

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005247.D
 Acq On : 28 Jun 2021 14:27
 Operator : SY/MD
 Sample : M2856-15
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

Quant Time: Jun 29 01:17:12 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)

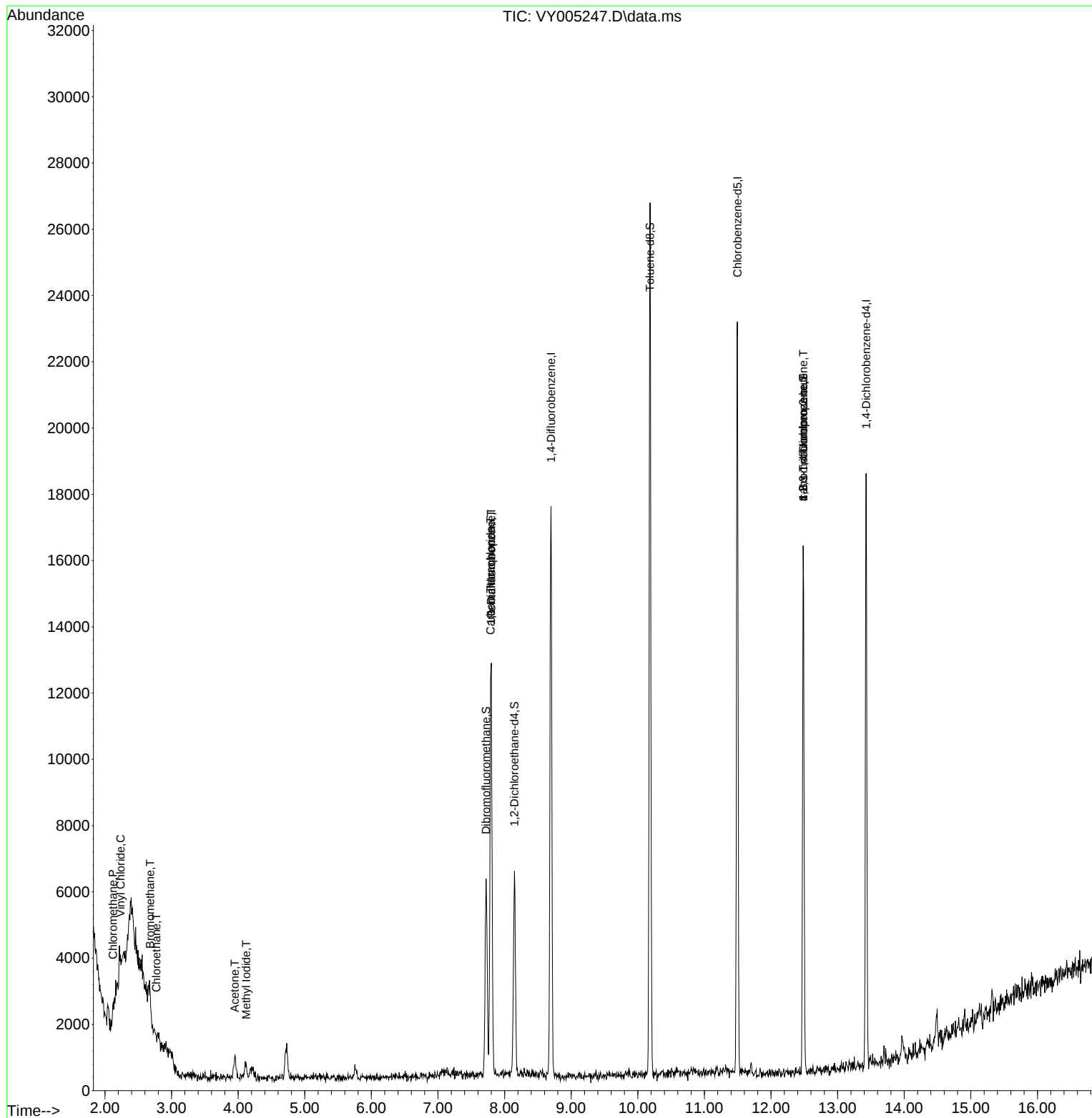
Internal Standards						
1) Pentafluorobenzene	7.801	168	11321	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	15986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	14001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4685	49.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.740%
35) Dibromofluoromethane	7.722	113	4196	44.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.020%
50) Toluene-d8	10.185	98	18436	48.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.483	95	4832	38.460	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.920%
Target Compounds						Qvalue
3) Chloromethane	2.119	50	370	3.732	ug/l #	71
4) Vinyl Chloride	2.235	62	158	1.394	ug/l #	42
5) Bromomethane	2.680	94	498	6.926	ug/l #	80
6) Chloroethane	2.771	64	95	1.282	ug/l #	42
10) Methyl Iodide	4.119	142	818	6.198	ug/l #	78
16) Acetone	3.948	43	1236	56.950	ug/l	94
20) Methylene Chloride	4.728	84	801	Below Cal		88
36) 1,1-Dichloropropene	7.795	75	784	5.569	ug/l #	40
38) Carbon Tetrachloride	7.789	117	975	6.617	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2284	50.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2284	94.177	ug/l #	17

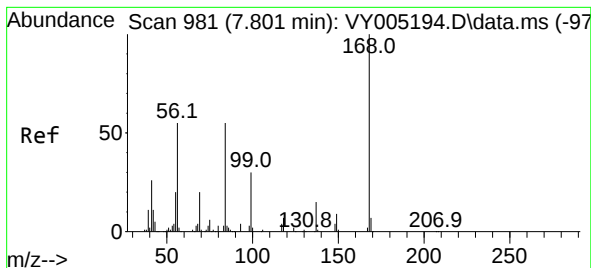
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 29 01:17:12 2021
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Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005247.D

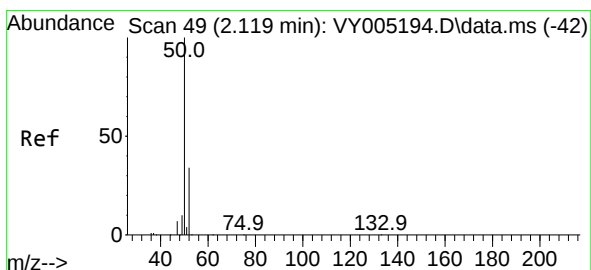
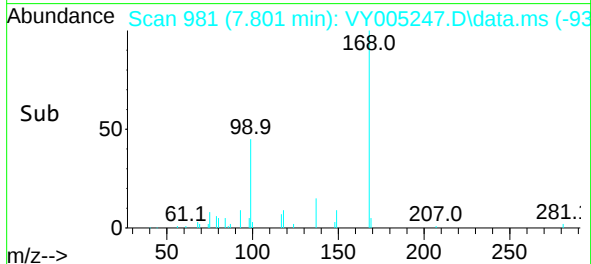
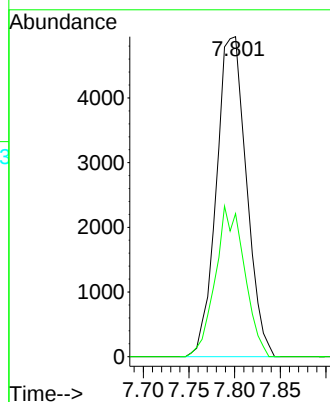
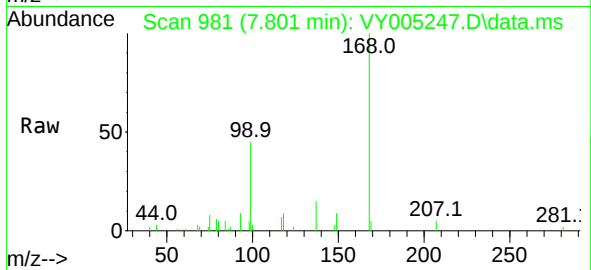
Acq: 28 Jun 2021 14:27

Tgt Ion:168 Resp: 11321

Ion Ratio Lower Upper

168 100

99 44.7 36.2 54.4



#3

Chloromethane

Concen: 3.732 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY005247.D

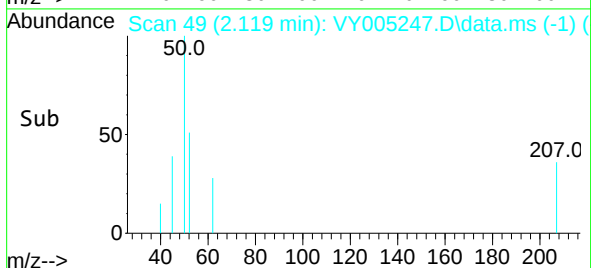
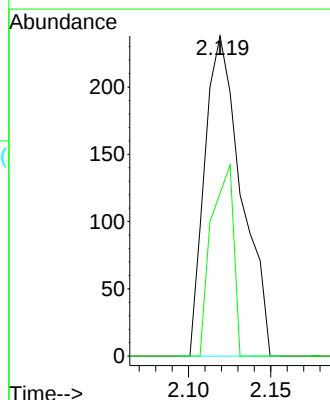
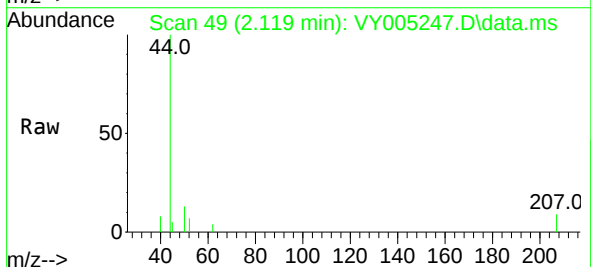
Acq: 28 Jun 2021 14:27

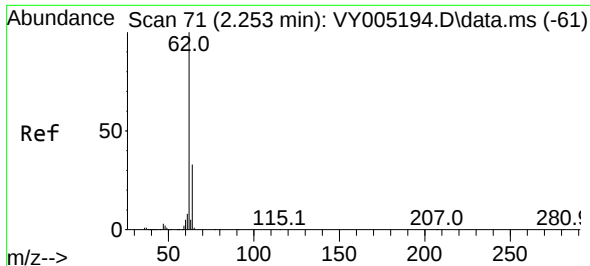
Tgt Ion: 50 Resp: 370

Ion Ratio Lower Upper

50 100

52 50.8 27.4 41.2#

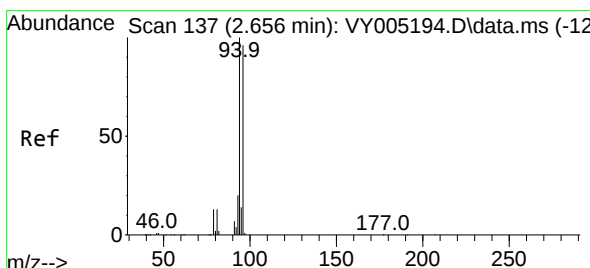
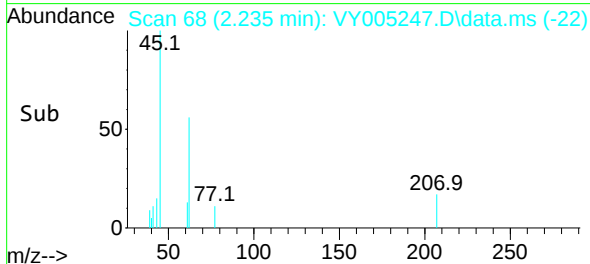
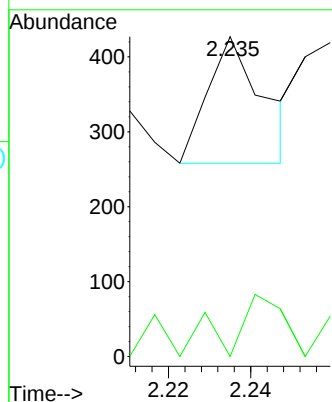
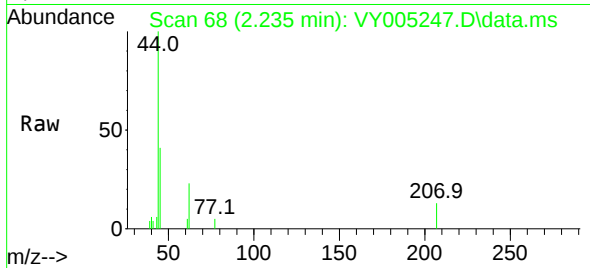




#4
 Vinyl Chloride
 Concen: 1.394 ug/l
 RT: 2.235 min Scan# 68
 Delta R.T. -0.018 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

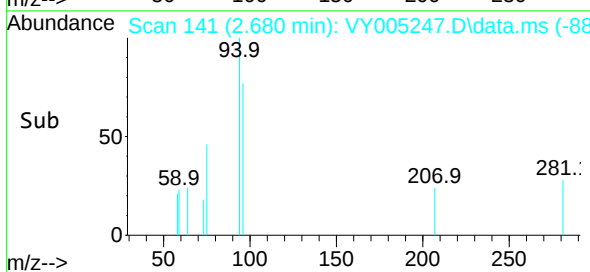
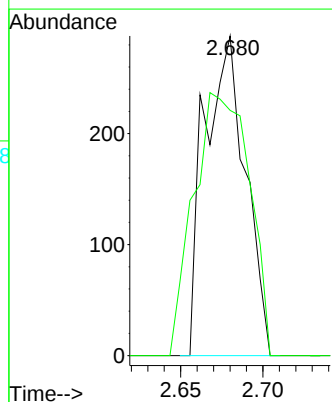
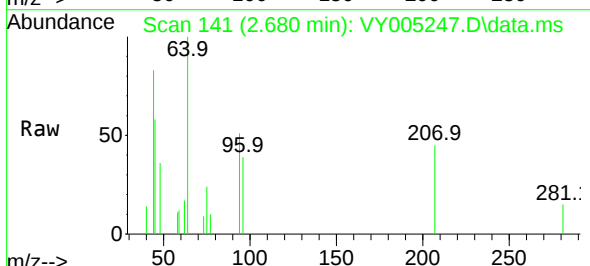
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

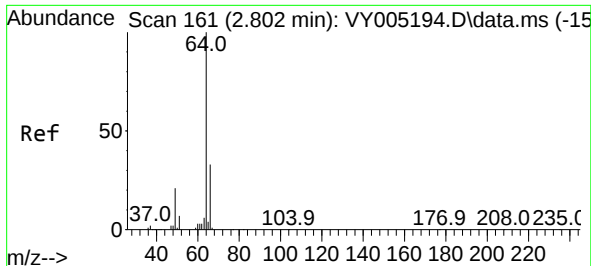
Tgt Ion: 62 Resp: 158
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 6.926 ug/l
 RT: 2.680 min Scan# 141
 Delta R.T. 0.024 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

Tgt Ion: 94 Resp: 498
 Ion Ratio Lower Upper
 94 100
 96 76.7 76.9 115.3#

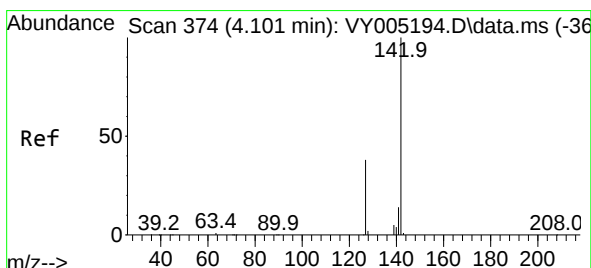
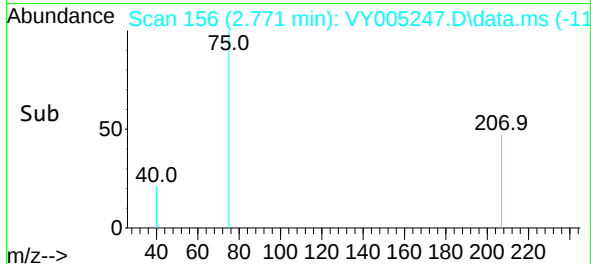
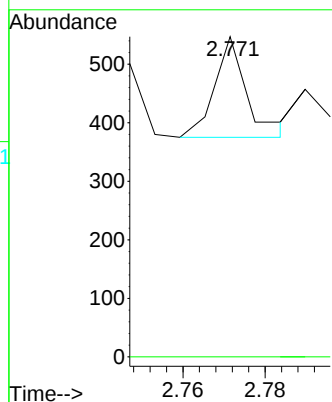
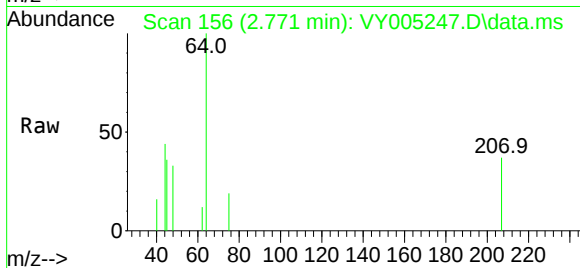




#6
Chloroethane
Concen: 1.282 ug/l
RT: 2.771 min Scan# 156
Delta R.T. -0.031 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

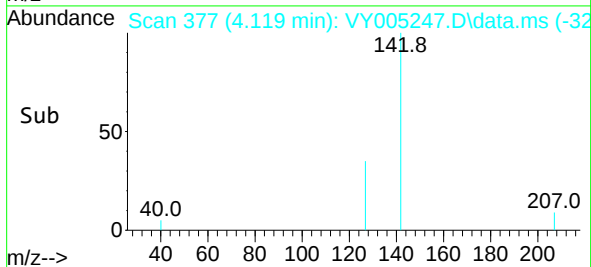
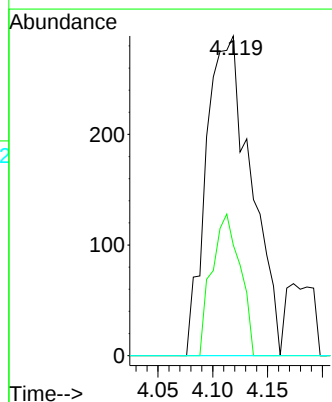
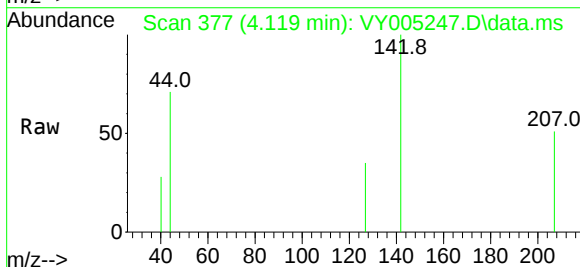
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

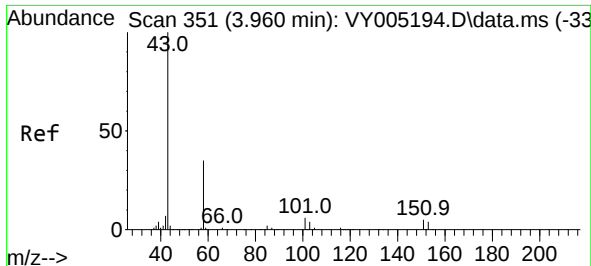
Tgt Ion: 64 Resp: 95
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 6.198 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

Tgt Ion: 142 Resp: 818
Ion Ratio Lower Upper
142 100
127 28.1 31.3 46.9#
141 0.0 11.3 16.9#

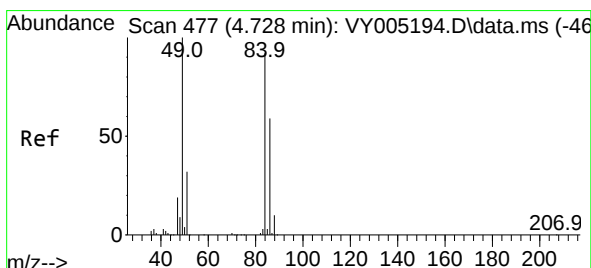
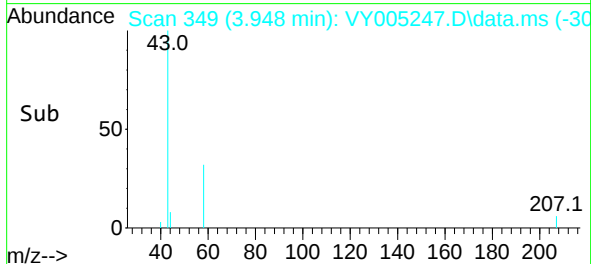
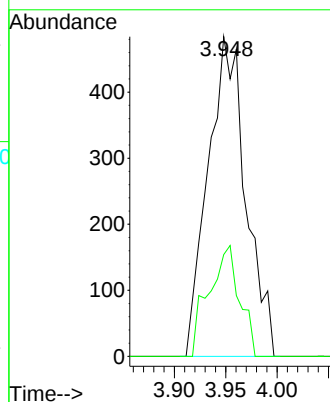
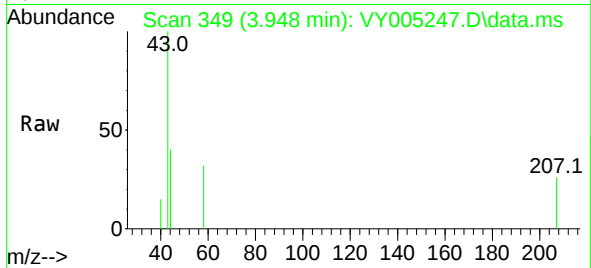




#16
Acetone
Concen: 56.950 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

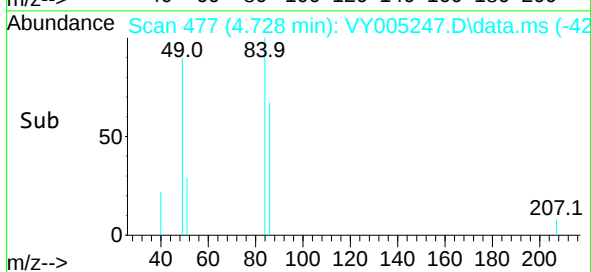
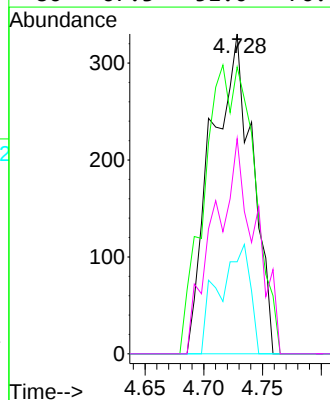
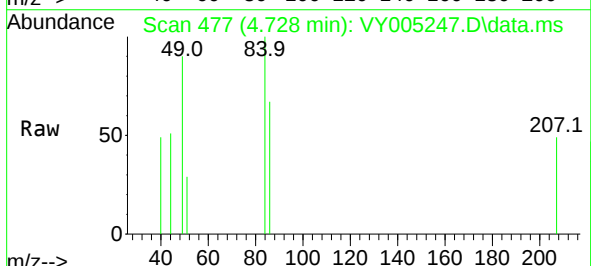
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

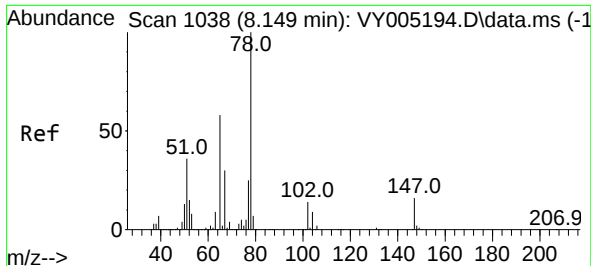
Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 31.8 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

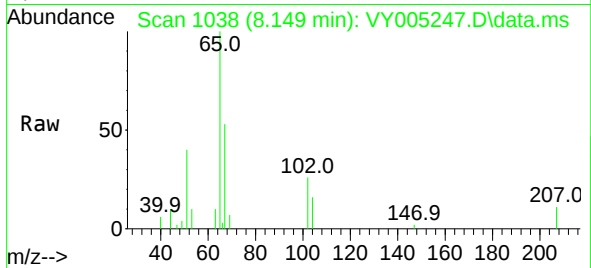
Tgt Ion: 84 Resp: 801
Ion Ratio Lower Upper
84 100
49 89.7 86.9 130.3
51 28.8 27.4 41.2
86 67.3 51.0 76.6



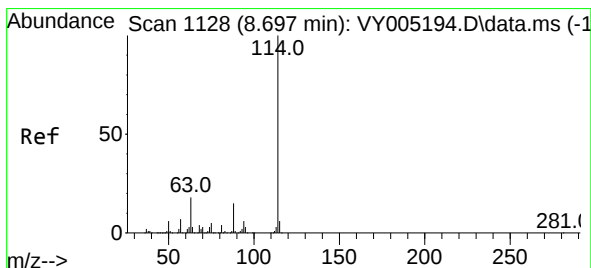
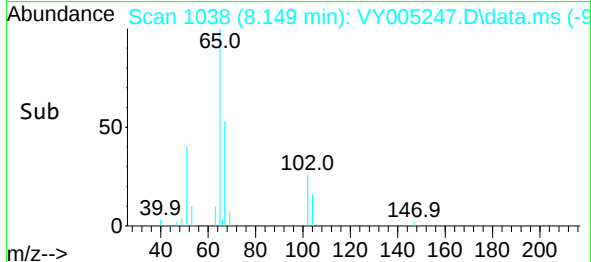
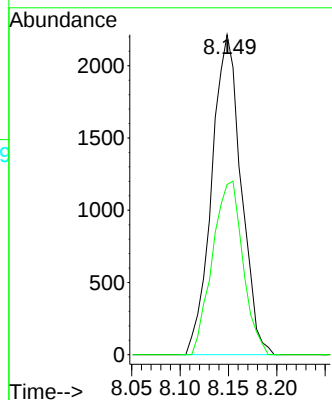


#33
 1,2-Dichloroethane-d4
 Concen: 49.868 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

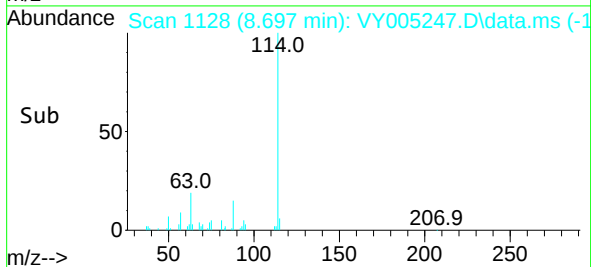
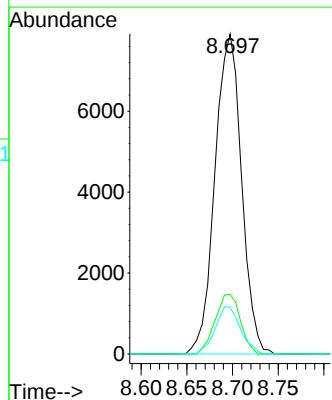
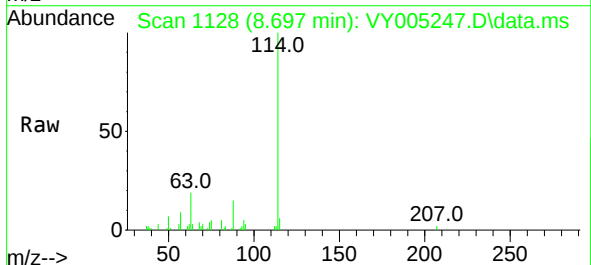


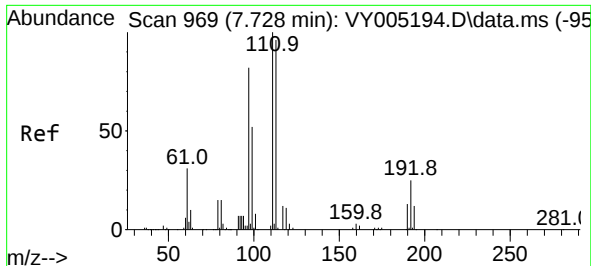
Tgt Ion: 65 Resp: 4685
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

Tgt Ion: 114 Resp: 15986
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.2
 88 14.6 0.0 29.4

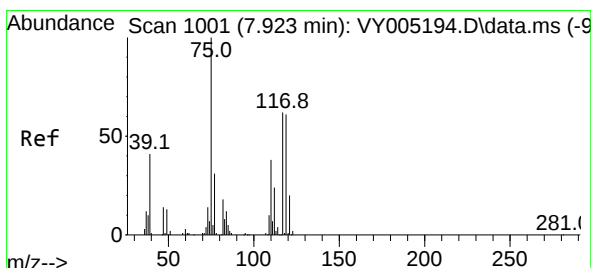
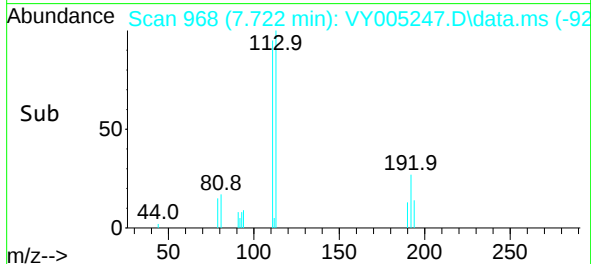
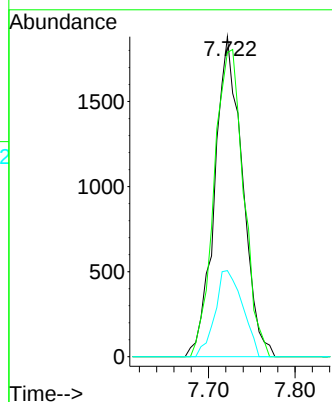
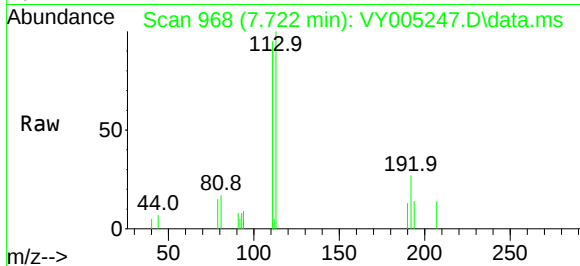




#35
Dibromofluoromethane
Concen: 44.507 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

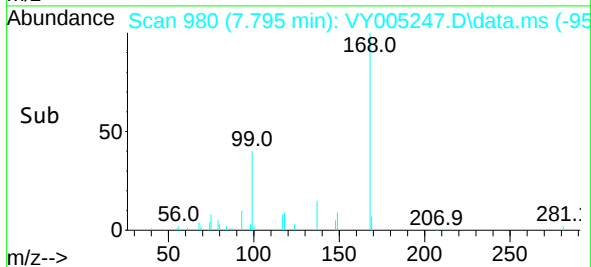
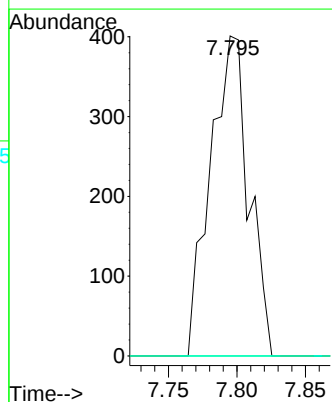
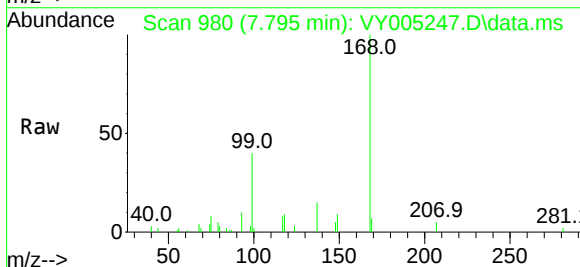
Instrument :
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ClientSampleId :
SB-08-9.5-10.0

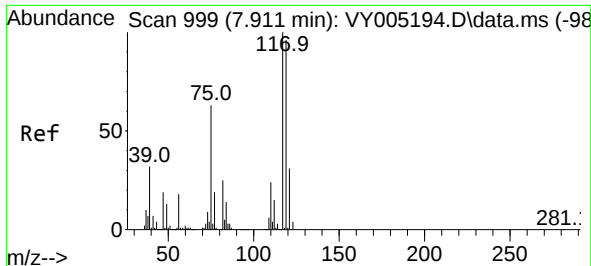
Tgt Ion:	113	Resp:	4196
Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.6	124.0
192	26.6	20.2	30.2



#36
1,1-Dichloropropene
Concen: 5.569 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

Tgt Ion:	75	Resp:	784
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.5#
77	0.0	25.2	37.8#

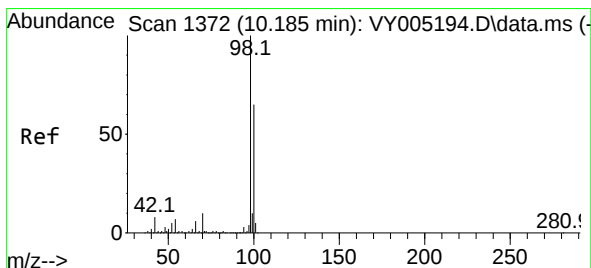
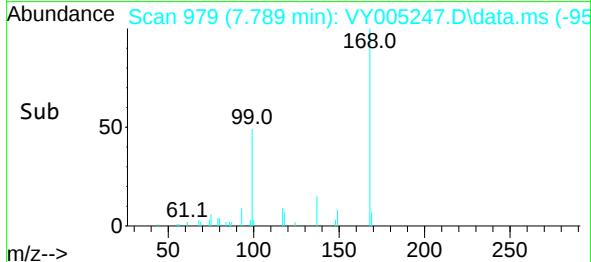
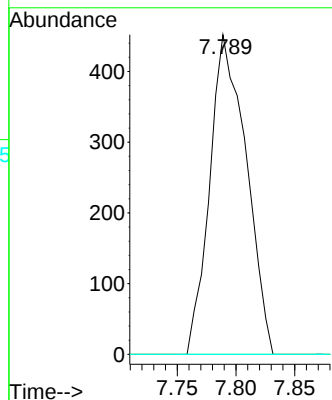
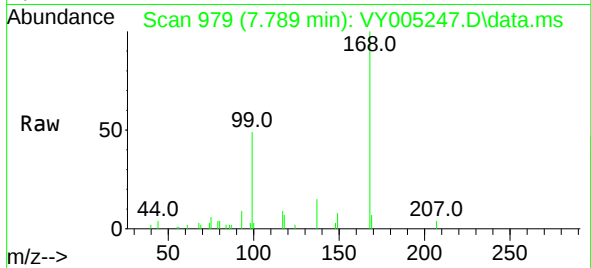




#38
Carbon Tetrachloride
Concen: 6.617 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

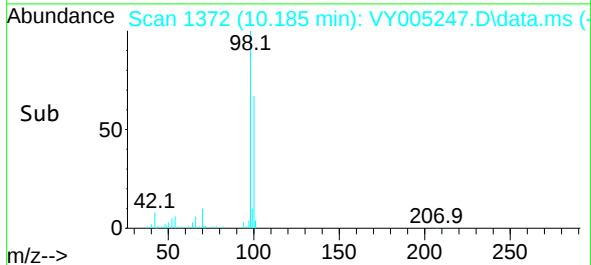
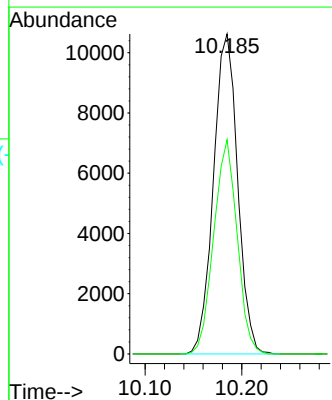
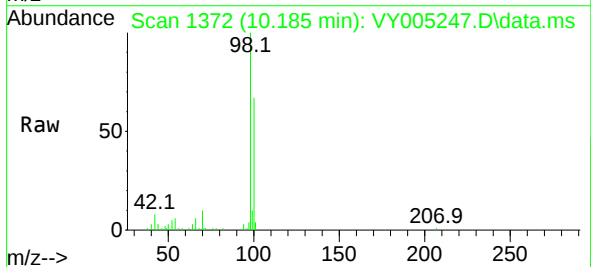
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

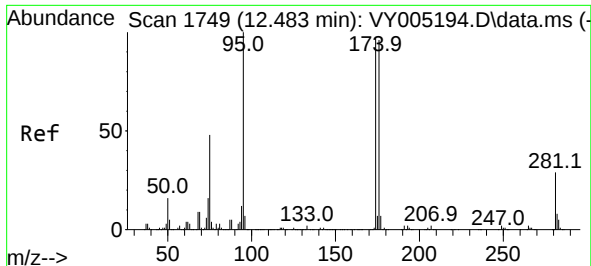
Tgt Ion:117 Resp: 975
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

Tgt Ion: 98 Resp: 18436
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

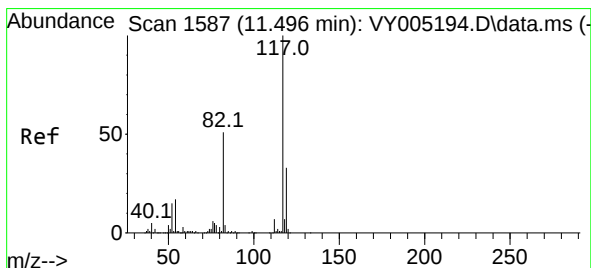
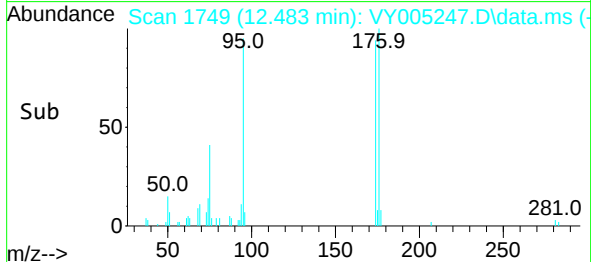
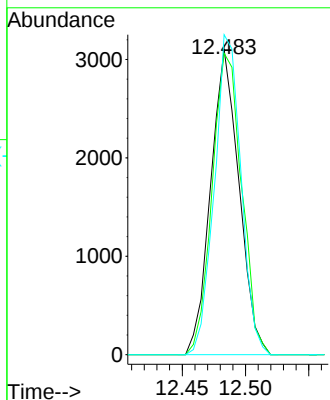
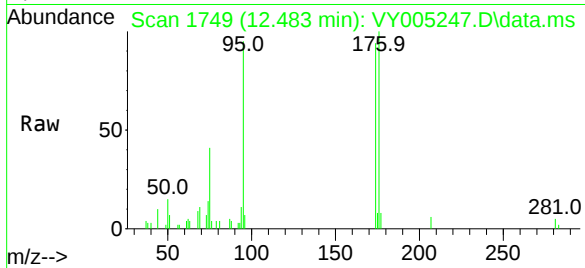




#62
4-Bromofluorobenzene
Concen: 38.460 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

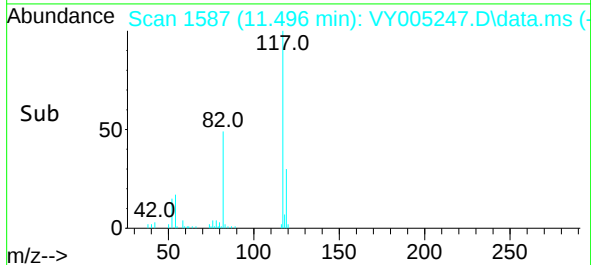
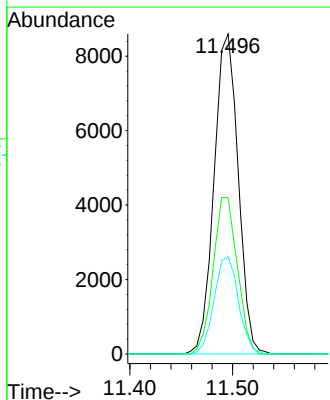
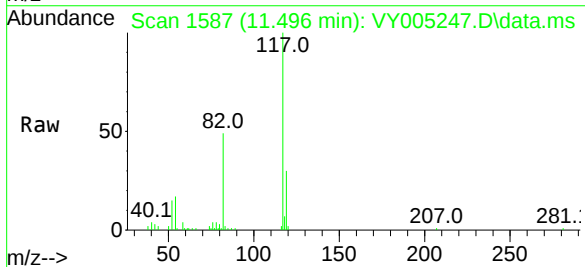
Instrument :
MSVOA_Y
ClientSampleId :
SB-08-9.5-10.0

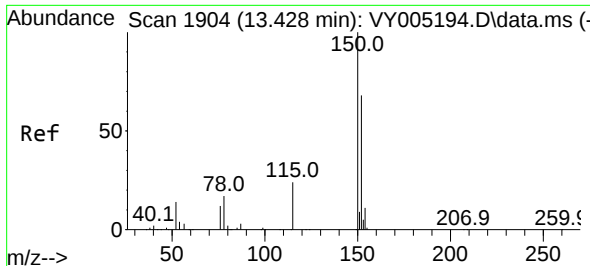
Tgt Ion:	95	Resp:	4832
Ion	Ratio	Lower	Upper
95	100		
174	102.5	0.0	201.6
176	98.3	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005247.D
Acq: 28 Jun 2021 14:27

Tgt Ion:	117	Resp:	14001
Ion	Ratio	Lower	Upper
117	100		
82	48.8	40.6	60.8
119	30.4	26.1	39.1

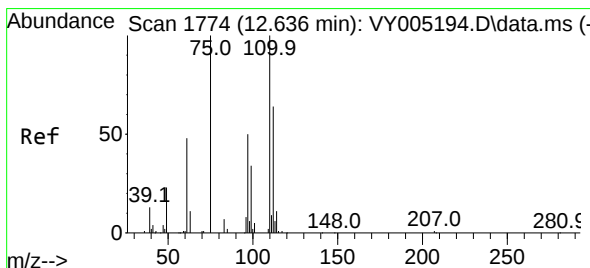
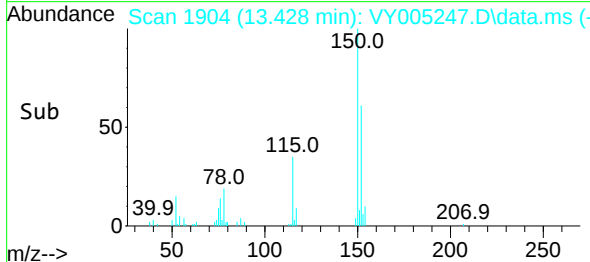
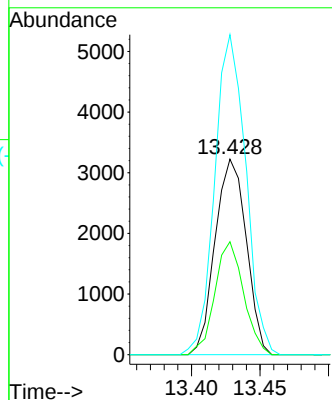
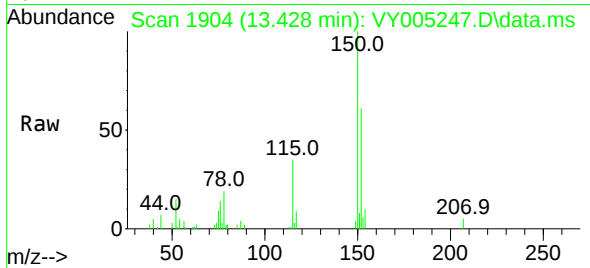




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

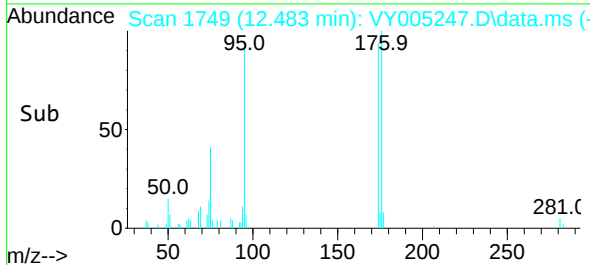
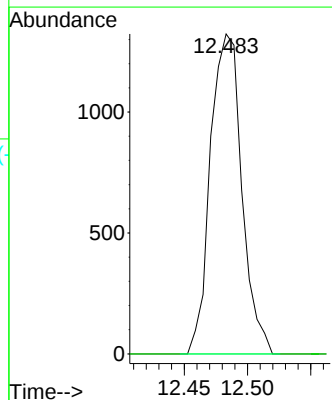
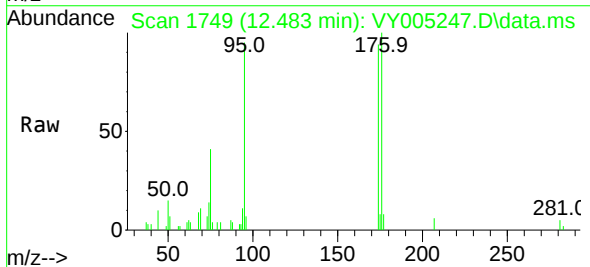
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0

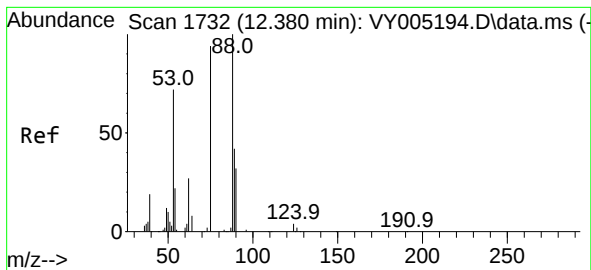
Tgt Ion:152 Resp: 5102
 Ion Ratio Lower Upper
 152 100
 115 53.4 26.3 78.8
 150 162.6 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 50.476 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

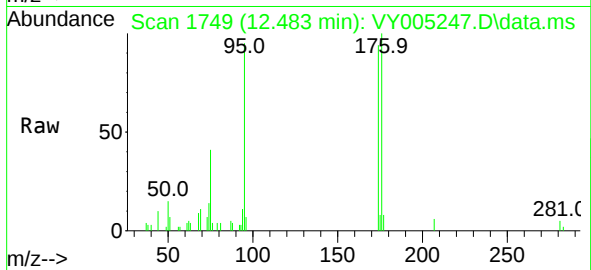
Tgt Ion: 75 Resp: 2284
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.177 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005247.D
 Acq: 28 Jun 2021 14:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-08-9.5-10.0



Tgt Ion:	75	Resp:	2284
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#

