

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005488.D
 Acq On : 28 Jul 2021 14:47
 Operator : SY/MD
 Sample : M3205-01
 Misc : 3.60G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:32:20 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	224643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	335053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169953	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	138534	57.724	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.728	113	116254	60.453	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.900%
50) Toluene-d8	10.185	98	422412	51.826	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.660%
62) 4-Bromofluorobenzene	12.483	95	146217	54.354	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.700%

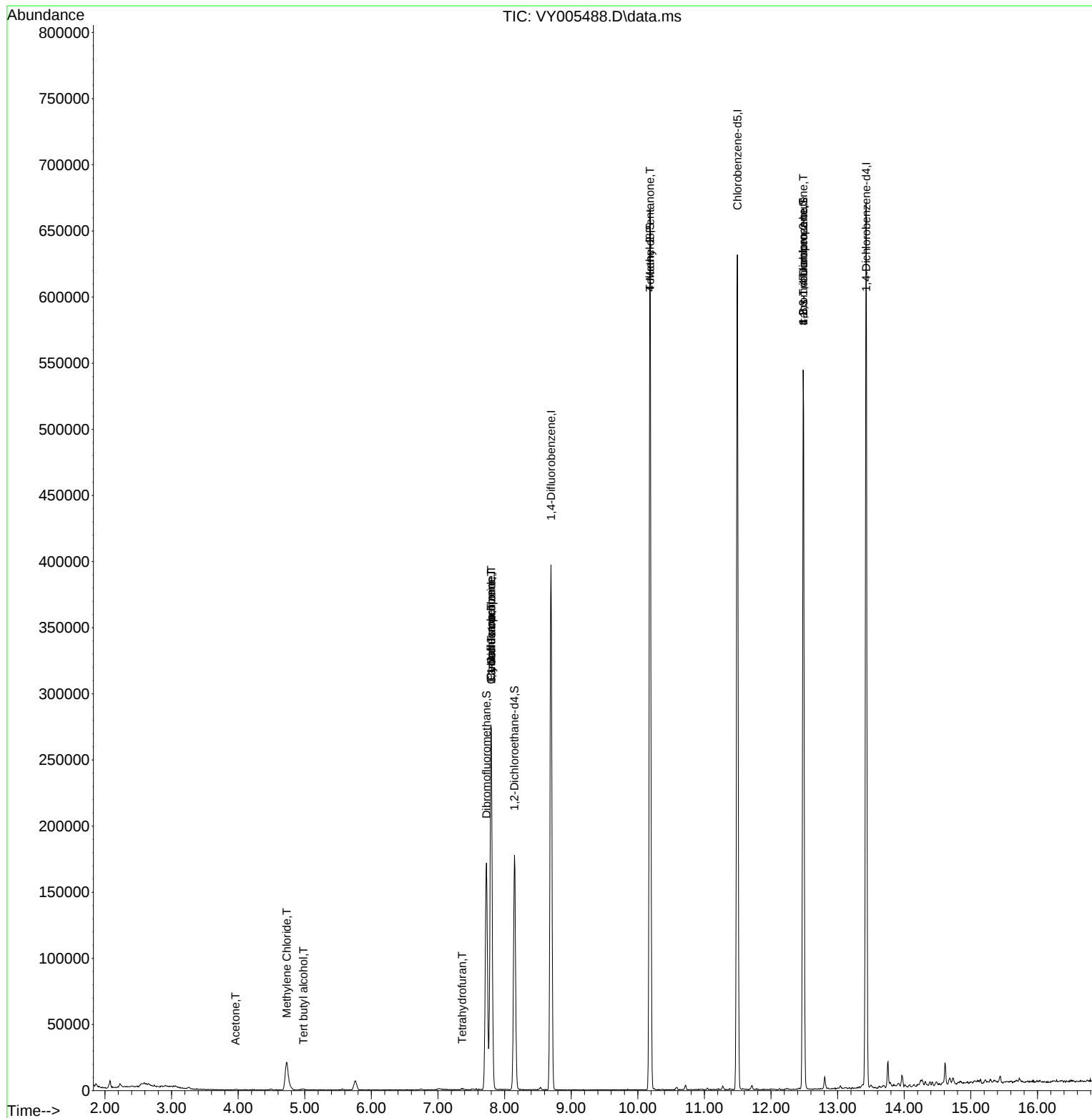
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.978	59	1908	8.416	ug/l #	87
16) Acetone	3.960	43	836	1.525	ug/l #	87
20) Methylene Chloride	4.729	84	15499	3.834	ug/l	94
29) Tetrahydrofuran	7.362	42	649	1.194	ug/l #	81
31) Cyclohexane	7.795	56	4288	1.046	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15725	4.883	ug/l #	50
38) Carbon Tetrachloride	7.801	117	20433	5.807	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1893	1.004	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	81430	48.693	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	81430	94.549	ug/l #	11

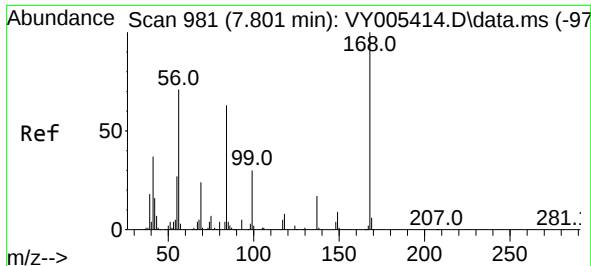
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
Data File : VY005488.D
Acq On : 28 Jul 2021 14:47
Operator : SY/MD
Sample : M3205-01
Misc : 3.60G/5ML/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 29 05:32:20 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

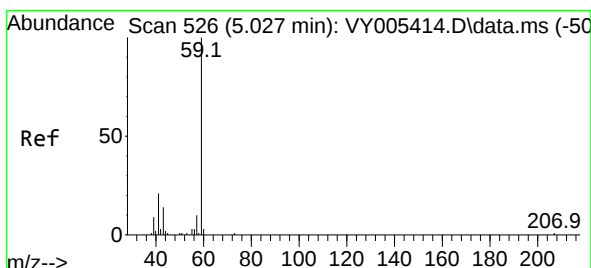
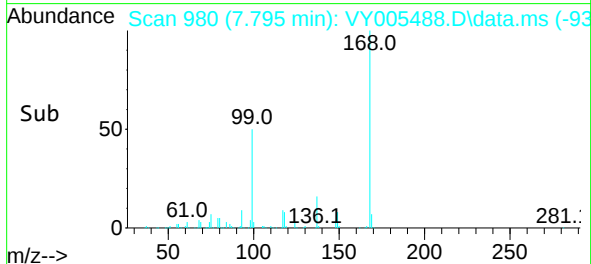
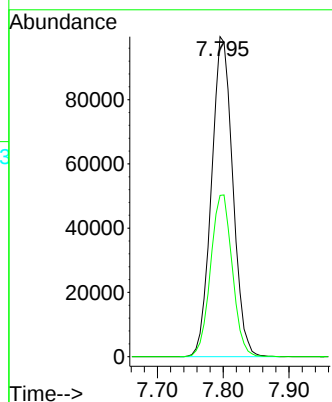
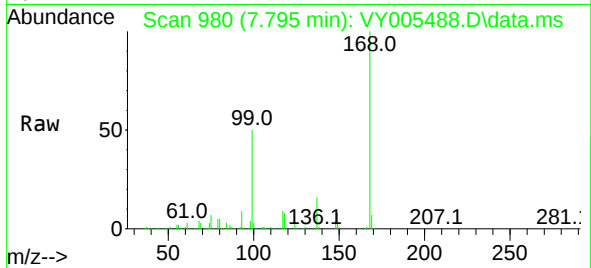




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

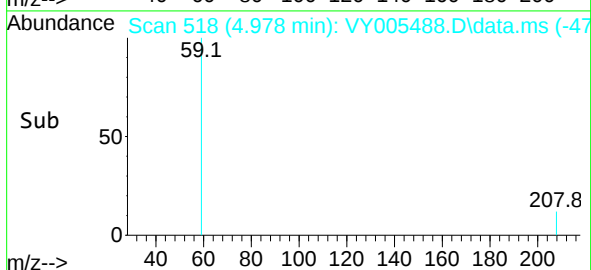
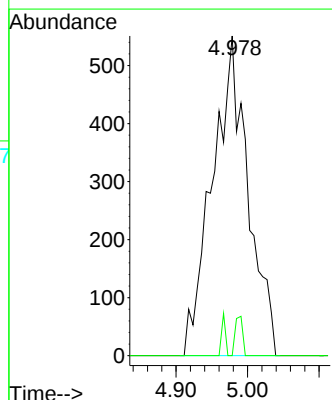
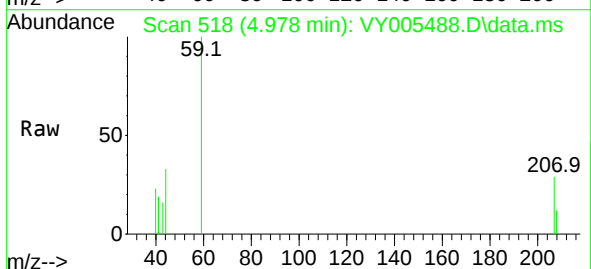
Instrument :
MSVOA_Y
ClientSampled :

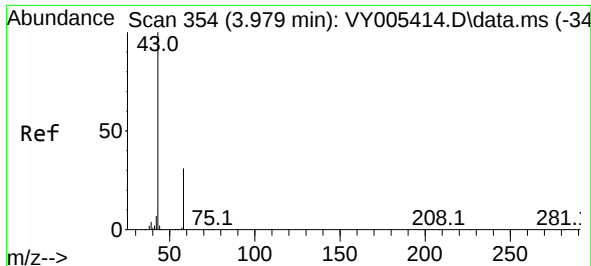
Tgt Ion:168 Resp: 224643
Ion Ratio Lower Upper
168 100
99 50.4 39.8 59.6



#11
Tert butyl alcohol
Concen: 8.416 ug/l
RT: 4.978 min Scan# 518
Delta R.T. -0.049 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion: 59 Resp: 1908
Ion Ratio Lower Upper
59 100
57 1.4 4.7 7.1#

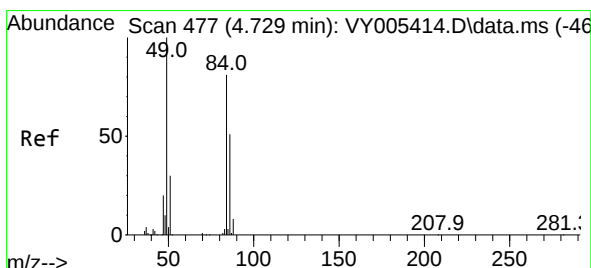
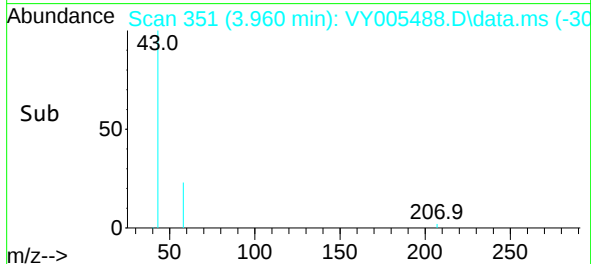
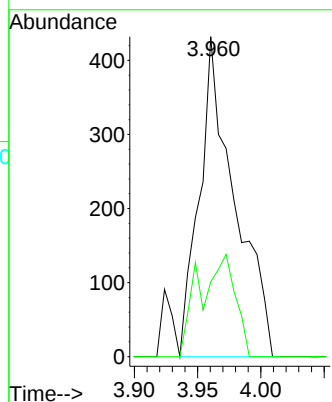
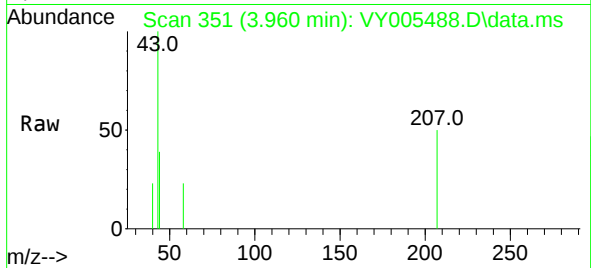




#16
Acetone
Concen: 1.525 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

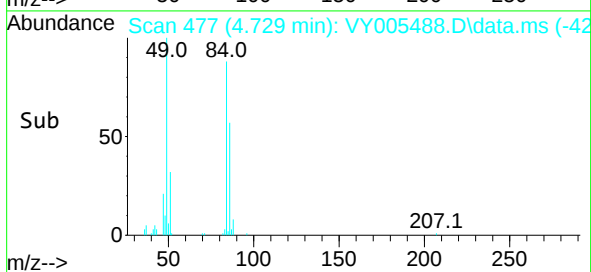
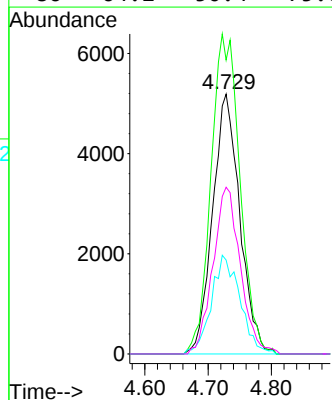
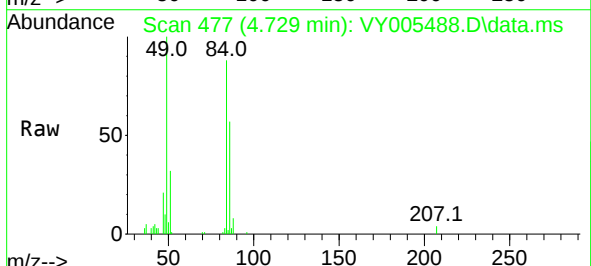
Instrument :
MSVOA_Y
ClientSampled :

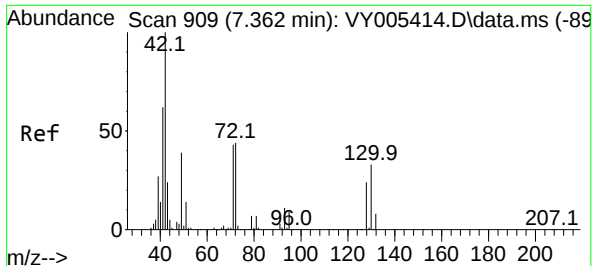
Tgt Ion: 43 Resp: 836
Ion Ratio Lower Upper
43 100
58 23.4 24.5 36.7#



#20
Methylene Chloride
Concen: 3.834 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion: 84 Resp: 15499
Ion Ratio Lower Upper
84 100
49 113.1 98.9 148.3
51 36.1 30.0 45.0
86 64.2 50.4 75.6





#29

Tetrahydrofuran

Concen: 1.194 ug/l

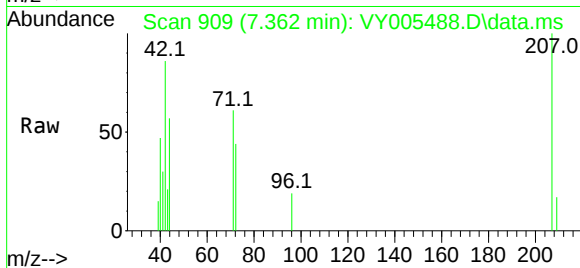
RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

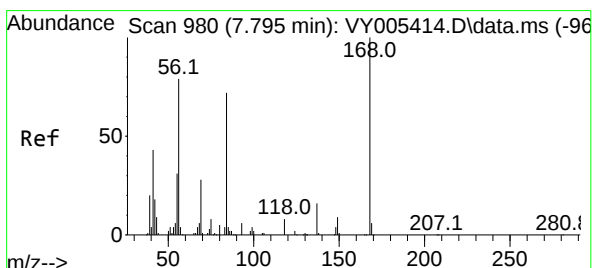
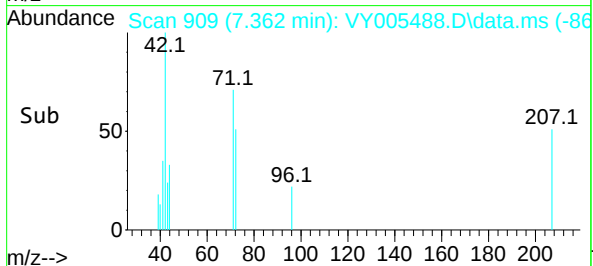
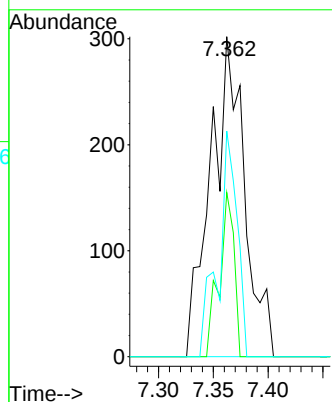
Lab File: VY005488.D

Acq: 28 Jul 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	42	Resp:	649
Ion Ratio	Lower	Upper	
42	100		
72	22.5	35.3	52.9#
71	39.0	33.4	50.2



#31

Cyclohexane

Concen: 1.046 ug/l

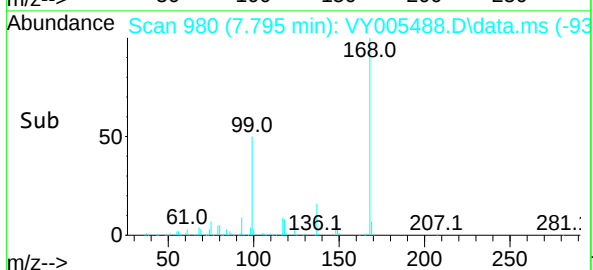
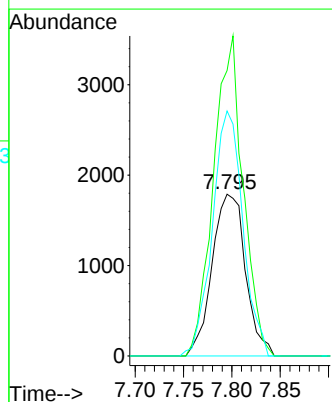
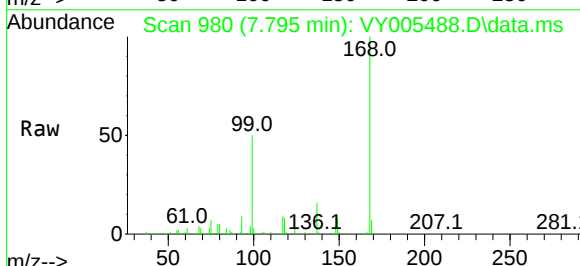
RT: 7.795 min Scan# 980

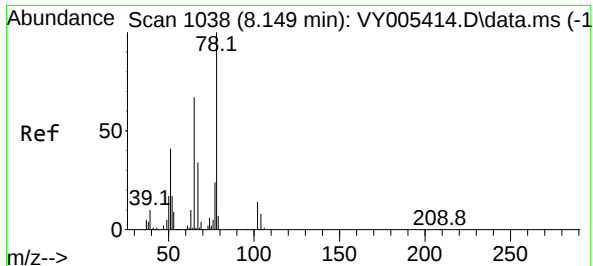
Delta R.T. -0.000 min

Lab File: VY005488.D

Acq: 28 Jul 2021 14:47

Tgt Ion:	56	Resp:	4288
Ion Ratio	Lower	Upper	
56	100		
69	176.5	28.7	43.1#
84	151.4	73.0	109.6#

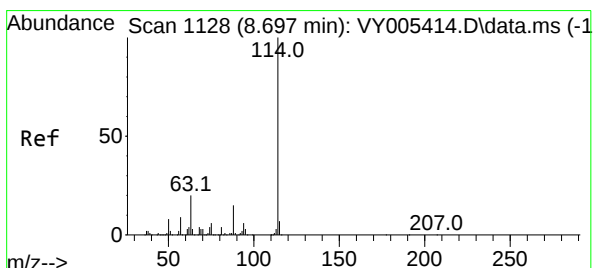
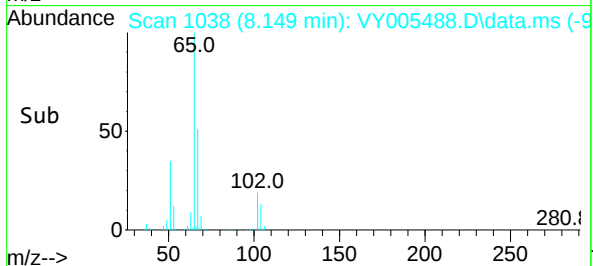
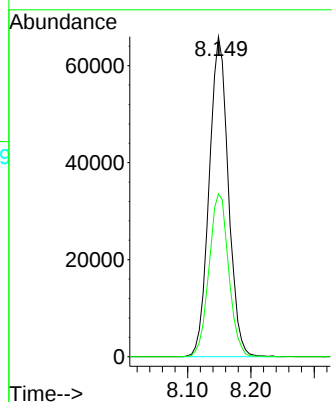
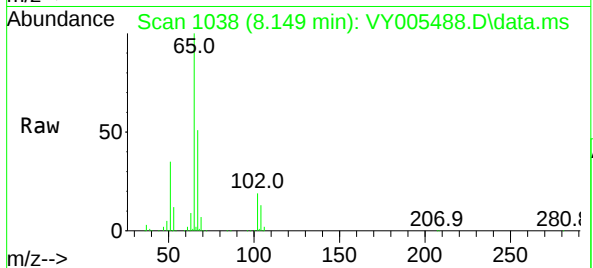




#33
1,2-Dichloroethane-d4
Concen: 57.724 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

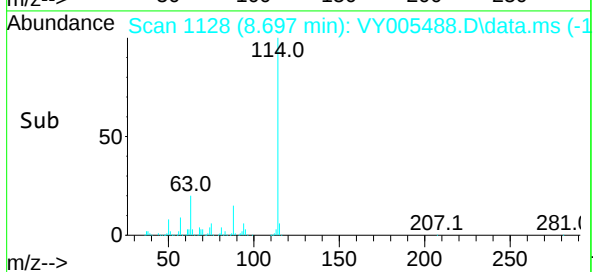
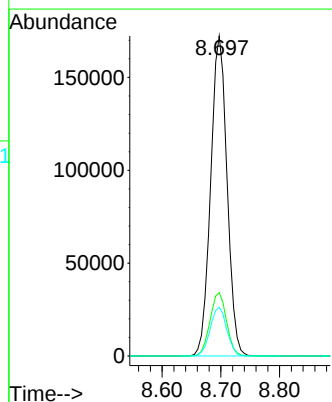
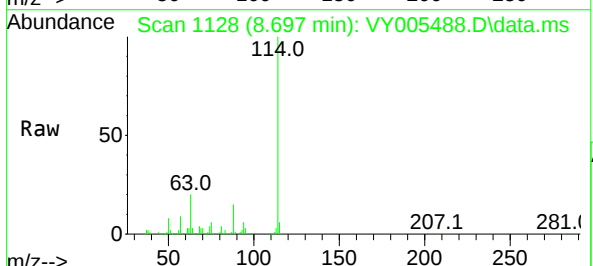
Instrument :
MSVOA_Y
ClientSampled :

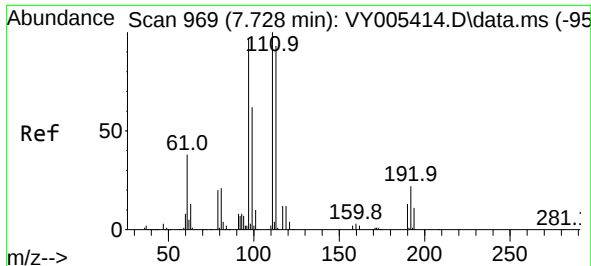
Tgt Ion: 65 Resp: 138534
Ion Ratio Lower Upper
65 100
67 52.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion:114 Resp: 333049
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.0
88 15.2 0.0 30.8

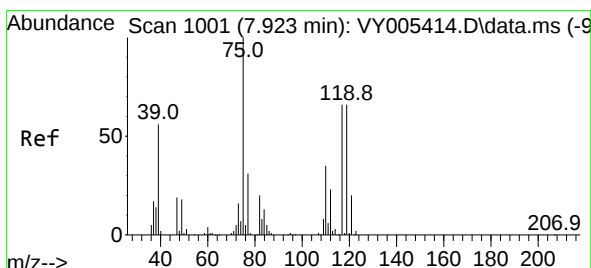
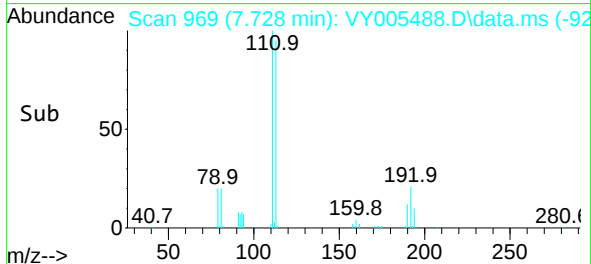
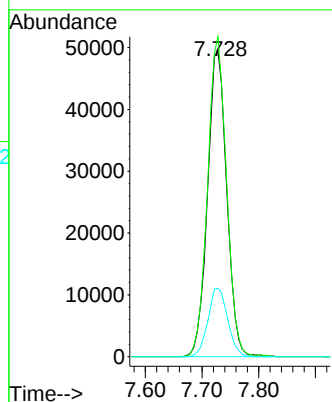
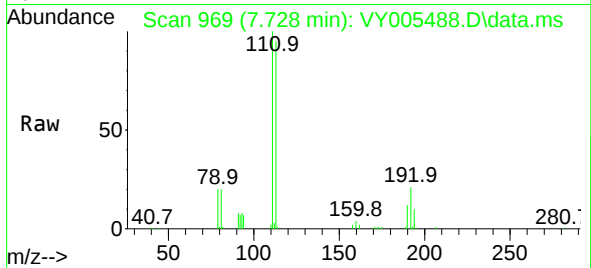




#35
Dibromofluoromethane
Concen: 60.453 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

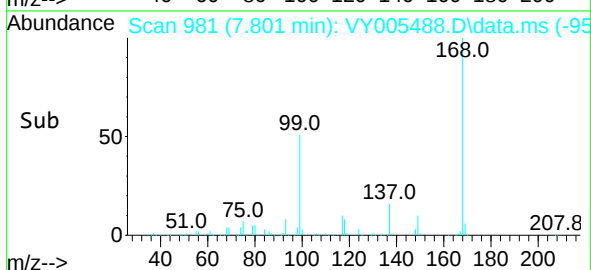
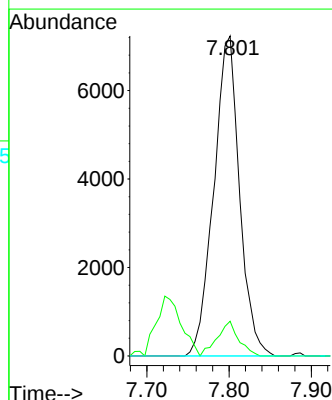
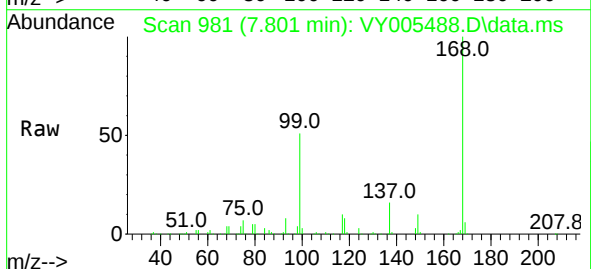
Instrument :
MSVOA_Y
ClientSampled :

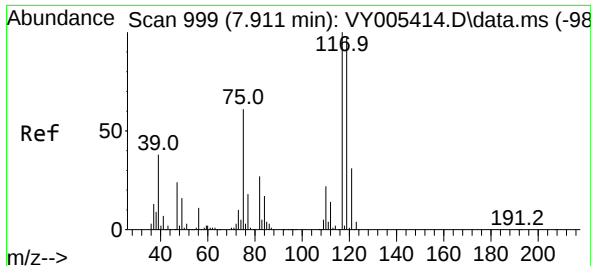
Tgt Ion:113 Resp: 116254
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 23.0 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.883 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

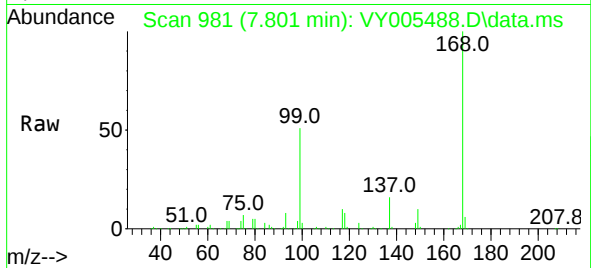
Tgt Ion: 75 Resp: 15725
Ion Ratio Lower Upper
75 100
110 9.0 17.6 52.9#
77 0.0 24.6 37.0#



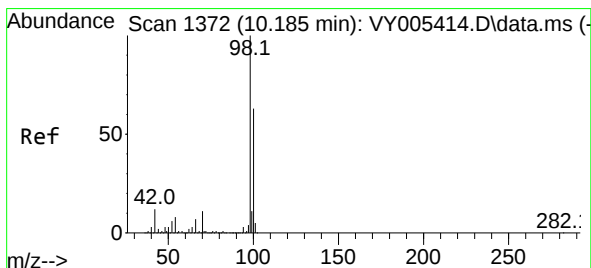
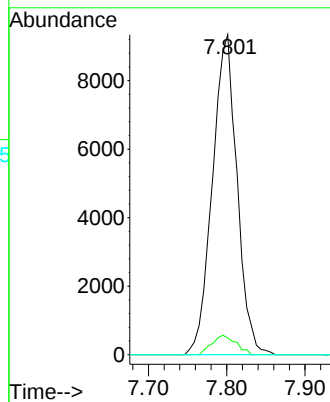
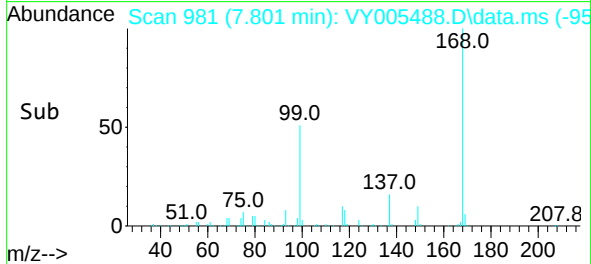


#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

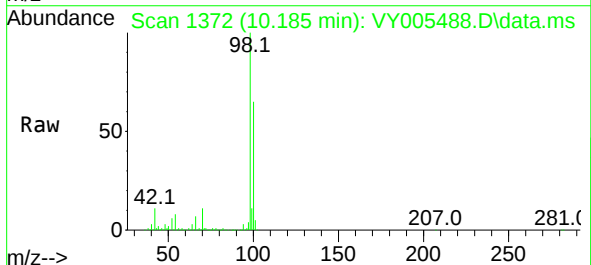
Instrument :
MSVOA_Y
ClientSampled :



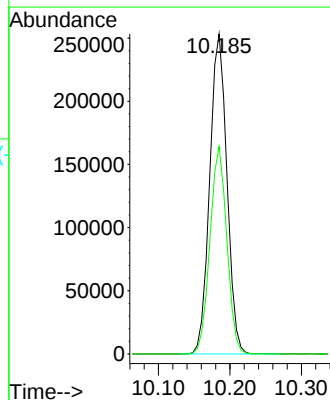
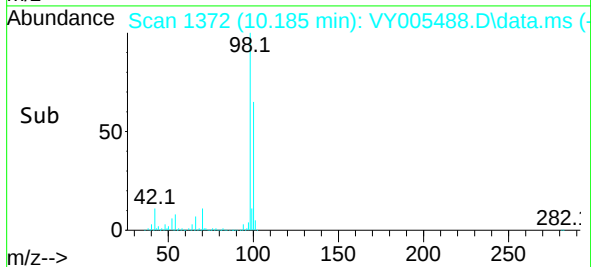
Tgt Ion:117 Resp: 20433
Ion Ratio Lower Upper
117 100
119 5.3 77.2 115.8#
121 0.0 25.1 37.7#

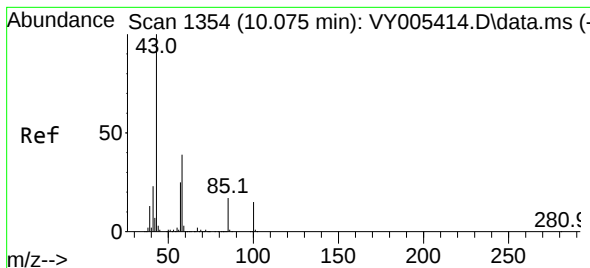


#50
Toluene-d8
Concen: 51.826 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47



Tgt Ion: 98 Resp: 422412
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

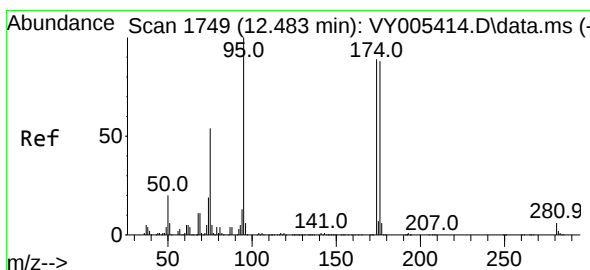
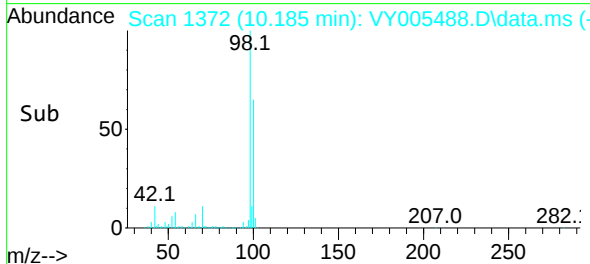
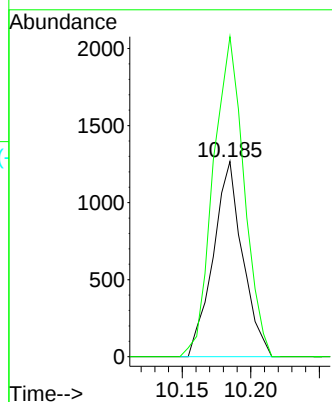
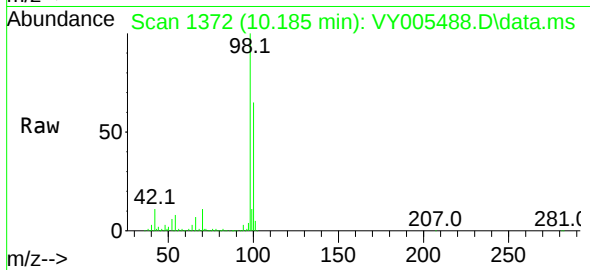




#51
4-Methyl-2-Pentanone
Concen: 1.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

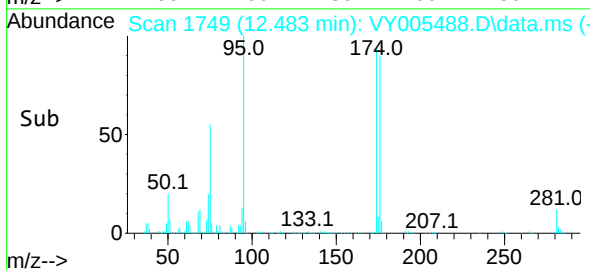
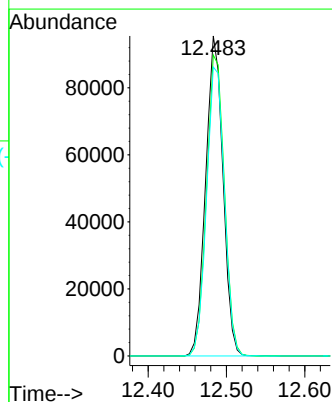
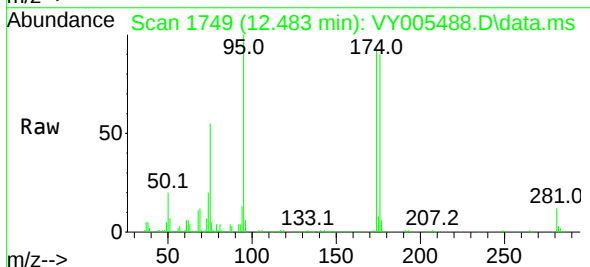
Instrument :
MSVOA_Y
ClientSampled :

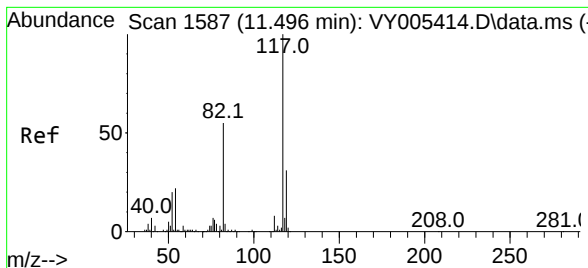
Tgt Ion: 43 Resp: 1893
Ion Ratio Lower Upper
43 100
58 171.4 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 54.354 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion: 95 Resp: 146217
Ion Ratio Lower Upper
95 100
174 96.8 0.0 186.6
176 93.3 0.0 182.4

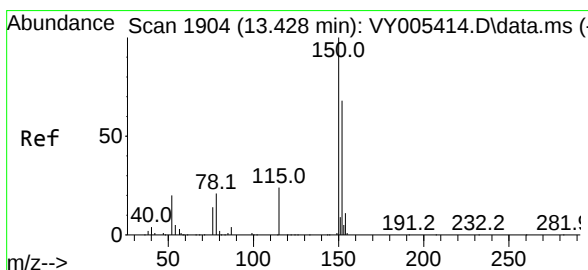
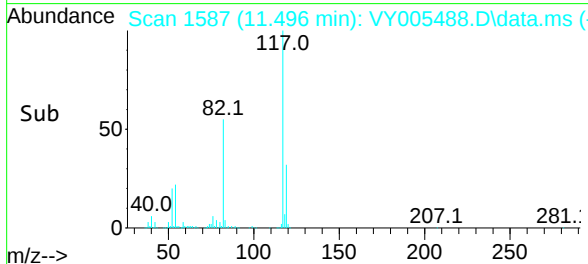
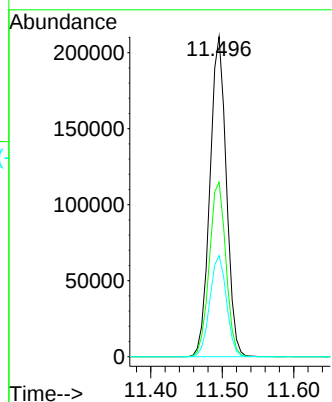
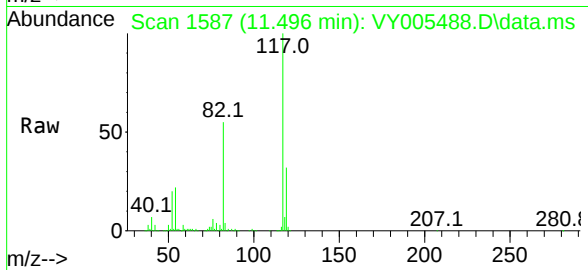




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

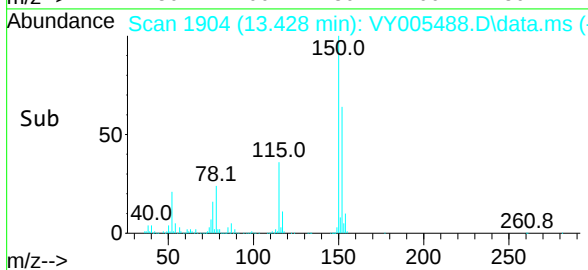
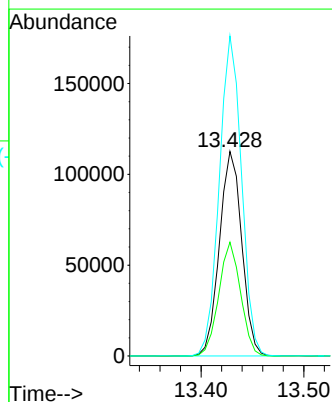
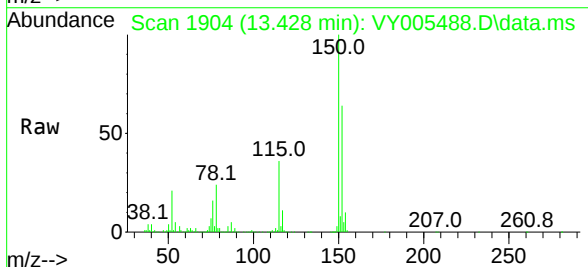
Instrument :
MSVOA_Y
ClientSampled :

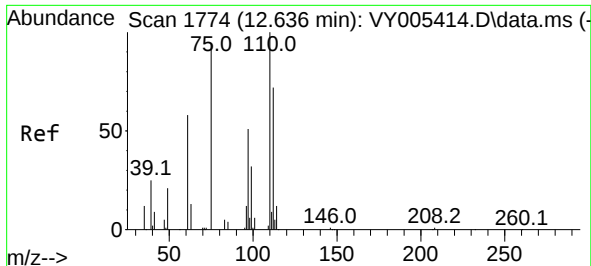
Tgt Ion:117 Resp: 335053
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.6
119 31.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion:152 Resp: 169953
Ion Ratio Lower Upper
152 100
115 54.2 27.7 83.1
150 155.8 0.0 349.6

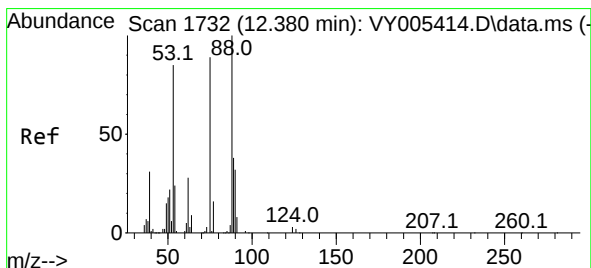
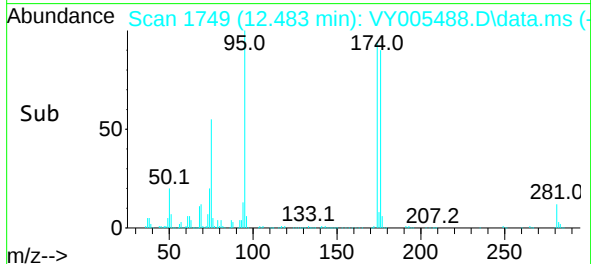
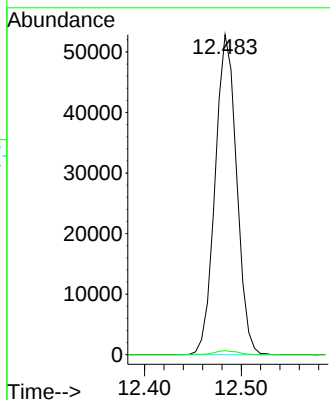
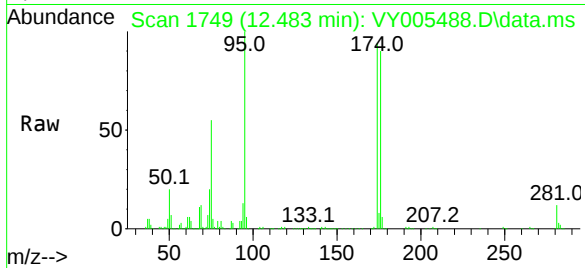




#76
1,2,3-Trichloropropane
Concen: 48.693 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 81430
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005488.D
Acq: 28 Jul 2021 14:47

Tgt Ion: 75 Resp: 81430
Ion Ratio Lower Upper
75 100
53 0.1 76.1 114.1#
89 0.1 36.9 55.3#

