

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072321\
 Data File : VY005435.D
 Acq On : 23 Jul 2021 22:51
 Operator : SY/MD
 Sample : M3159-08
 Misc : 3.77G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20210453-39

Quant Time: Jul 24 03:05:18 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)

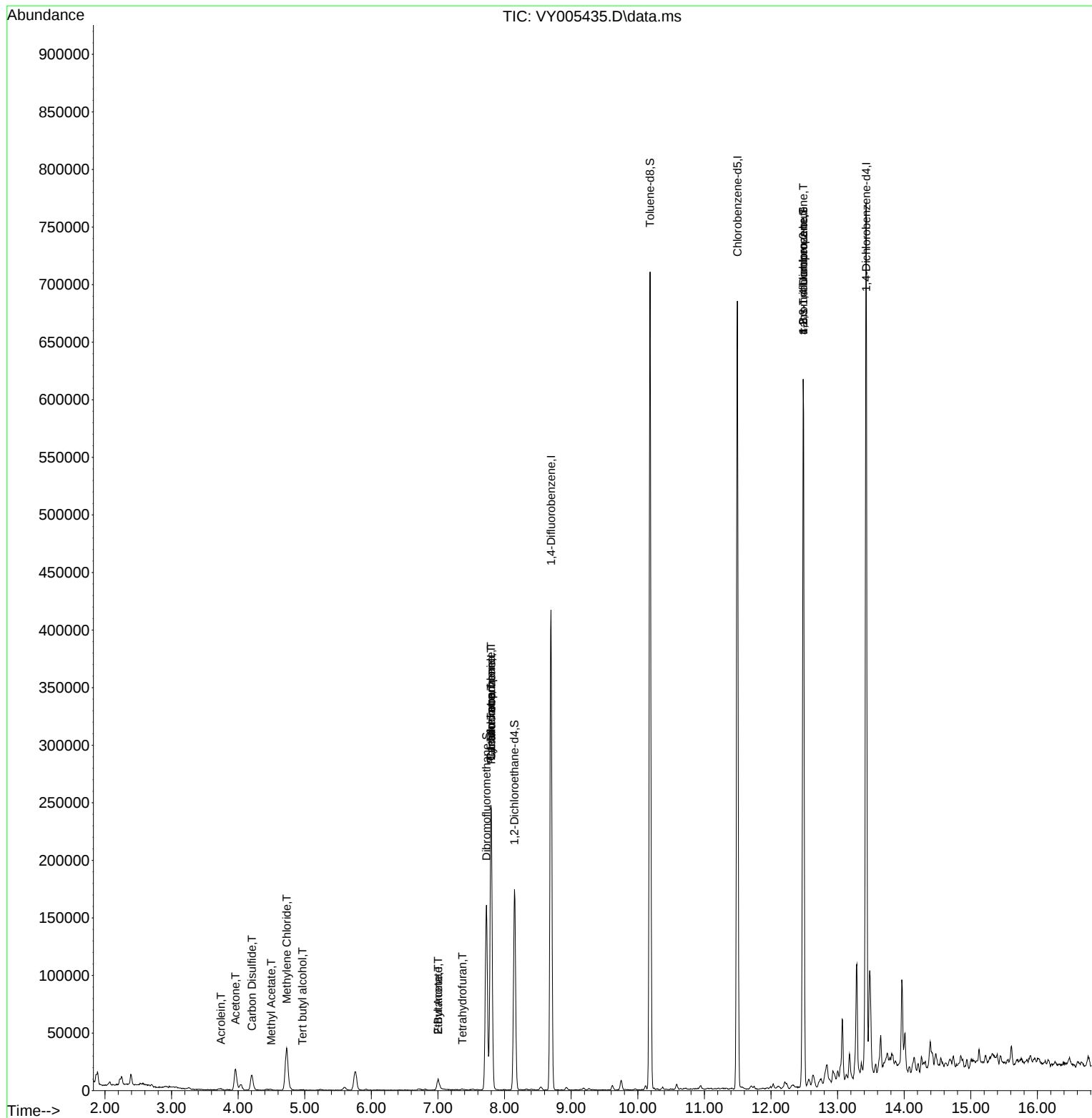
Internal Standards						
1) Pentafluorobenzene	7.801	168	203152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	351118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	358809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	192065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	142145	65.494	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.980%			
35) Dibromofluoromethane	7.728	113	107628	53.087	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.180%			
50) Toluene-d8	10.185	98	449888	52.356	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.720%			
62) 4-Bromofluorobenzene	12.483	95	165952	58.516	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 117.040%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	864	4.214	ug/l #	82
13) Acrolein	3.741	56	1466	7.808	ug/l #	33
16) Acetone	3.960	43	31856	64.272	ug/l	100
17) Carbon Disulfide	4.204	76	25163	3.918	ug/l	99
18) Methyl Acetate	4.497	43	1465	1.052	ug/l #	61
20) Methylene Chloride	4.729	84	27099	8.468	ug/l	97
25) 2-Butanone	7.003	43	12639	17.028	ug/l	93
29) Tetrahydrofuran	7.368	42	523	1.064	ug/l #	70
31) Cyclohexane	7.795	56	4774	1.288	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15003	4.419	ug/l #	50
37) Ethyl Acetate	7.003	43	12639	6.116	ug/l #	70
38) Carbon Tetrachloride	7.795	117	18515	4.991	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	93552	49.502	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93552	96.118	ug/l #	12

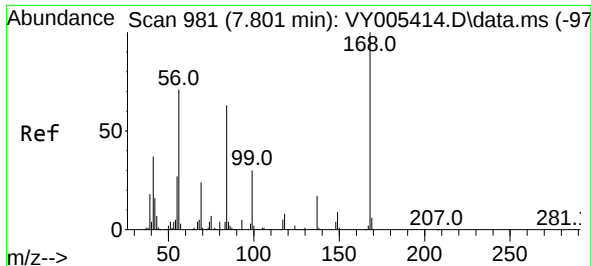
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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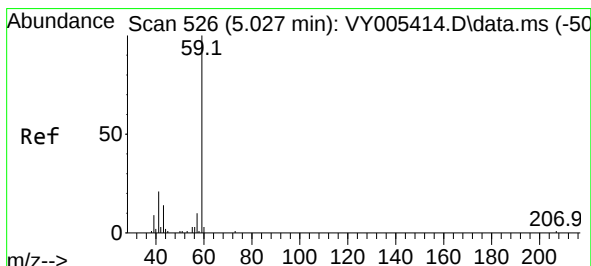
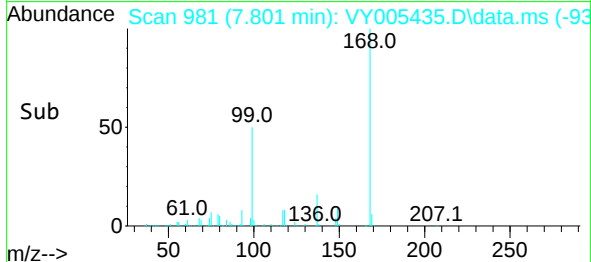
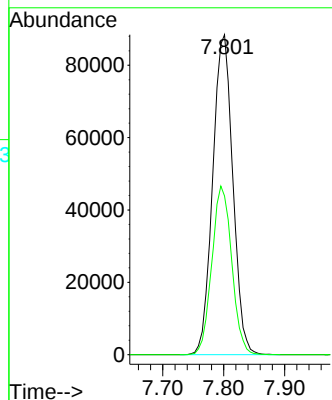
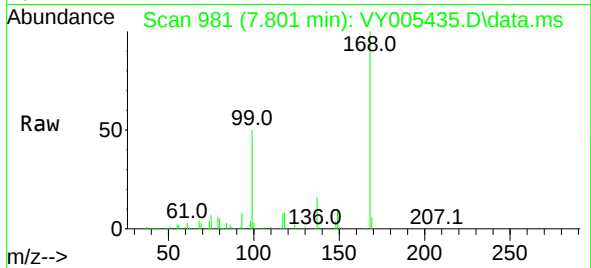




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

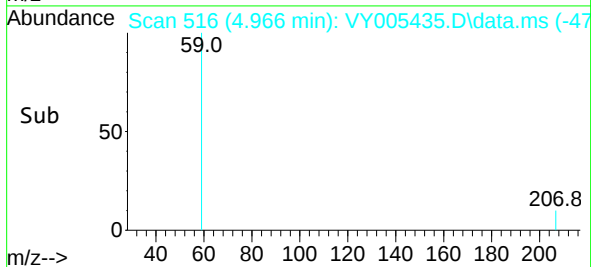
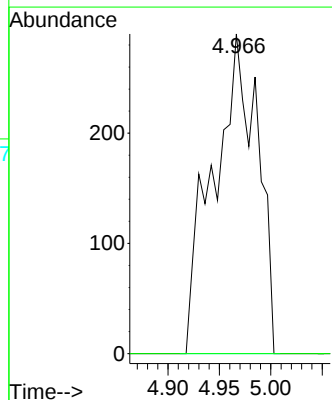
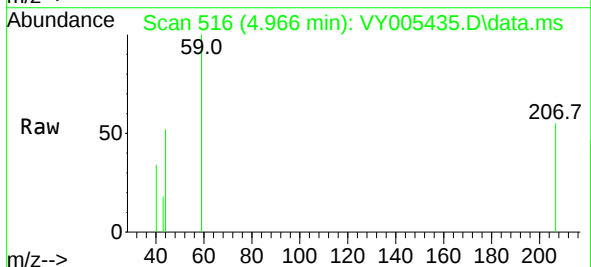
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

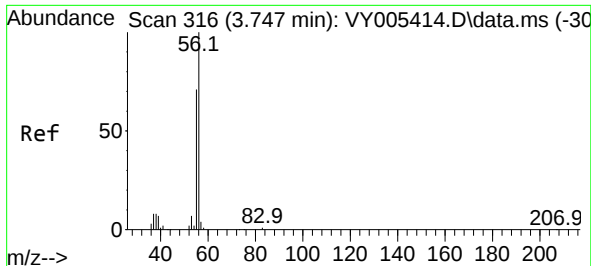
Tgt Ion:168 Resp: 203152
Ion Ratio Lower Upper
168 100
99 49.6 39.8 59.6



#11
Tert butyl alcohol
Concen: 4.214 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.061 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion: 59 Resp: 864
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

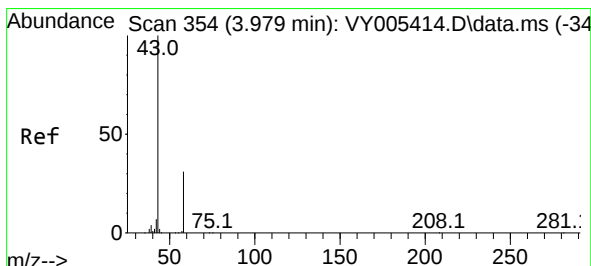
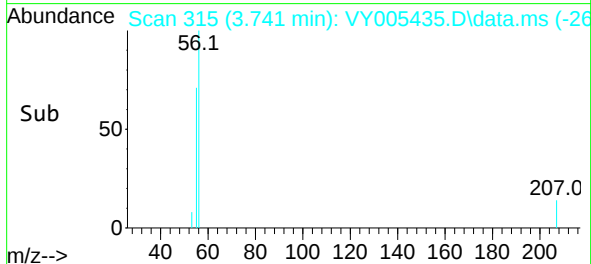
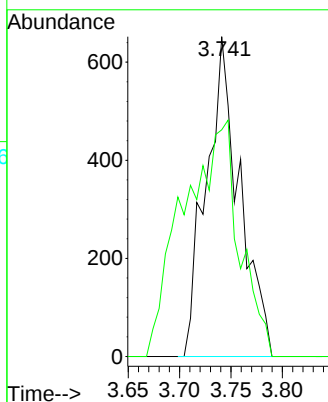
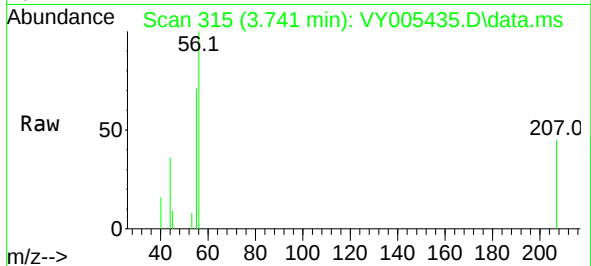




#13
Acrolein
Concen: 7.808 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.006 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

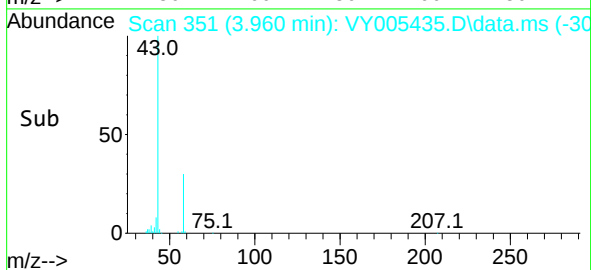
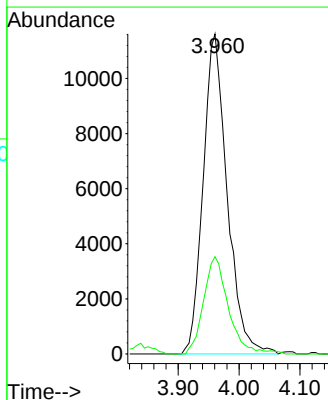
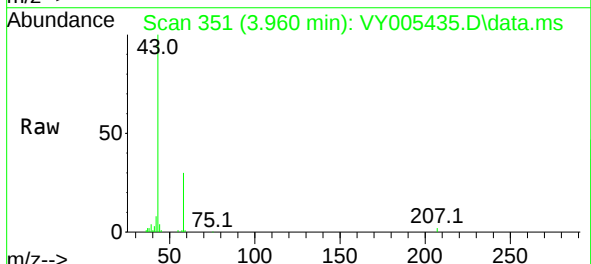
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

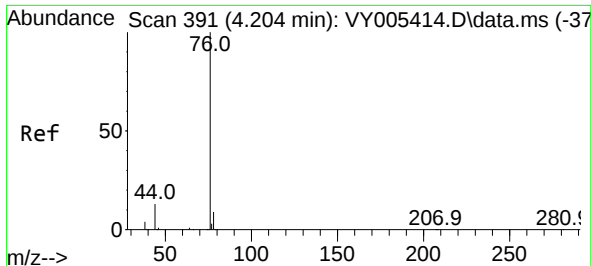
Tgt Ion: 56 Resp: 1466
Ion Ratio Lower Upper
56 100
55 123.5 55.2 82.8#



#16
Acetone
Concen: 64.272 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion: 43 Resp: 31856
Ion Ratio Lower Upper
43 100
58 30.4 24.5 36.7

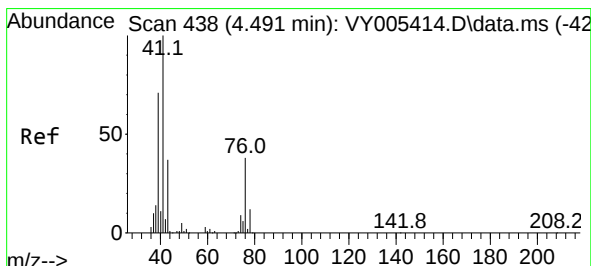
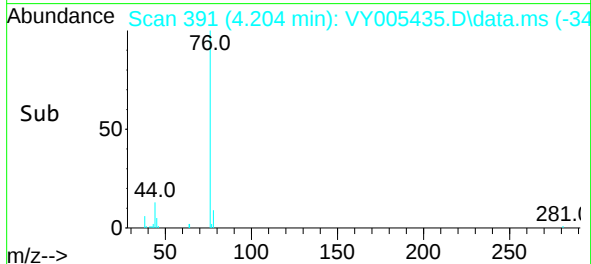
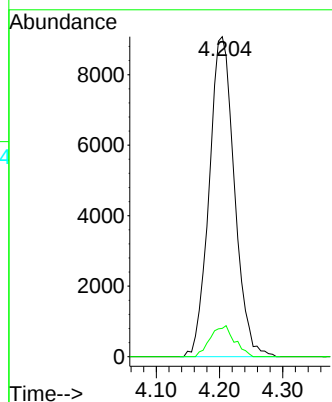
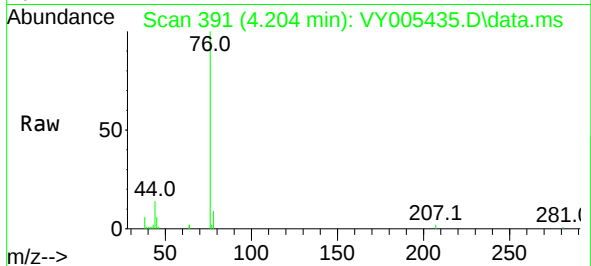




#17
Carbon Disulfide
Concen: 3.918 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

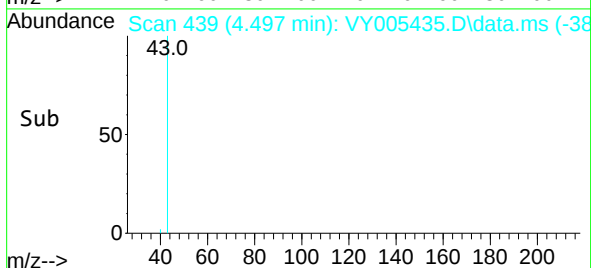
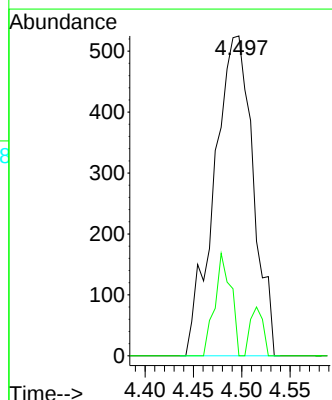
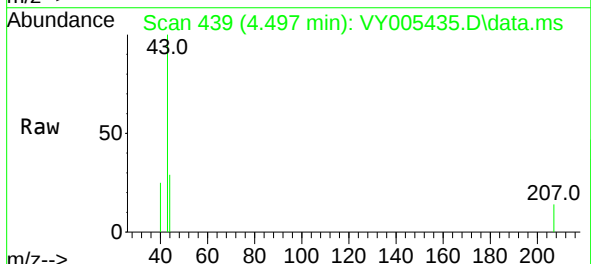
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

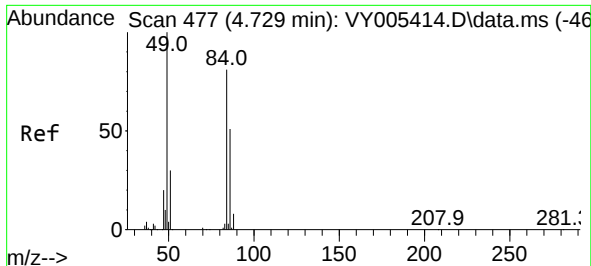
Tgt Ion: 76 Resp: 25163
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

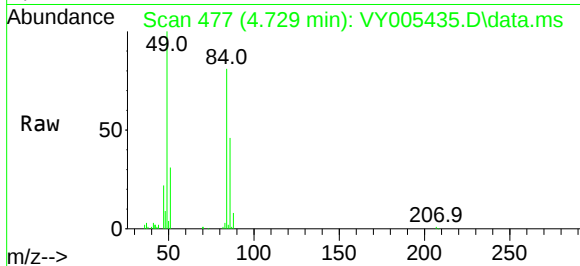
Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
74 5.0 19.2 28.8#



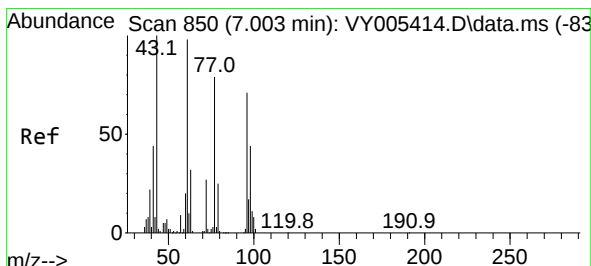
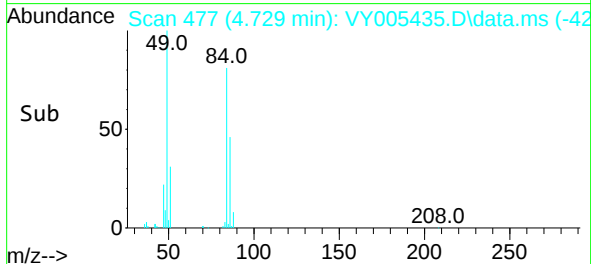
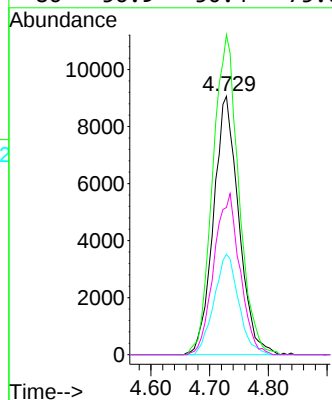


#20
Methylene Chloride
Concen: 8.468 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

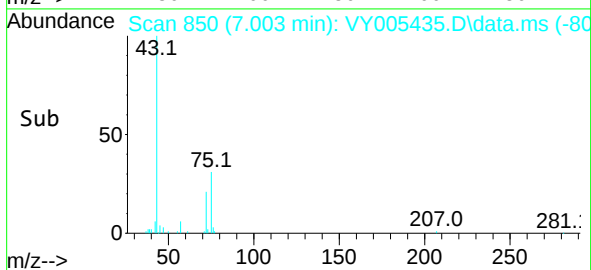
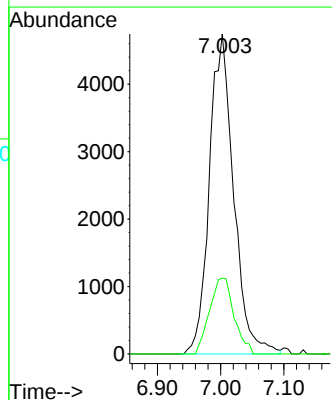
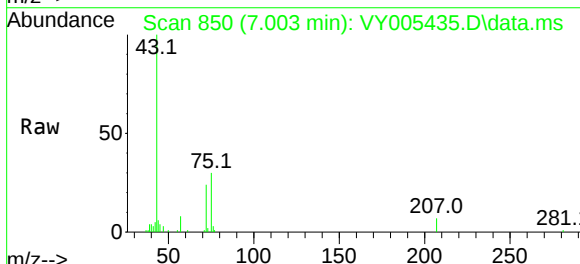


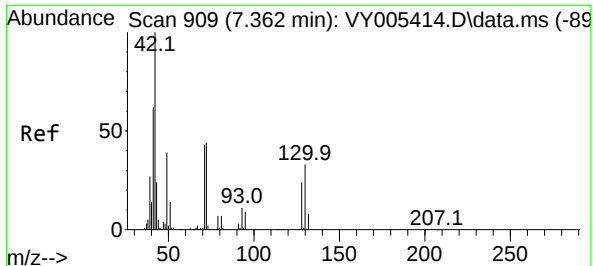
Tgt Ion:	84	Resp:	27099
Ion	Ratio	Lower	Upper
84	100		
49	123.8	98.9	148.3
51	38.9	30.0	45.0
86	56.9	50.4	75.6



#25
2-Butanone
Concen: 17.028 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion:	43	Resp:	12639
Ion	Ratio	Lower	Upper
43	100		
72	23.7	21.9	32.9





#29

Tetrahydrofuran

Concen: 1.064 ug/l

RT: 7.368 min Scan# 910

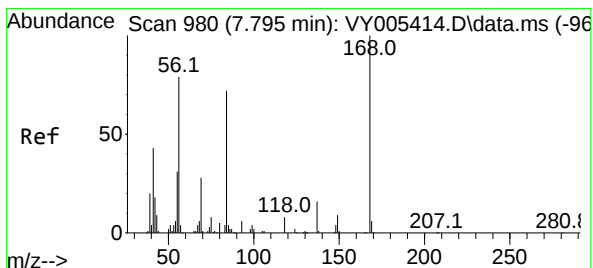
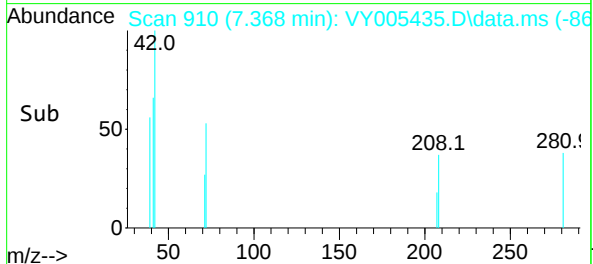
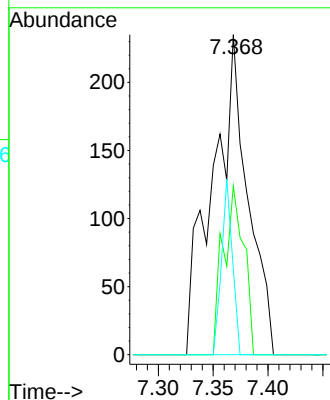
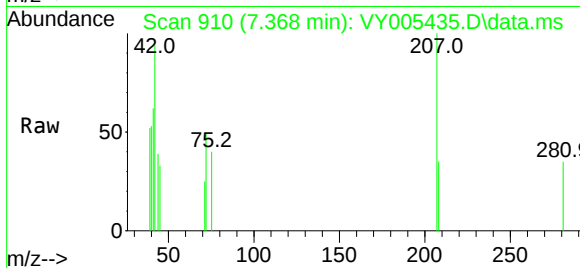
Delta R.T. 0.006 min

Lab File: VY005435.D

Acq: 23 Jul 2021 22:51

Tgt Ion:	42	Resp:	523
Ion	Ratio	Lower	Upper
42	100		
72	30.8	35.3	52.9#
71	17.0	33.4	50.2#

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#31

Cyclohexane

Concen: 1.288 ug/l

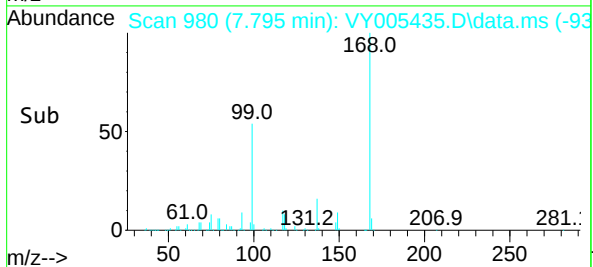
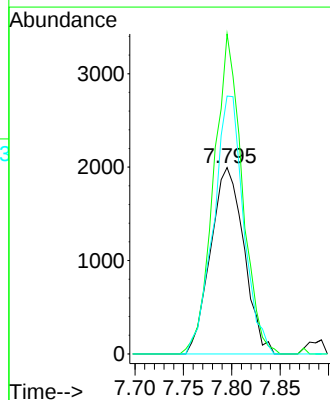
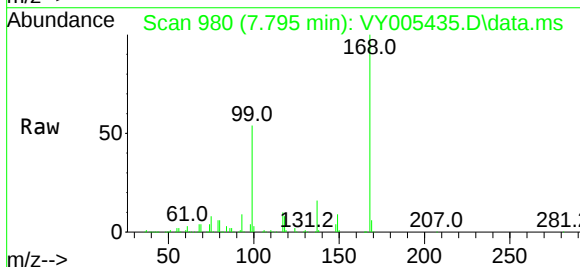
RT: 7.795 min Scan# 980

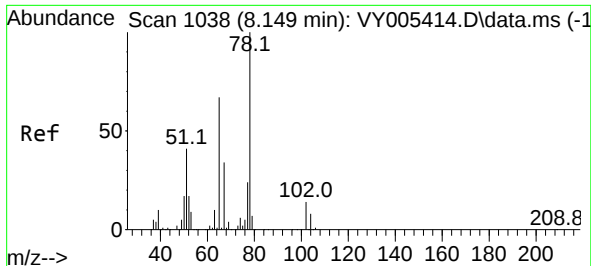
Delta R.T. 0.000 min

Lab File: VY005435.D

Acq: 23 Jul 2021 22:51

Tgt Ion:	56	Resp:	4774
Ion	Ratio	Lower	Upper
56	100		
69	171.7	28.7	43.1#
84	138.4	73.0	109.6#

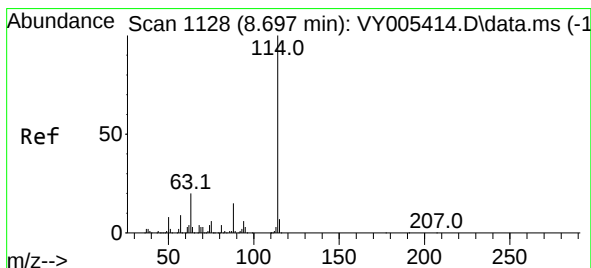
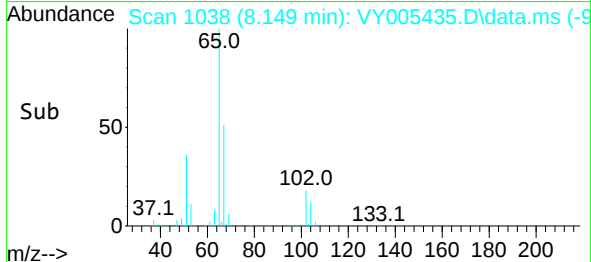
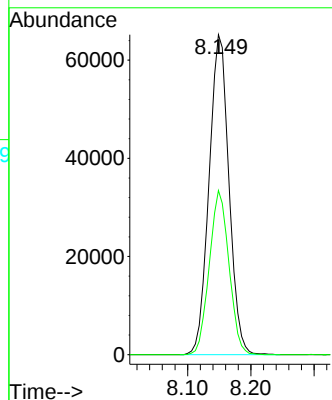
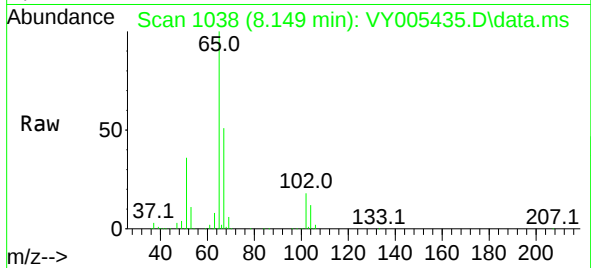




#33
1,2-Dichloroethane-d4
Concen: 65.494 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

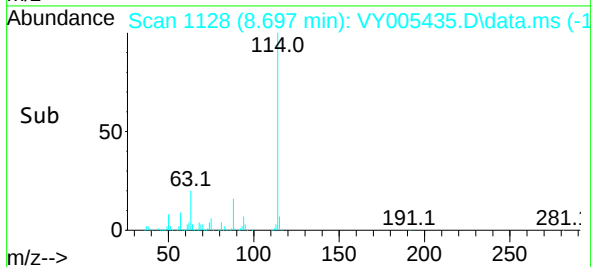
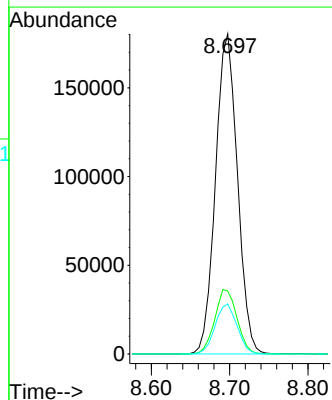
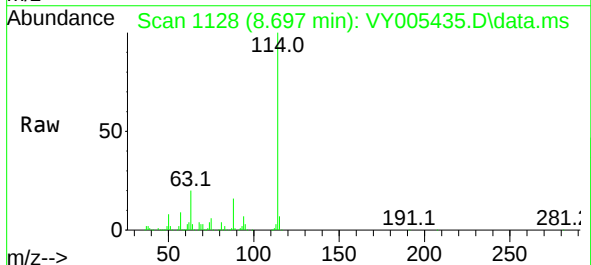
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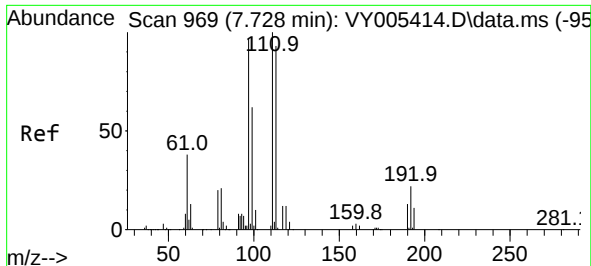
Tgt Ion: 65 Resp: 142145
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

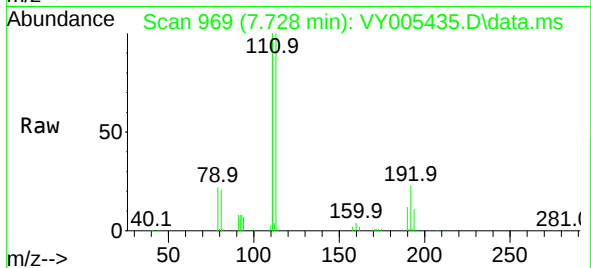
Tgt Ion:114 Resp: 351118
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.0
88 15.6 0.0 30.8



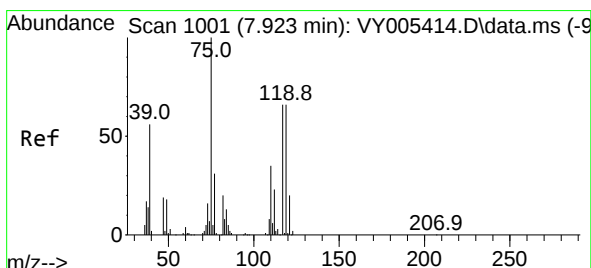
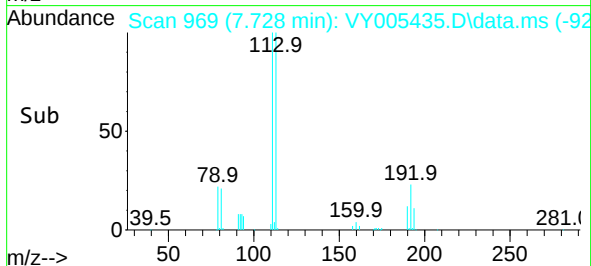
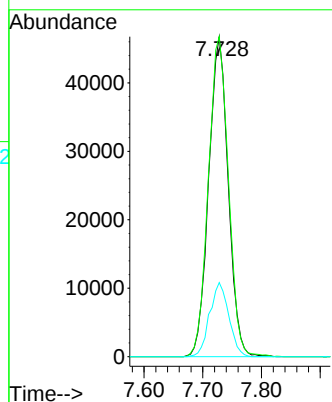


#35
Dibromofluoromethane
Concen: 53.087 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

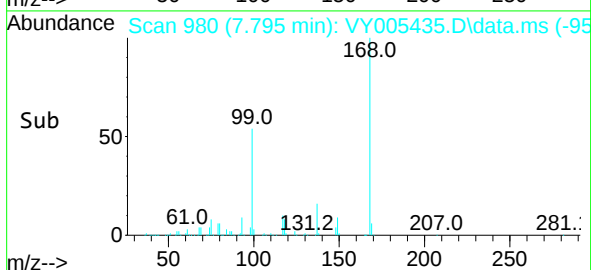
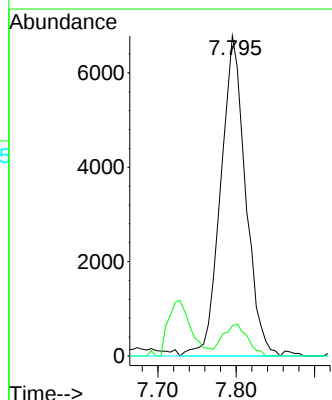
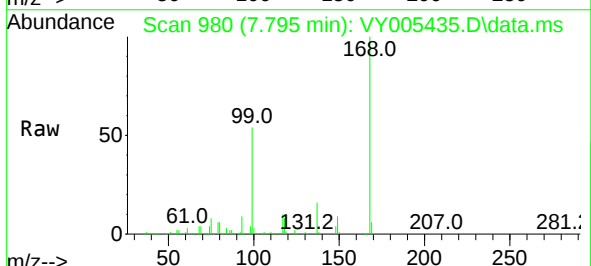


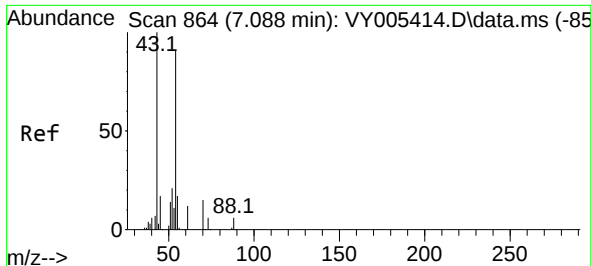
Tgt Ion:113 Resp: 107628
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.8 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.419 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion: 75 Resp: 15003
Ion Ratio Lower Upper
75 100
110 9.7 17.6 52.9#
77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 6.116 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.085 min

Lab File: VY005435.D

Acq: 23 Jul 2021 22:51

Tgt Ion: 43 Resp: 12639

Ion Ratio Lower Upper

43 100

61 0.3 10.3 15.5#

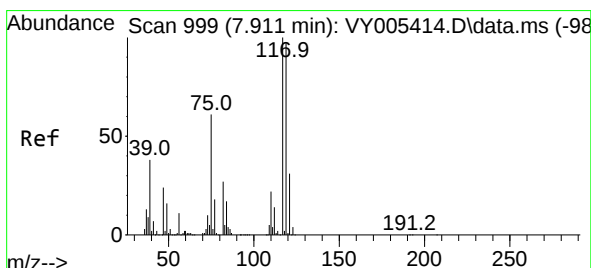
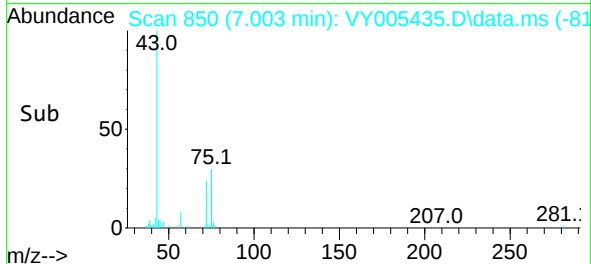
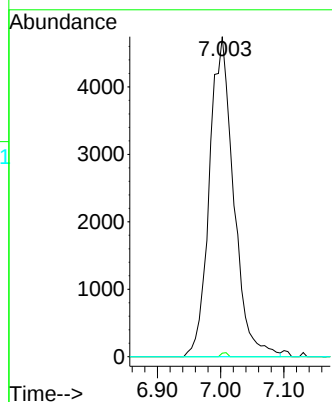
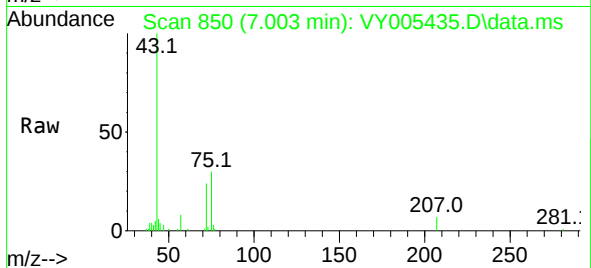
70 0.0 7.9 11.9#

Instrument :

MSVOA_Y

ClientSampleId :

20210453-39



#38

Carbon Tetrachloride

Concen: 4.991 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005435.D

Acq: 23 Jul 2021 22:51

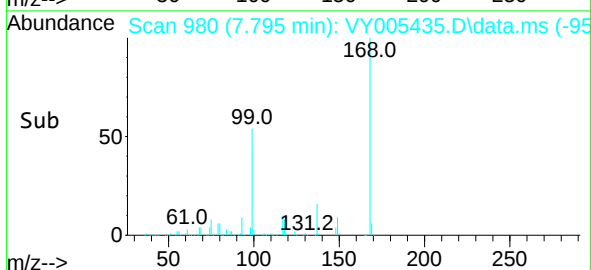
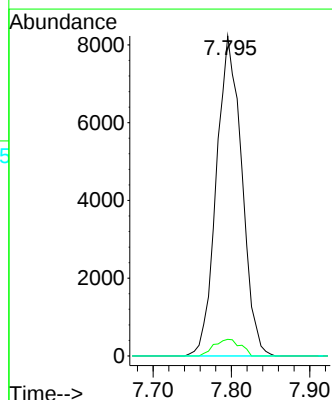
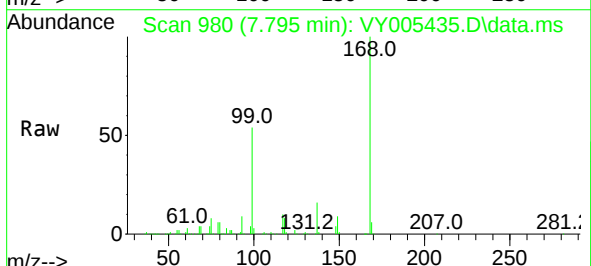
Tgt Ion: 117 Resp: 18515

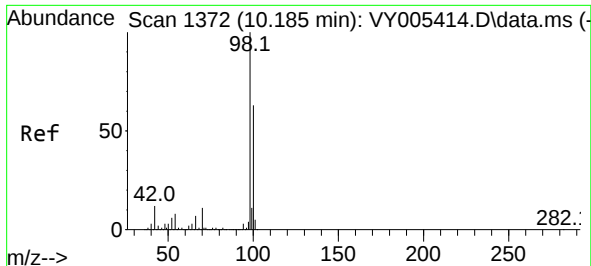
Ion Ratio Lower Upper

117 100

119 5.2 77.2 115.8#

121 0.0 25.1 37.7#

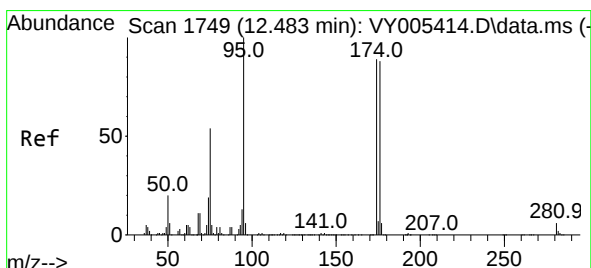
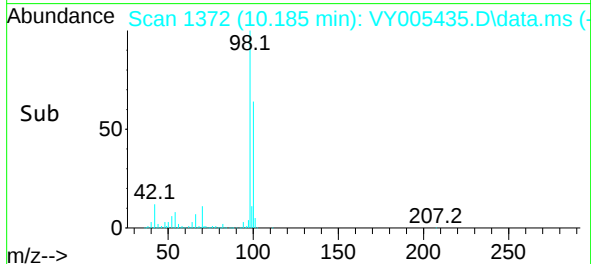
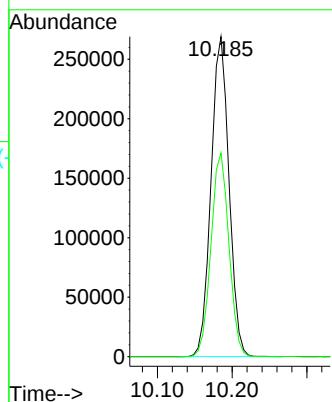
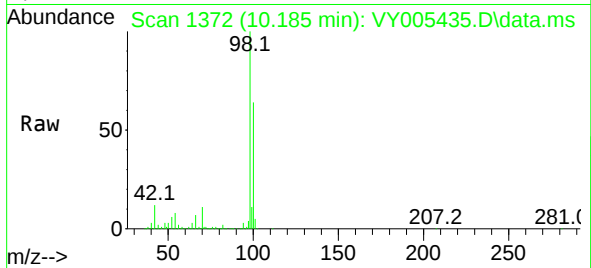




#50
Toluene-d8
Concen: 52.356 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

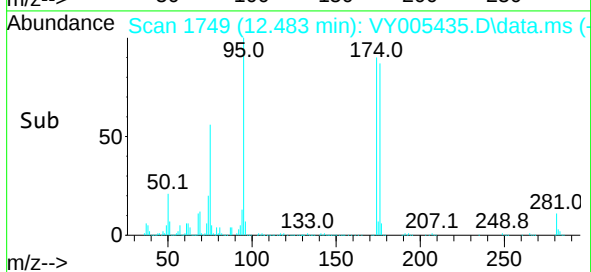
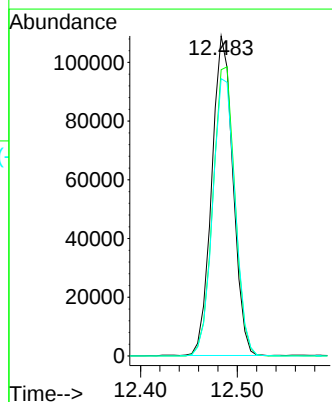
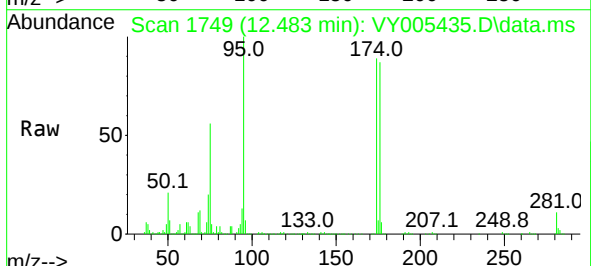
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

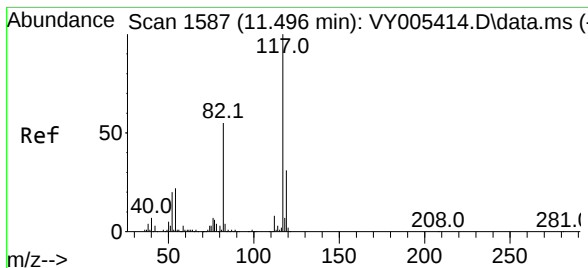
Tgt Ion: 98 Resp: 449888
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.516 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion: 95 Resp: 165952
Ion Ratio Lower Upper
95 100
174 93.7 0.0 186.6
176 91.3 0.0 182.4

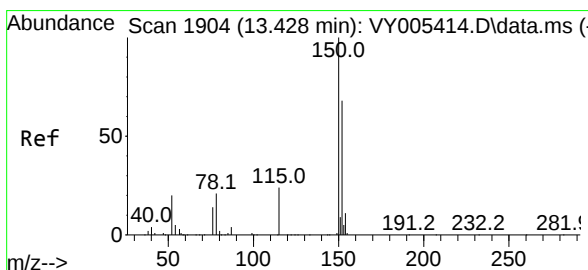
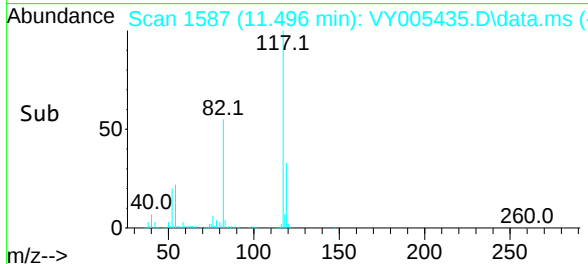
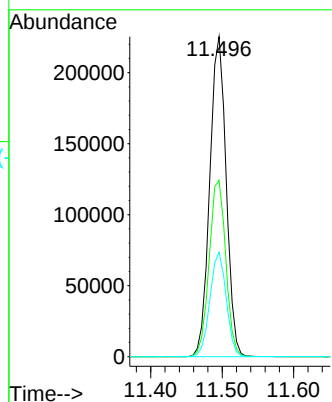
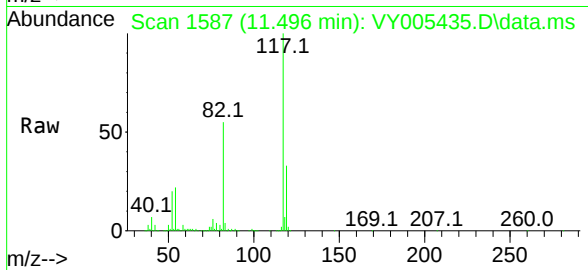




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

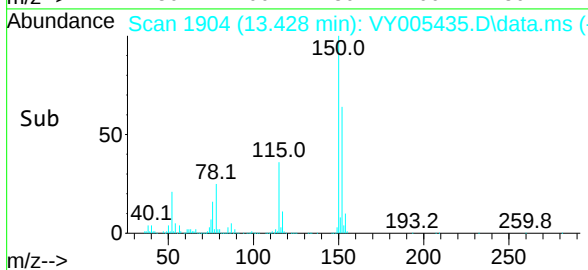
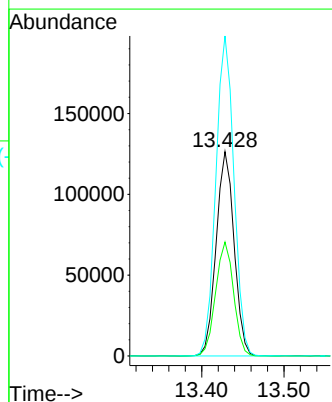
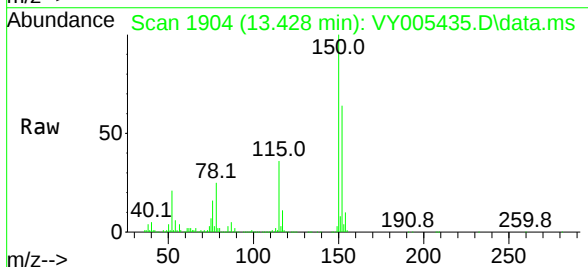
Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

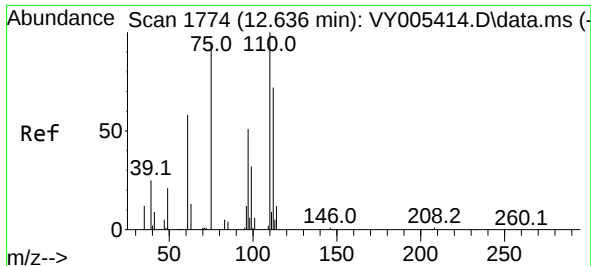
Tgt Ion:117 Resp: 358809
Ion Ratio Lower Upper
117 100
82 55.1 43.8 65.6
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion:152 Resp: 192065
Ion Ratio Lower Upper
152 100
115 55.8 27.7 83.1
150 157.9 0.0 349.6

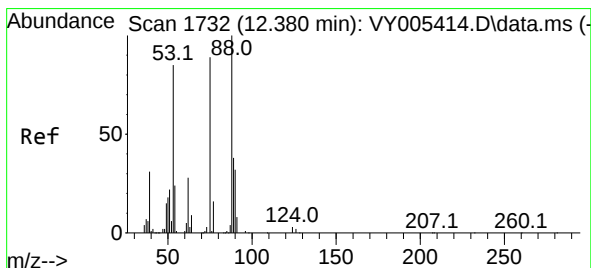
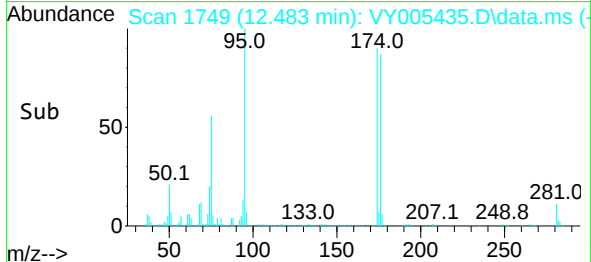
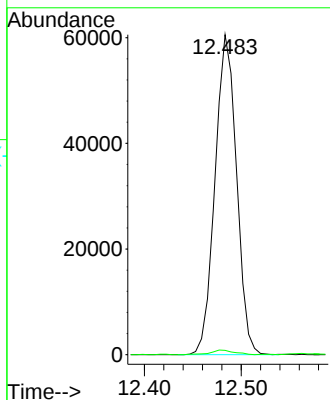
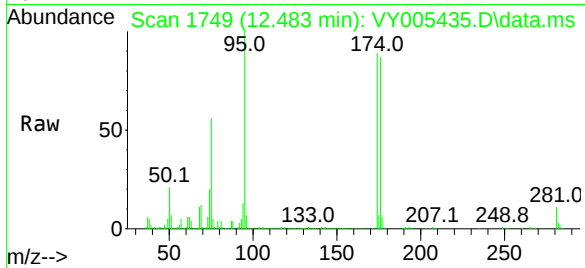




#76
1,2,3-Trichloropropane
Concen: 49.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Instrument :
MSVOA_Y
ClientSampleId :
20210453-39

Tgt Ion: 75 Resp: 93552
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005435.D
Acq: 23 Jul 2021 22:51

Tgt Ion: 75 Resp: 93552
Ion Ratio Lower Upper
75 100
53 0.6 76.1 114.1#
89 0.0 36.9 55.3#

