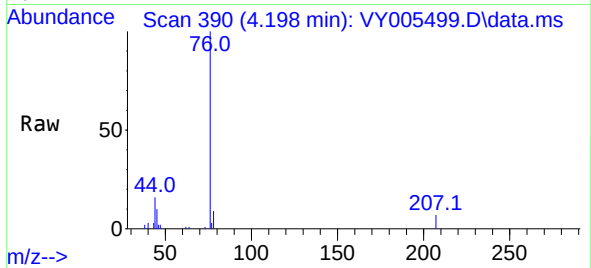




#17
Carbon Disulfide
Concen: 2.121 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

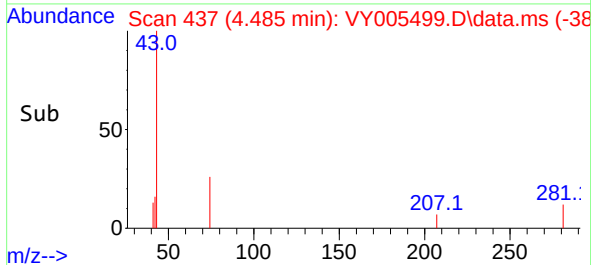
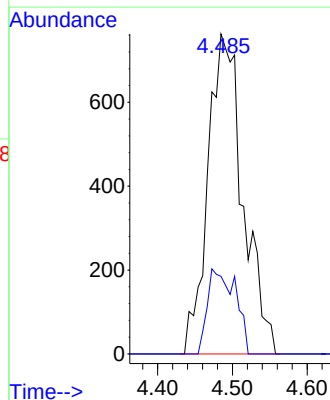
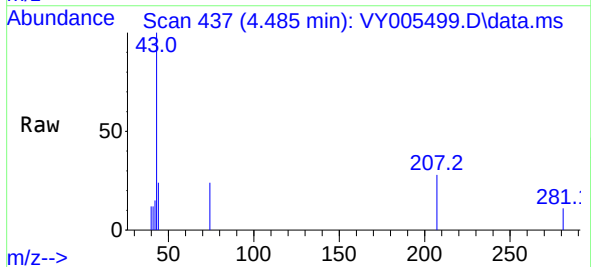
Instrument :
MSVOA_Y
ClientSampleId :
20210486-72

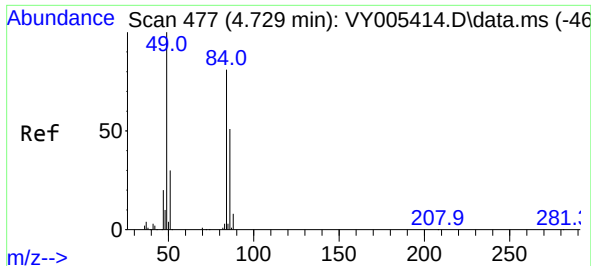
Tgt Ion: 76 Resp: 11074
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9



#18
Methyl Acetate
Concen: 2.198 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion: 43 Resp: 2489
Ion Ratio Lower Upper
43 100
74 21.1 19.2 28.8



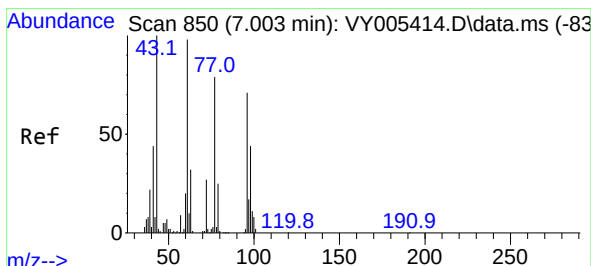
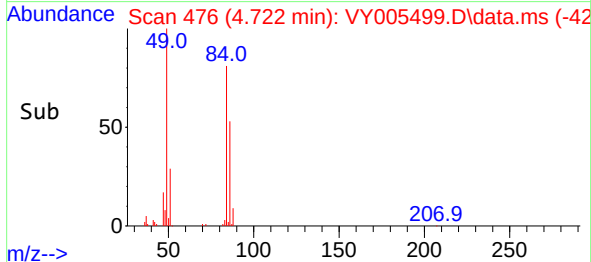
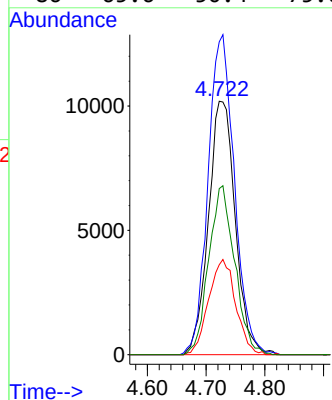
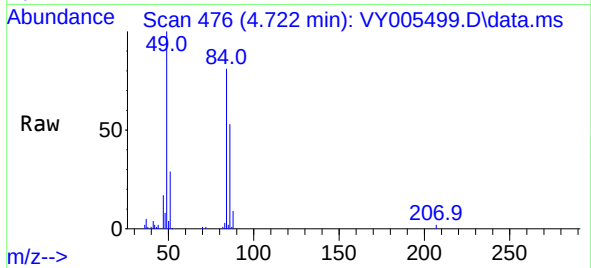


#20
Methylene Chloride
Concen: 13.087 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
20210486-72

Tgt Ion: 84 Resp: 32403

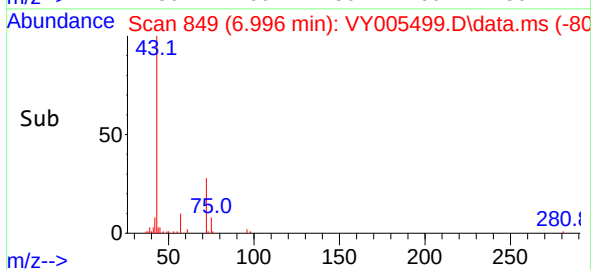
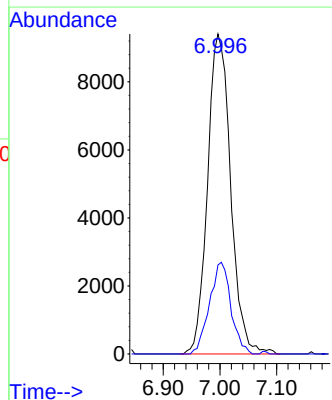
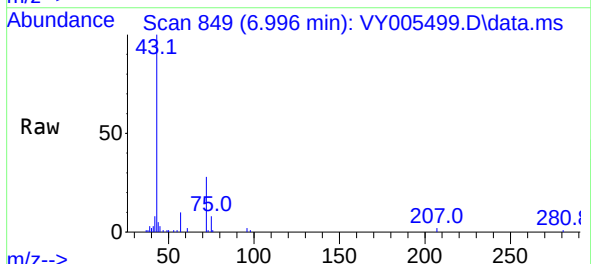
Ion	Ratio	Lower	Upper
84	100		
49	123.4	98.9	148.3
51	35.5	30.0	45.0
86	65.6	50.4	75.6

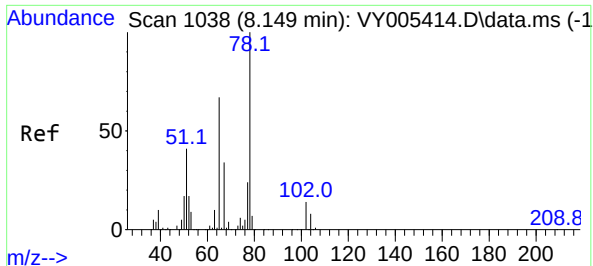


#25
2-Butanone
Concen: 44.083 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion: 43 Resp: 26593

Ion	Ratio	Lower	Upper
43	100		
72	27.8	21.9	32.9

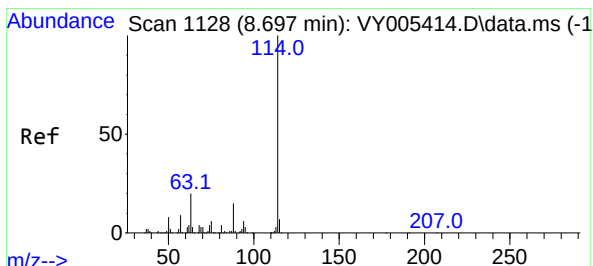
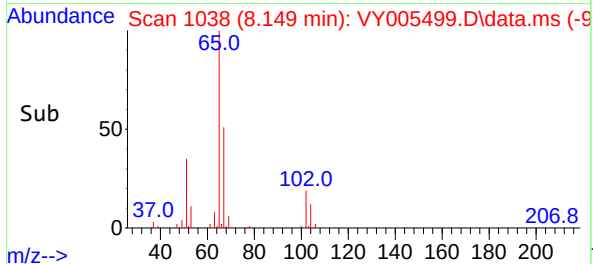
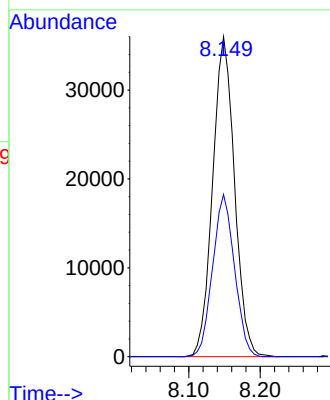
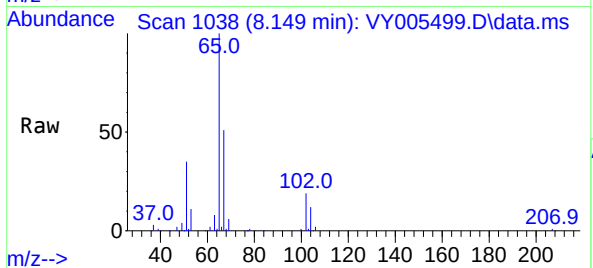




#33
1,2-Dichloroethane-d4
Concen: 43.368 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

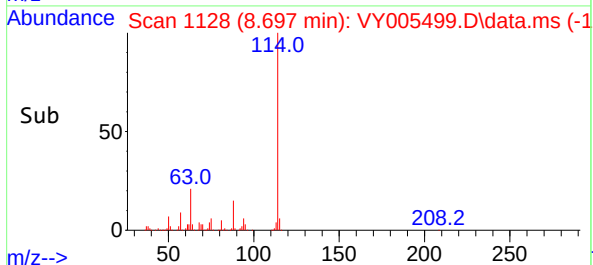
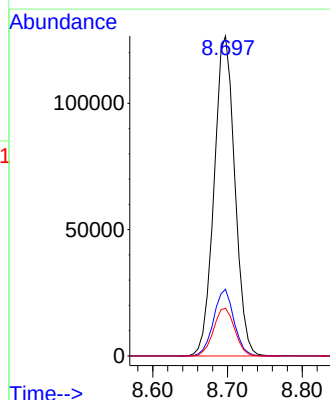
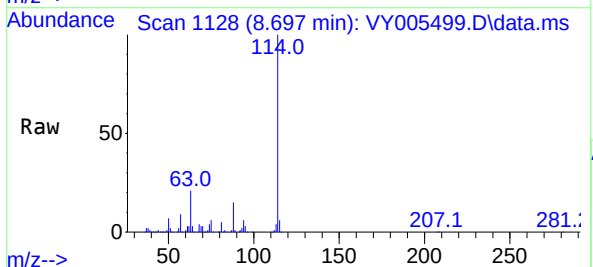
Instrument :
MSVOA_Y
ClientSampleId :
20210486-72

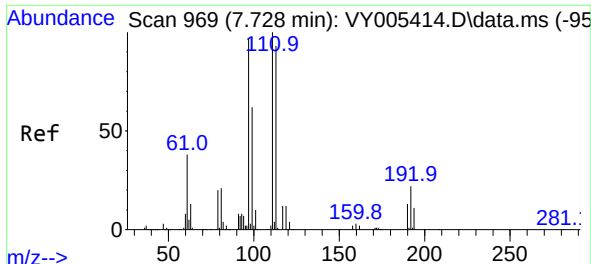
Tgt Ion: 65 Resp: 76498
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion:114 Resp: 243930
Ion Ratio Lower Upper
114 100
63 20.9 0.0 39.0
88 14.9 0.0 30.8

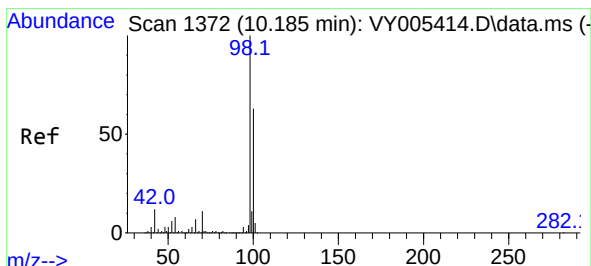
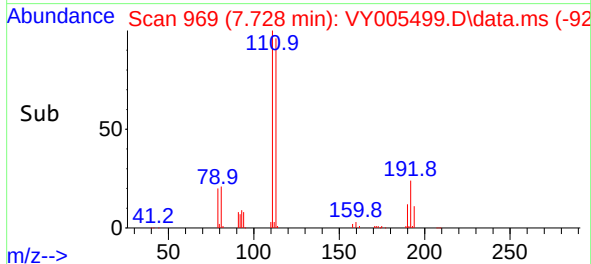
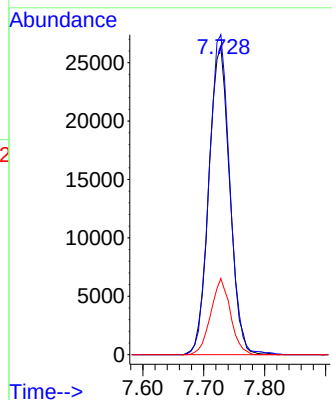
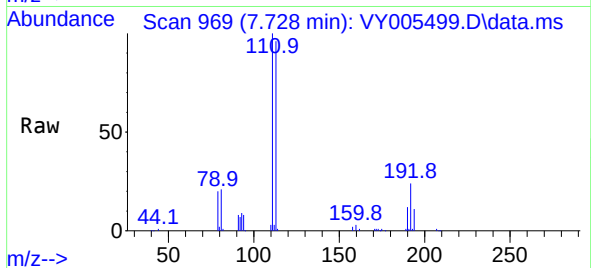




#35
Dibromofluoromethane
Concen: 44.682 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

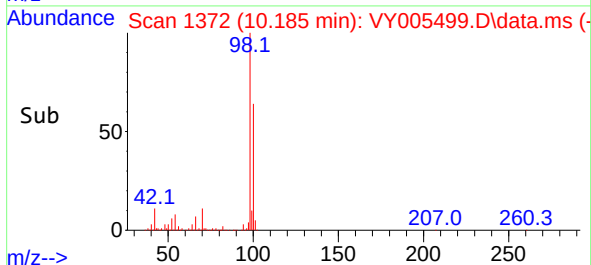
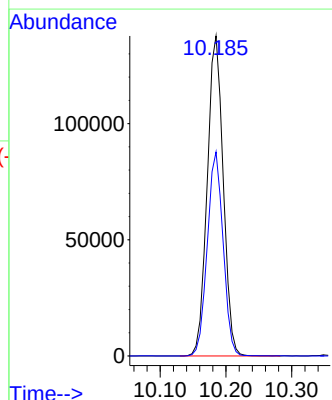
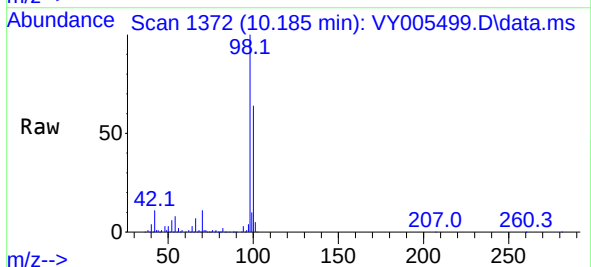
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MSVOA_Y
ClientSampled :
20210486-72

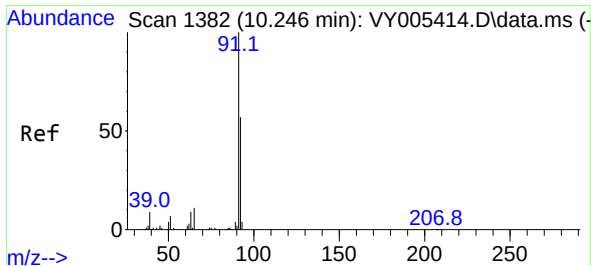
Tgt Ion:113 Resp: 62934
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 23.3 18.9 28.3



#50
Toluene-d8
Concen: 39.015 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion: 98 Resp: 232907
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3

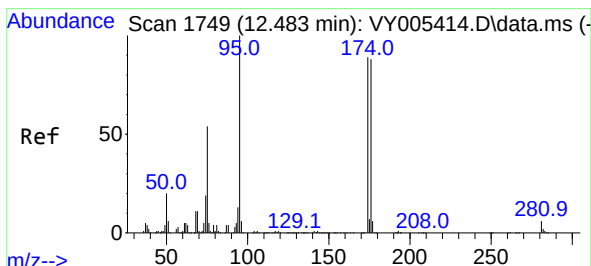
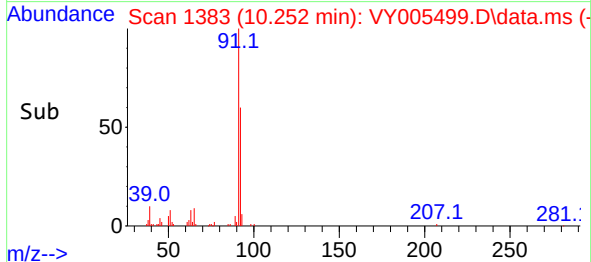
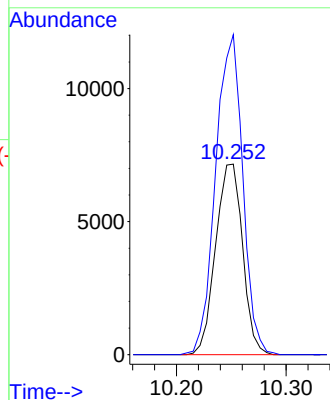
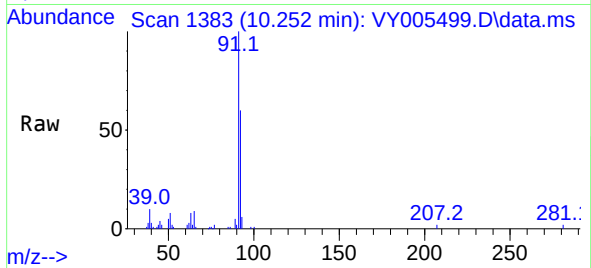




#52
Toluene
Concen: 2.840 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

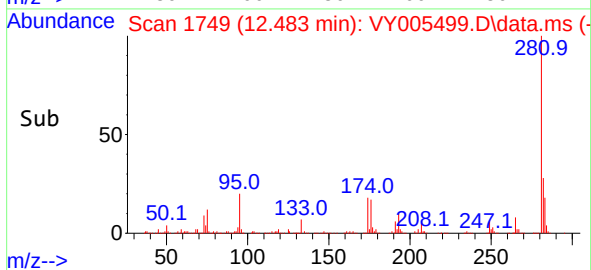
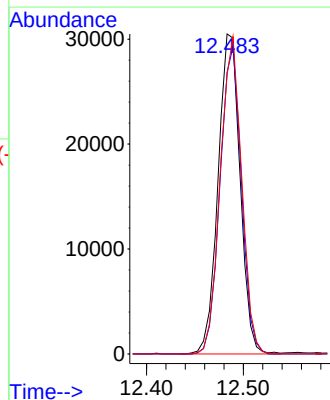
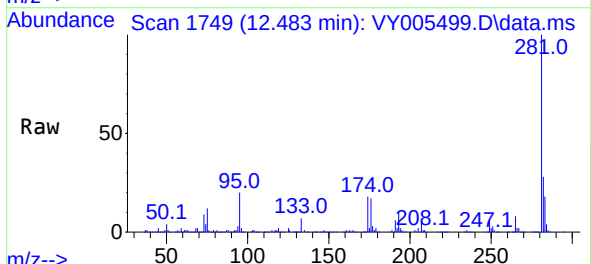
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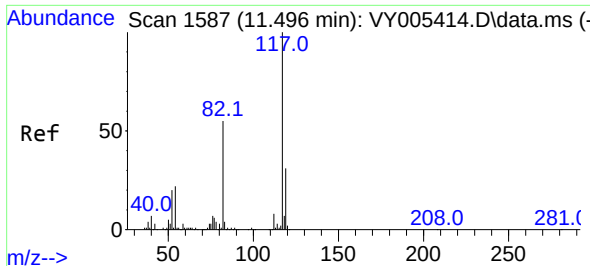
Tgt Ion: 92 Resp: 12225
Ion Ratio Lower Upper
92 100
91 169.1 140.1 210.1



#62
4-Bromofluorobenzene
Concen: 24.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion: 95 Resp: 48206
Ion Ratio Lower Upper
95 100
174 92.7 0.0 186.6
176 95.9 0.0 182.4

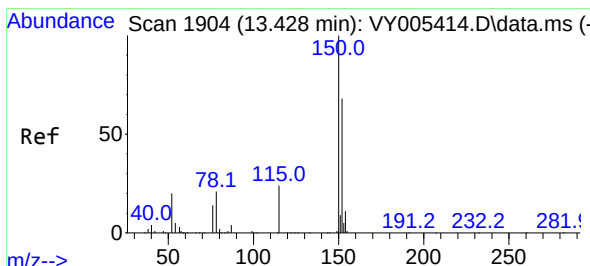
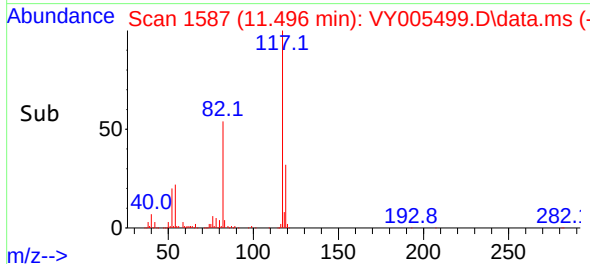
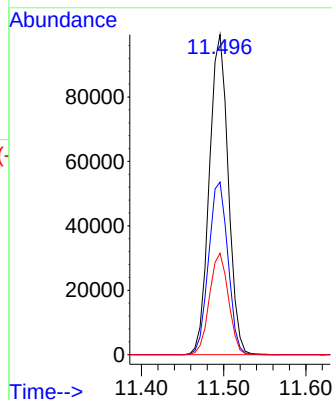
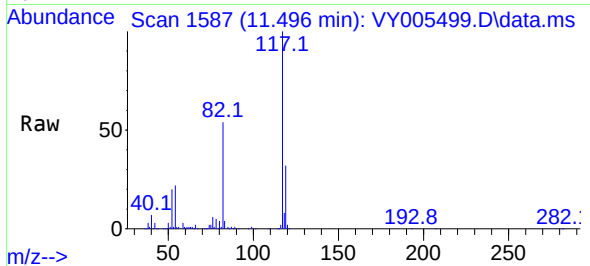




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Instrument :
MSVOA_Y
ClientSampleId :
20210486-72

Tgt Ion:	117	Resp:	158755
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.8	65.6
119	31.7	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005499.D
Acq: 28 Jul 2021 19:00

Tgt Ion:	152	Resp:	42483
Ion	Ratio	Lower	Upper
152	100		
115	55.0	27.7	83.1
150	156.3	0.0	349.6

