

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005246.D
 Acq On : 28 Jun 2021 14:04
 Operator : SY/MD
 Sample : M2866-07
 Misc : 4.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: Jun 29 01:16:59 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)

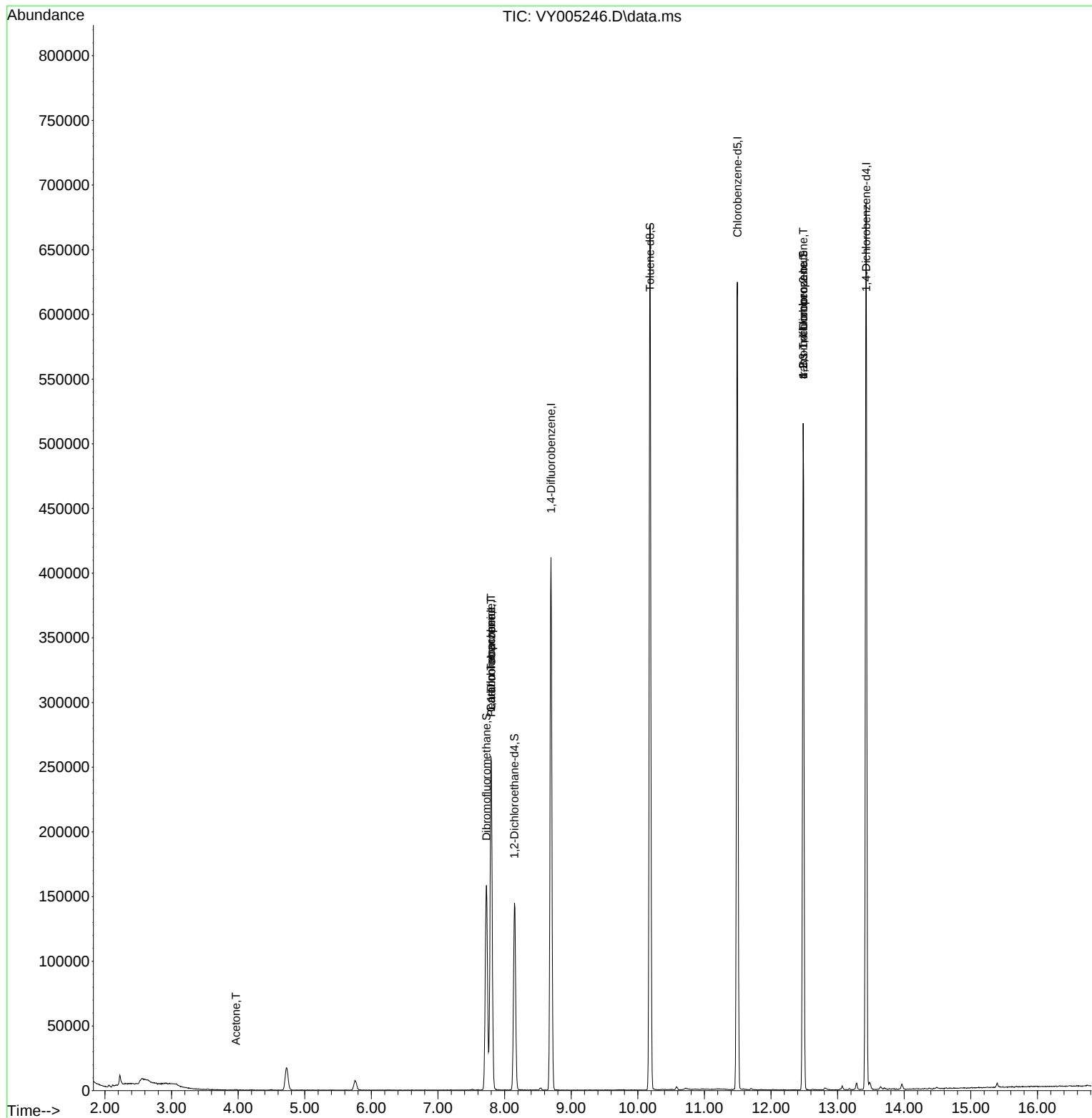
Internal Standards						
1) Pentafluorobenzene	7.801	168	226814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	370253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114646	60.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.820%	
35) Dibromofluoromethane	7.728	113	113749	52.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.920%	
50) Toluene-d8	10.185	98	451430	52.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.120%	
62) 4-Bromofluorobenzene	12.483	95	156675	54.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.440%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	65	Below Cal	#	77
16) Acetone	3.966	43	561	1.290	ug/l #	88
20) Methylene Chloride	4.728	84	14405	Below Cal		98
36) 1,1-Dichloropropene	7.795	75	13502	4.171	ug/l #	48
38) Carbon Tetrachloride	7.795	117	18490	5.456	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	74755	44.830	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74755	83.642	ug/l #	17

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

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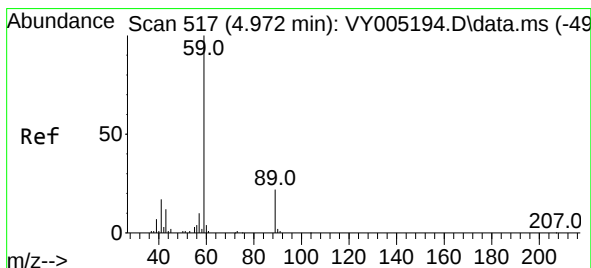
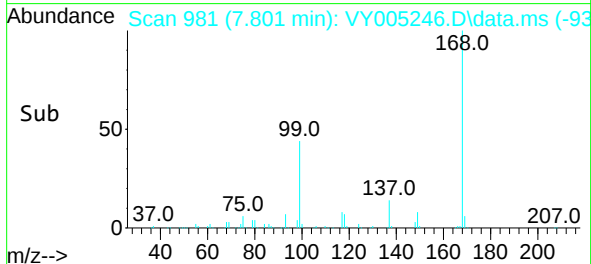
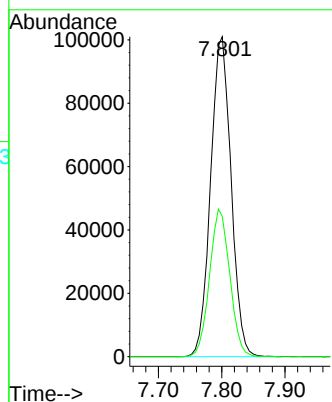
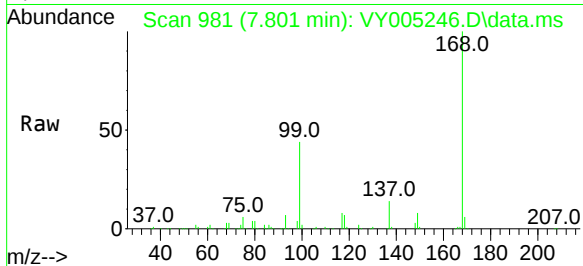




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

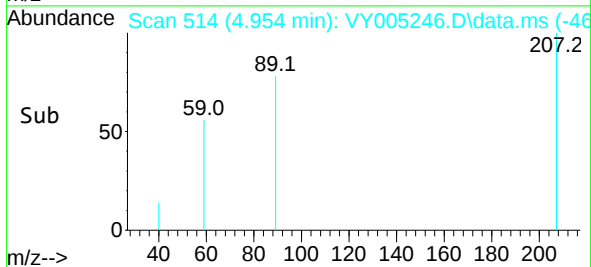
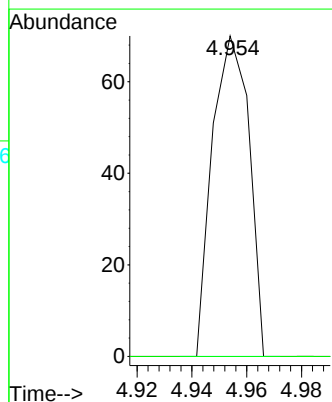
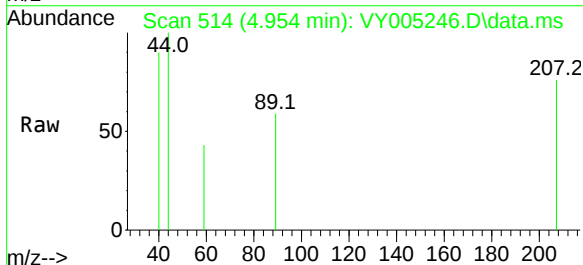
Instrument :
MSVOA_Y
ClientSampleId :
124042

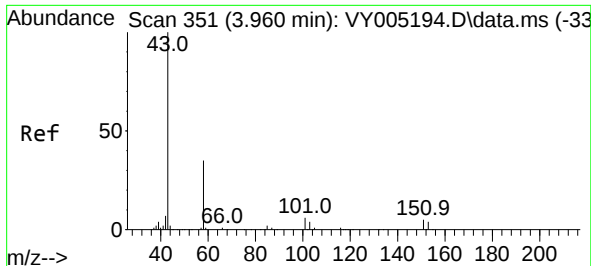
Tgt Ion:168 Resp: 226814
Ion Ratio Lower Upper
168 100
99 43.9 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

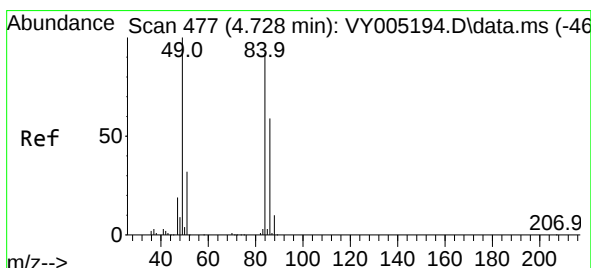
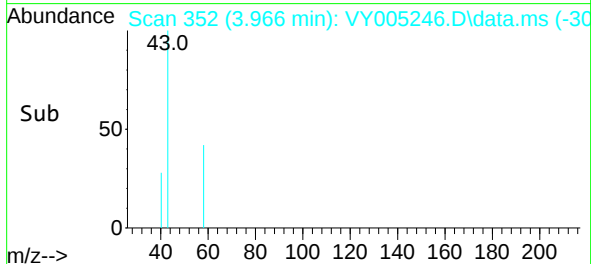
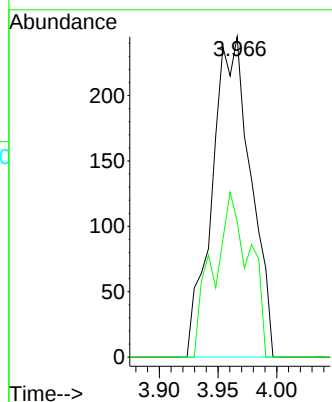
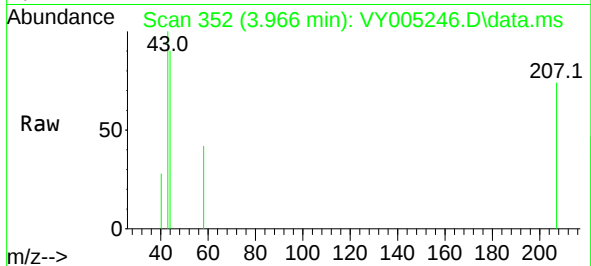




#16
Acetone
Concen: 1.290 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

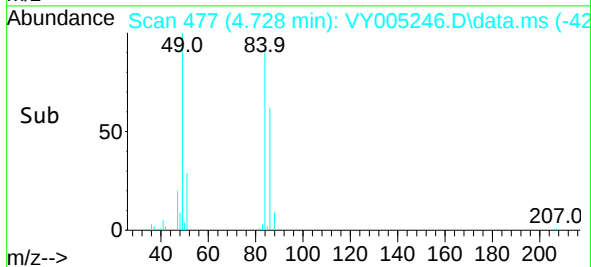
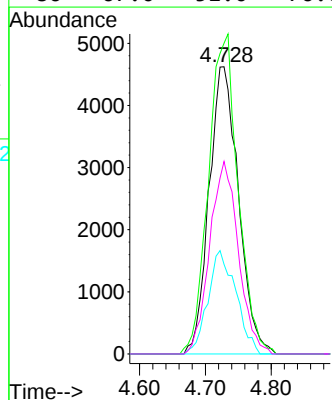
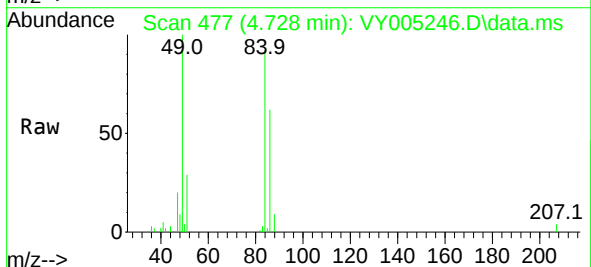
Instrument :
MSVOA_Y
ClientSampled :
124042

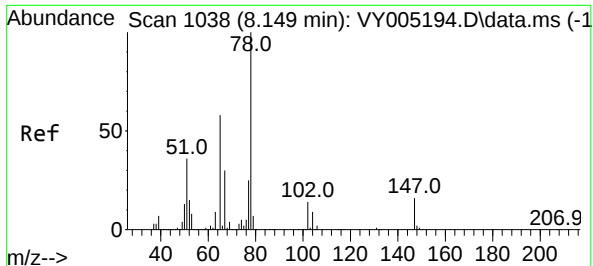
Tgt Ion: 43 Resp: 561
Ion Ratio Lower Upper
43 100
58 42.4 28.2 42.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 84 Resp: 14405
Ion Ratio Lower Upper
84 100
49 108.2 86.9 130.3
51 31.2 27.4 41.2
86 67.0 51.0 76.6

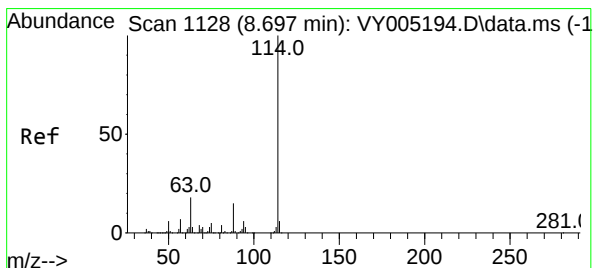
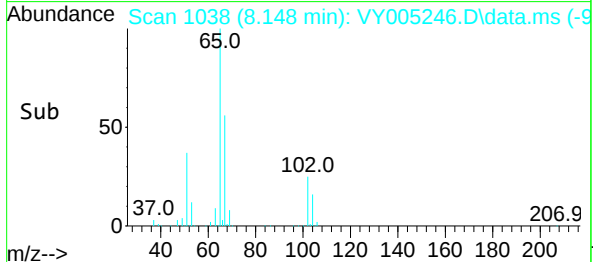
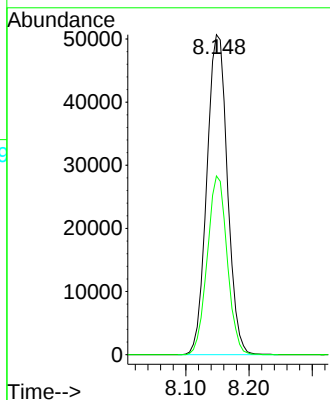
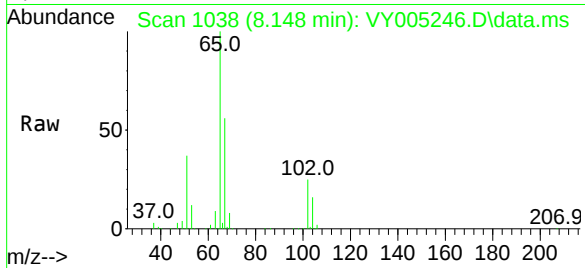




#33
 1,2-Dichloroethane-d4
 Concen: 60.910 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005246.D
 Acq: 28 Jun 2021 14:04

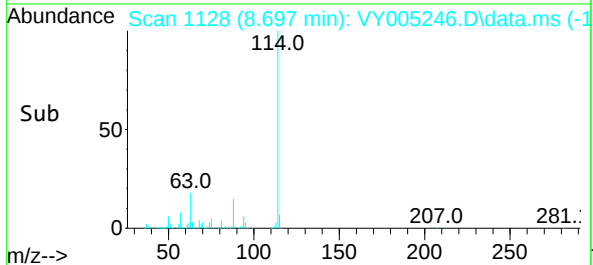
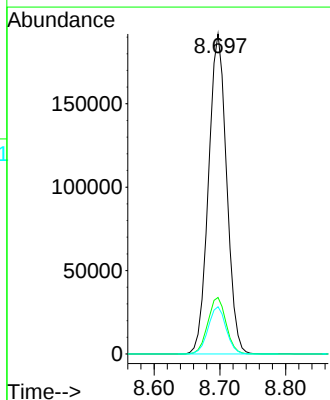
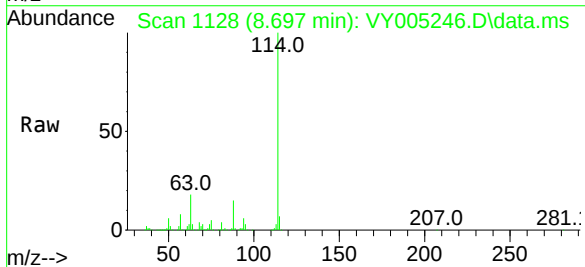
Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

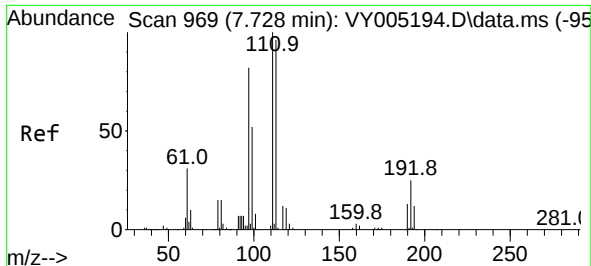
Tgt Ion: 65 Resp: 114646
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005246.D
 Acq: 28 Jun 2021 14:04

Tgt Ion: 114 Resp: 367643
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.8 0.0 29.4

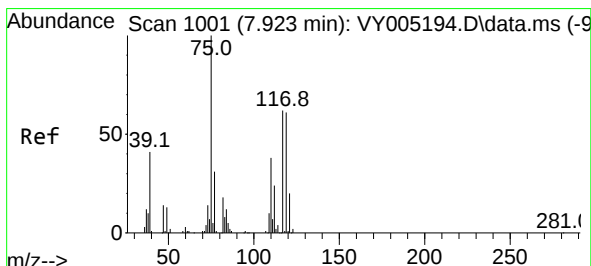
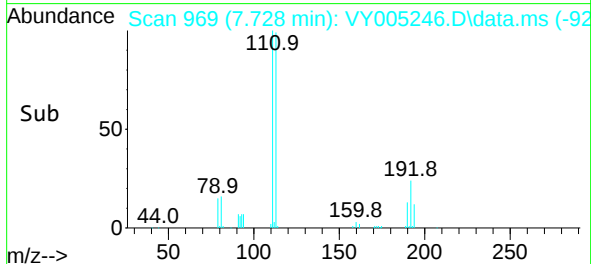
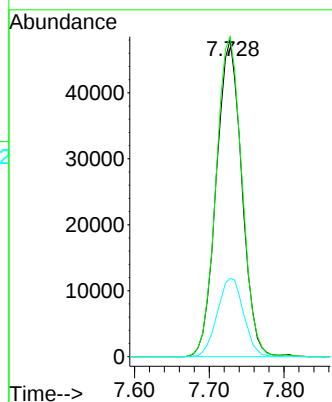
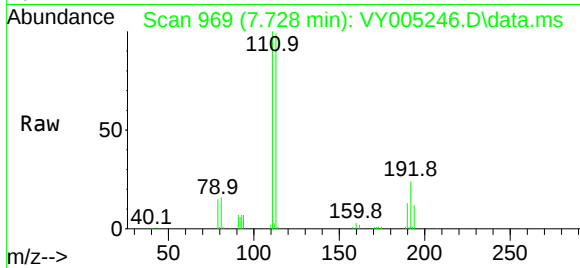




#35
Dibromofluoromethane
Concen: 52.463 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

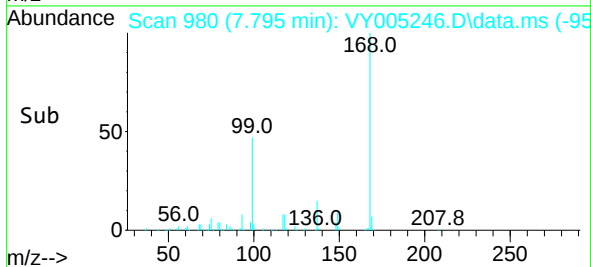
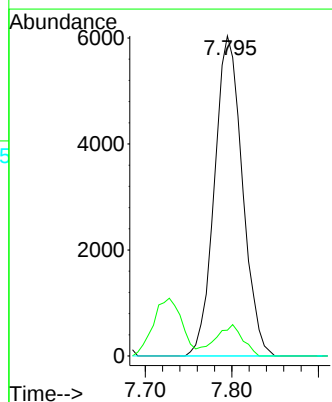
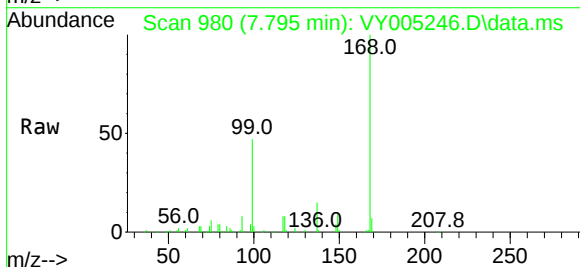
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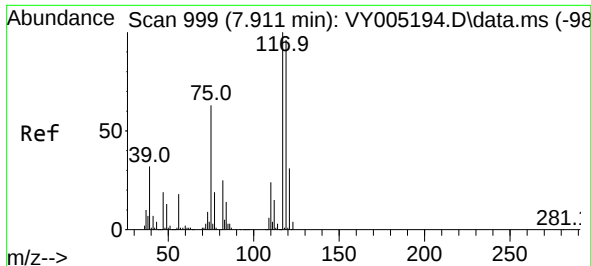
Tgt Ion:113 Resp: 113749
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 25.5 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.171 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 75 Resp: 13502
Ion Ratio Lower Upper
75 100
110 9.2 19.1 57.5#
77 0.0 25.2 37.8#

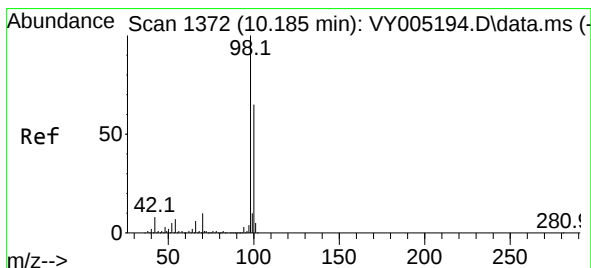
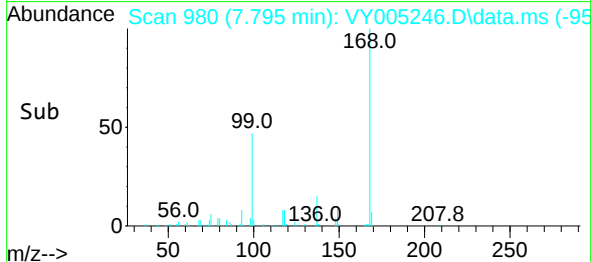
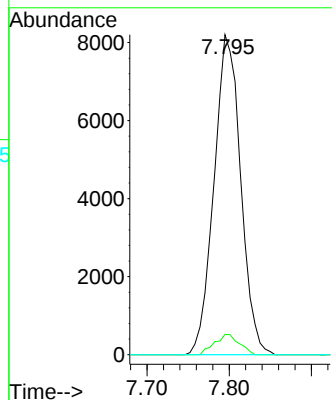
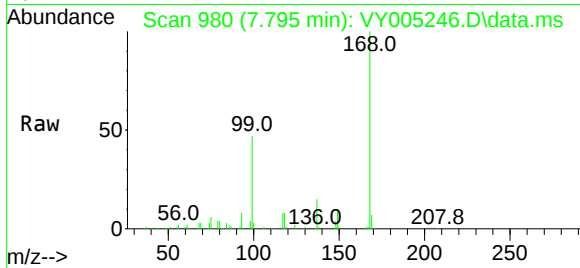




#38
Carbon Tetrachloride
Concen: 5.456 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

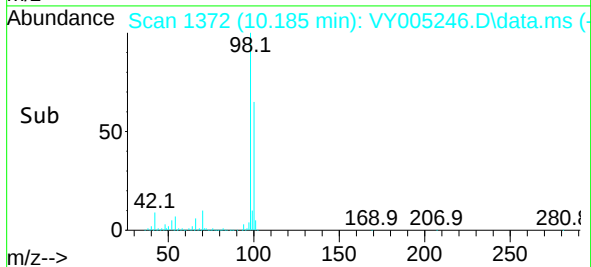
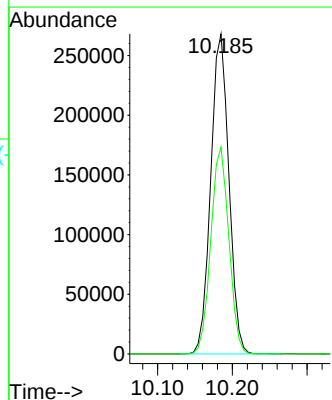
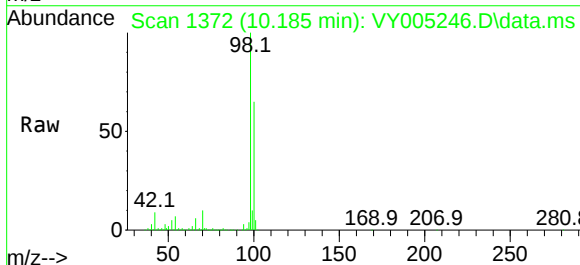
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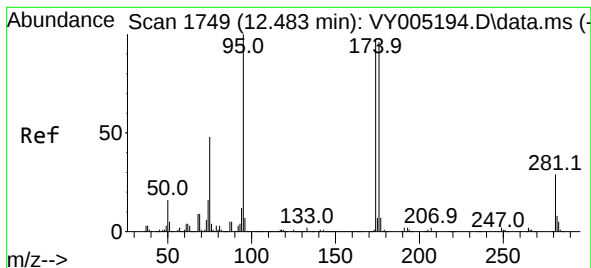
Tgt Ion:117 Resp: 18490
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.063 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 98 Resp: 451430
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9

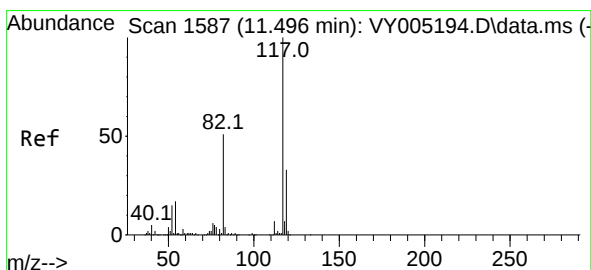
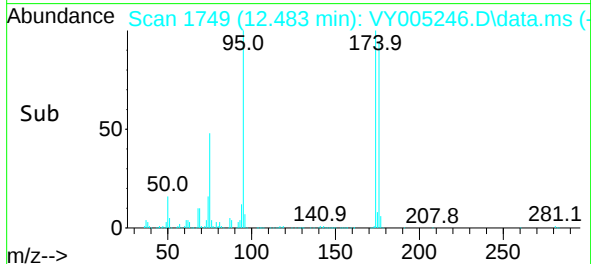
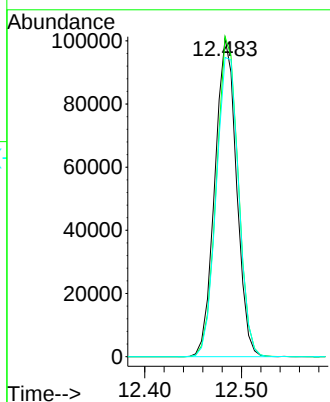
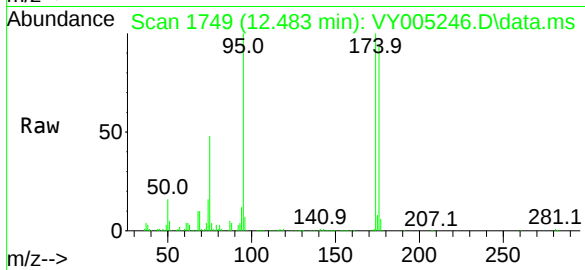




#62
4-Bromofluorobenzene
Concen: 54.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

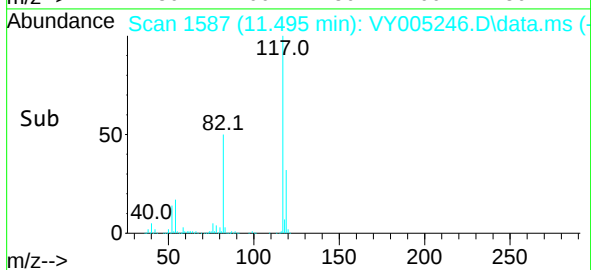
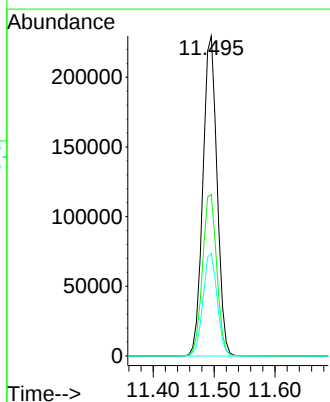
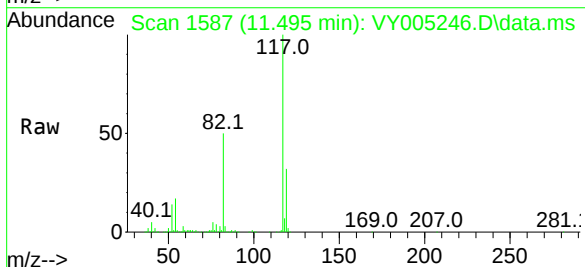
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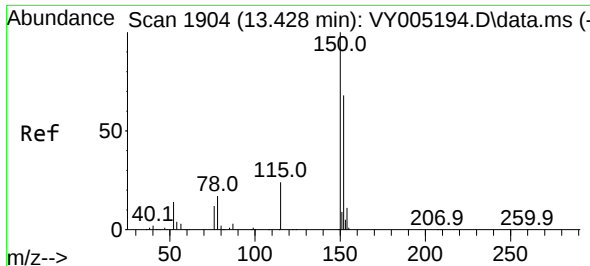
Tgt Ion: 95 Resp: 156675
Ion Ratio Lower Upper
95 100
174 100.7 0.0 201.6
176 97.4 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 117 Resp: 370253
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.0 26.1 39.1

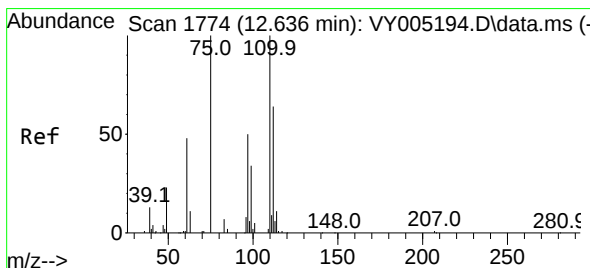
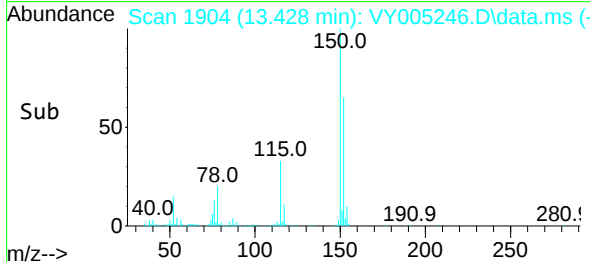
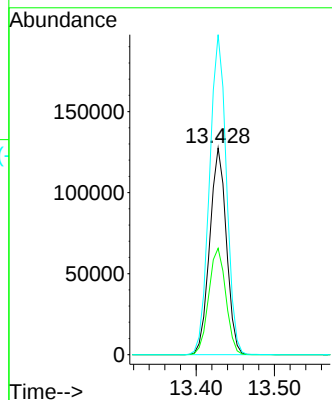
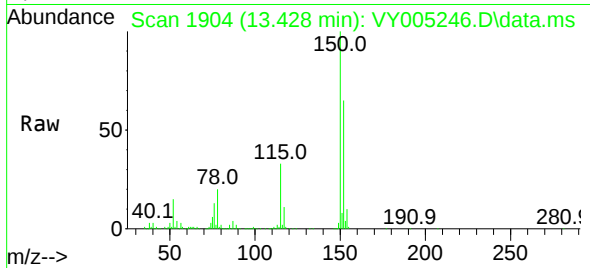




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005246.D
 Acq: 28 Jun 2021 14:04

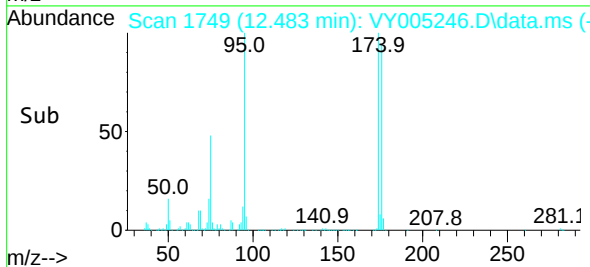
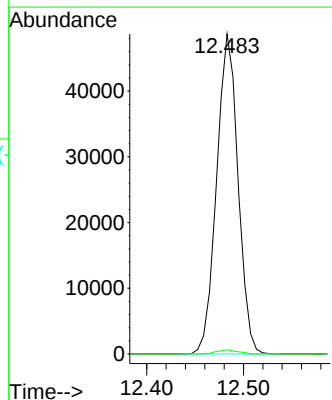
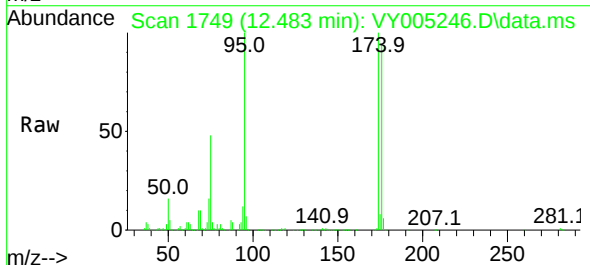
Instrument :
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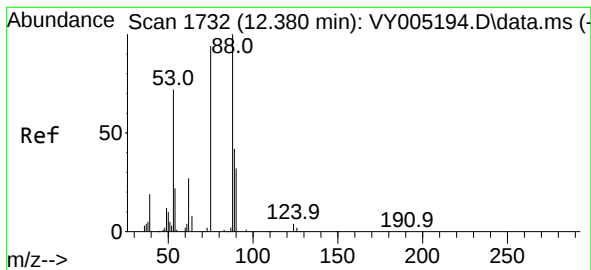
Tgt Ion:152 Resp: 188020
 Ion Ratio Lower Upper
 152 100
 115 52.8 26.3 78.8
 150 157.1 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 44.830 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005246.D
 Acq: 28 Jun 2021 14:04

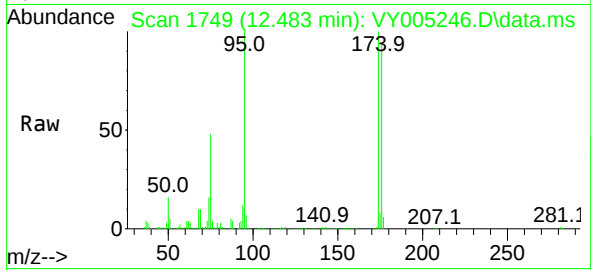
Tgt Ion: 75 Resp: 74755
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.642 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005246.D
 Acq: 28 Jun 2021 14:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042



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

