

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005248.D
 Acq On : 28 Jun 2021 14:50
 Operator : SY/MD
 Sample : M2856-17
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

Quant Time: Jun 29 01:17:26 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)

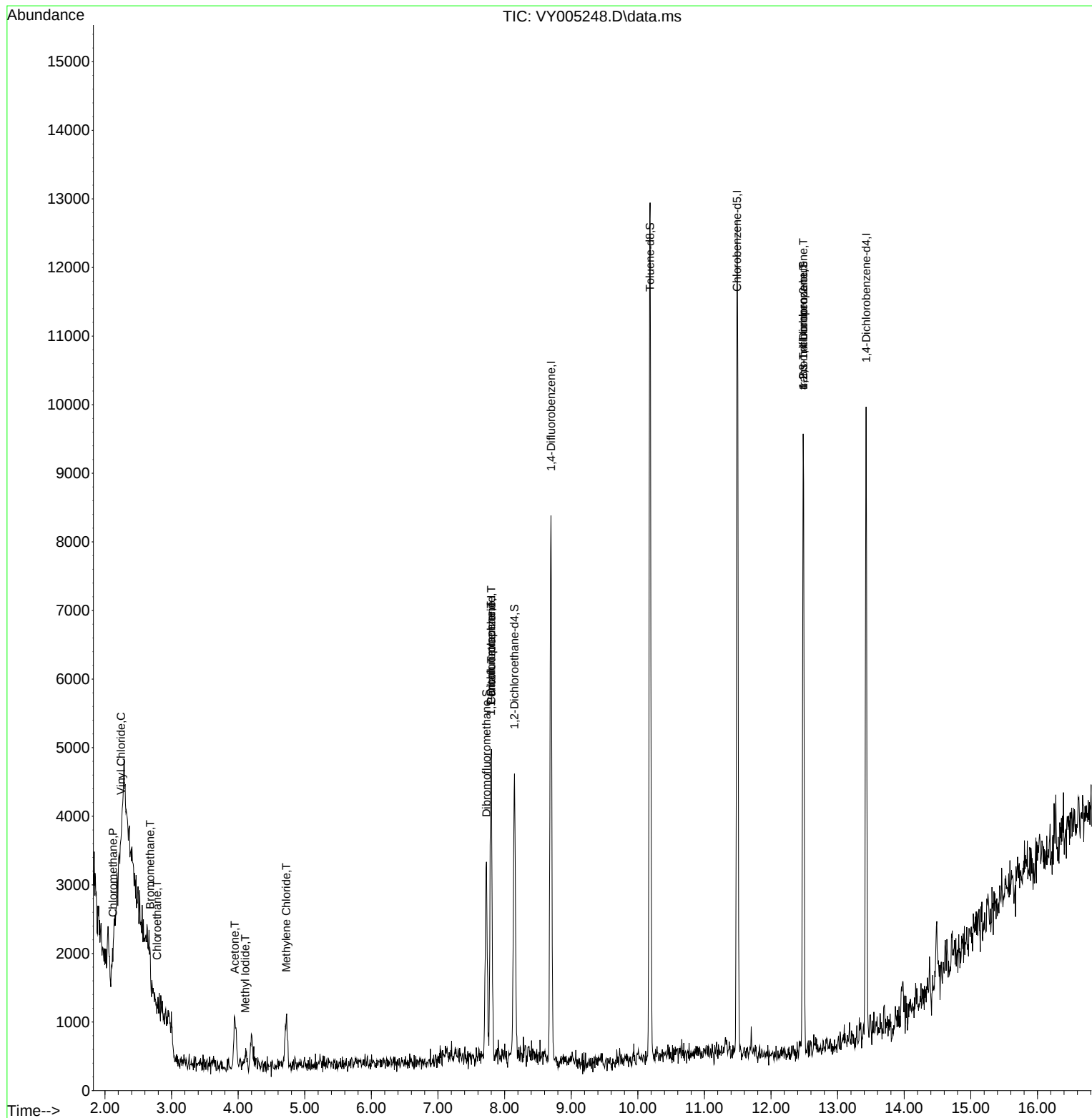
Internal Standards						
1) Pentafluorobenzene	7.801	168	4230	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	7382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	7404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3286	93.610	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.220%#	
35) Dibromofluoromethane	7.728	113	2093	48.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.160%	
50) Toluene-d8	10.185	98	9177	52.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.483	95	2612	45.022	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	151	4.076	ug/l	# 40
4) Vinyl Chloride	2.241	62	173	4.085	ug/l	# 7
5) Bromomethane	2.680	94	197	7.333	ug/l	98
6) Chloroethane	2.784	64	205	7.402	ug/l	# 42
10) Methyl Iodide	4.107	142	381	7.726	ug/l	# 44
16) Acetone	3.948	43	1273	156.981	ug/l	91
20) Methylene Chloride	4.722	84	527	4.235	ug/l	# 82
36) 1,1-Dichloropropene	7.795	75	298	4.584	ug/l	# 40
38) Carbon Tetrachloride	7.801	117	252	3.703	ug/l	# 12
76) 1,2,3-Trichloropropane	12.483	75	1278	55.896	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1278	104.289	ug/l	# 17

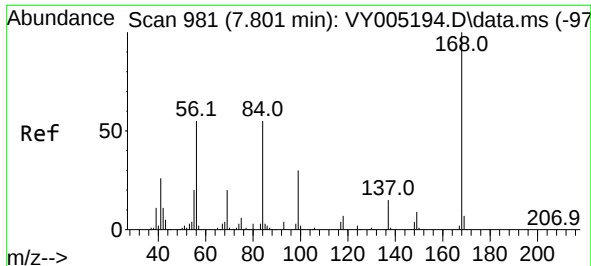
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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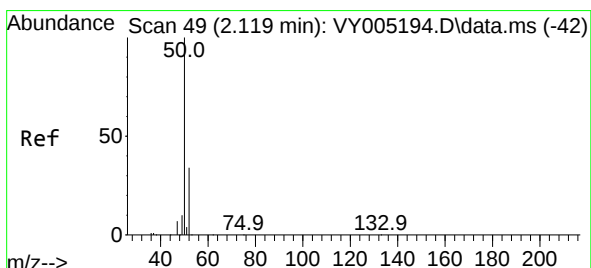
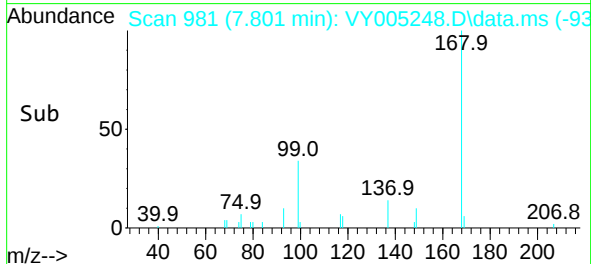
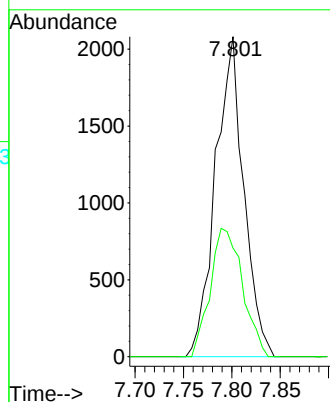
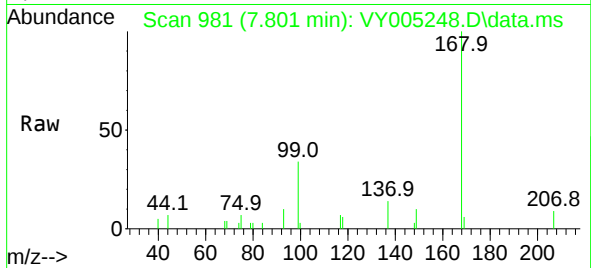




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

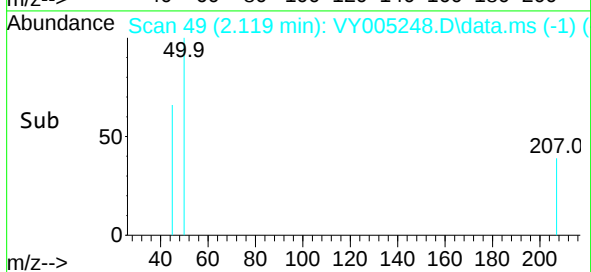
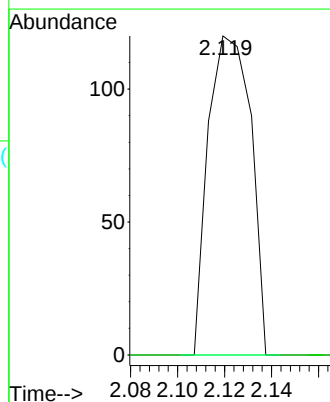
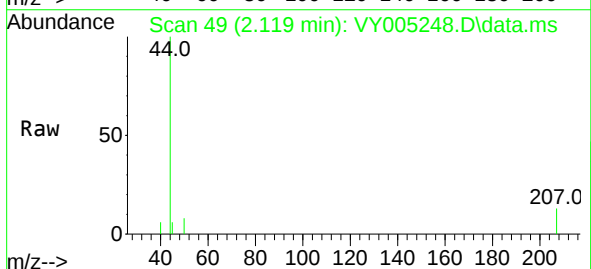
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

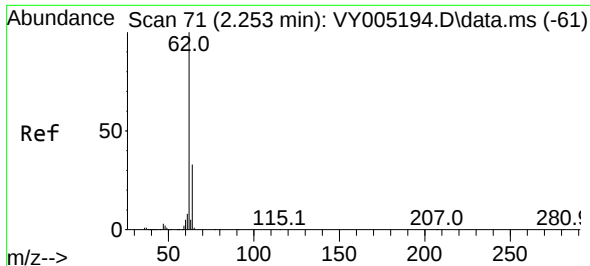
Tgt Ion:168 Resp: 4230
Ion Ratio Lower Upper
168 100
99 34.0 36.2 54.4#



#3
Chloromethane
Concen: 4.076 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

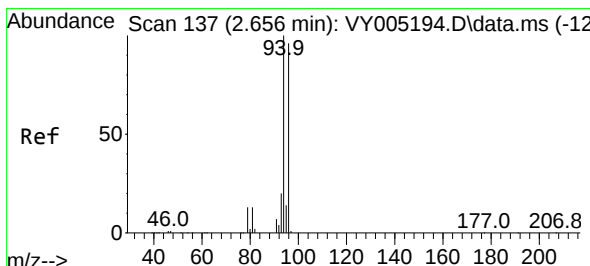
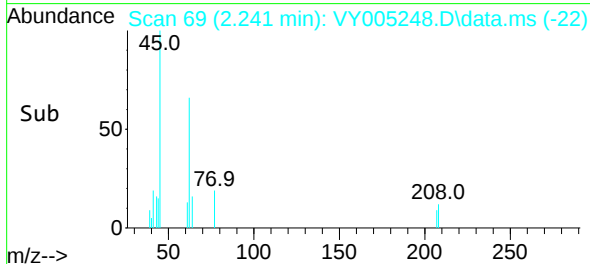
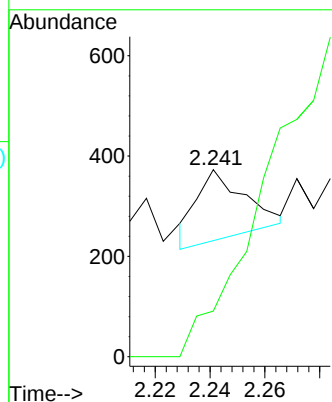
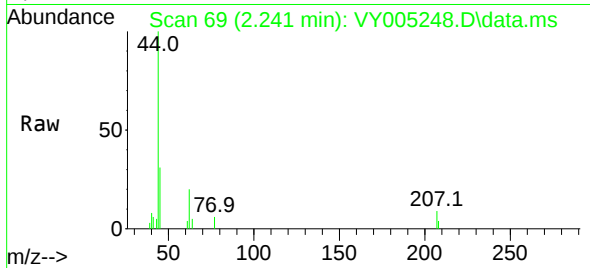




#4
 Vinyl Chloride
 Concen: 4.085 ug/l
 RT: 2.241 min Scan# 69
 Delta R.T. -0.012 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

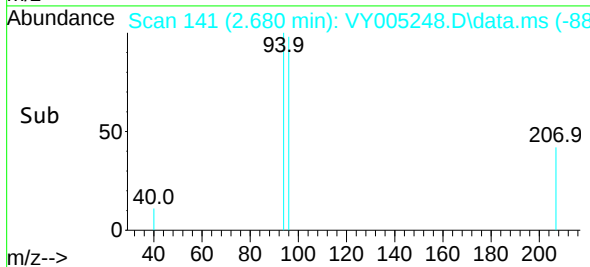
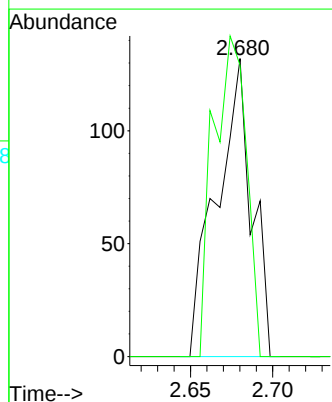
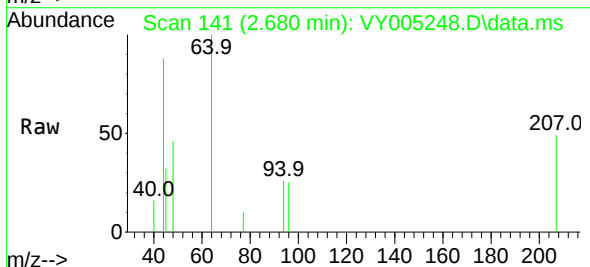
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

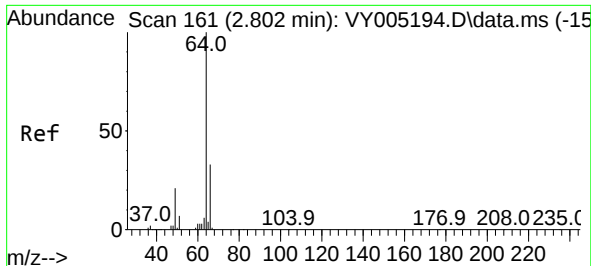
Tgt Ion: 62 Resp: 173
 Ion Ratio Lower Upper
 62 100
 64 85.0 26.1 39.1#



#5
 Bromomethane
 Concen: 7.333 ug/l
 RT: 2.680 min Scan# 141
 Delta R.T. 0.024 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

Tgt Ion: 94 Resp: 197
 Ion Ratio Lower Upper
 94 100
 96 97.7 76.9 115.3

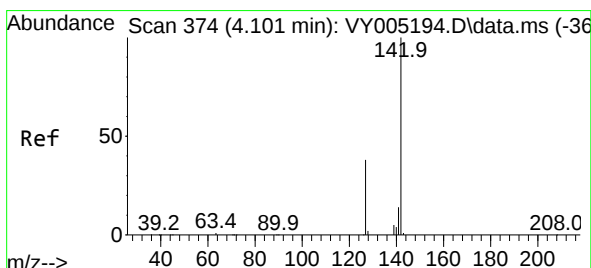
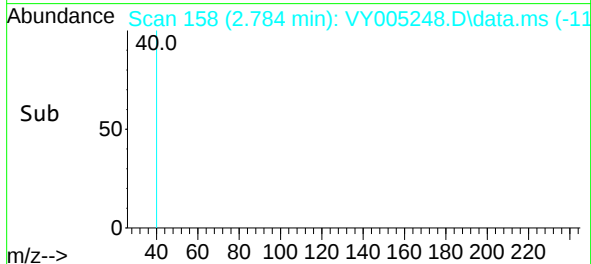
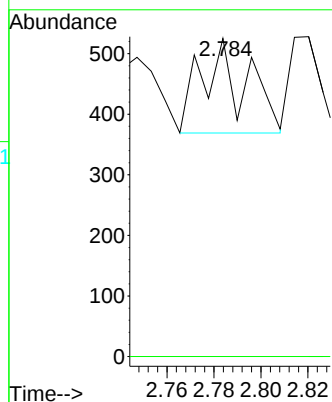
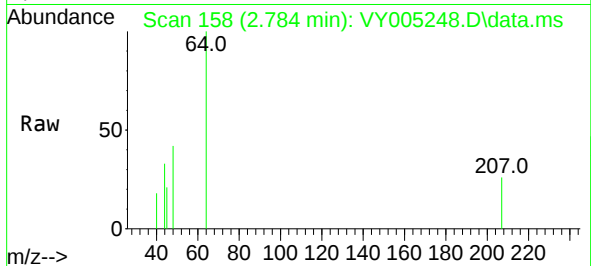




#6
Chloroethane
Concen: 7.402 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.018 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

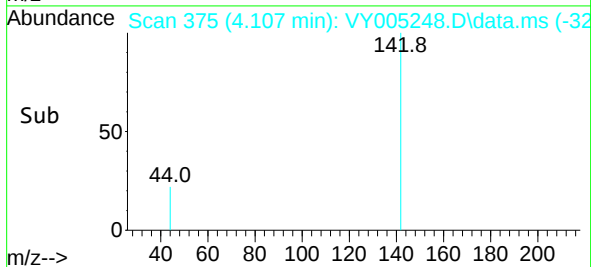
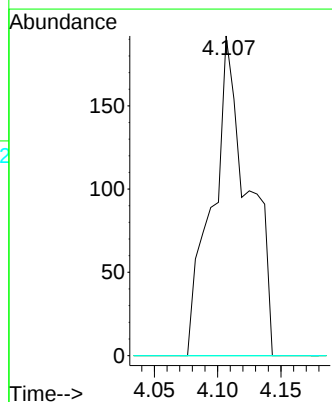
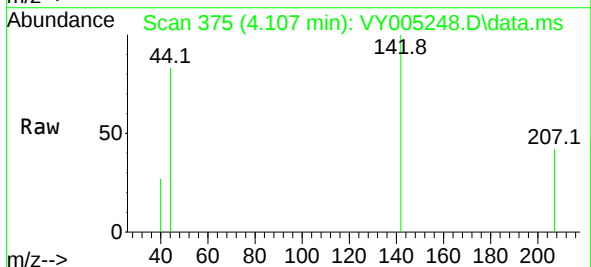
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

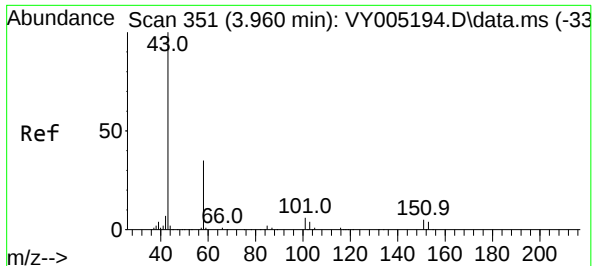
Tgt Ion: 64 Resp: 205
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 7.726 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

Tgt Ion:142 Resp: 381
Ion Ratio Lower Upper
142 100
127 0.0 31.3 46.9#
141 0.0 11.3 16.9#

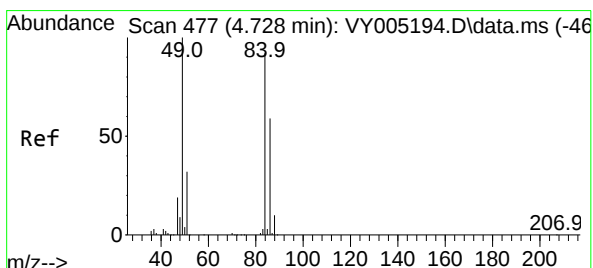
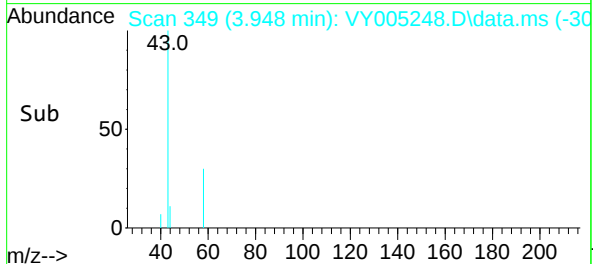
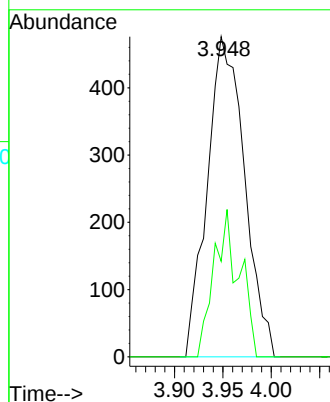
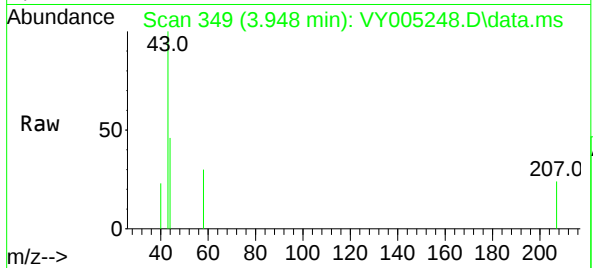




#16
Acetone
Concen: 156.981 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

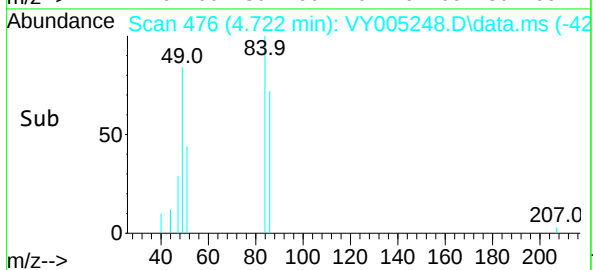
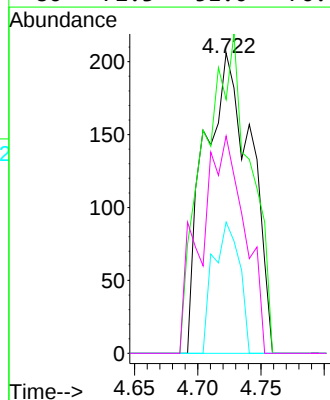
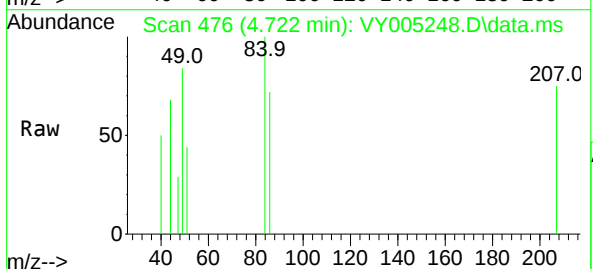
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

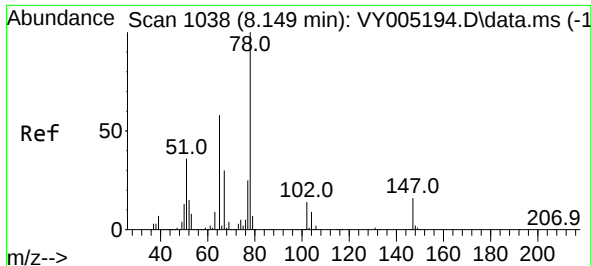
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 29.8 28.2 42.2



#20
Methylene Chloride
Concen: 4.235 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

Tgt Ion: 84 Resp: 527
Ion Ratio Lower Upper
84 100
49 84.5 86.9 130.3#
51 43.7 27.4 41.2#
86 72.3 51.0 76.6

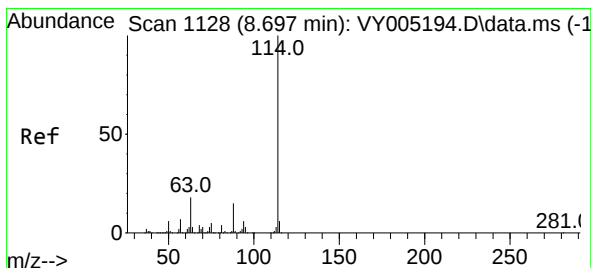
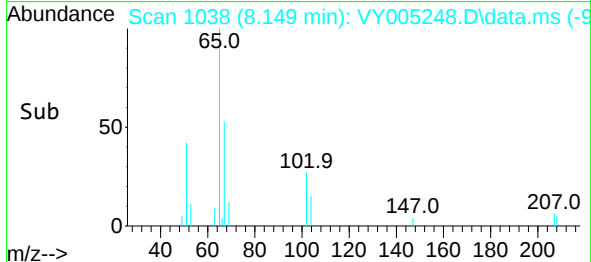
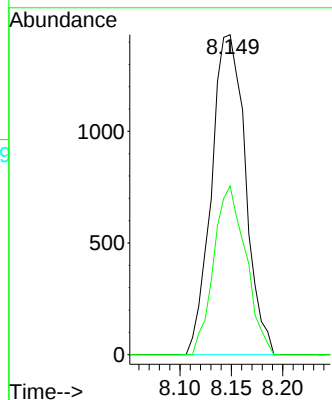
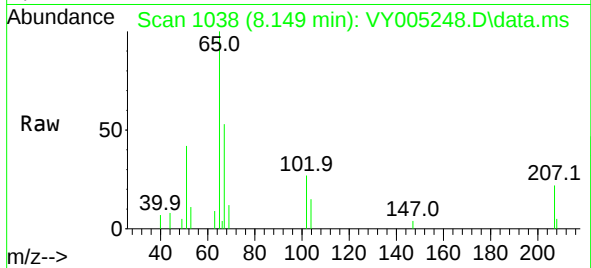




#33
 1,2-Dichloroethane-d4
 Concen: 93.610 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

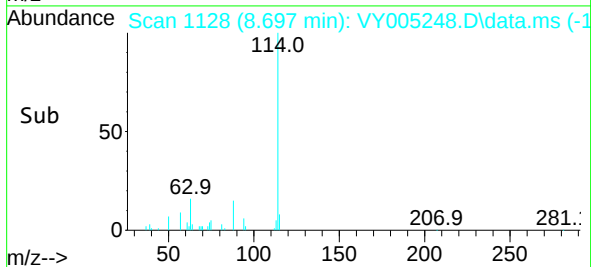
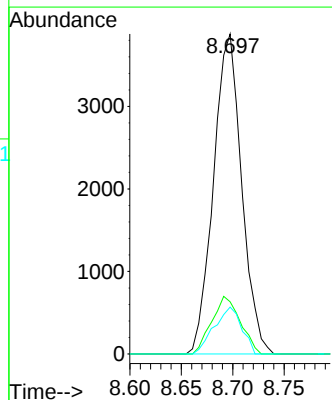
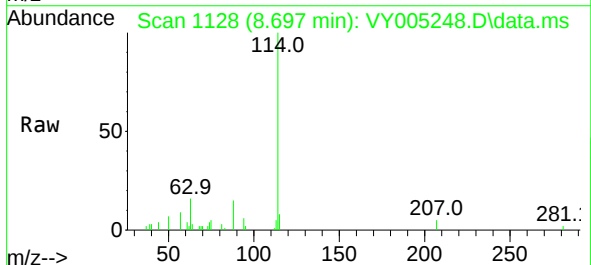
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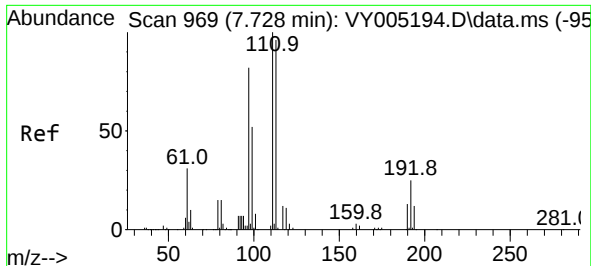
Tgt Ion: 65 Resp: 3286
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

Tgt Ion: 114 Resp: 7382
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 35.2
 88 14.6 0.0 29.4

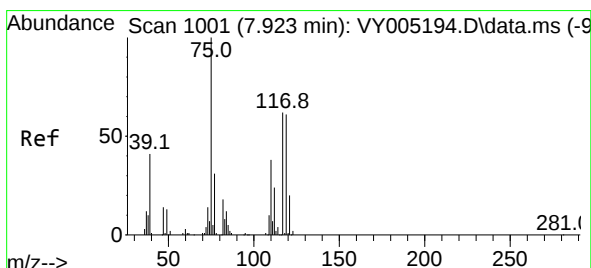
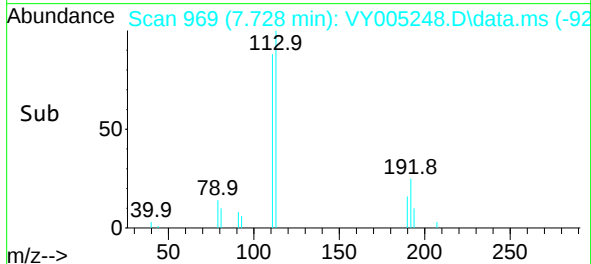
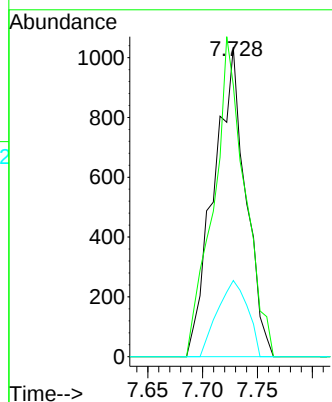
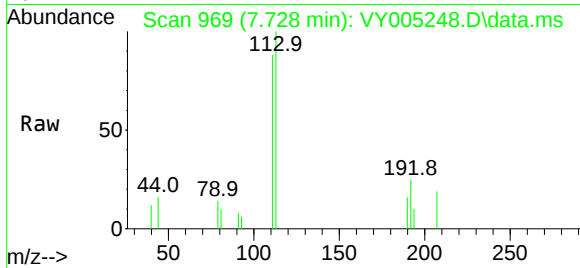




#35
Dibromofluoromethane
Concen: 48.076 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

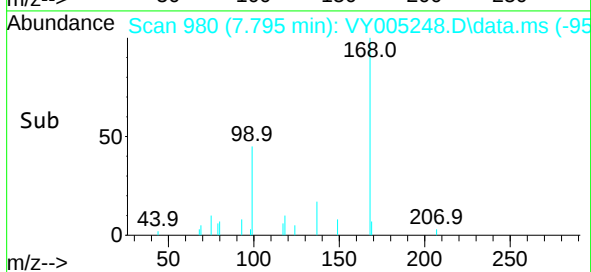
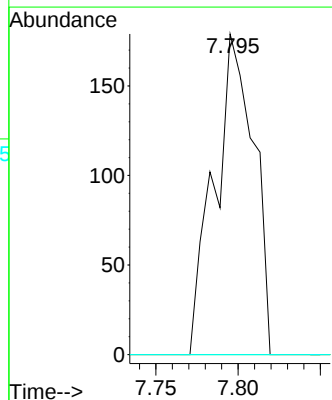
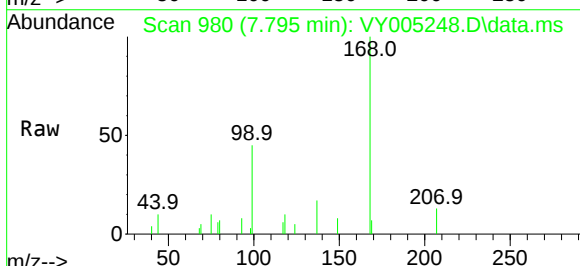
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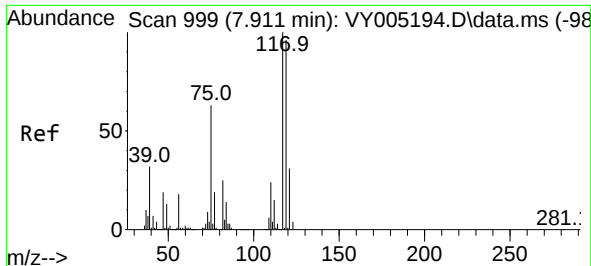
Tgt Ion:	113	Resp:	2093
Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.6	124.0
192	23.2	20.2	30.2



#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

Tgt Ion:	75	Resp:	298
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.1	57.5#
77	0.0	25.2	37.8#

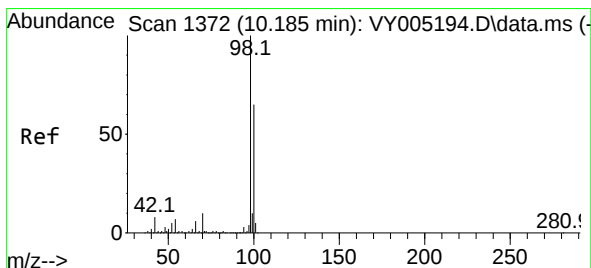
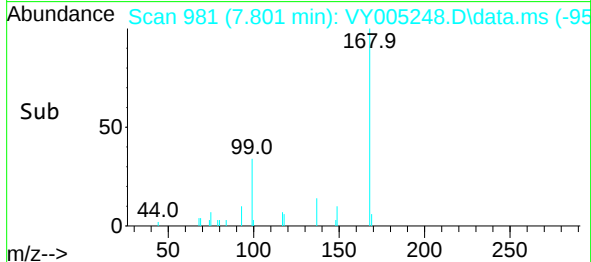
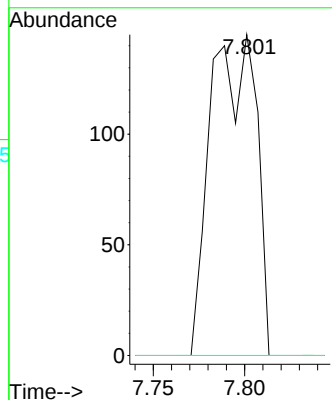
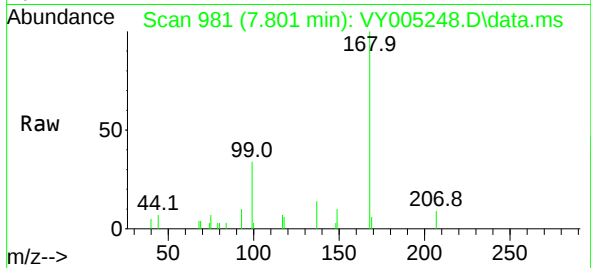




#38
Carbon Tetrachloride
Concen: 3.703 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

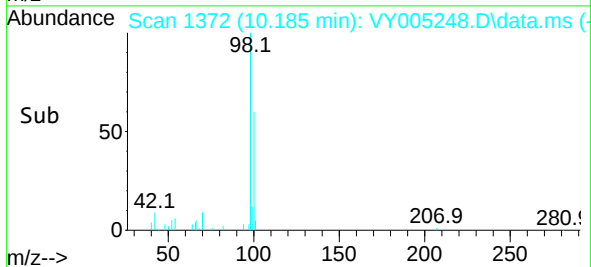
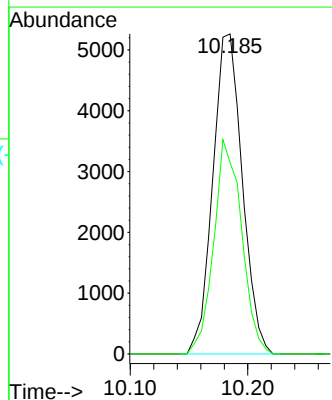
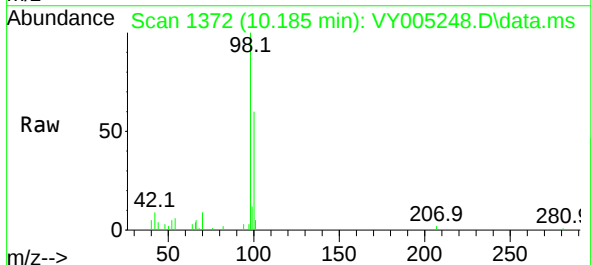
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

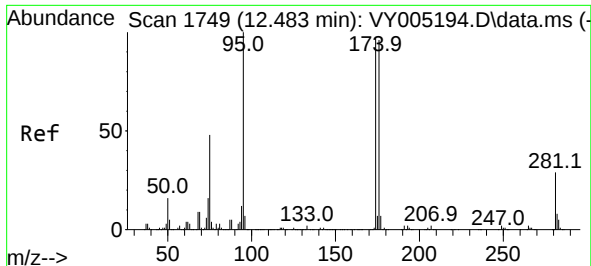
Tgt Ion:117 Resp: 252
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.710 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

Tgt Ion: 98 Resp: 9177
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9

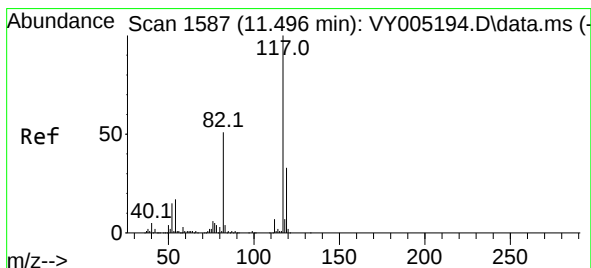
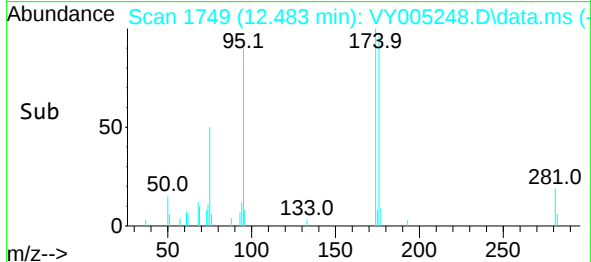
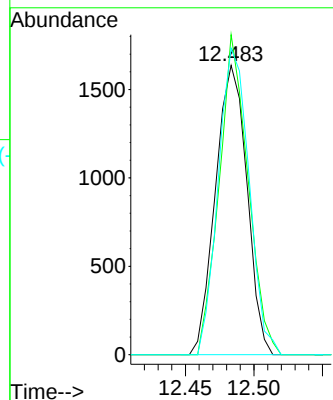
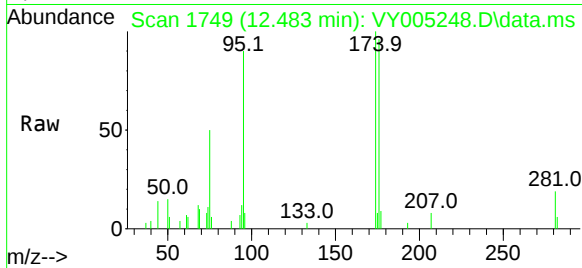




#62
4-Bromofluorobenzene
Concen: 45.022 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

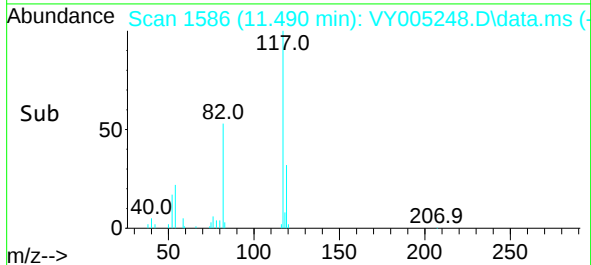
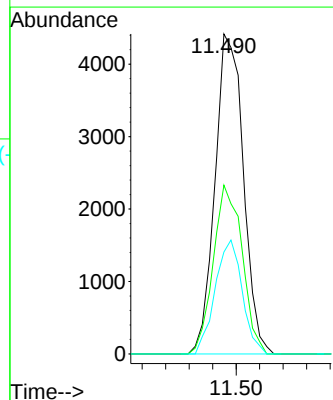
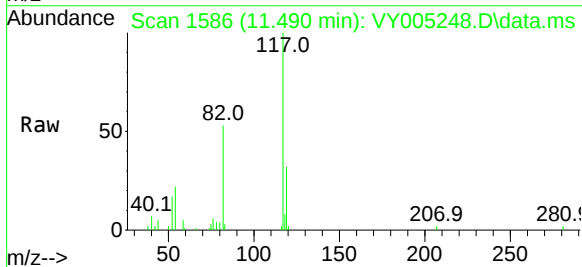
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-9.5-10.0

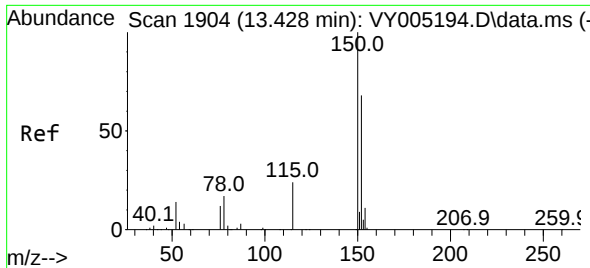
Tgt Ion:	95	Resp:	2612
Ion	Ratio	Lower	Upper
95	100		
174	101.4	0.0	201.6
176	103.8	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005248.D
Acq: 28 Jun 2021 14:50

Tgt Ion:	117	Resp:	7404
Ion	Ratio	Lower	Upper
117	100		
82	52.7	40.6	60.8
119	31.9	26.1	39.1

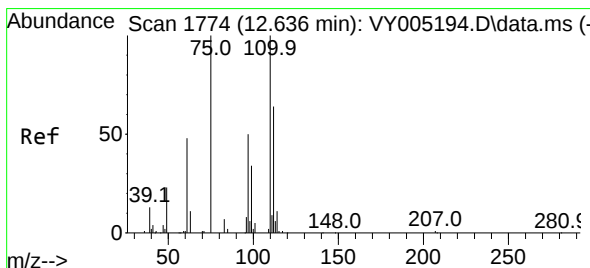
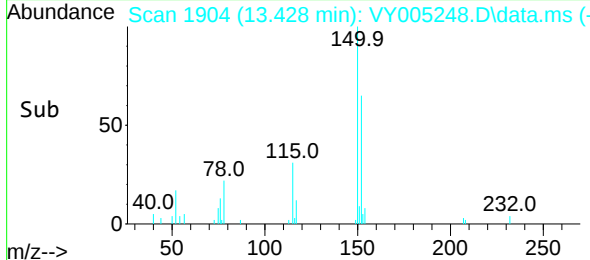
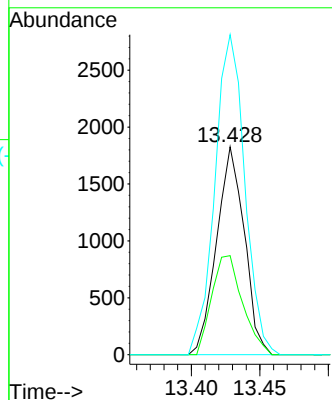
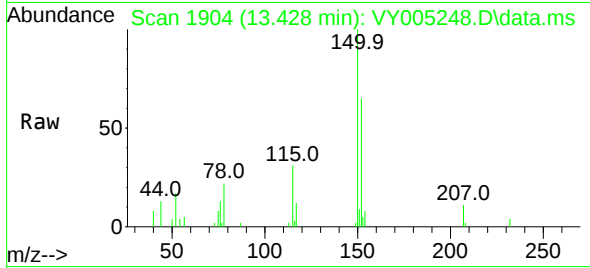




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

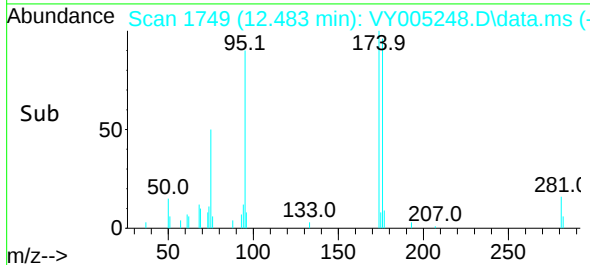
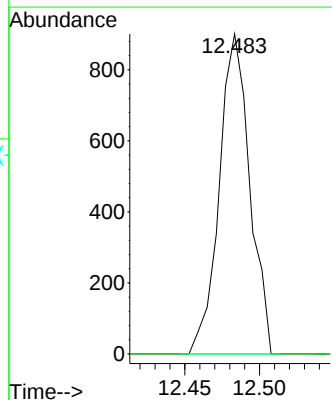
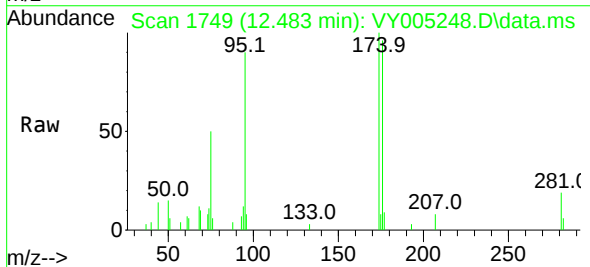
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

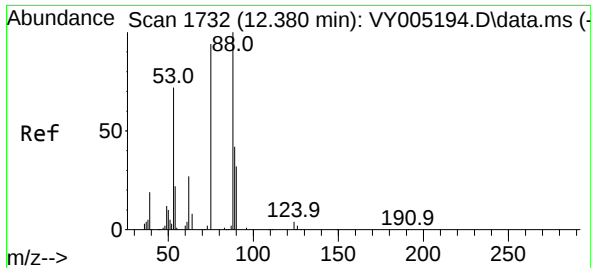
Tgt Ion:152 Resp: 2578
 Ion Ratio Lower Upper
 152 100
 115 52.9 26.3 78.8
 150 165.8 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 55.896 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

Tgt Ion: 75 Resp: 1278
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.289 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005248.D
 Acq: 28 Jun 2021 14:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-9.5-10.0

Tgt Ion: 75 Resp: 1278
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 38.0 57.0#

