

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005243.D
 Acq On : 28 Jun 2021 12:54
 Operator : SY/MD
 Sample : M2866-01
 Misc : 3.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055

Quant Time: Jun 29 01:15:45 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)

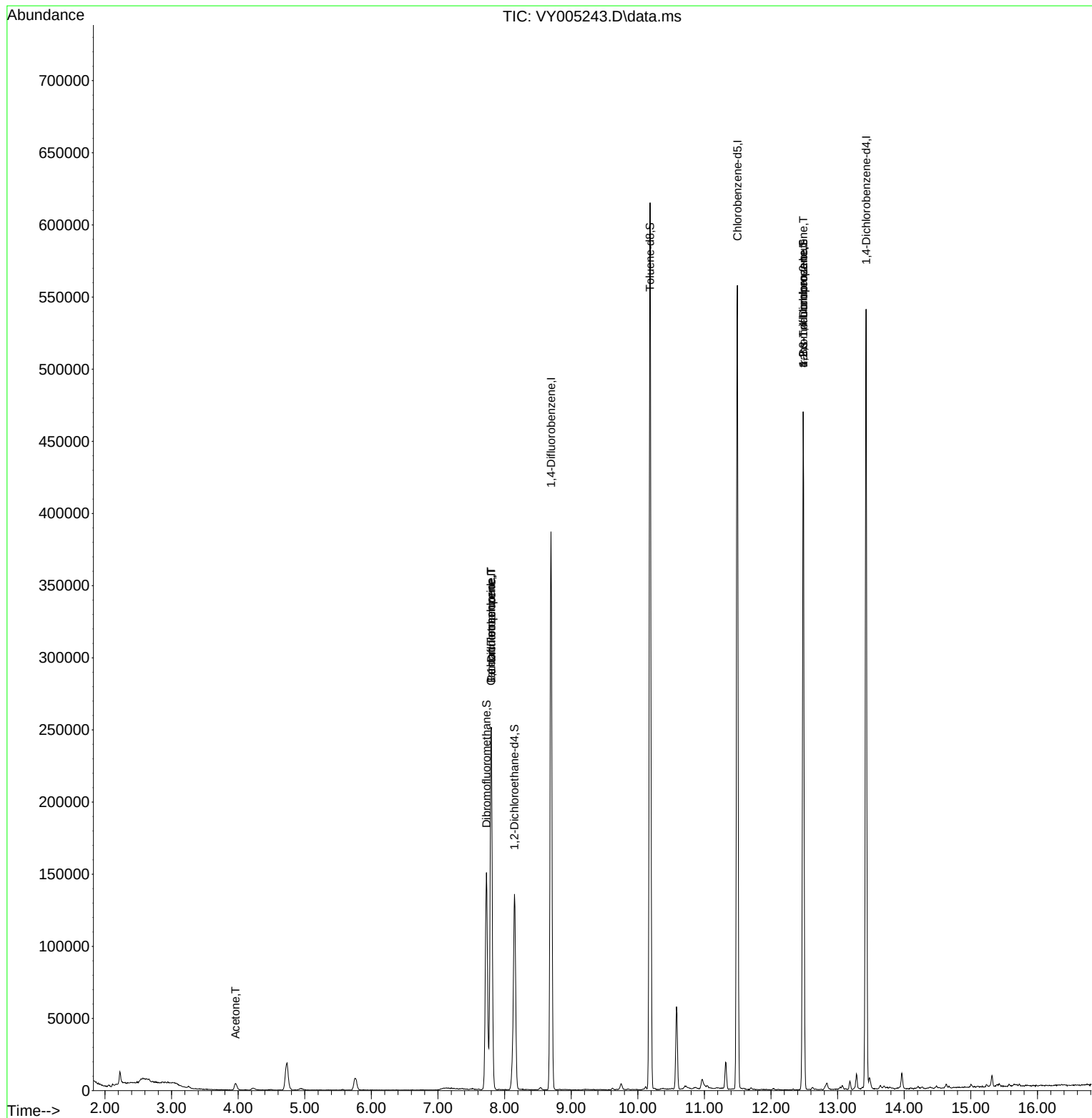
Internal Standards						
1) Pentafluorobenzene	7.801	168	222897	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	349023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	328606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149514	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	101998	55.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.280%	
35) Dibromofluoromethane	7.728	113	105684	51.343	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.680%	
50) Toluene-d8	10.185	98	417830	50.759	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	12.483	95	133401	48.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.260%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	867	Below Cal	#	77
16) Acetone	3.960	43	8241	19.286	ug/l	94
20) Methylene Chloride	4.728	84	15433	Below Cal		92
36) 1,1-Dichloropropene	7.801	75	13613	4.429	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18380	5.713	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63161	47.632	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63161	88.870	ug/l #	17

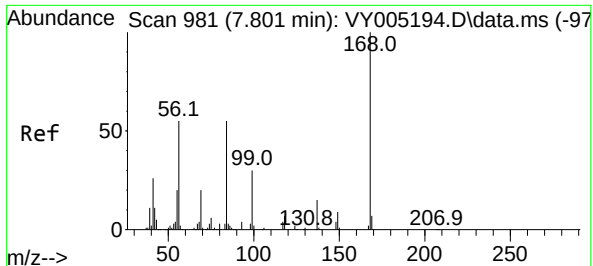
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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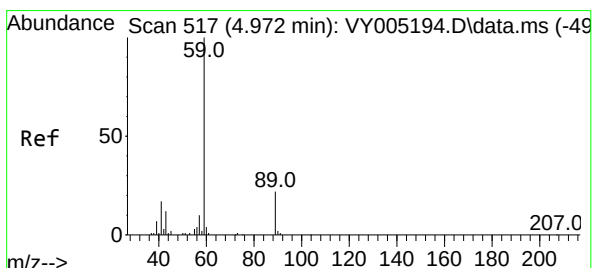
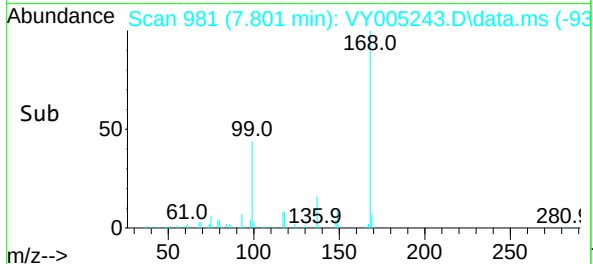
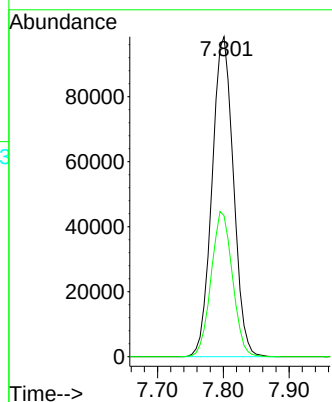
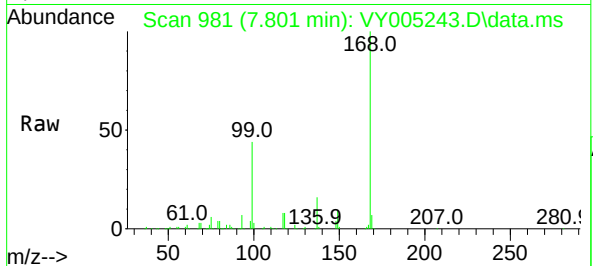




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

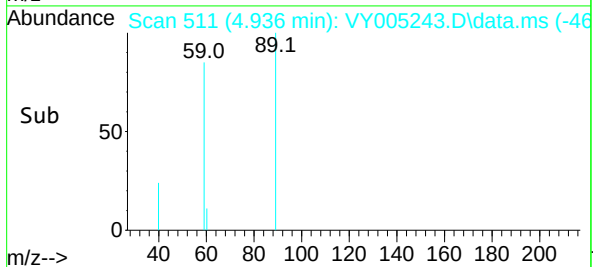
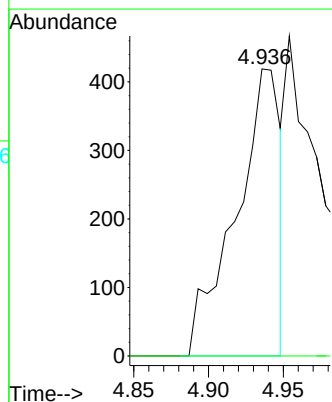
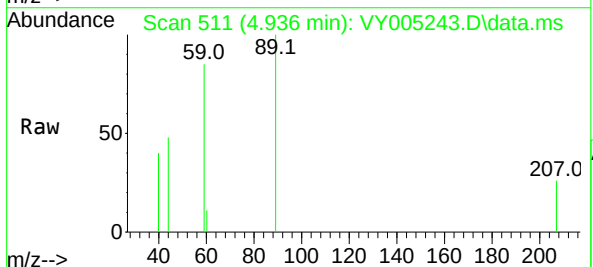
Instrument :
MSVOA_Y
ClientSampleId :
124055

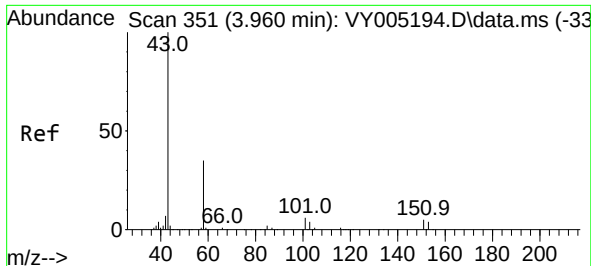
Tgt Ion:168 Resp: 222897
Ion Ratio Lower Upper
168 100
99 44.1 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 59 Resp: 867
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

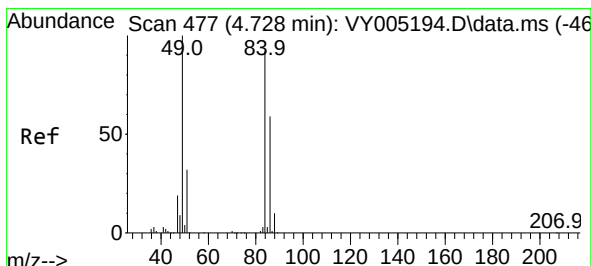
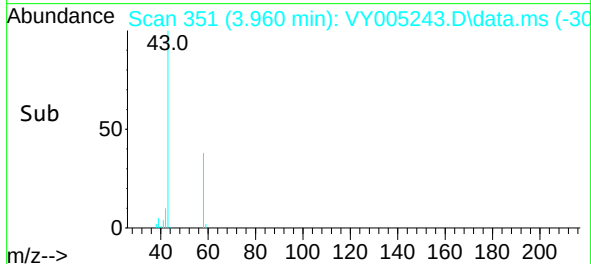
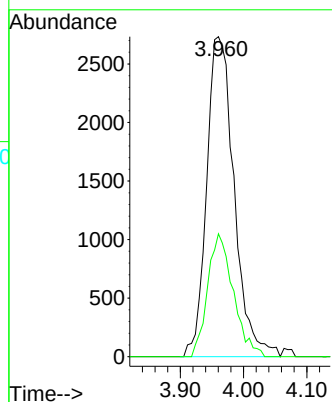
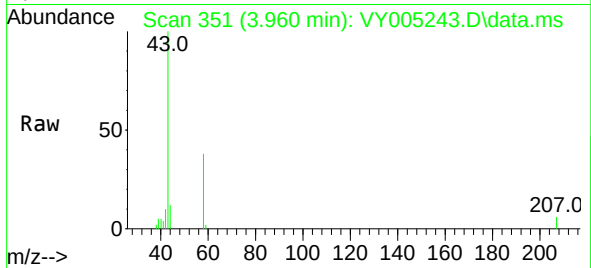




#16
Acetone
Concen: 19.286 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

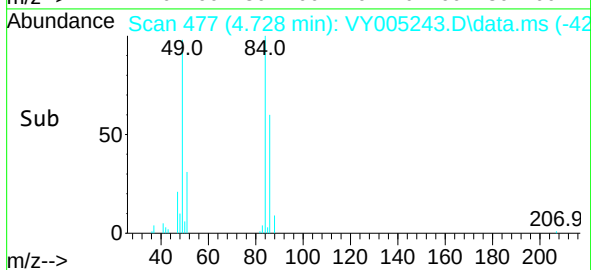
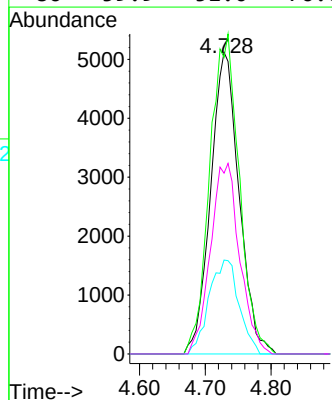
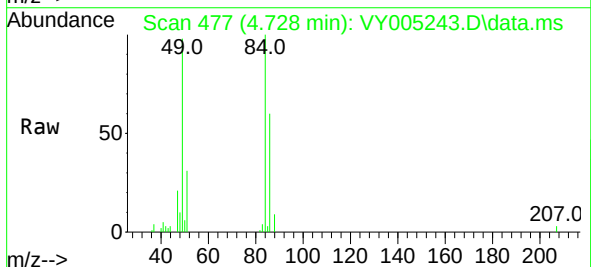
Instrument :
MSVOA_Y
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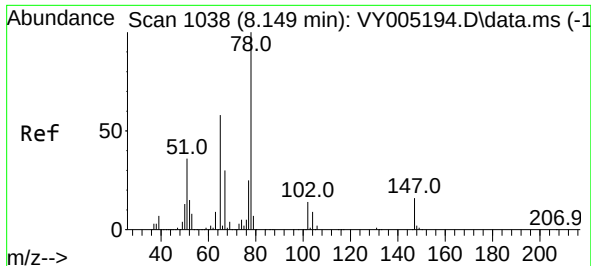
Tgt Ion: 43 Resp: 8241
Ion Ratio Lower Upper
43 100
58 38.4 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 84 Resp: 15433
Ion Ratio Lower Upper
84 100
49 98.3 86.9 130.3
51 31.1 27.4 41.2
86 59.9 51.0 76.6

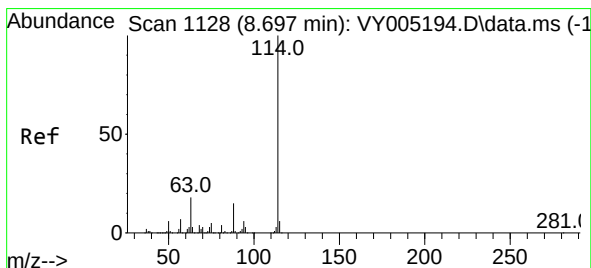
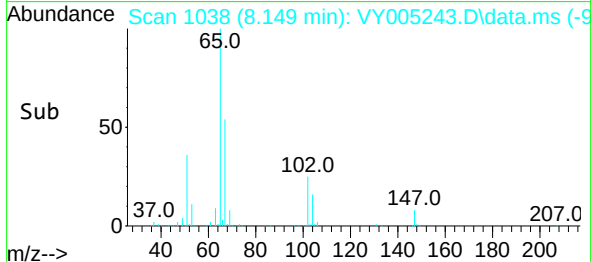
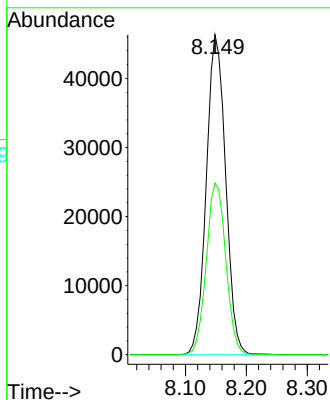
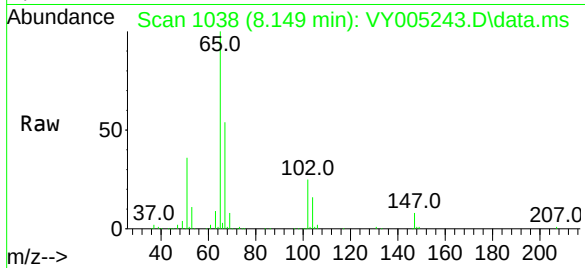




#33
 1,2-Dichloroethane-d4
 Concen: 55.142 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005243.D
 Acq: 28 Jun 2021 12:54

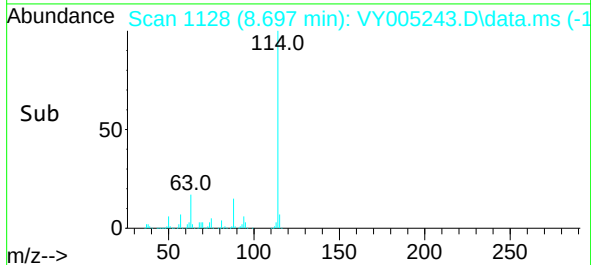
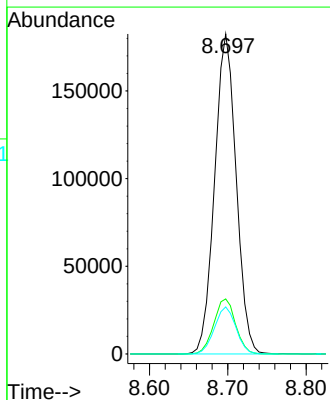
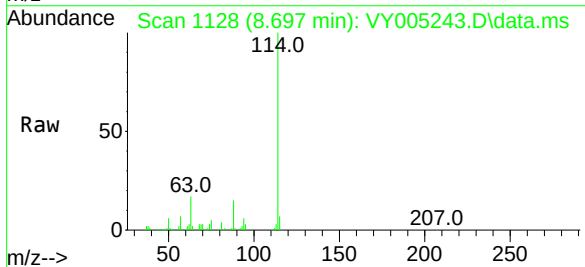
Instrument :
 MSVOA_Y
 ClientSampleId :
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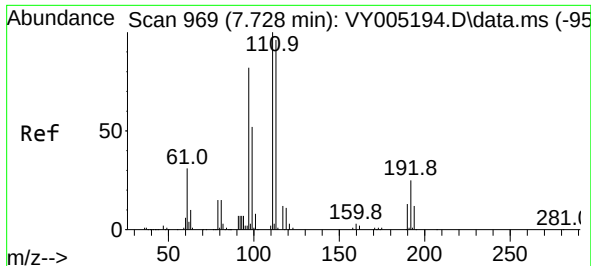
Tgt Ion: 65 Resp: 101998
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005243.D
 Acq: 28 Jun 2021 12:54

Tgt Ion: 114 Resp: 349023
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.2
 88 14.7 0.0 29.4

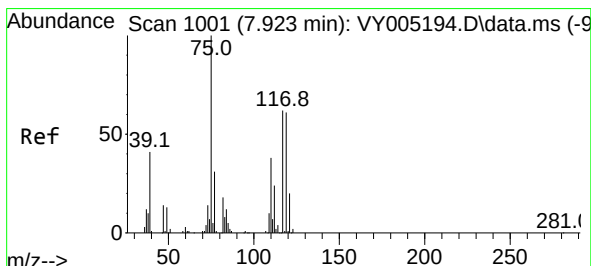
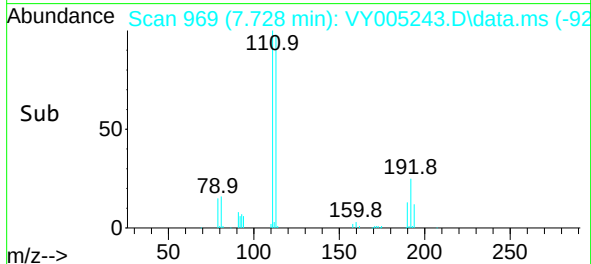
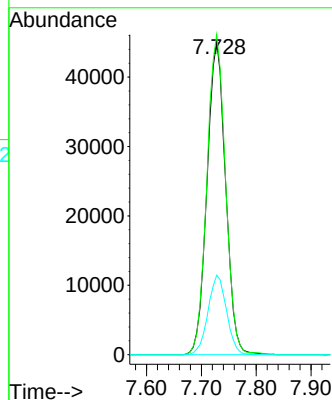
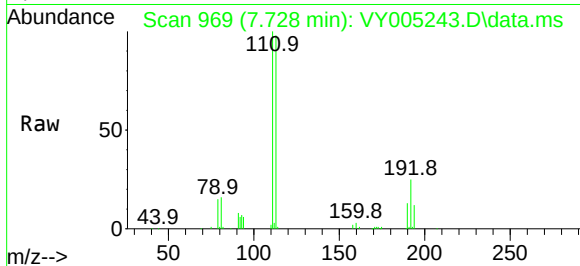




#35
Dibromofluoromethane
Concen: 51.343 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

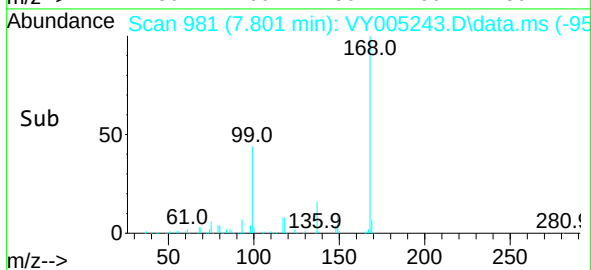
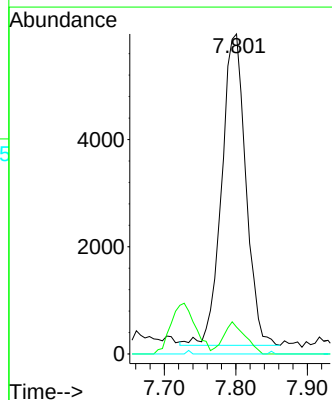
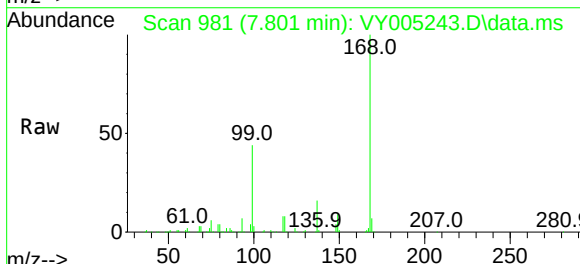
Instrument :
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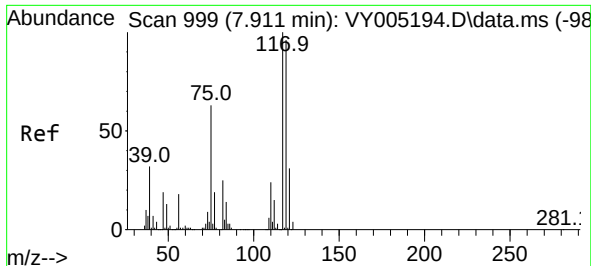
Tgt Ion:113 Resp: 105684
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 25.3 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 75 Resp: 13613
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.5#
77 0.0 25.2 37.8#

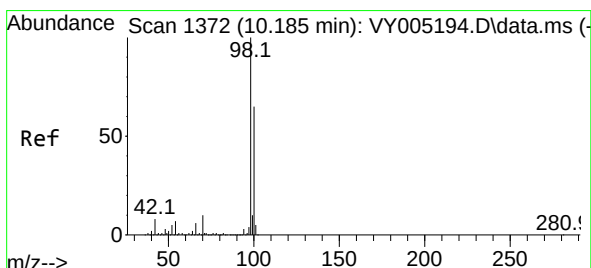
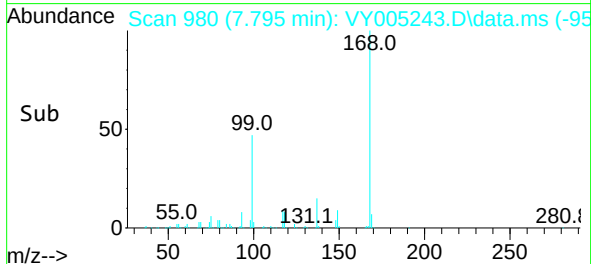
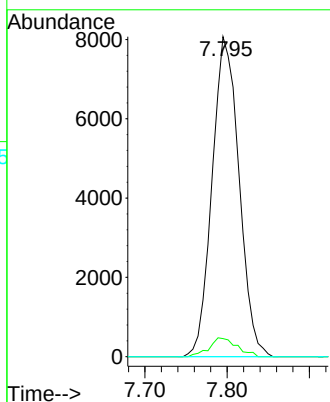
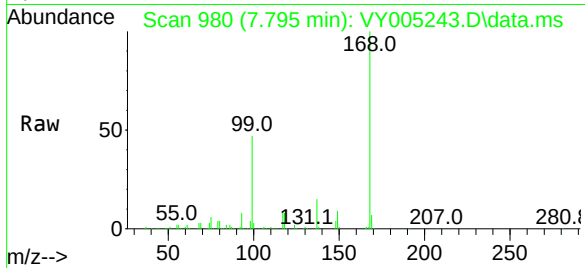




#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

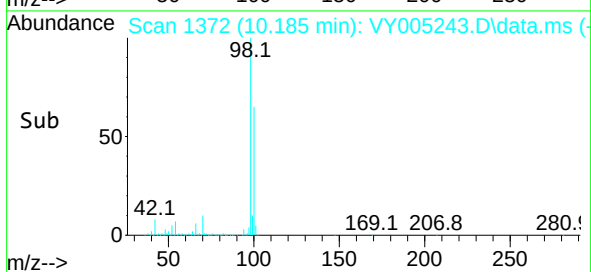
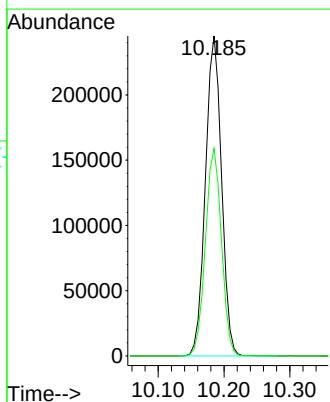
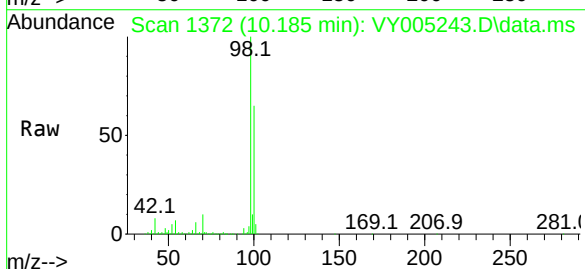
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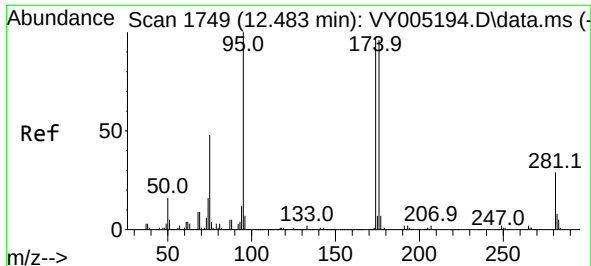
Tgt Ion:117 Resp: 18380
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion: 98 Resp: 417830
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

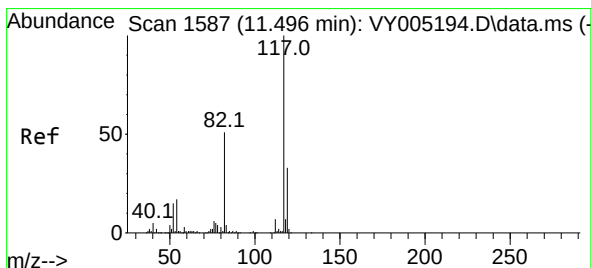
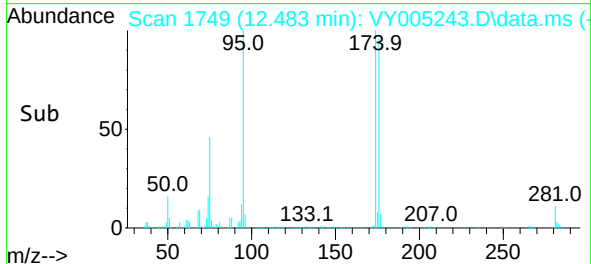
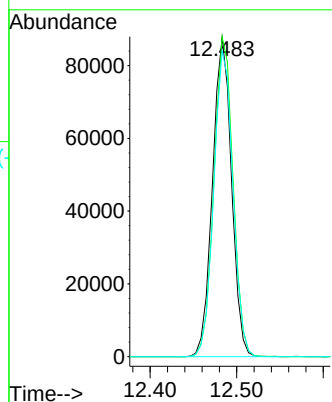
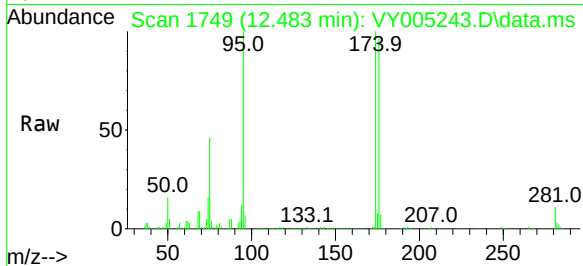




#62
4-Bromofluorobenzene
Concen: 48.633 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

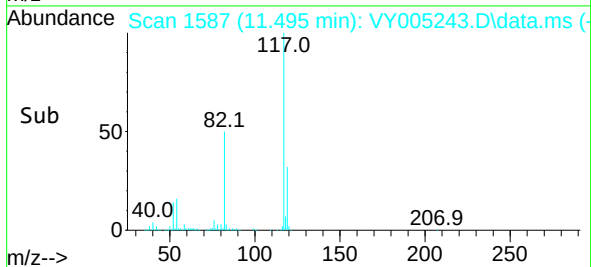
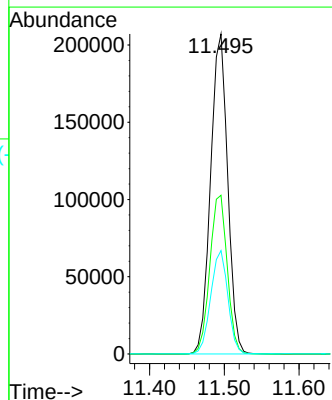
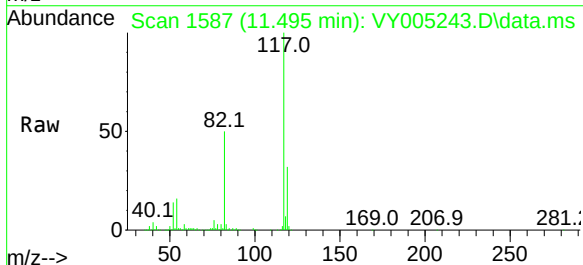
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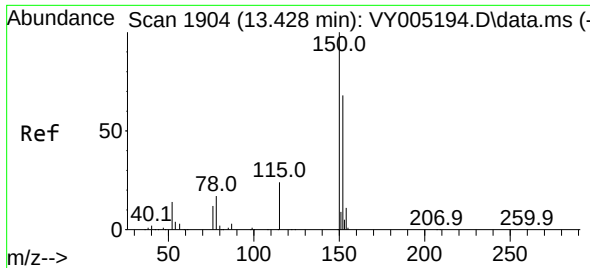
Tgt Ion:	95	Resp:	133401
Ion	Ratio	Lower	Upper
95	100		
174	100.9	0.0	201.6
176	97.1	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005243.D
Acq: 28 Jun 2021 12:54

Tgt Ion:	117	Resp:	328606
Ion	Ratio	Lower	Upper
117	100		
82	49.6	40.6	60.8
119	32.2	26.1	39.1

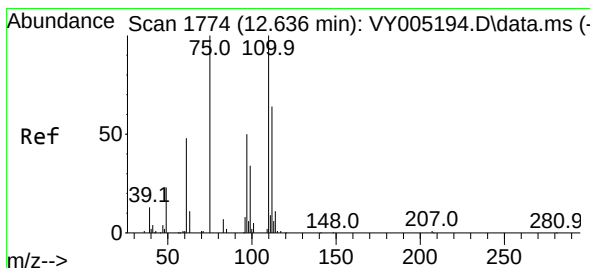
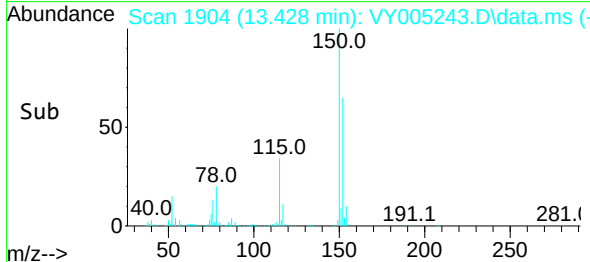
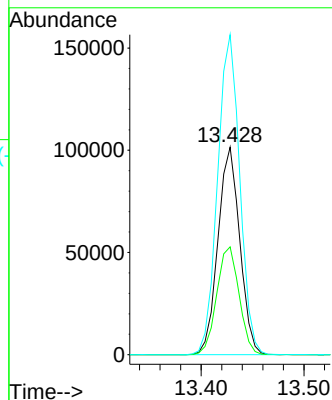
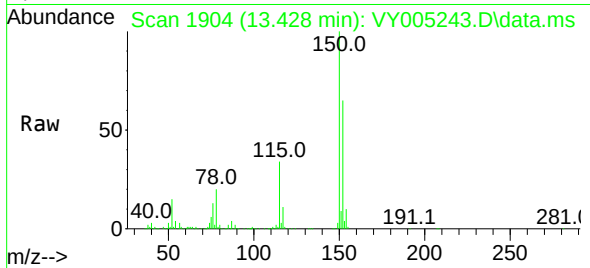




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005243.D
 Acq: 28 Jun 2021 12:54

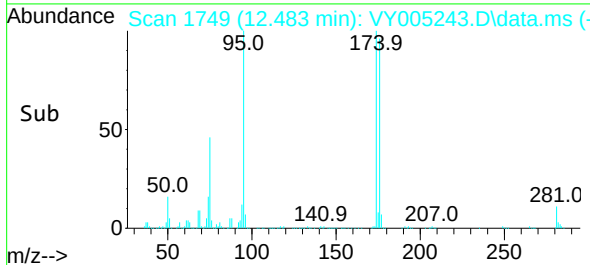
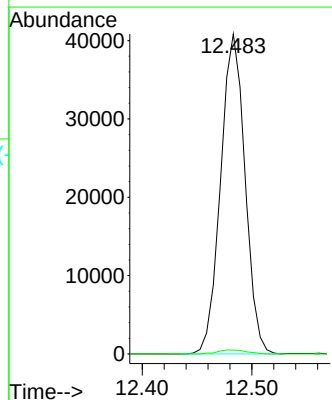
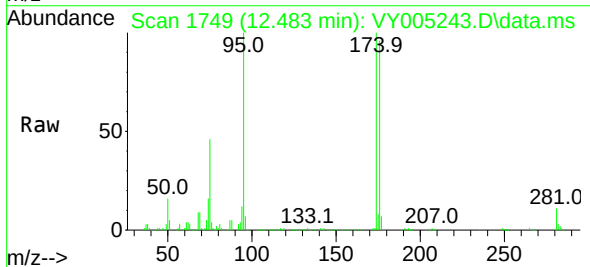
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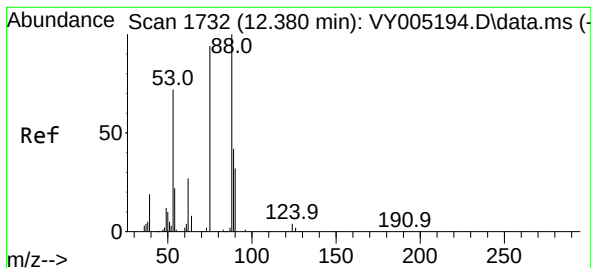
Tgt Ion:152 Resp: 149514
 Ion Ratio Lower Upper
 152 100
 115 53.2 26.3 78.8
 150 156.5 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 47.632 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005243.D
 Acq: 28 Jun 2021 12:54

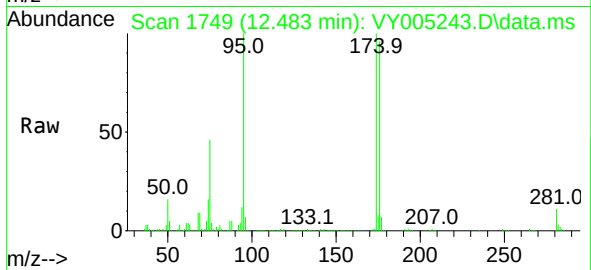
Tgt Ion: 75 Resp: 63161
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.870 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005243.D
 Acq: 28 Jun 2021 12:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 124055



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	38.0	57.0#

