

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005486.D
 Acq On : 28 Jul 2021 13:58
 Operator : SY/MD
 Sample : M3165-02RE
 Misc : 5.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:31:48 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)

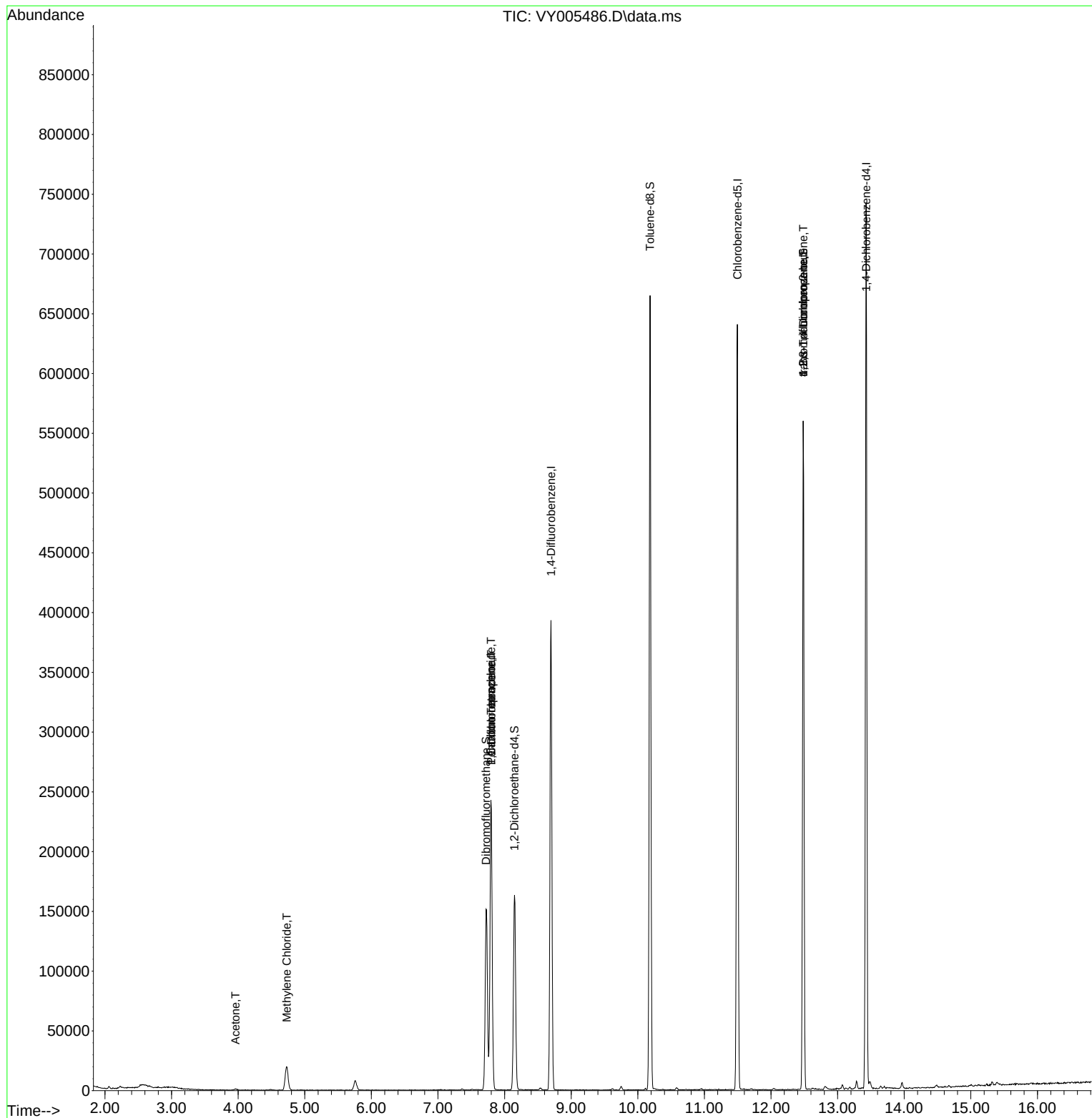
Internal Standards						
1) Pentafluorobenzene	7.801	168	198235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	344402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187231	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	136851	64.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.240%	
35) Dibromofluoromethane	7.722	113	102944	53.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.000%	
50) Toluene-d8	10.185	98	427529	52.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.840%	
62) 4-Bromofluorobenzene	12.483	95	155155	57.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.280%	
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	1616	3.341	ug/l	94
20) Methylene Chloride	4.729	84	15339	4.432	ug/l	94
36) 1,1-Dichloropropene	7.801	75	13922	4.321	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17829	5.063	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	85065	46.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	85065	89.655	ug/l #	11

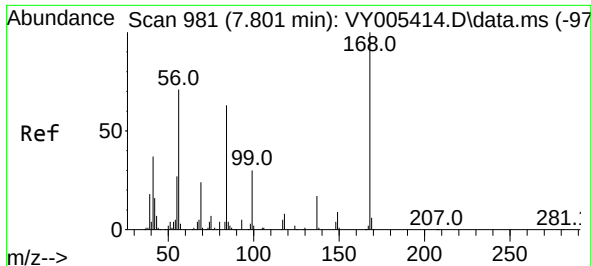
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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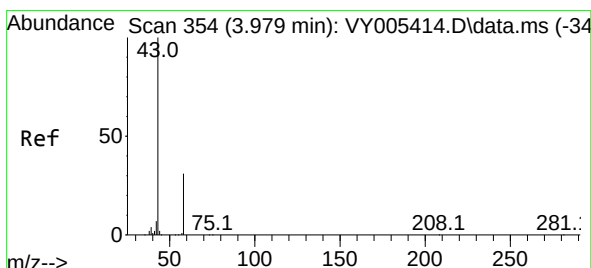
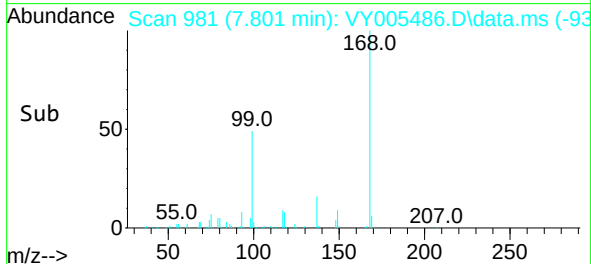
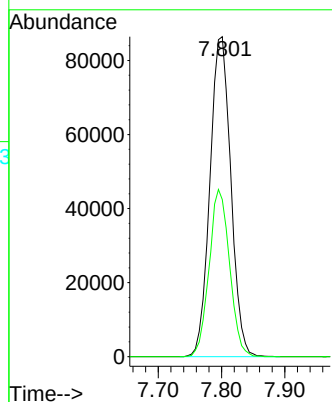
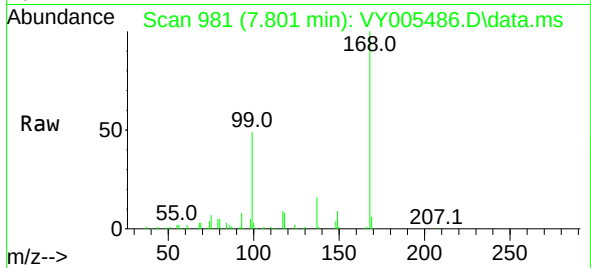




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

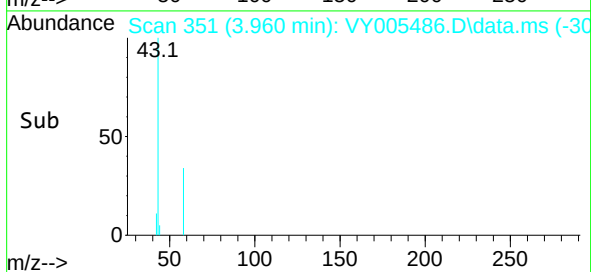
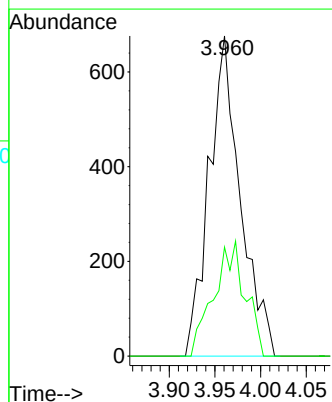
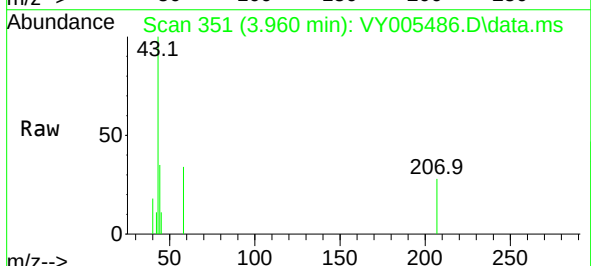
Instrument :
MSVOA_Y
ClientSampled :

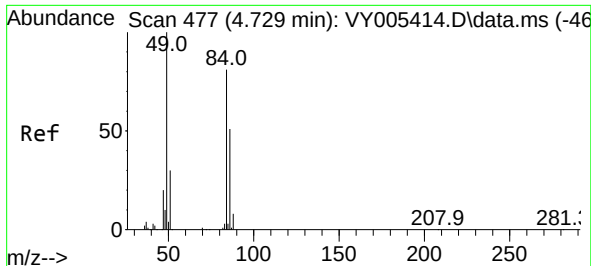
Tgt Ion:168 Resp: 198235
Ion Ratio Lower Upper
168 100
99 49.1 39.8 59.6



#16
Acetone
Concen: 3.341 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

Tgt Ion: 43 Resp: 1616
Ion Ratio Lower Upper
43 100
58 34.0 24.5 36.7





#20

Methylene Chloride

Concen: 4.432 ug/l

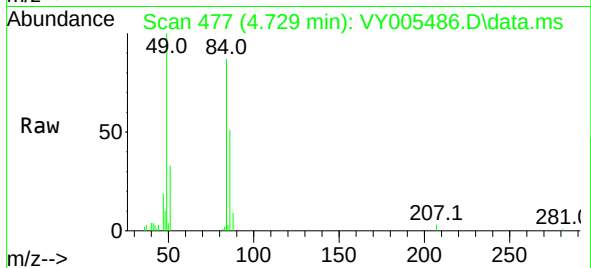
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005486.D

Acq: 28 Jul 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15339

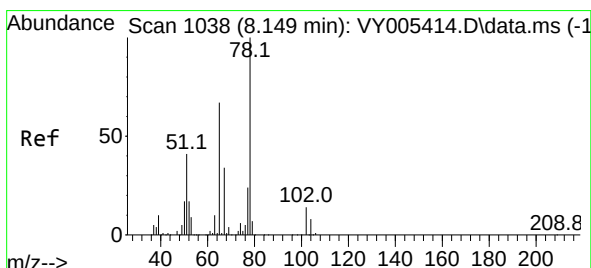
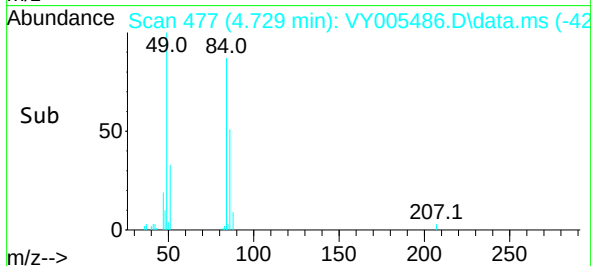
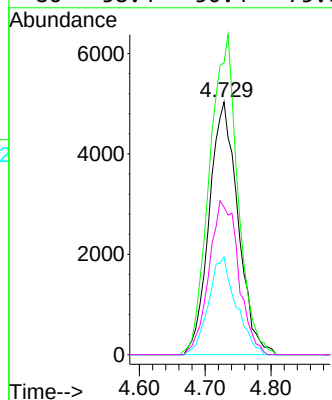
Ion Ratio Lower Upper

84 100

49 115.5 98.9 148.3

51 38.7 30.0 45.0

86 58.4 50.4 75.6



#33

1,2-Dichloroethane-d4

Concen: 64.619 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY005486.D

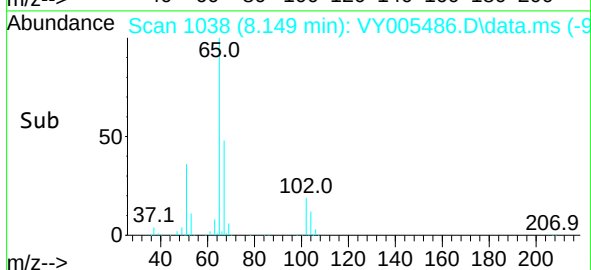
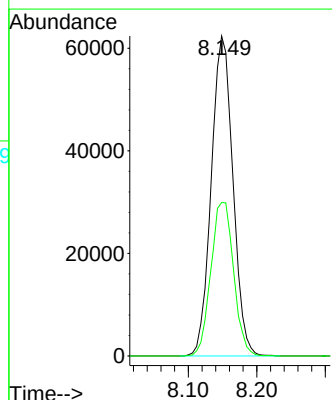
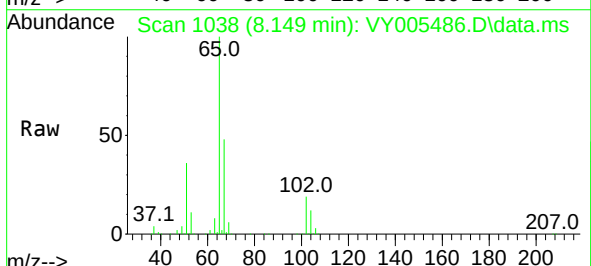
Acq: 28 Jul 2021 13:58

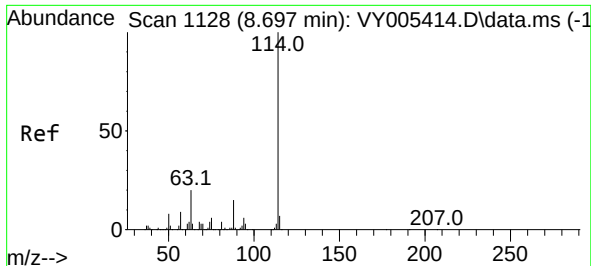
Tgt Ion: 65 Resp: 136851

Ion Ratio Lower Upper

65 100

67 50.4 0.0 102.2

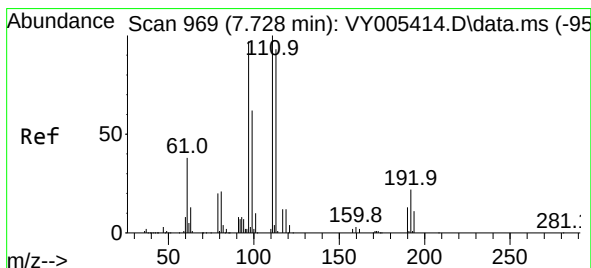
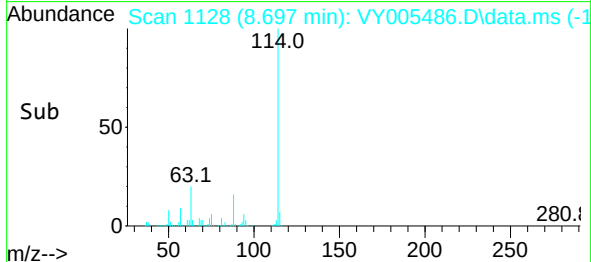
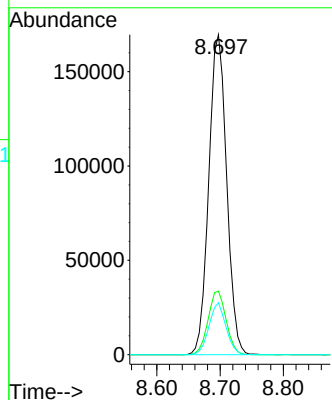
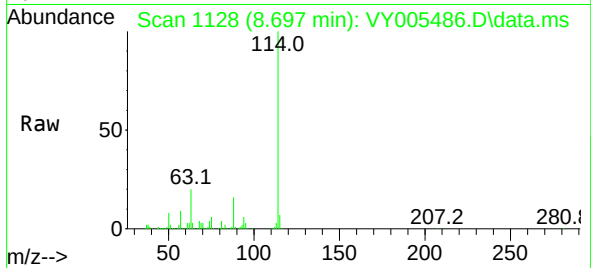




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

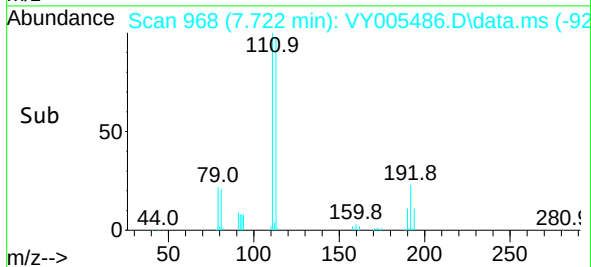
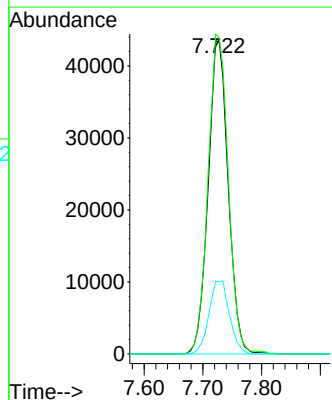
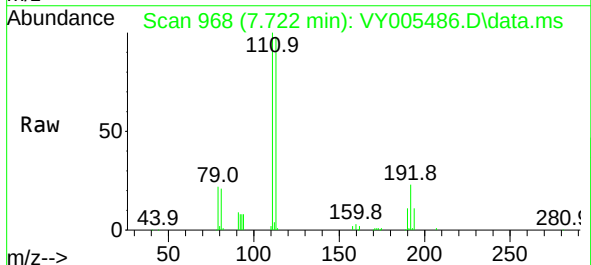
Instrument :
MSVOA_Y
ClientSampled :

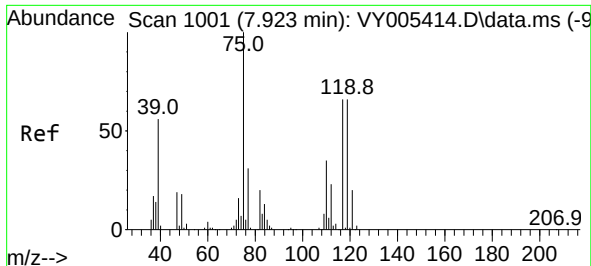
Tgt Ion:114 Resp: 333249
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.0
88 16.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.499 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

Tgt Ion:113 Resp: 102944
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 24.0 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.801 min Scan# 981

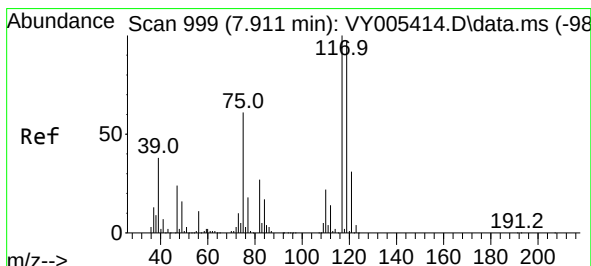
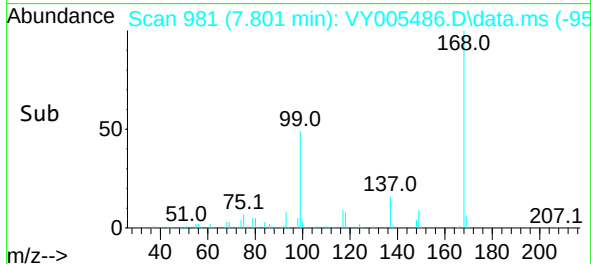
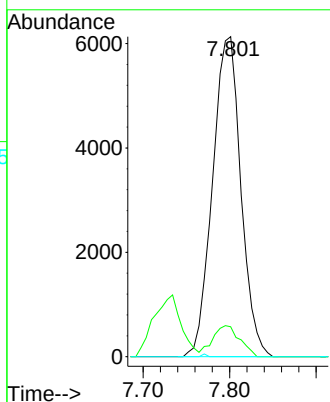
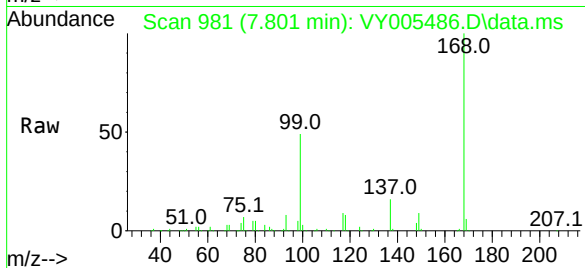
Delta R.T. -0.122 min

Lab File: VY005486.D

Acq: 28 Jul 2021 13:58

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 13922
Ion Ratio	Lower Upper
75 100	
110 9.3	17.6 52.9#
77 0.0	24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.063 ug/l

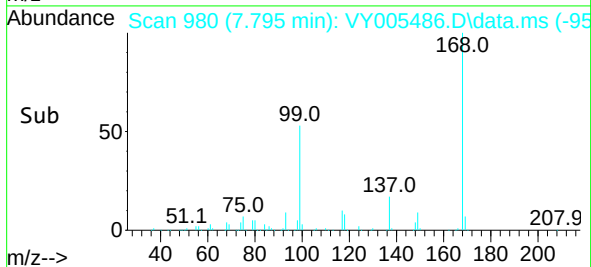
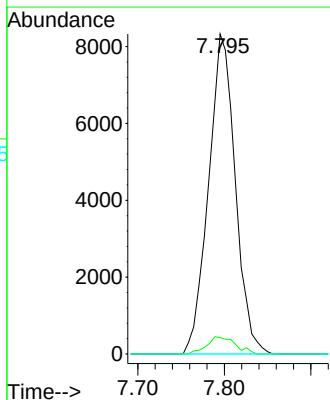
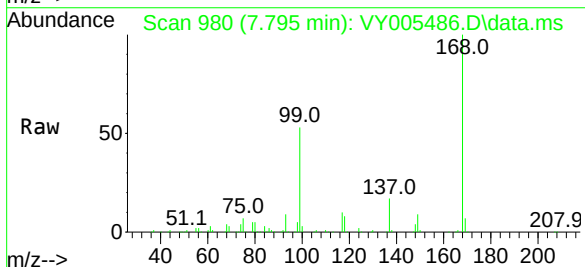
RT: 7.795 min Scan# 980

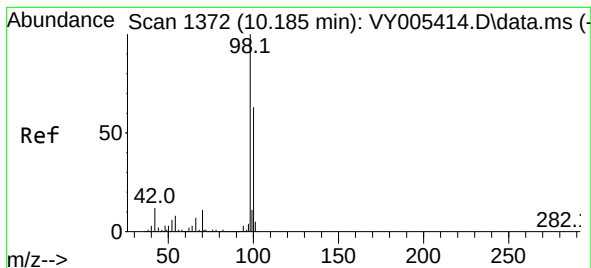
Delta R.T. -0.116 min

Lab File: VY005486.D

Acq: 28 Jul 2021 13:58

Tgt Ion: 117	Resp: 17829
Ion Ratio	Lower Upper
117 100	
119 5.1	77.2 115.8#
121 0.0	25.1 37.7#

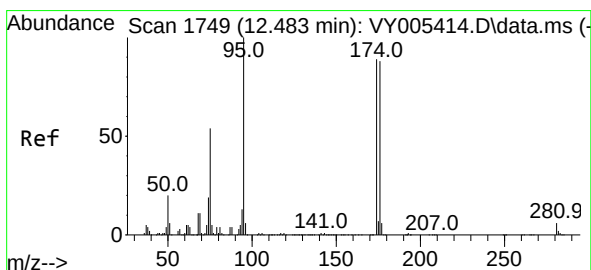
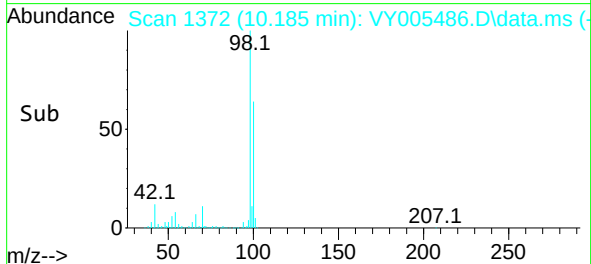
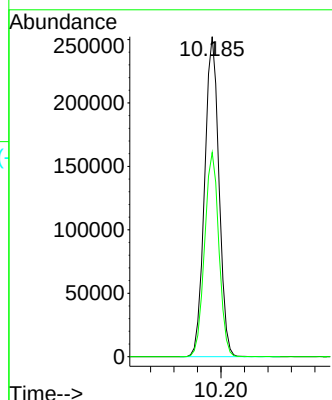
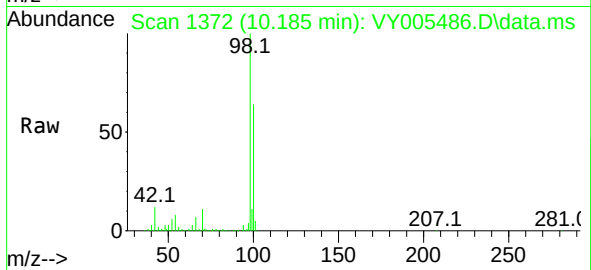




#50
Toluene-d8
Concen: 52.422 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

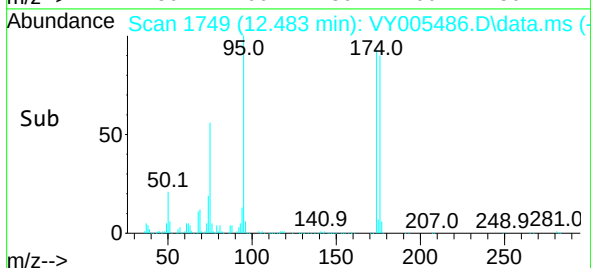
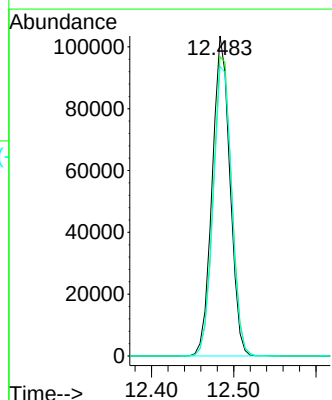
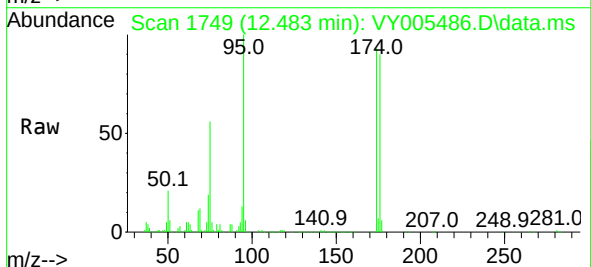
Instrument :
MSVOA_Y
ClientSampled :

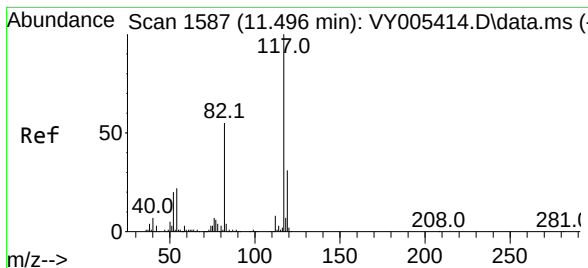
Tgt Ion: 98 Resp: 427529
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 57.642 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

Tgt Ion: 95 Resp: 155155
Ion Ratio Lower Upper
95 100
174 97.4 0.0 186.6
176 94.0 0.0 182.4

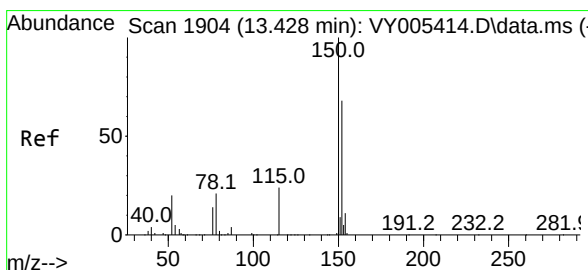
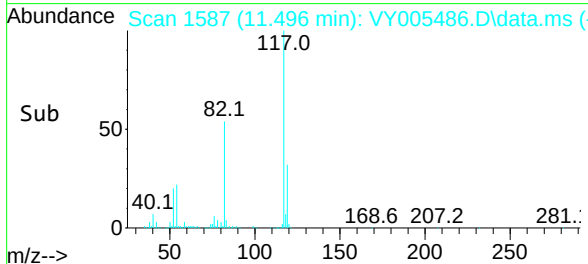
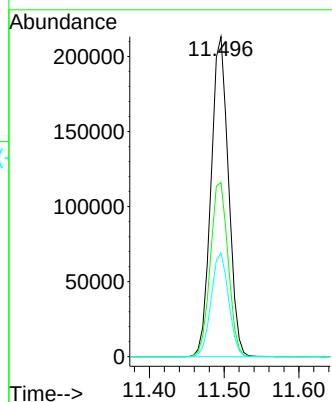
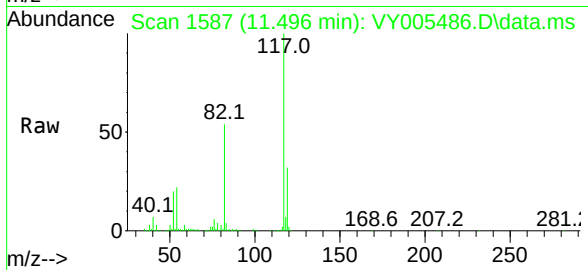




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

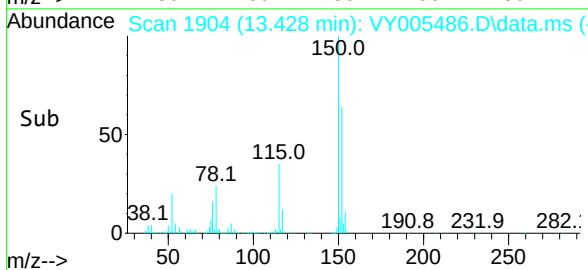
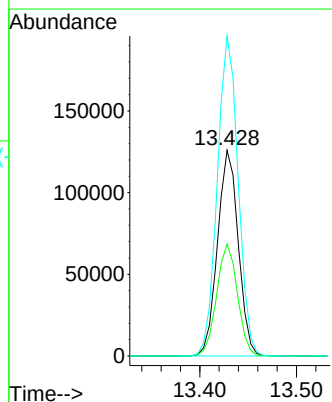
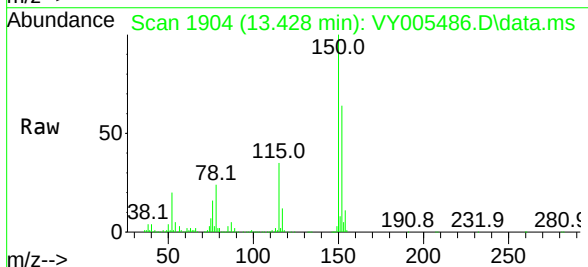
Instrument :
MSVOA_Y
ClientSampleId :

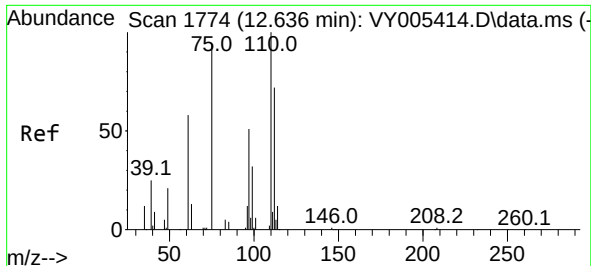
Tgt Ion:117 Resp: 344402
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.6
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

Tgt Ion:152 Resp: 187231
Ion Ratio Lower Upper
152 100
115 54.4 27.7 83.1
150 156.1 0.0 349.6

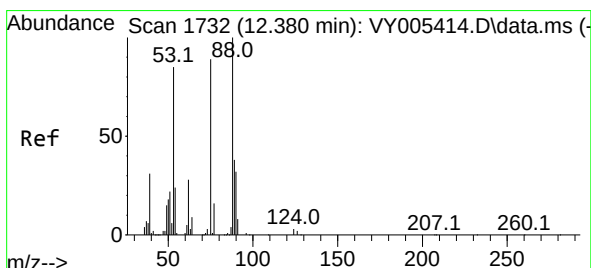
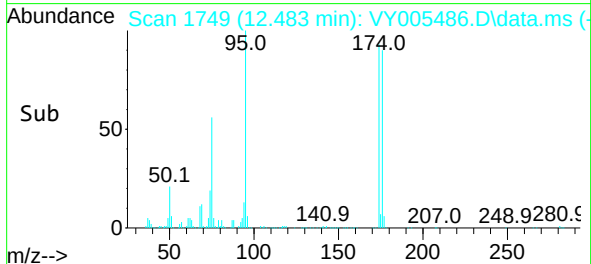
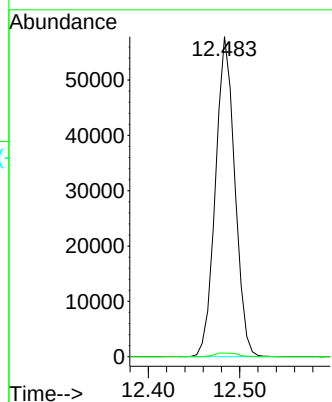
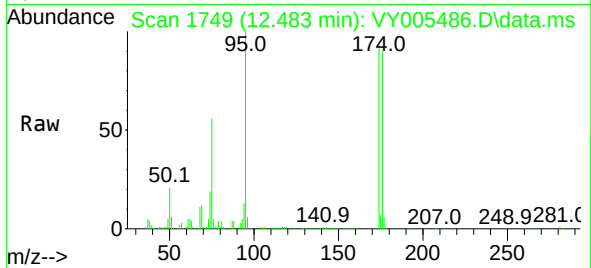




#76
1,2,3-Trichloropropane
Concen: 46.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 85065
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.655 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005486.D
Acq: 28 Jul 2021 13:58

Tgt Ion: 75 Resp: 85065
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 36.9 55.3#

