

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062521\
 Data File : VY005235.D
 Acq On : 25 Jun 2021 18:47
 Operator : SY/MD
 Sample : M2856-13
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Jun 26 05:14:15 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)

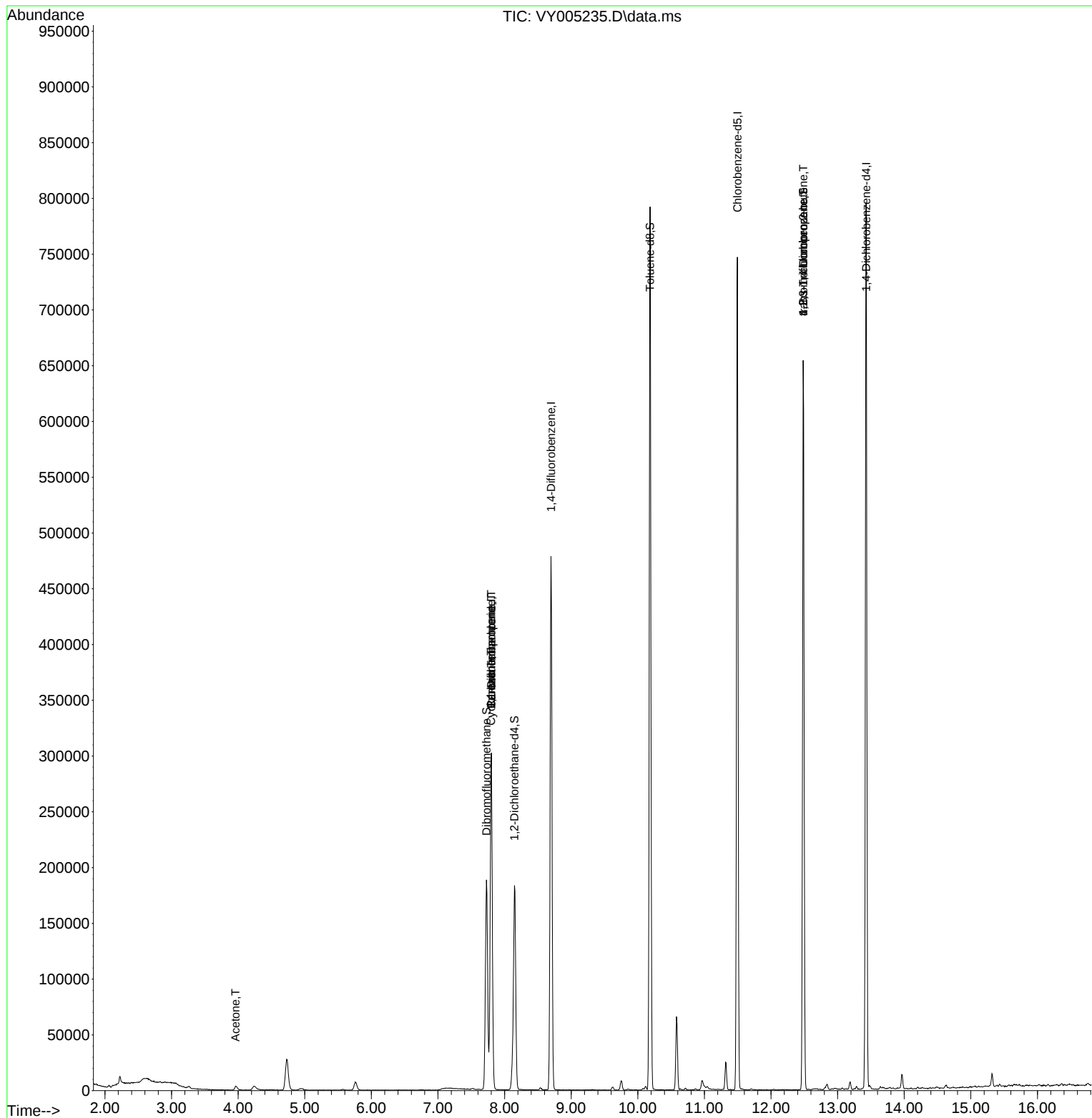
Internal Standards						
1) Pentafluorobenzene	7.801	168	254211	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	421665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	430128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	218463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137013	64.948	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.900%			
35) Dibromofluoromethane	7.728	113	133064	53.508	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.020%			
50) Toluene-d8	10.185	98	522389	52.528	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.483	95	187891	56.698	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.400%			
Target Compounds						
11) Tert butyl alcohol	4.948	59	2492	Below Cal	#	77
16) Acetone	3.960	43	6299	12.925	ug/l	95
20) Methylene Chloride	4.728	84	22344	Below Cal		95
31) Cyclohexane	7.795	56	4016	1.066	ug/l	# 1
36) 1,1-Dichloropropene	7.801	75	16782	4.520	ug/l	# 48
38) Carbon Tetrachloride	7.801	117	21392	5.504	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	91293	47.118	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	91293	87.912	ug/l	# 17

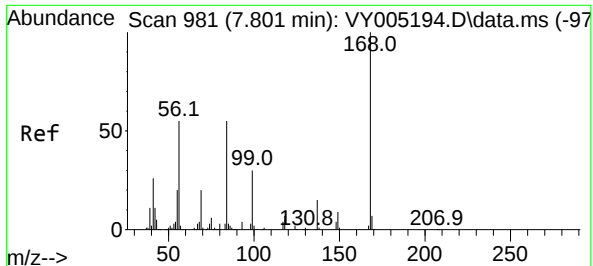
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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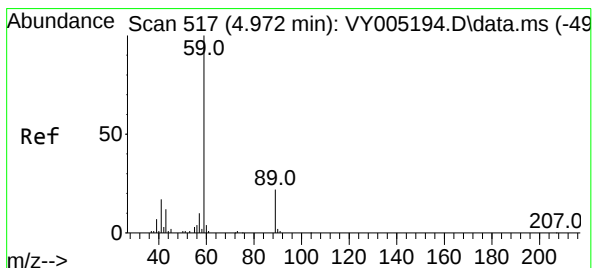
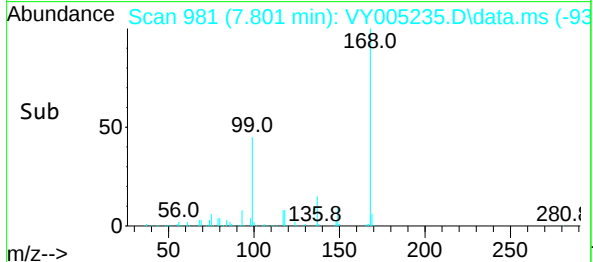
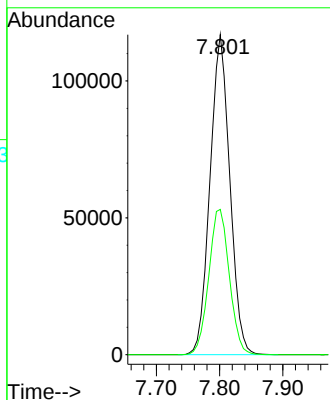
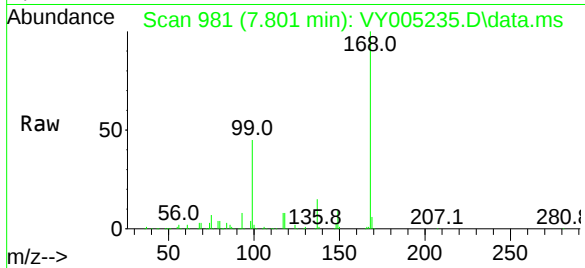




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

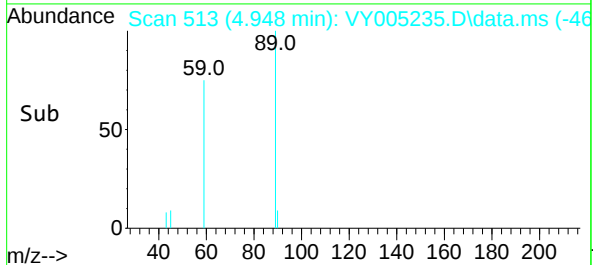
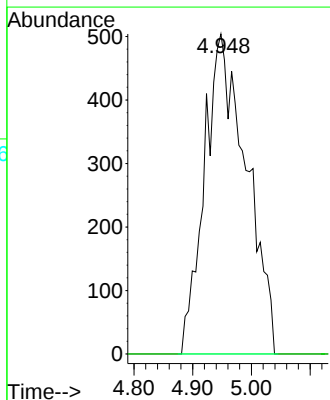
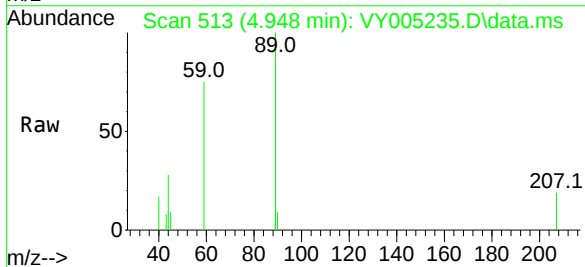
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-9.5-10.0

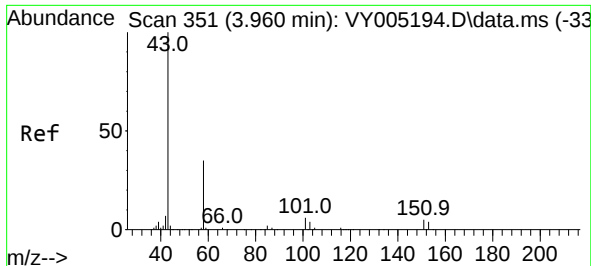
Tgt Ion:168 Resp: 254211
Ion Ratio Lower Upper
168 100
99 45.4 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 59 Resp: 2492
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#

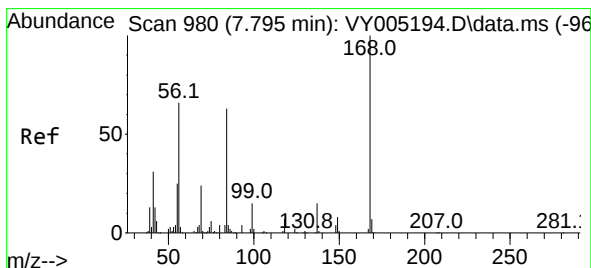
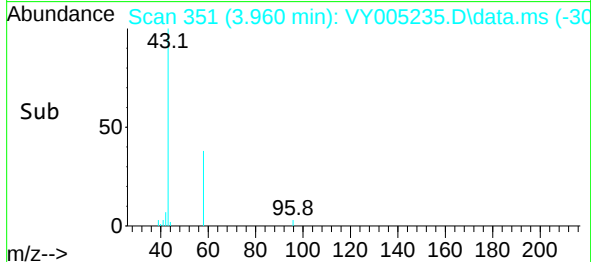
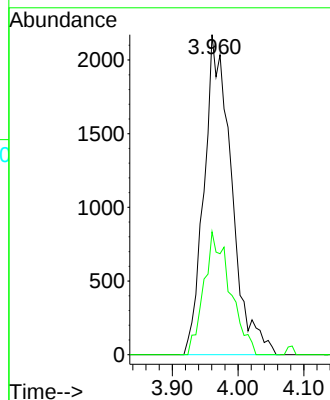
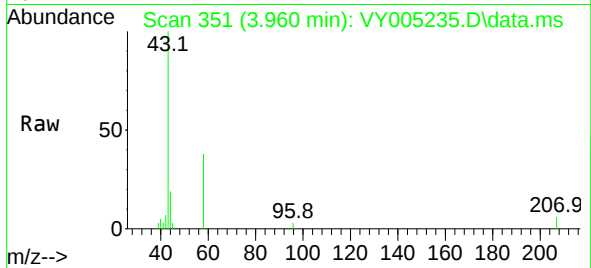




#16
Acetone
Concen: 12.925 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

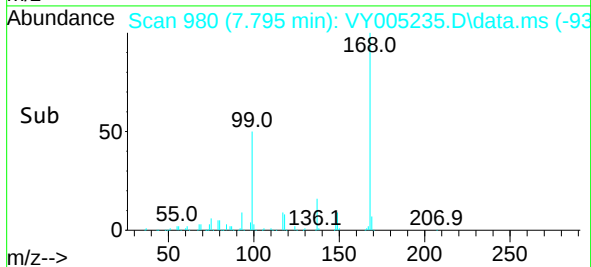
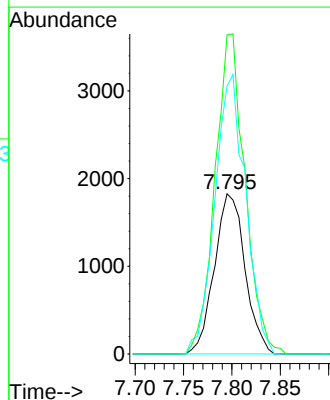
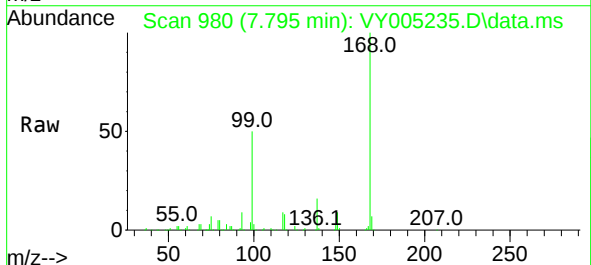
Instrument :
MSVOA_Y
ClientSampled :
SB-07-9.5-10.0

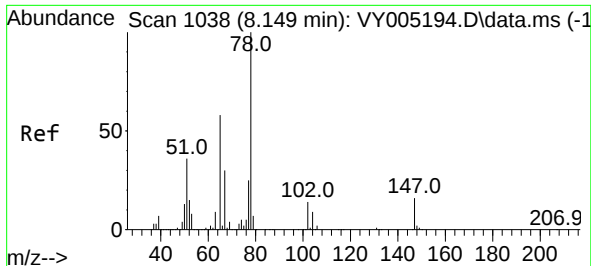
Tgt Ion: 43 Resp: 6299
Ion Ratio Lower Upper
43 100
58 38.4 28.2 42.2



#31
Cyclohexane
Concen: 1.066 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 56 Resp: 4016
Ion Ratio Lower Upper
56 100
69 199.2 29.6 44.4#
84 167.3 76.4 114.6#



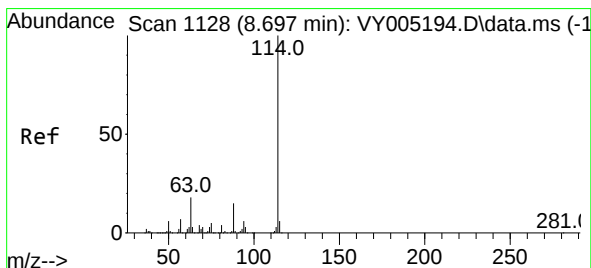
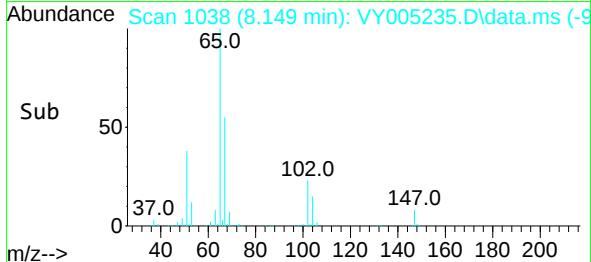
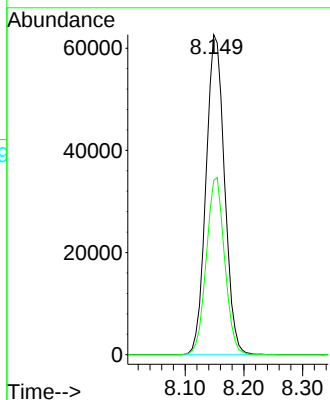
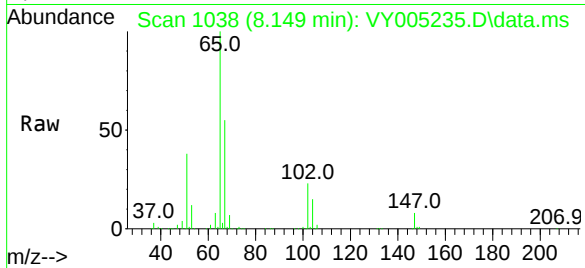


#33
 1,2-Dichloroethane-d4
 Concen: 64.948 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005235.D
 Acq: 25 Jun 2021 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-9.5-10.0

Tgt Ion: 65 Resp: 137013

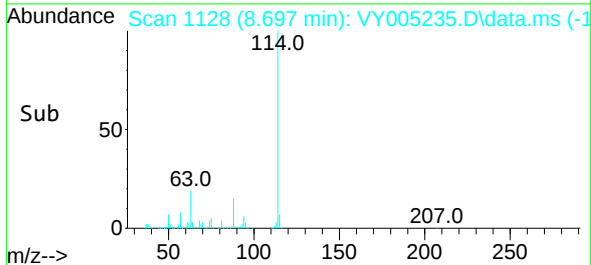
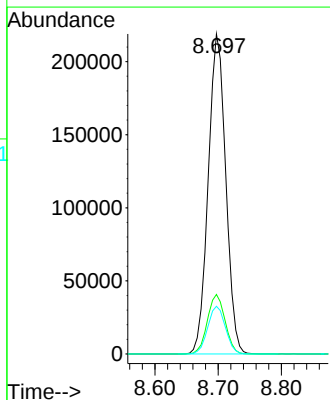
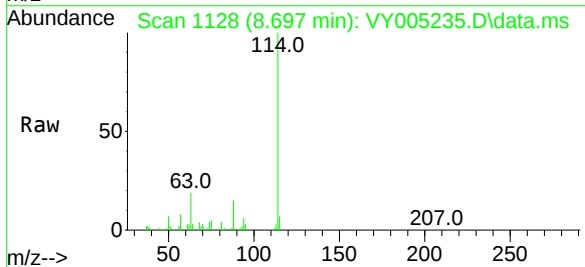
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	110.6

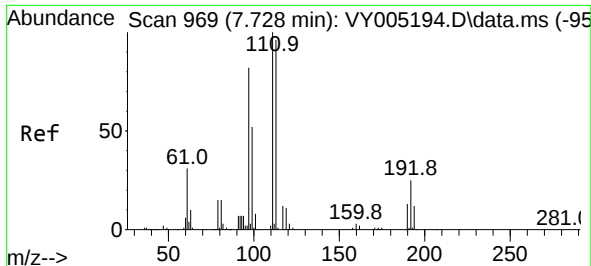


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005235.D
 Acq: 25 Jun 2021 18:47

Tgt Ion: 114 Resp: 421665

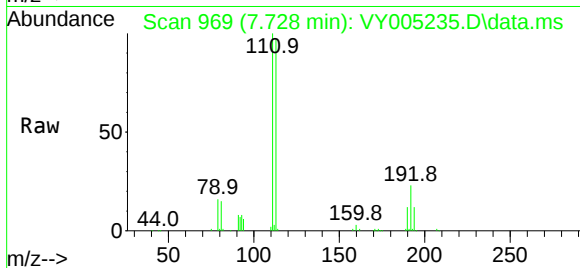
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	35.2
88	14.9	0.0	29.4



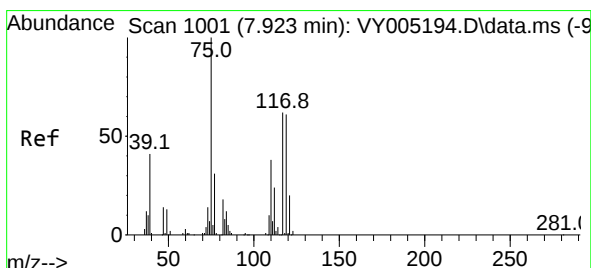
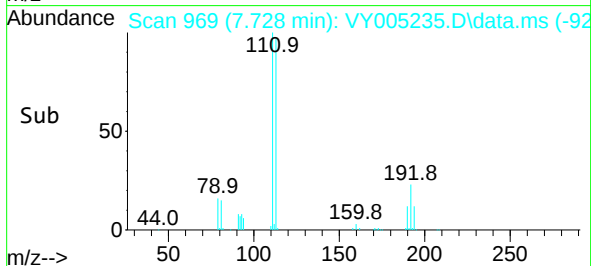
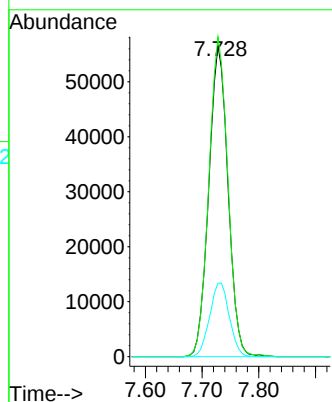


#35
Dibromofluoromethane
Concen: 53.508 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-9.5-10.0

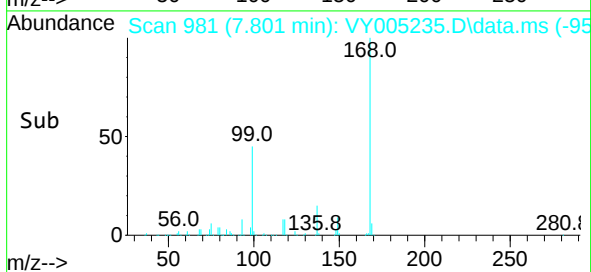
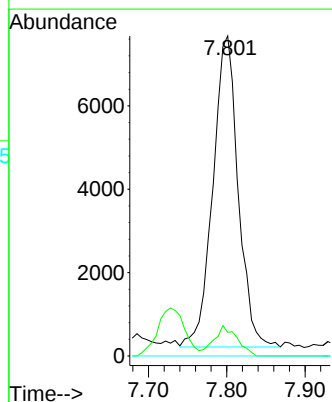
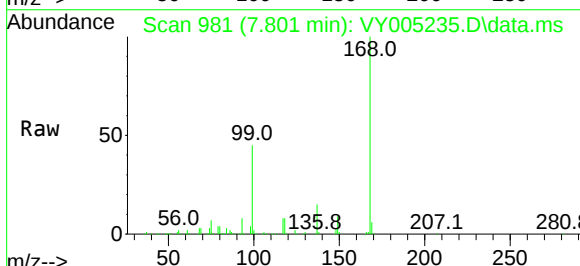


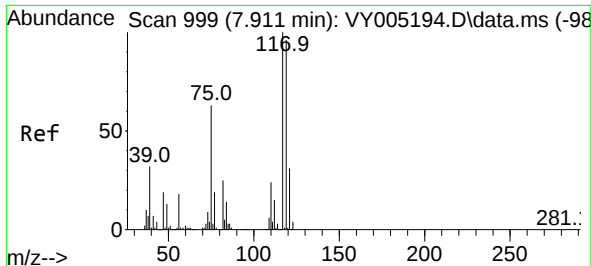
Tgt Ion:113 Resp: 133064
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 24.2 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.520 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 75 Resp: 16782
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.5#
77 0.0 25.2 37.8#

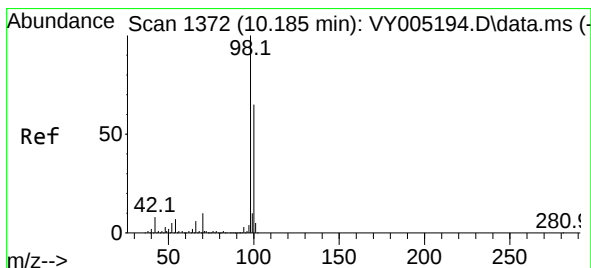
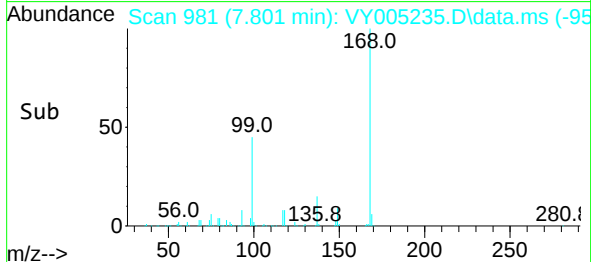
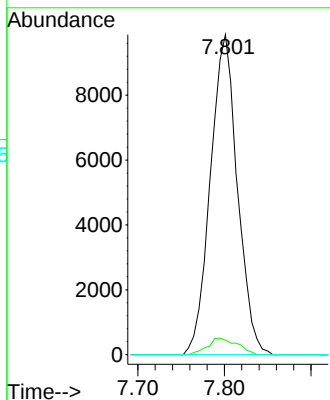
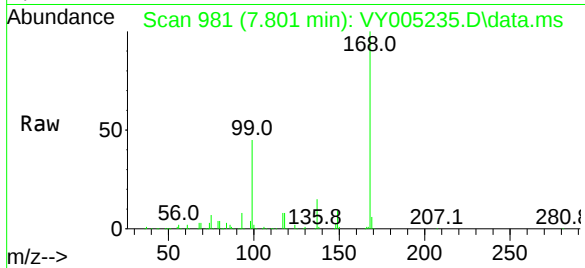




#38
Carbon Tetrachloride
Concen: 5.504 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

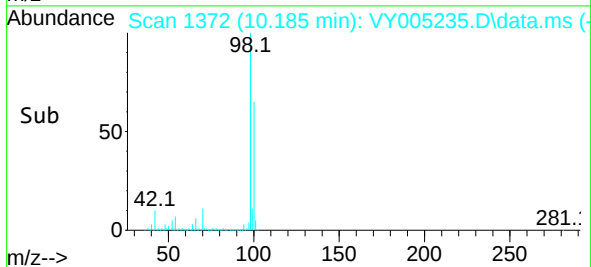
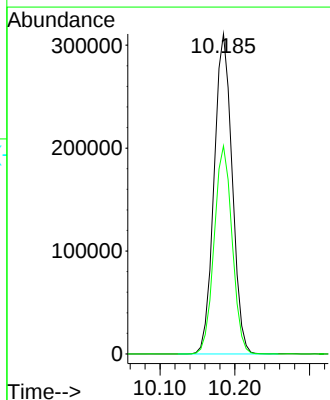
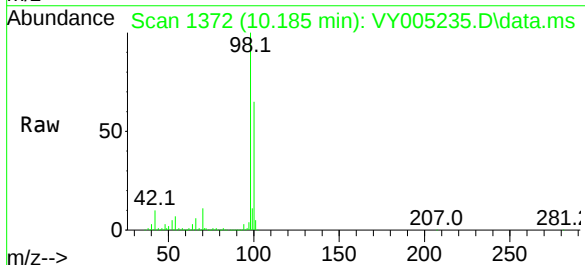
Instrument :
MSVOA_Y
ClientSampleId :
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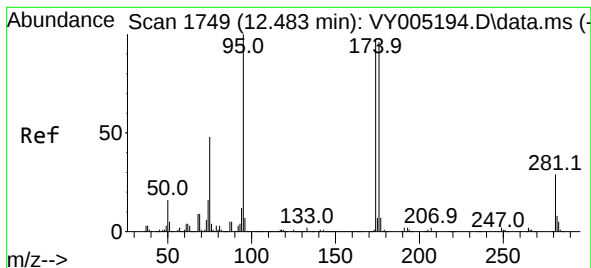
Tgt Ion:117 Resp: 21392
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.528 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 98 Resp: 522389
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

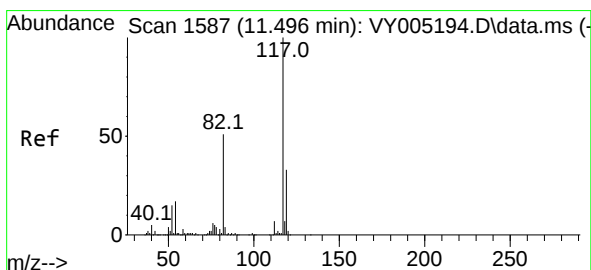
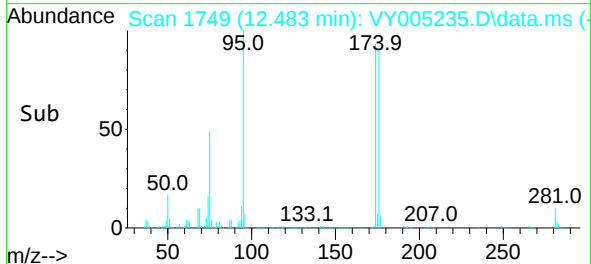
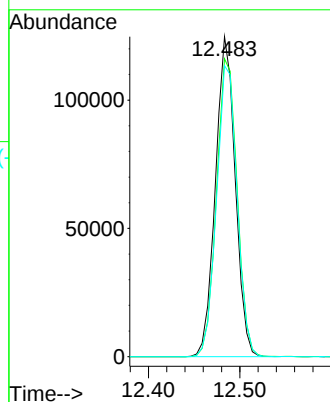
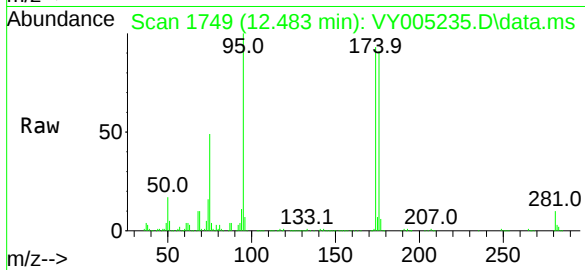




#62
4-Bromofluorobenzene
Concen: 56.698 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

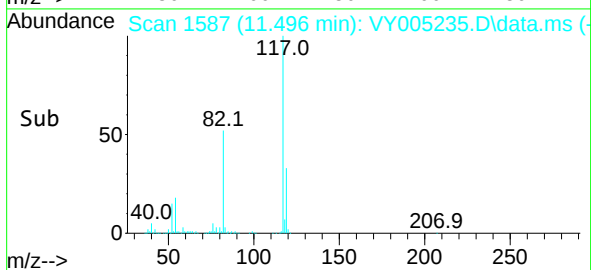
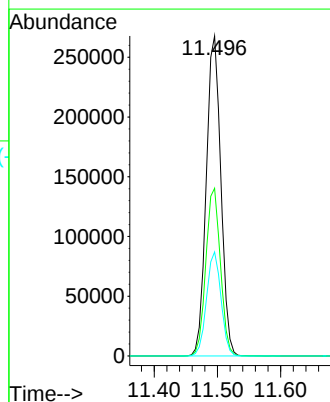
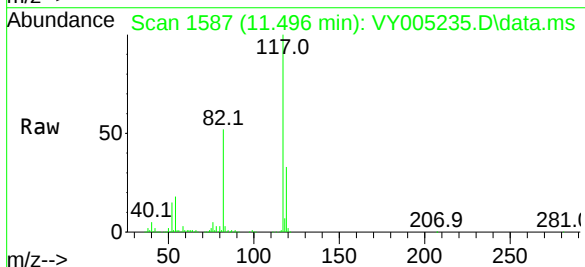
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-9.5-10.0

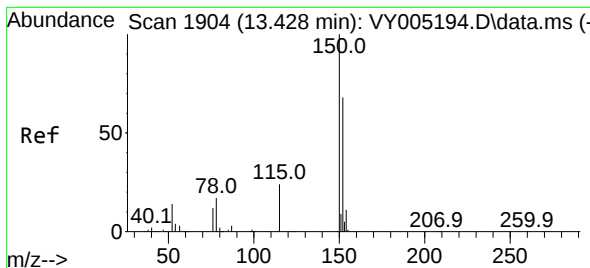
Tgt Ion: 95 Resp: 187891
Ion Ratio Lower Upper
95 100
174 96.9 0.0 201.6
176 94.2 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005235.D
Acq: 25 Jun 2021 18:47

Tgt Ion: 117 Resp: 430128
Ion Ratio Lower Upper
117 100
82 52.4 40.6 60.8
119 32.5 26.1 39.1

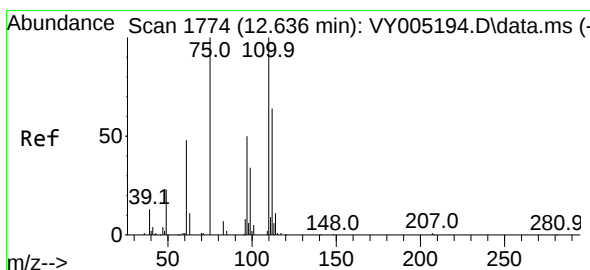
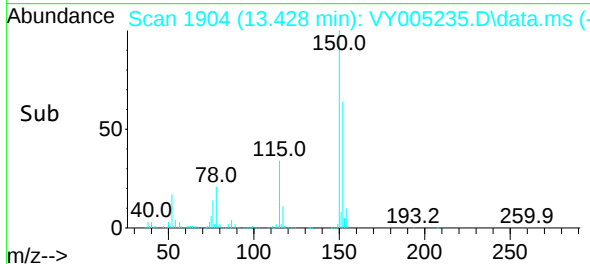
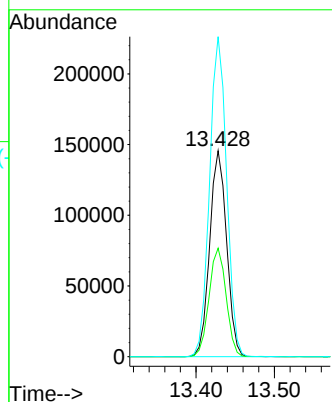
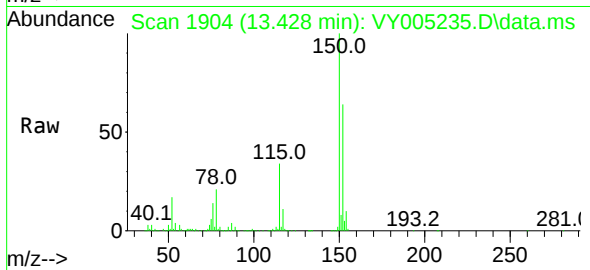




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005235.D
 Acq: 25 Jun 2021 18:47

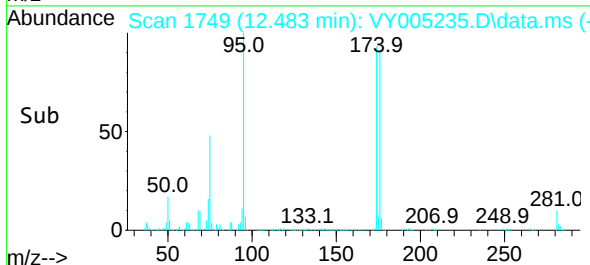
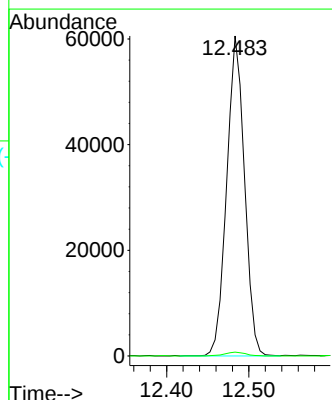
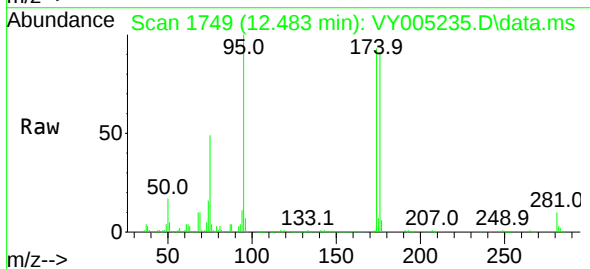
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-9.5-10.0

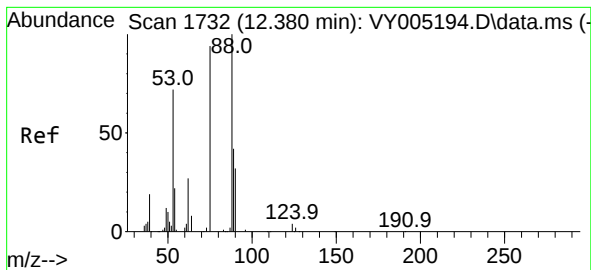
Tgt Ion:152 Resp: 218463
 Ion Ratio Lower Upper
 152 100
 115 53.1 26.3 78.8
 150 156.3 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 47.118 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005235.D
 Acq: 25 Jun 2021 18:47

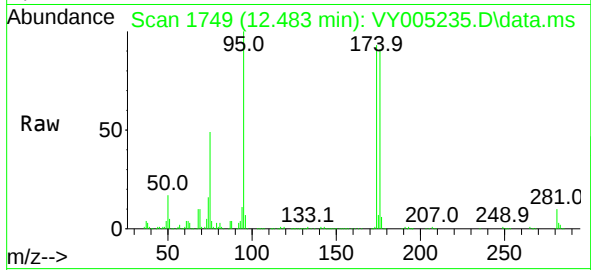
Tgt Ion: 75 Resp: 91293
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.912 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005235.D
 Acq: 25 Jun 2021 18:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-9.5-10.0



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	63.0	94.4#
89	0.2	38.0	57.0#

