

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005487.D
 Acq On : 28 Jul 2021 14:23
 Operator : SY/MD
 Sample : M3198-05
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 29 05:32:05 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)

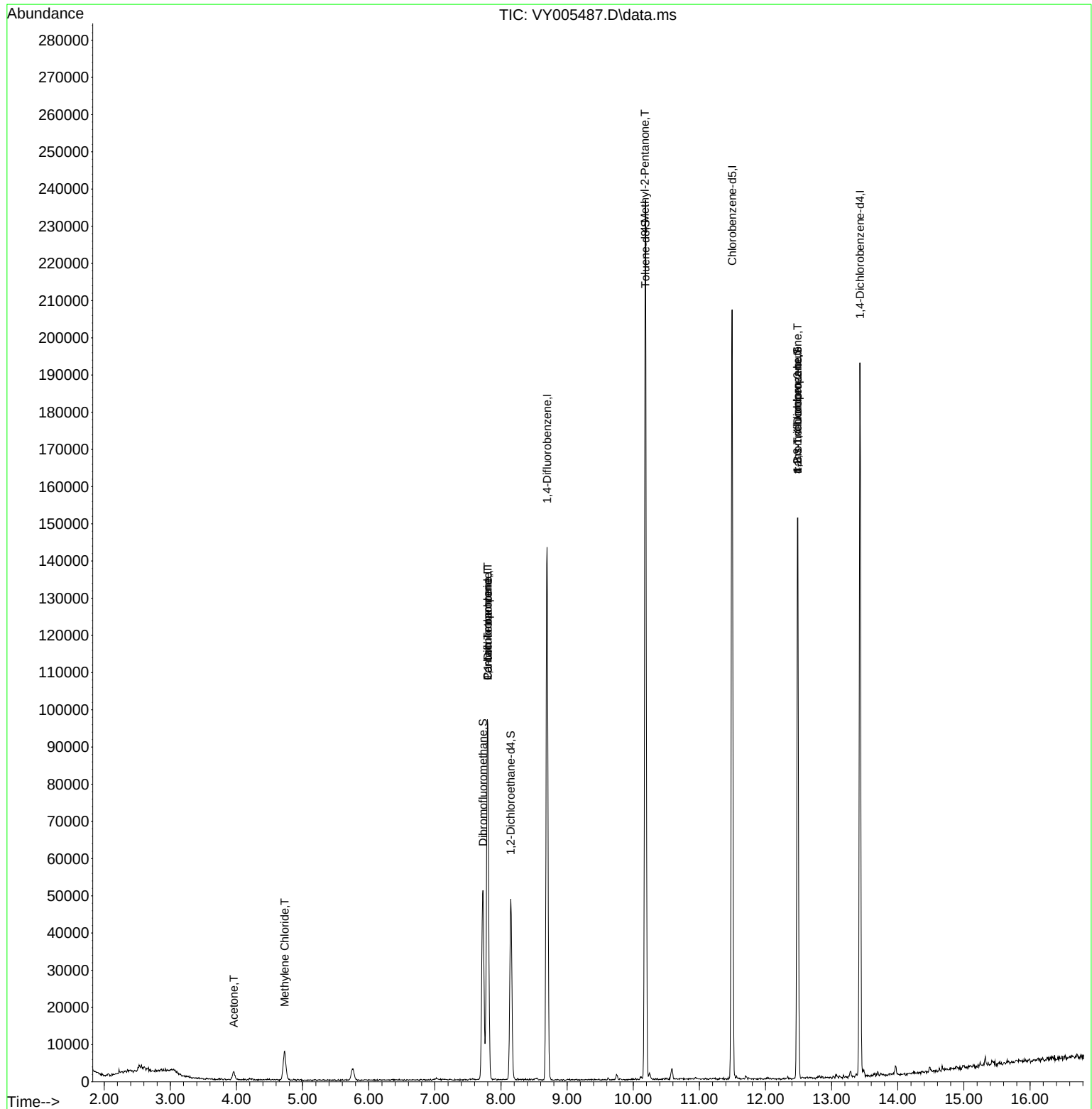
Internal Standards						
1) Pentafluorobenzene	7.801	168	80413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	122364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	111365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40418	47.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.100%
35) Dibromofluoromethane	7.728	113	34721	49.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	153774	51.351	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.700%
62) 4-Bromofluorobenzene	12.483	95	43657	44.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.340%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	3891	19.833	ug/l #	75
20) Methylene Chloride	4.728	84	5655	3.929	ug/l	95
36) 1,1-Dichloropropene	7.801	75	5828	4.926	ug/l #	49
38) Carbon Tetrachloride	7.801	117	7342	5.679	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	775	1.119	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	23755	50.289	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23755	97.647	ug/l #	11

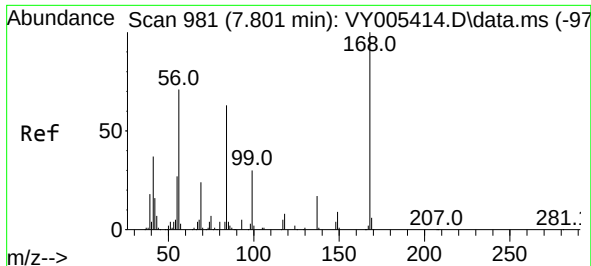
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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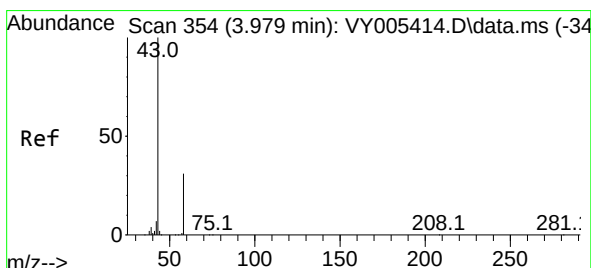
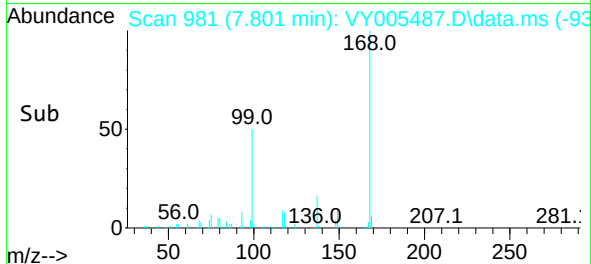
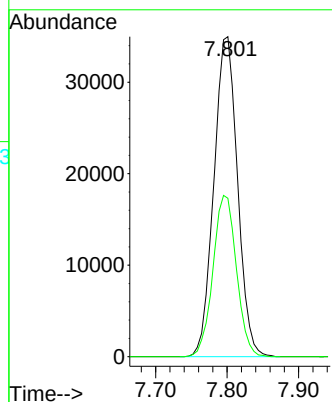
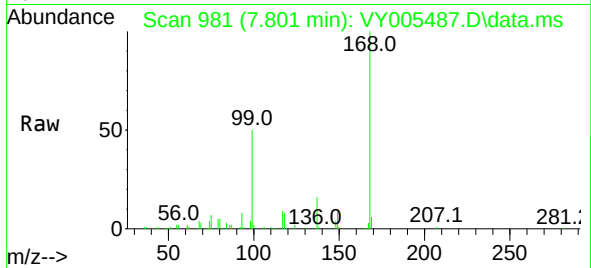




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

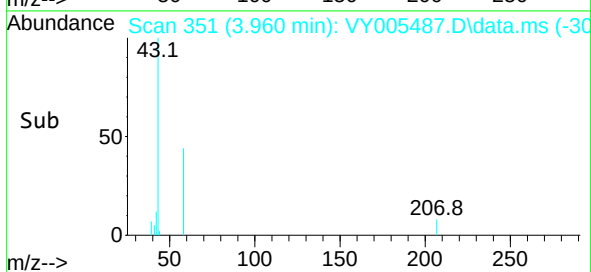
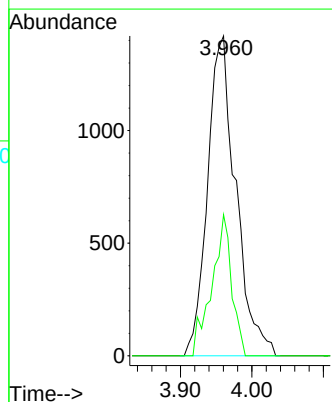
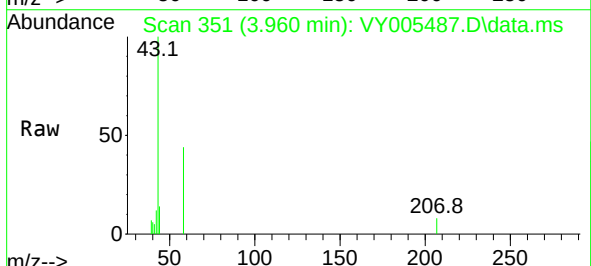
Instrument :
MSVOA_Y
ClientSampleId :

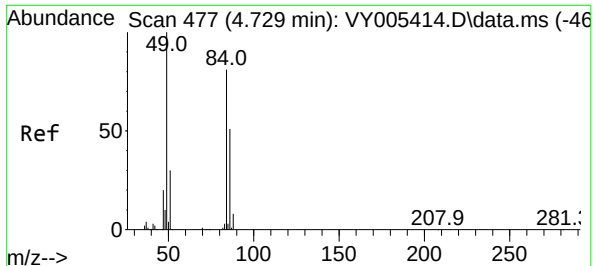
Tgt Ion:168 Resp: 80413
Ion Ratio Lower Upper
168 100
99 49.5 39.8 59.6



#16
Acetone
Concen: 19.833 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion: 43 Resp: 3891
Ion Ratio Lower Upper
43 100
58 44.2 24.5 36.7#





#20

Methylene Chloride

Concen: 3.929 ug/l

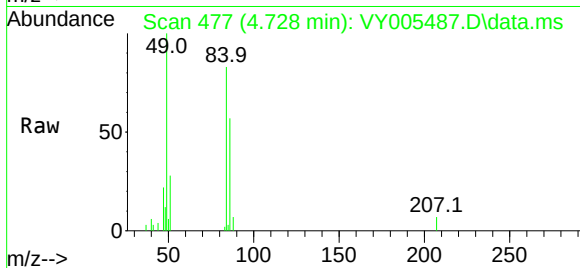
RT: 4.728 min Scan# 477

Delta R.T. -0.001 min

Lab File: VY005487.D

Acq: 28 Jul 2021 14:23

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5655

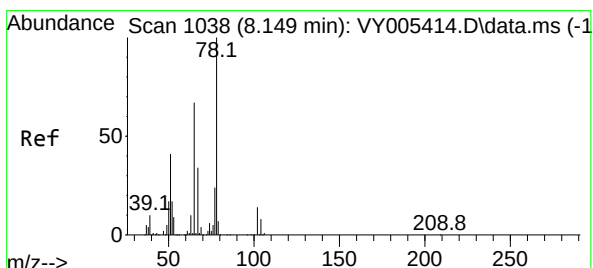
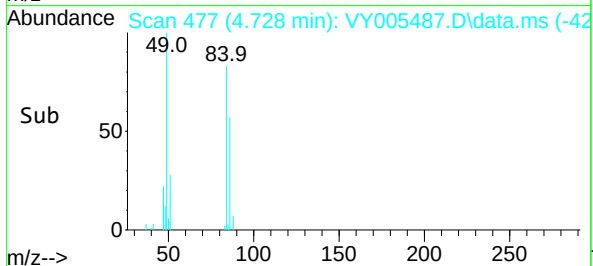
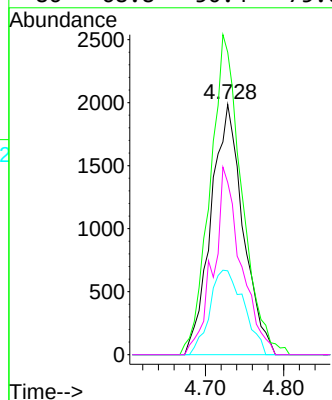
Ion Ratio Lower Upper

84 100

49 120.8 98.9 148.3

51 33.5 30.0 45.0

86 68.8 50.4 75.6



#33

1,2-Dichloroethane-d4

Concen: 47.048 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY005487.D

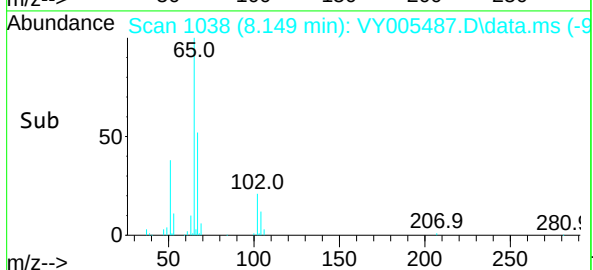
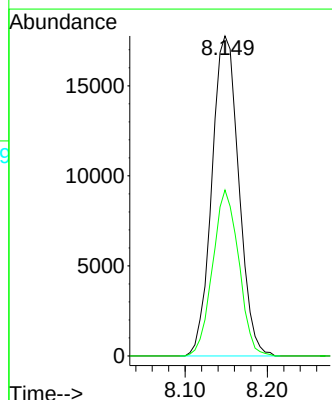
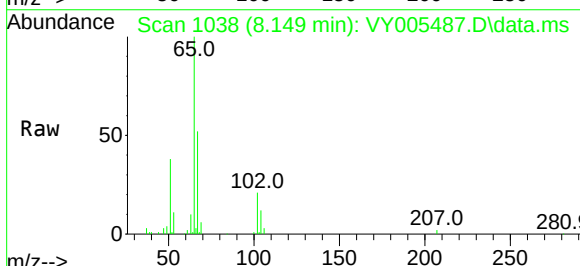
Acq: 28 Jul 2021 14:23

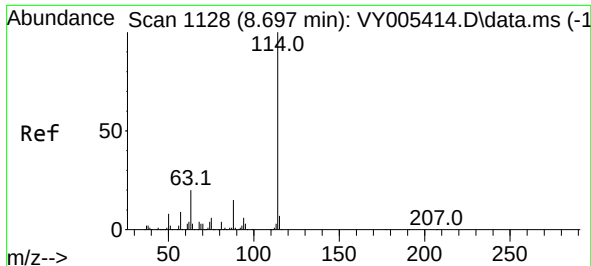
Tgt Ion: 65 Resp: 40418

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.2

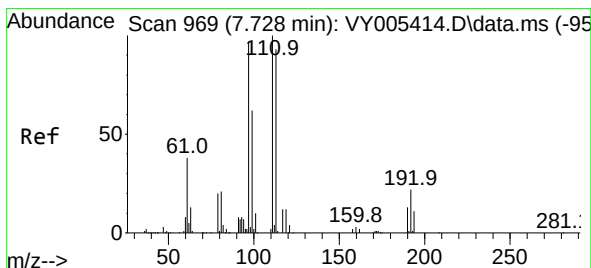
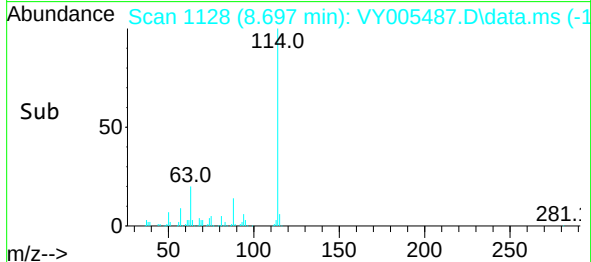
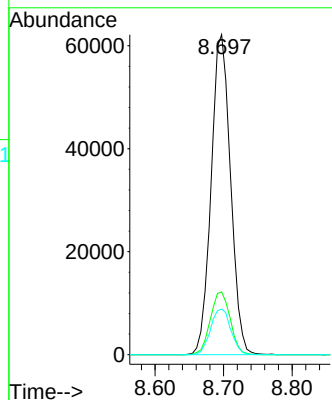
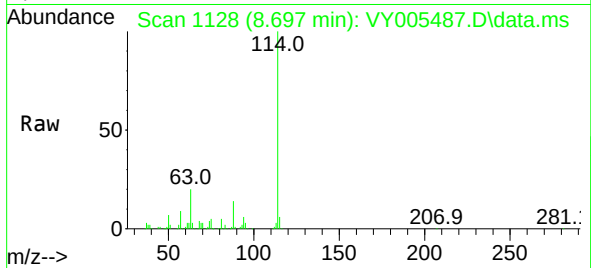




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

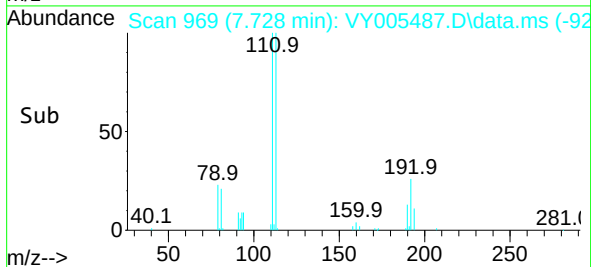
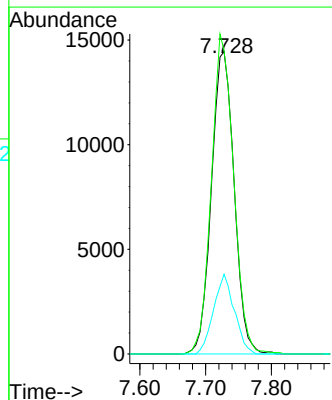
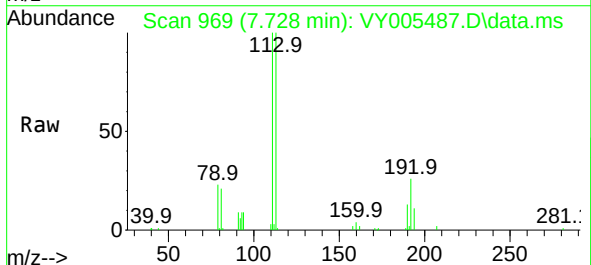
Instrument :
MSVOA_Y
ClientSampleId :

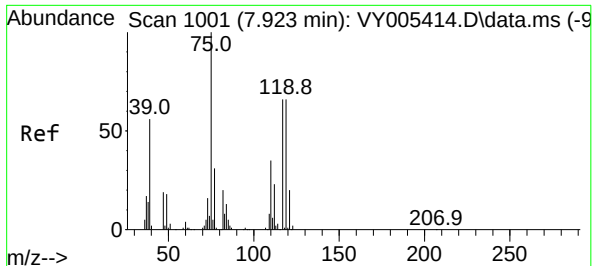
Tgt Ion:114 Resp: 122364
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.0
88 14.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.142 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion:113 Resp: 34721
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 24.1 18.9 28.3

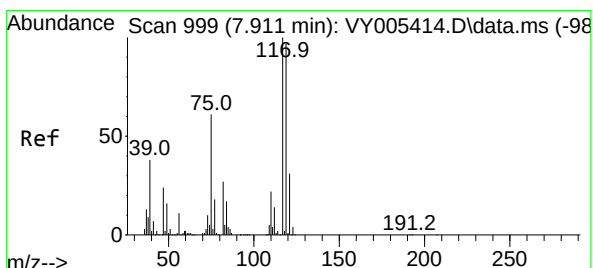
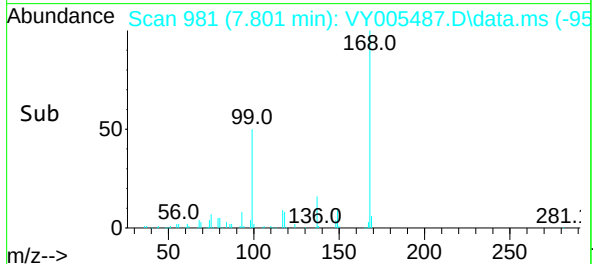
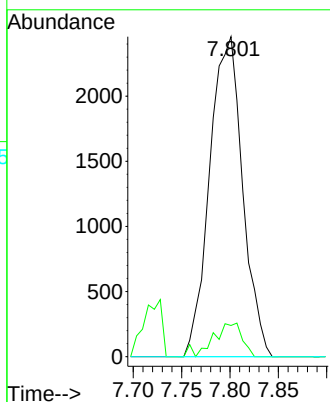
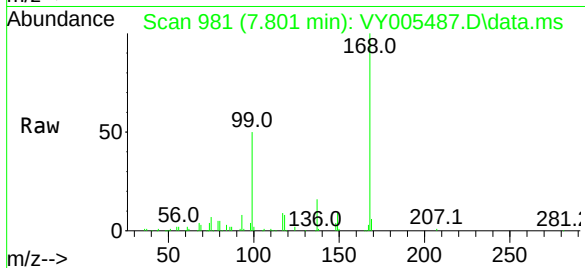




#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

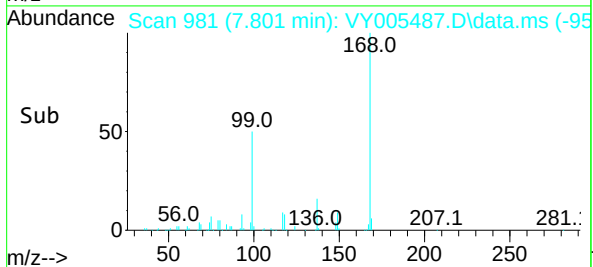
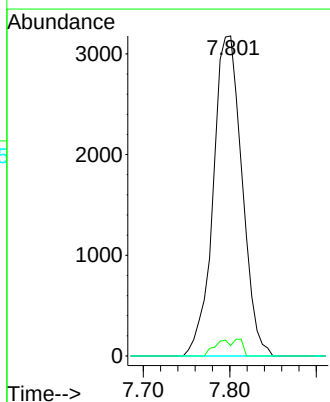
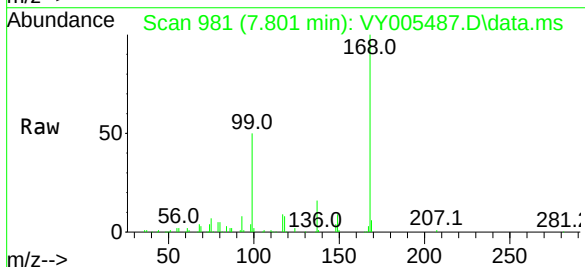
Instrument :
MSVOA_Y
ClientSampleId :

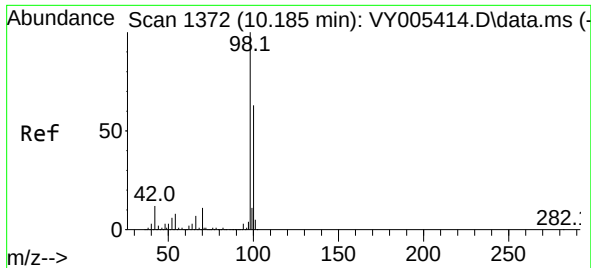
Tgt Ion: 75 Resp: 5828
Ion Ratio Lower Upper
75 100
110 8.7 17.6 52.9#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.679 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion: 117 Resp: 7342
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 25.1 37.7#

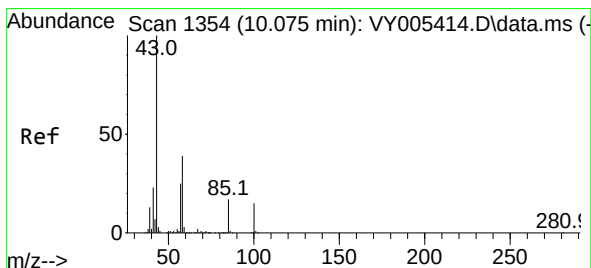
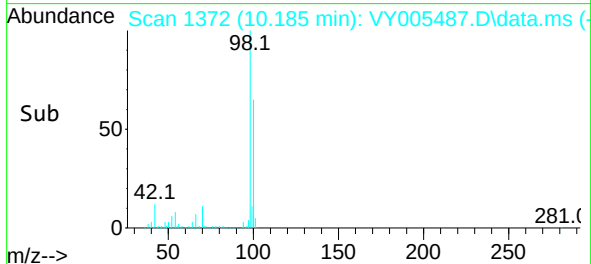
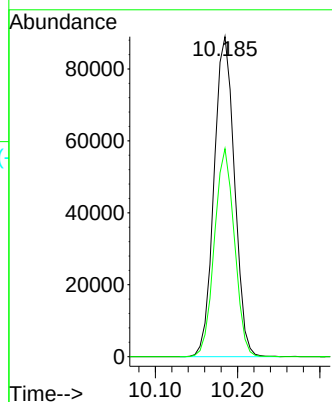
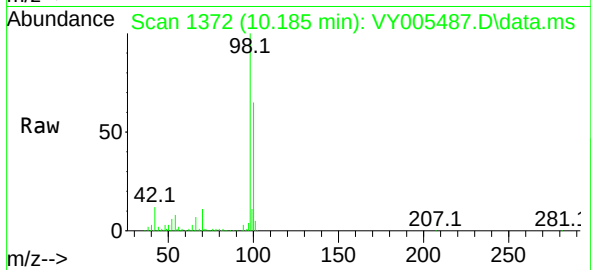




#50
Toluene-d8
Concen: 51.351 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

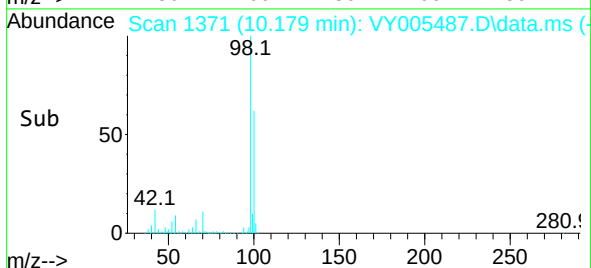
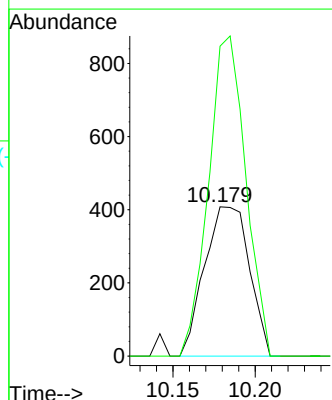
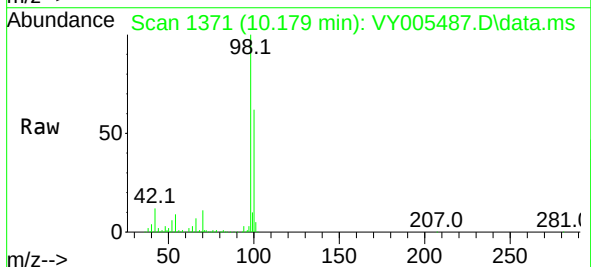
Instrument :
MSVOA_Y
ClientSampled :

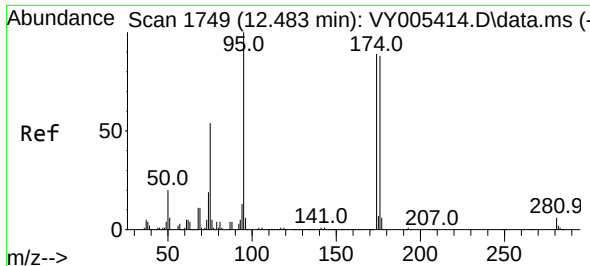
Tgt Ion: 98 Resp: 153774
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.119 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion: 43 Resp: 775
Ion Ratio Lower Upper
43 100
58 178.1 31.2 46.8#

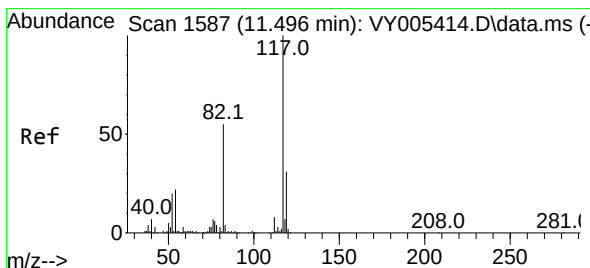
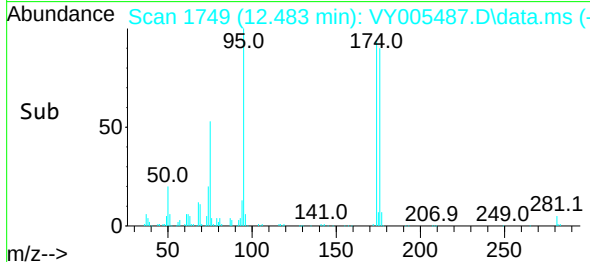
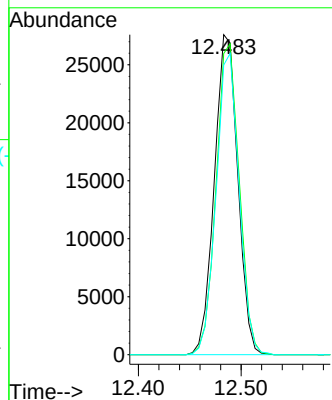
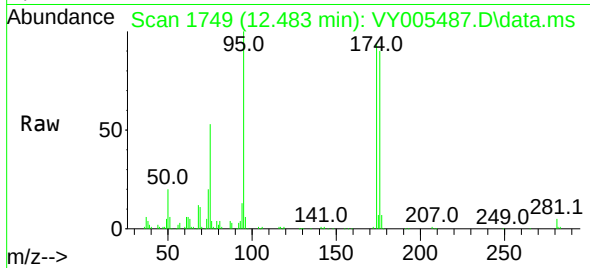




#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

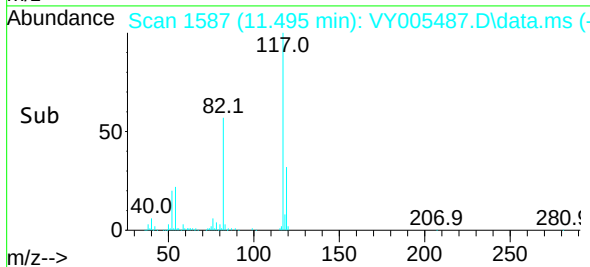
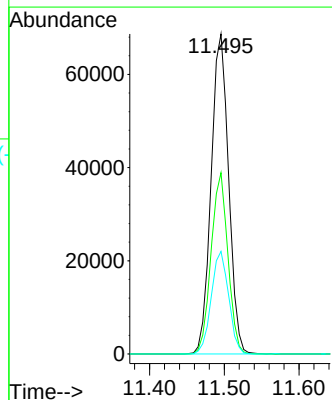
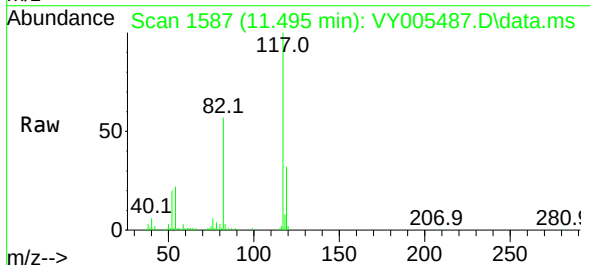
Instrument :
MSVOA_Y
ClientSampleId :

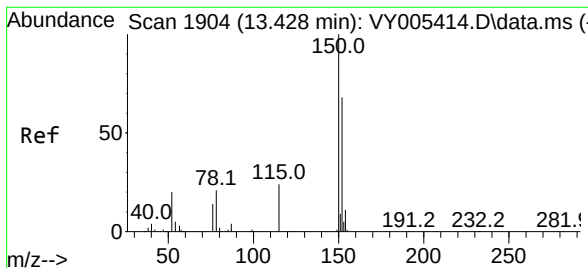
Tgt Ion:	95	Resp:	43657
Ion	Ratio	Lower	Upper
95	100		
174	96.1	0.0	186.6
176	92.3	0.0	182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005487.D
Acq: 28 Jul 2021 14:23

Tgt Ion:	117	Resp:	111365
Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.8	65.6
119	32.0	24.8	37.2

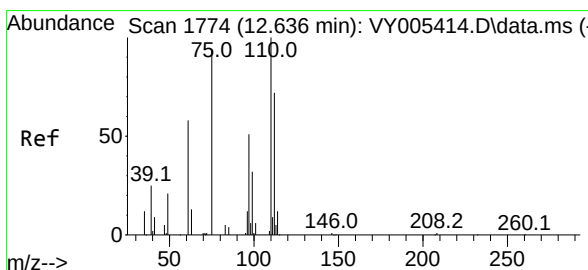
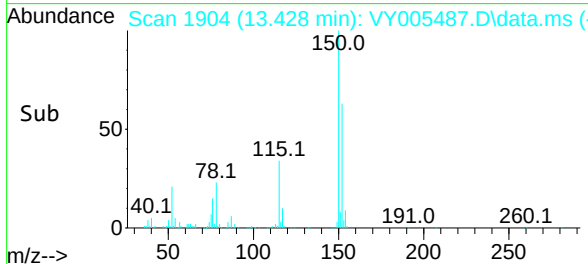
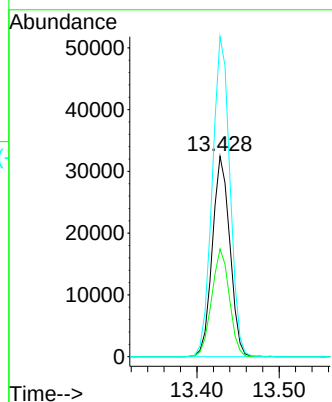
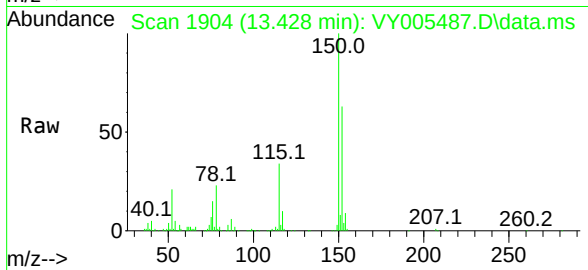




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005487.D
 Acq: 28 Jul 2021 14:23

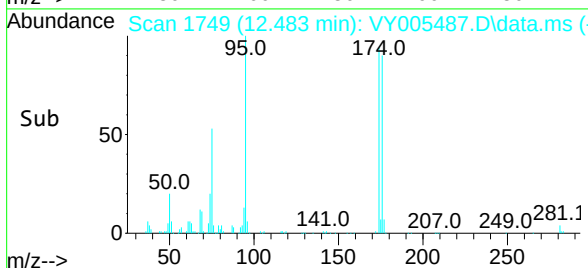
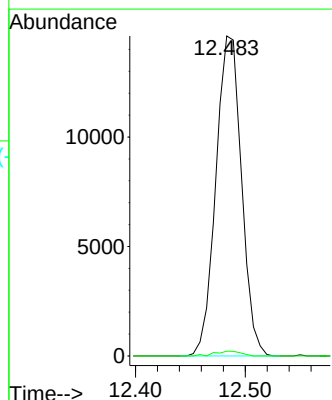
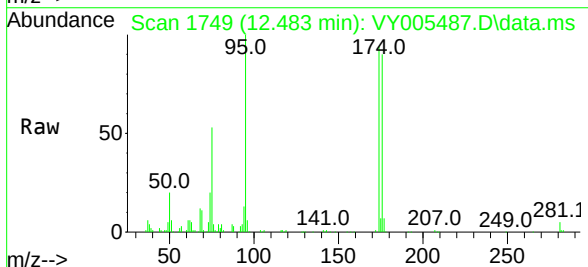
Instrument :
 MSVOA_Y
 ClientSampleId :

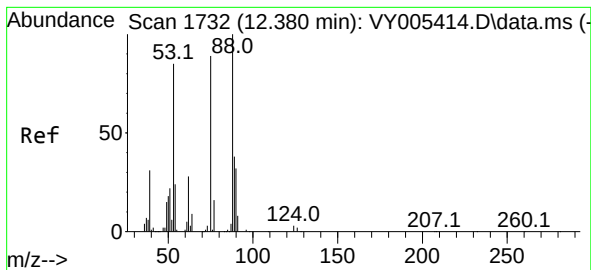
Tgt Ion:152 Resp: 48006
 Ion Ratio Lower Upper
 152 100
 115 53.9 27.7 83.1
 150 160.8 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 50.289 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005487.D
 Acq: 28 Jul 2021 14:23

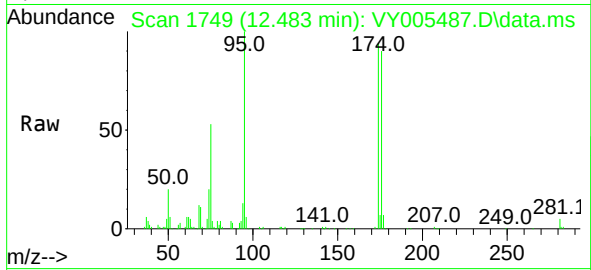
Tgt Ion: 75 Resp: 23755
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.647 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005487.D
 Acq: 28 Jul 2021 14:23

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.0	36.9	55.3#

