

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070721\
 Data File : VY005370.D
 Acq On : 07 Jul 2021 17:17
 Operator : SY/MD
 Sample : M2947-02
 Misc : 7.75G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 08 02:06:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

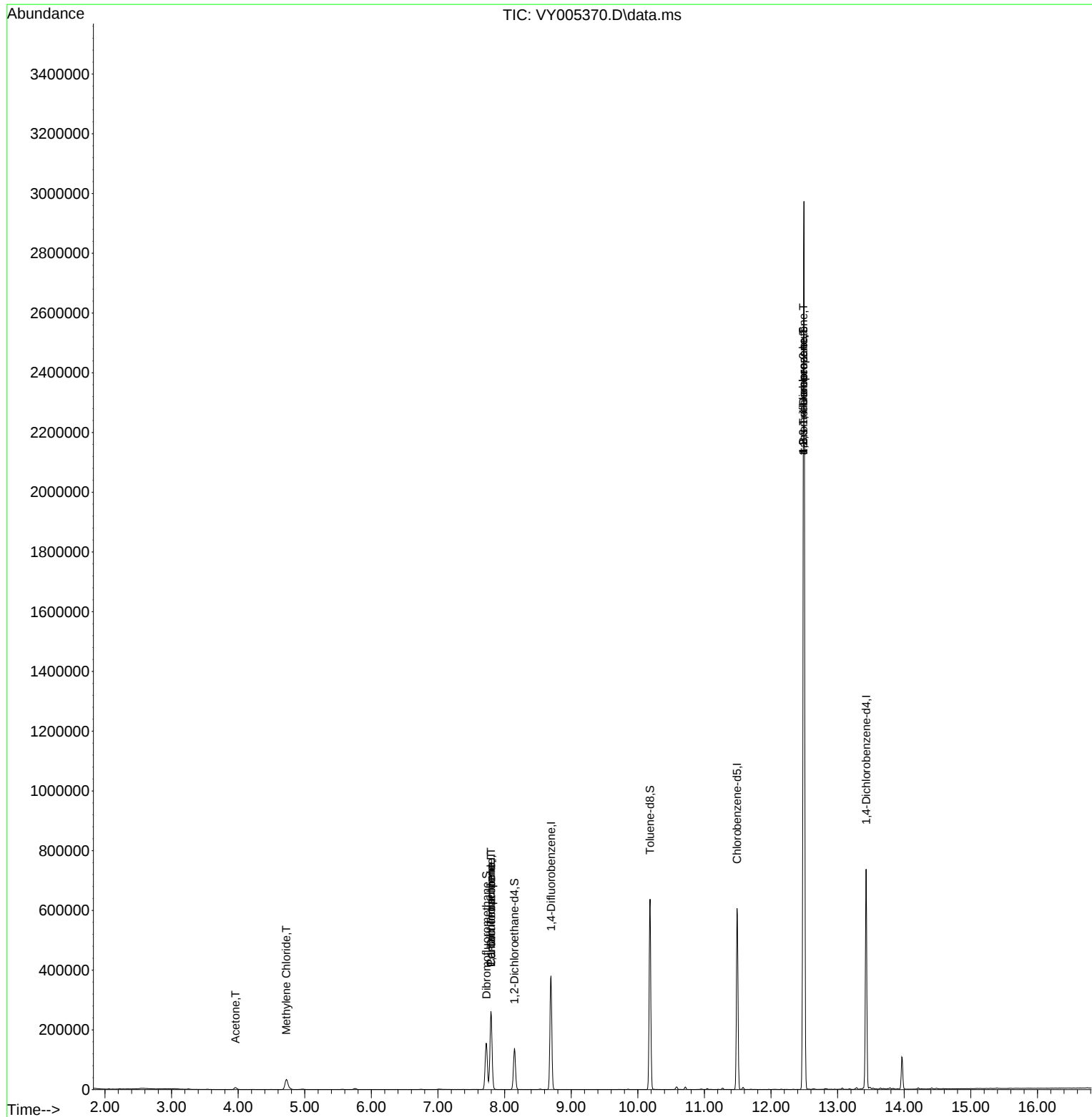
Internal Standards						
1) Pentafluorobenzene	7.795	168	239420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	371250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	209913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	107238	53.974	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.940%	
35) Dibromofluoromethane	7.728	113	111429	50.893	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.780%	
50) Toluene-d8	10.185	98	445137	50.839	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.483	95	171351	58.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	1773	Below Cal		97
16) Acetone	3.960	43	11579	25.227	ug/l	98
20) Methylene Chloride	4.722	84	30684	4.663	ug/l	89
36) 1,1-Dichloropropene	7.795	75	12813	3.919	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18539	5.417	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	87177	46.827	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	87177	87.368	ug/l #	20

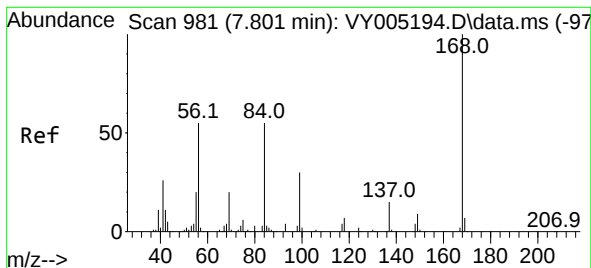
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

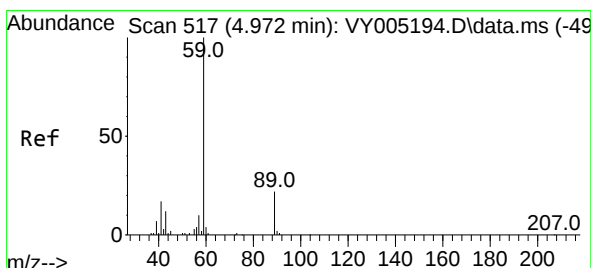
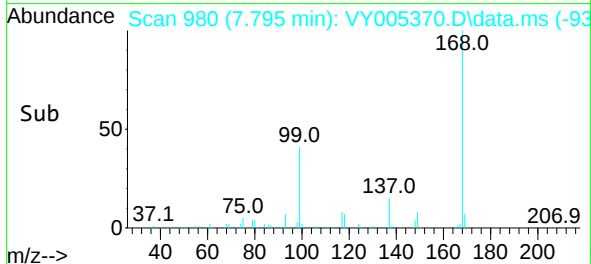
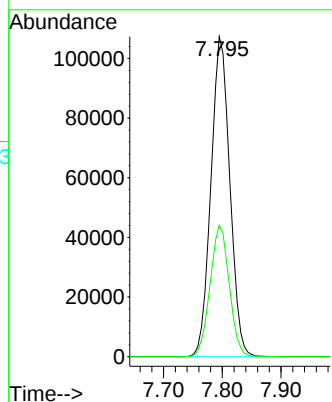
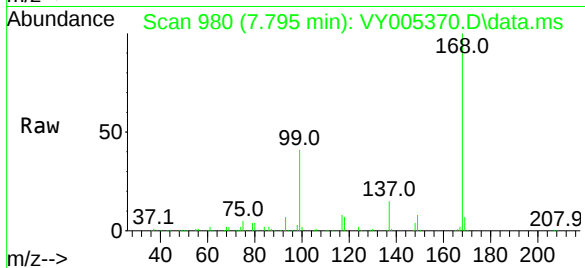
Lab File: VY005370.D

Acq: 07 Jul 2021 17:17

Tgt Ion:168 Resp: 239420

Ion Ratio Lower Upper

168	100		
99	41.1	36.2	54.4



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 515

Delta R.T. -0.012 min

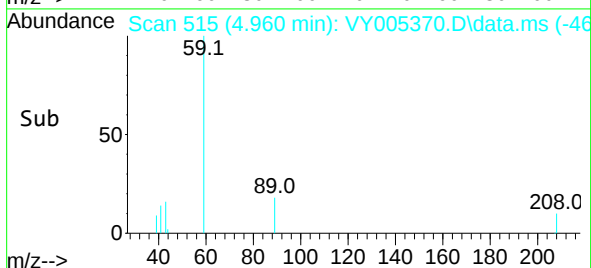
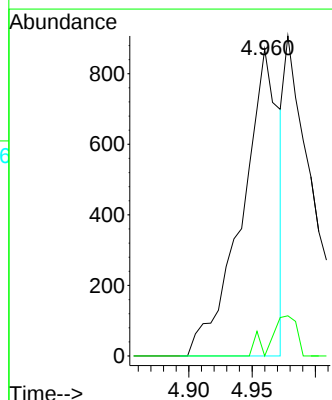
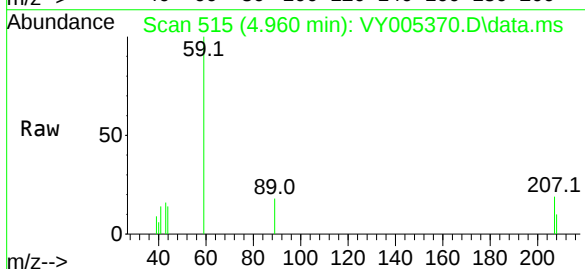
Lab File: VY005370.D

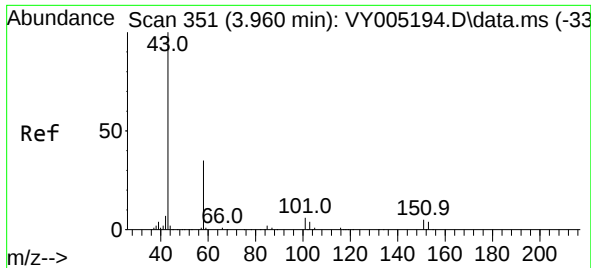
Acq: 07 Jul 2021 17:17

Tgt Ion: 59 Resp: 1773

Ion Ratio Lower Upper

59	100		
57	9.2	6.5	9.7

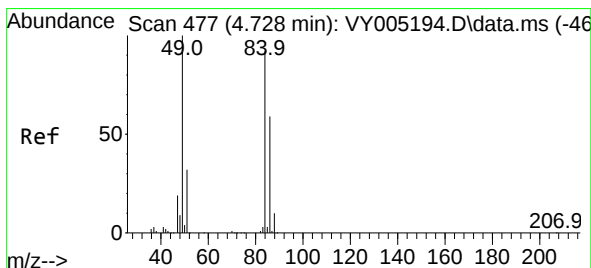
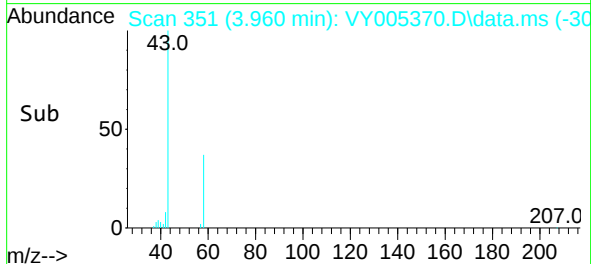
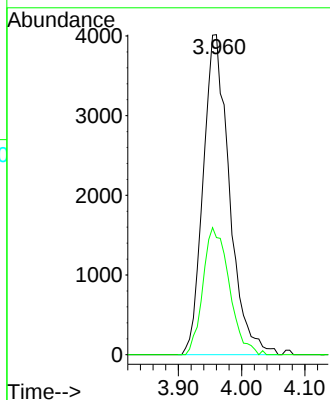
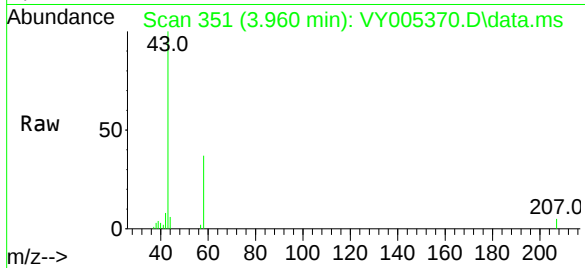




#16
Acetone
Concen: 25.227 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

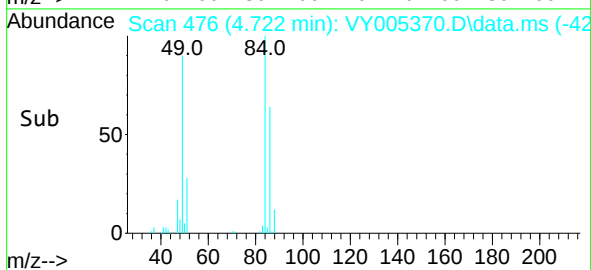
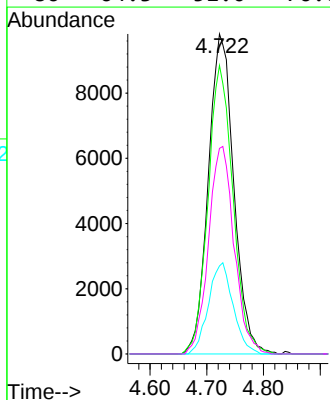
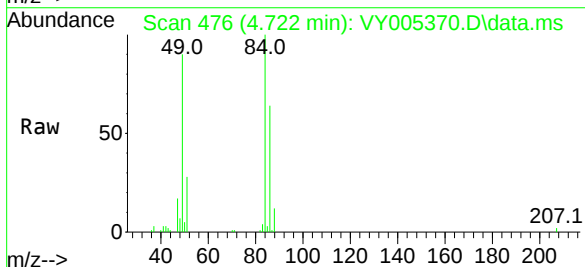
Instrument :
MSVOA_Y
ClientSampleId :

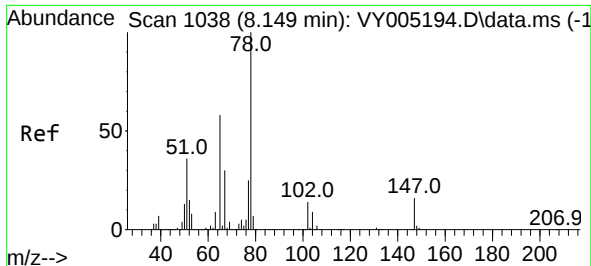
Tgt Ion: 43 Resp: 11579
Ion Ratio Lower Upper
43 100
58 36.6 28.2 42.2



#20
Methylene Chloride
Concen: 4.663 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

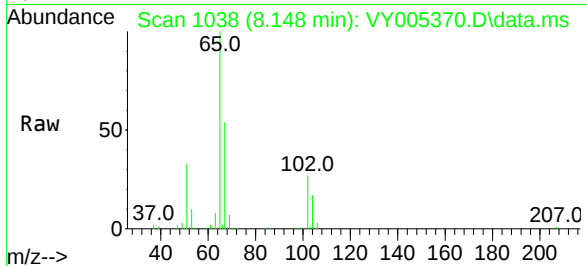
Tgt Ion: 84 Resp: 30684
Ion Ratio Lower Upper
84 100
49 90.1 86.9 130.3
51 27.5 27.4 41.2
86 64.3 51.0 76.6



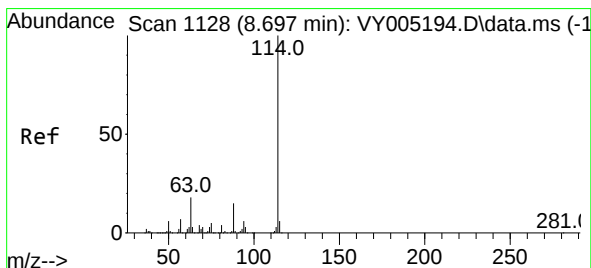
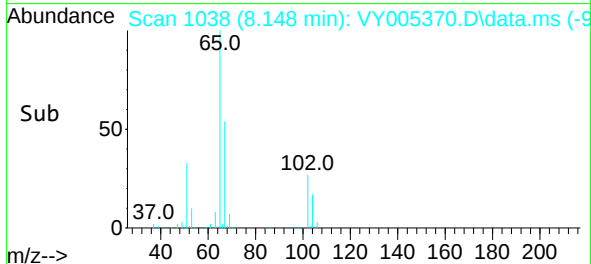
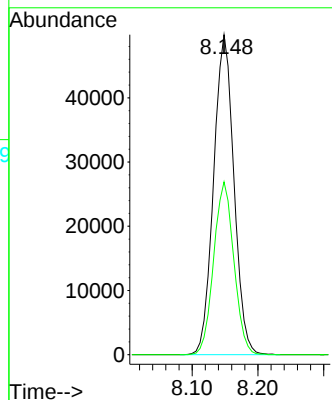


#33
 1,2-Dichloroethane-d4
 Concen: 53.974 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005370.D
 Acq: 07 Jul 2021 17:17

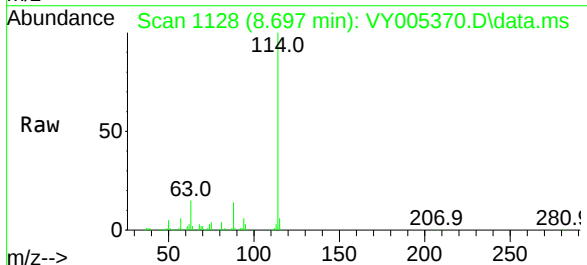
Instrument :
 MSVOA_Y
 ClientSampleId :



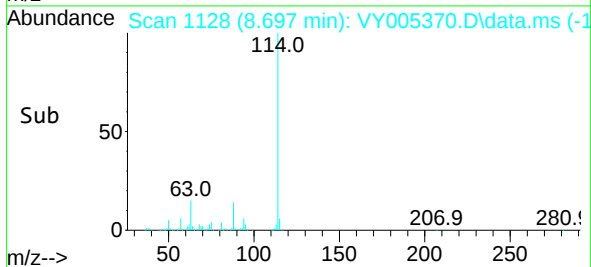
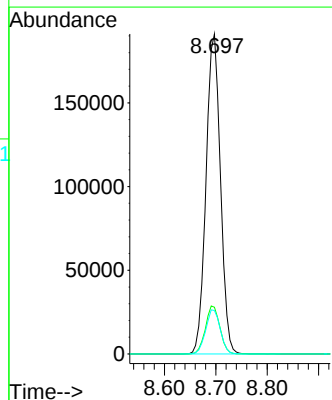
Tgt Ion: 65 Resp: 107238
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.6

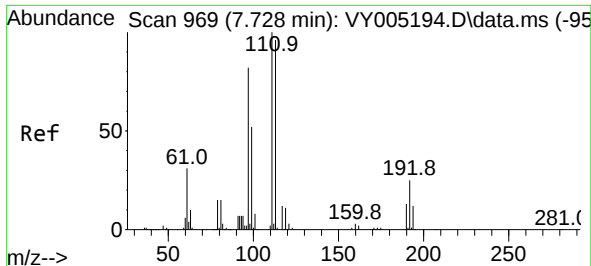


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005370.D
 Acq: 07 Jul 2021 17:17



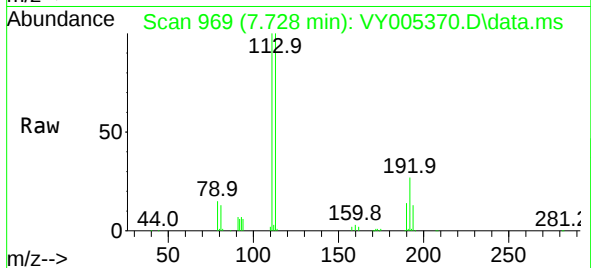
Tgt Ion: 114 Resp: 371250
 Ion Ratio Lower Upper
 114 100
 63 14.6 0.0 35.2
 88 13.6 0.0 29.4



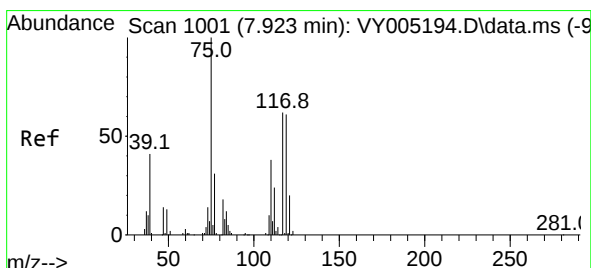
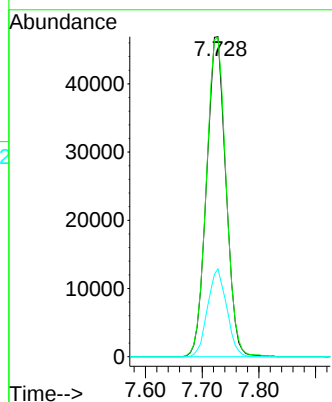
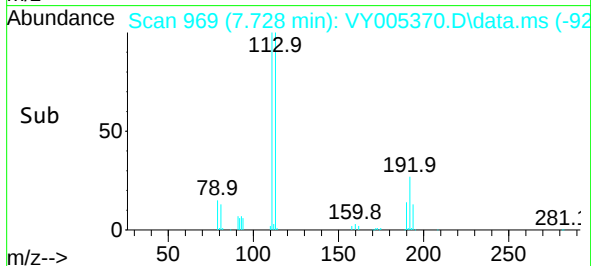


#35
Dibromofluoromethane
Concen: 50.893 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

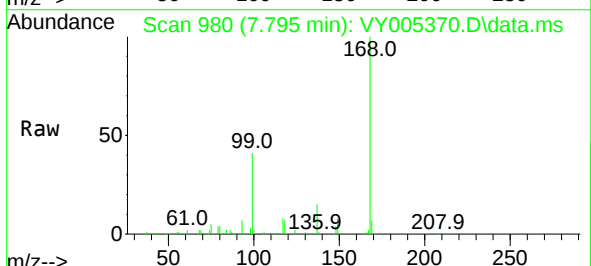
Instrument :
MSVOA_Y
ClientSampleId :



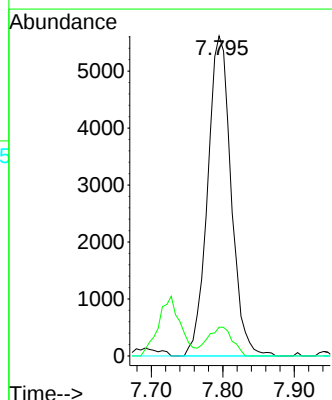
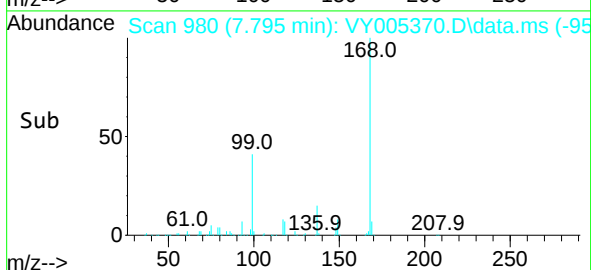
Tgt Ion:113 Resp: 111429
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 27.0 20.2 30.2

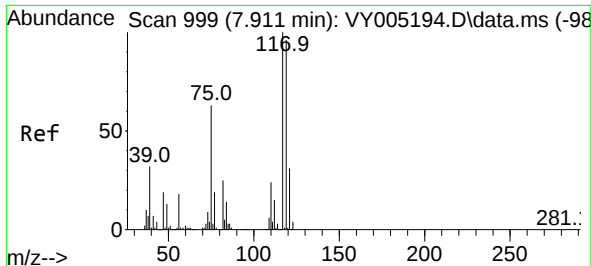


#36
1,1-Dichloropropene
Concen: 3.919 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17



Tgt Ion: 75 Resp: 12813
Ion Ratio Lower Upper
75 100
110 9.3 19.1 57.5#
77 0.0 25.2 37.8#

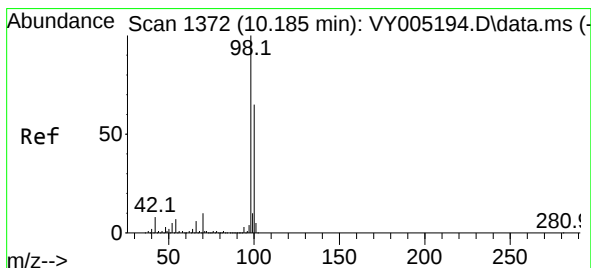
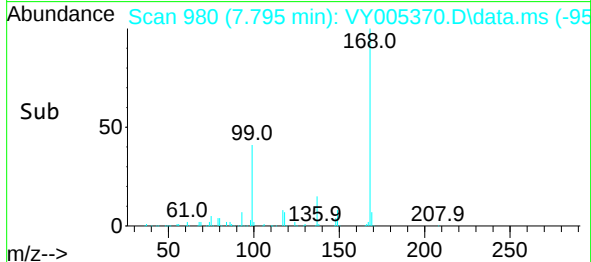
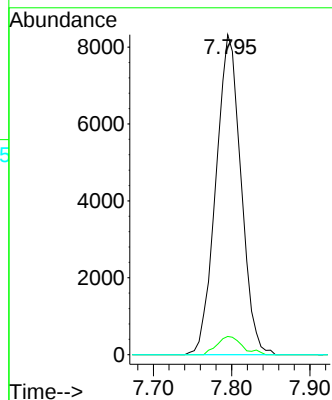
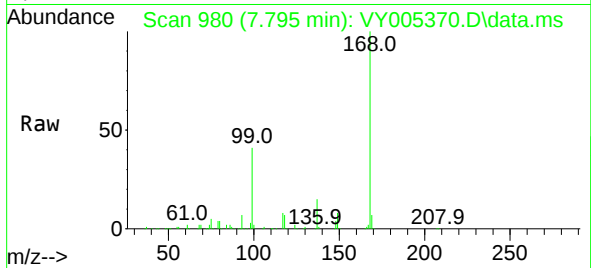




#38
Carbon Tetrachloride
Concen: 5.417 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

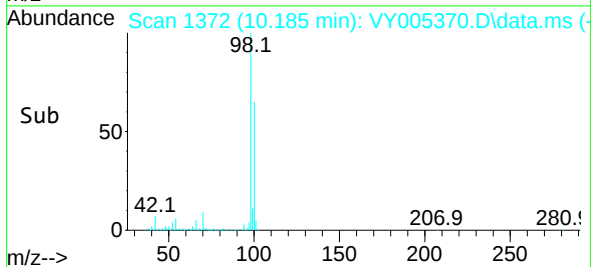
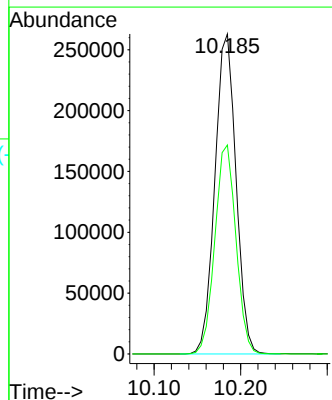
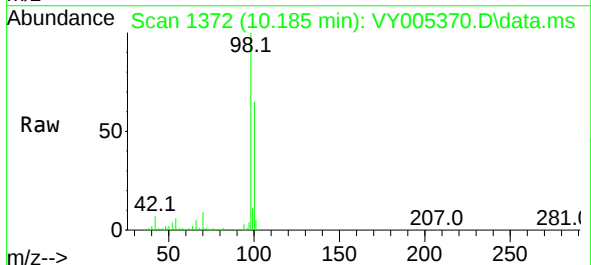
Instrument :
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ClientSampleId :

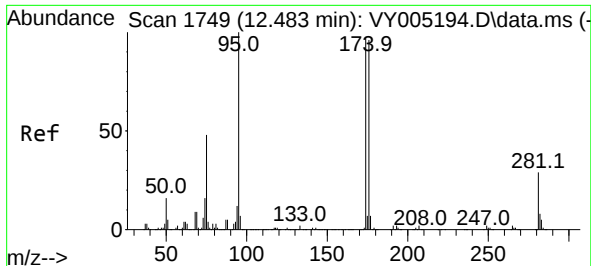
Tgt Ion:117 Resp: 18539
Ion Ratio Lower Upper
117 100
119 5.7 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.839 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

Tgt Ion: 98 Resp: 445137
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

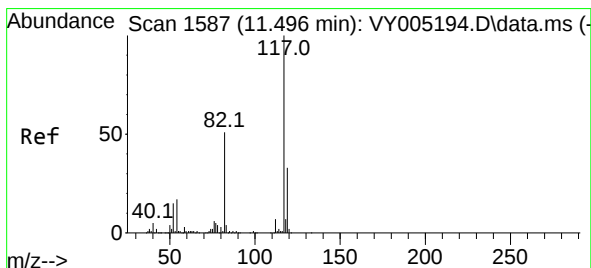
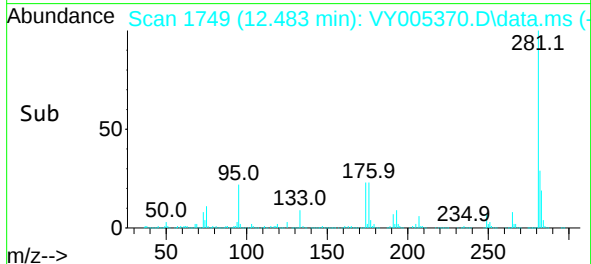
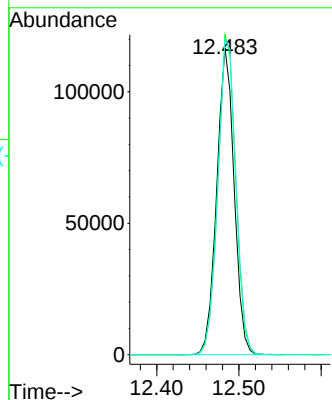
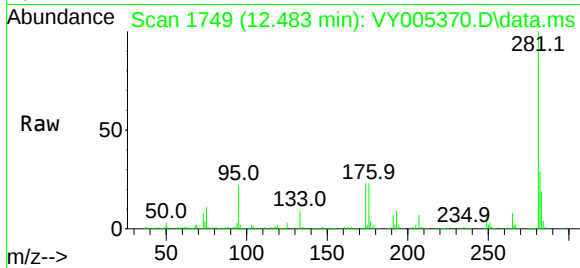




#62
4-Bromofluorobenzene
Concen: 58.728 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

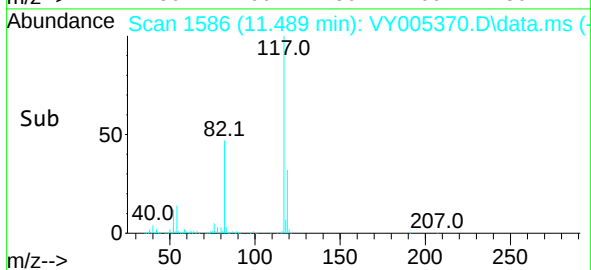
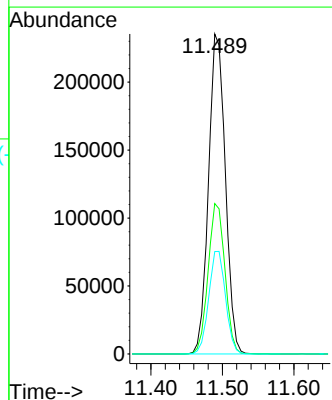
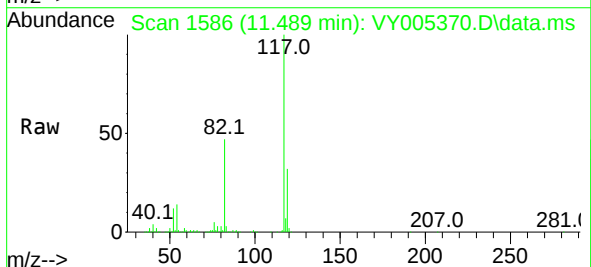
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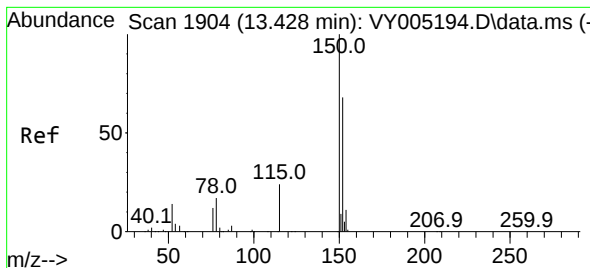
Tgt Ion: 95 Resp: 171351
Ion Ratio Lower Upper
95 100
174 106.7 0.0 201.6
176 107.1 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005370.D
Acq: 07 Jul 2021 17:17

Tgt Ion: 117 Resp: 384186
Ion Ratio Lower Upper
117 100
82 47.0 40.6 60.8
119 32.0 26.1 39.1

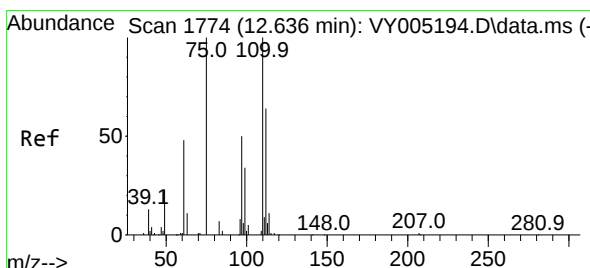
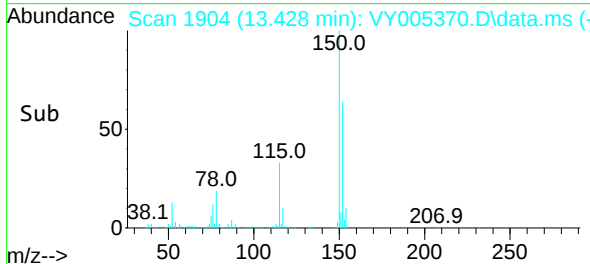
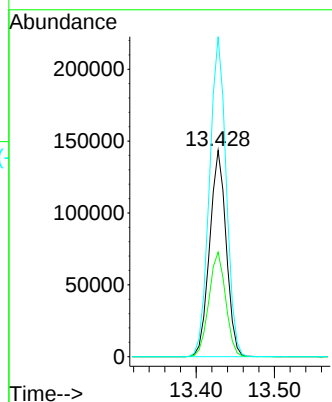
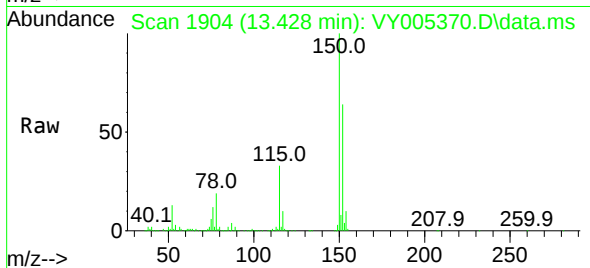




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005370.D
 Acq: 07 Jul 2021 17:17

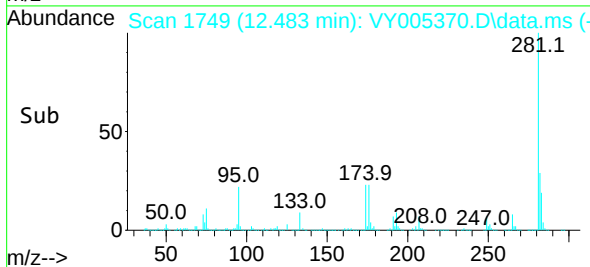
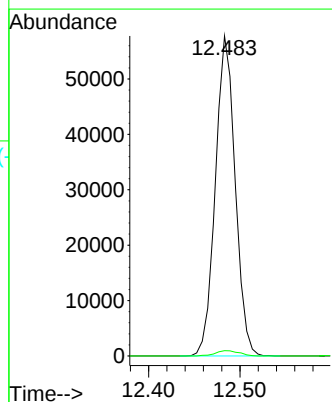
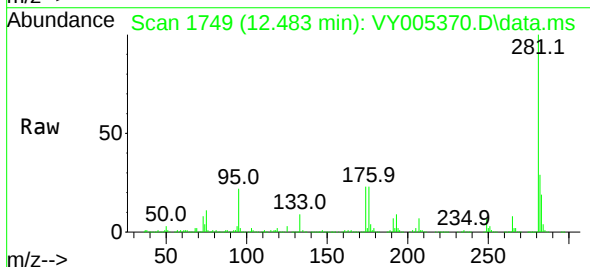
Instrument :
 MSVOA_Y
 ClientSampleId :

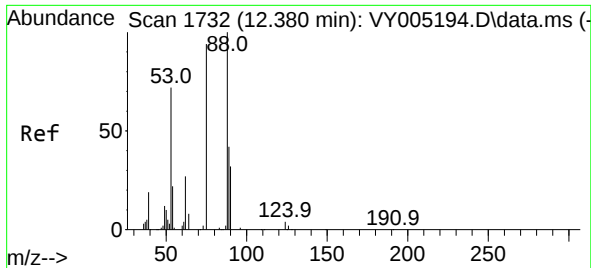
Tgt Ion:152 Resp: 209913
 Ion Ratio Lower Upper
 152 100
 115 51.2 26.3 78.8
 150 156.7 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 46.827 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005370.D
 Acq: 07 Jul 2021 17:17

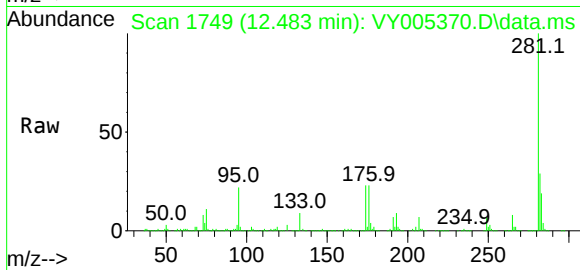
Tgt Ion: 75 Resp: 87177
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.368 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005370.D
 Acq: 07 Jul 2021 17:17

Instrument :
 MSVOA_Y
 ClientSampled :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	5.7	38.0	57.0#

