

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005251.D
 Acq On : 28 Jun 2021 16:00
 Operator : SY/MD
 Sample : M2857-05RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.5-10.0RE

Quant Time: Jun 29 01:18:06 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)

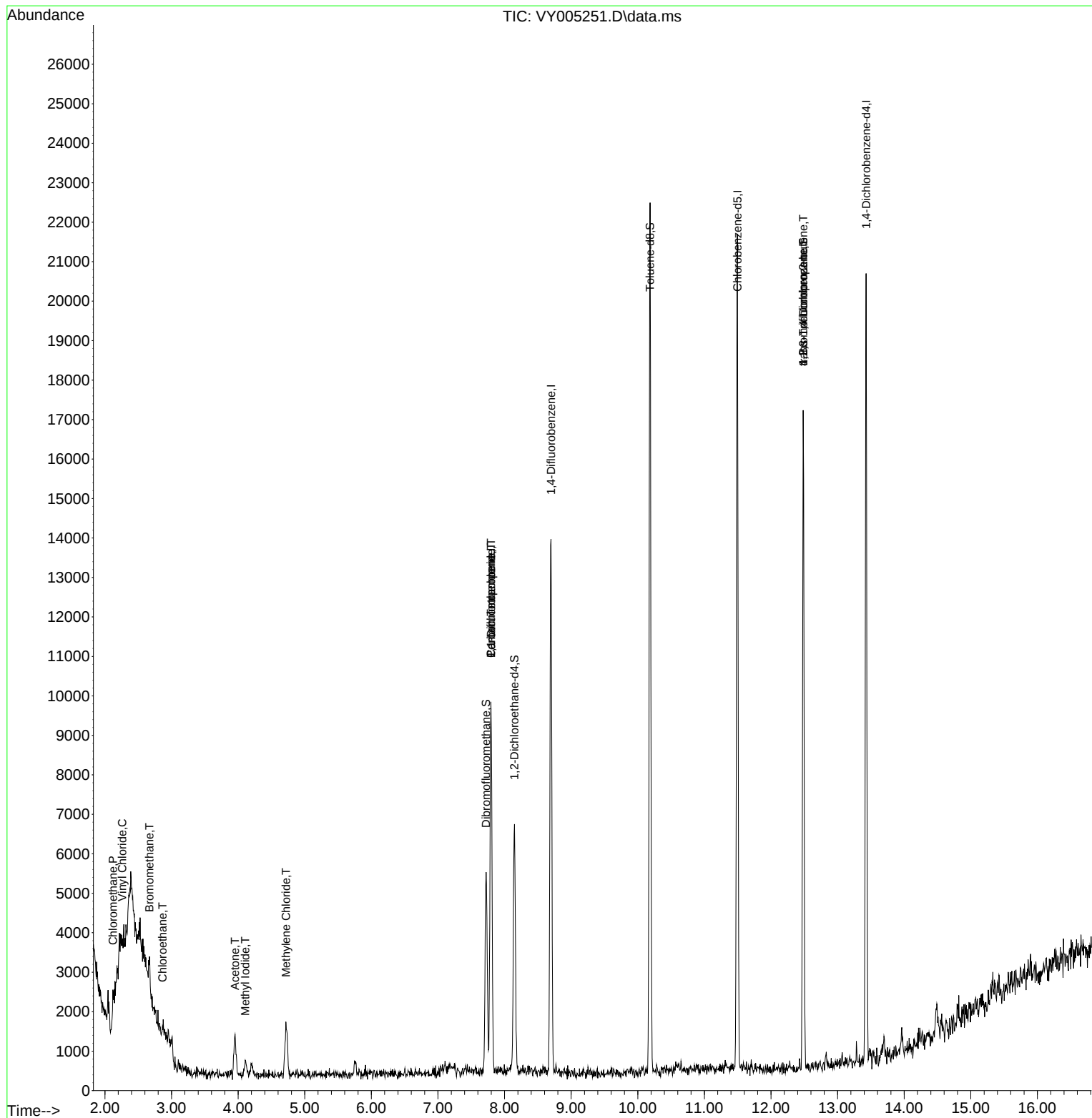
Internal Standards						
1) Pentafluorobenzene	7.795	168	8476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	12293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	12667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4981	70.815	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.620%			
35) Dibromofluoromethane	7.722	113	3574	49.298	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.600%			
50) Toluene-d8	10.185	98	14792	51.019	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.483	95	4675	48.389	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.780%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	372	5.012	ug/l	98
4) Vinyl Chloride	2.260	62	130	1.532	ug/l #	42
5) Bromomethane	2.668	94	417	7.747	ug/l #	51
6) Chloroethane	2.863	64	79	1.423	ug/l #	42
10) Methyl Iodide	4.107	142	801	8.107	ug/l #	74
16) Acetone	3.954	43	1729	106.406	ug/l	99
20) Methylene Chloride	4.716	84	1050	4.150	ug/l #	90
36) 1,1-Dichloropropene	7.795	75	653	6.032	ug/l #	40
38) Carbon Tetrachloride	7.795	117	685	6.045	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2451	48.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2451	91.164	ug/l #	17

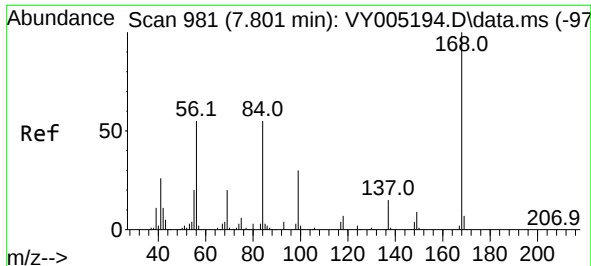
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
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SB-13-9.5-10.0RE

Quant Time: Jun 29 01:18:06 2021
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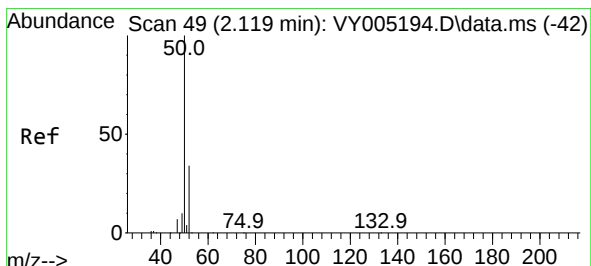
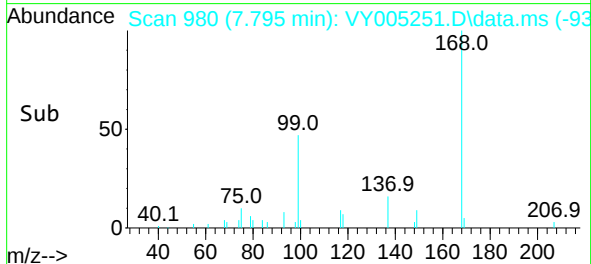
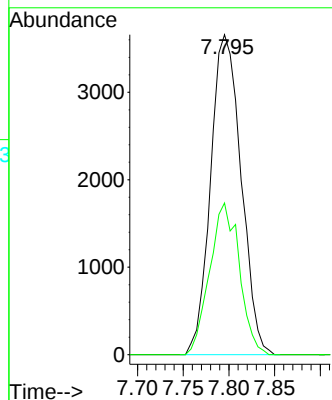
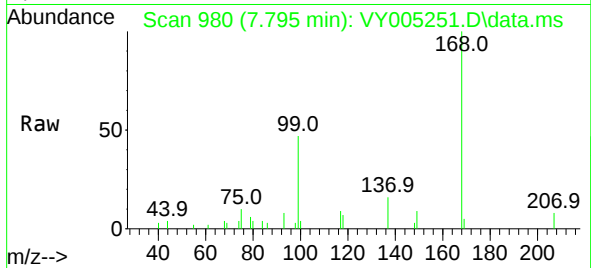




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

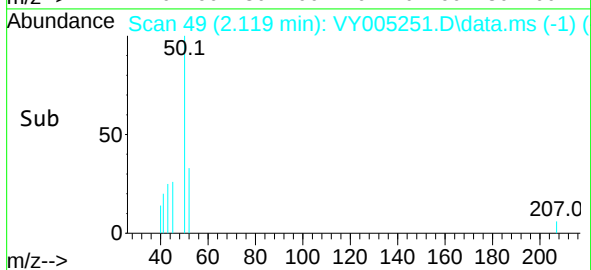
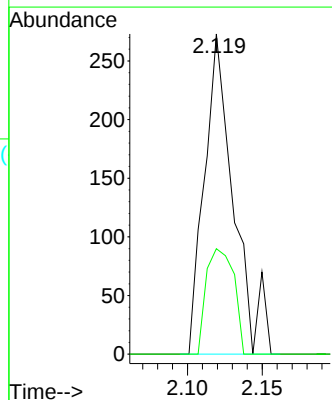
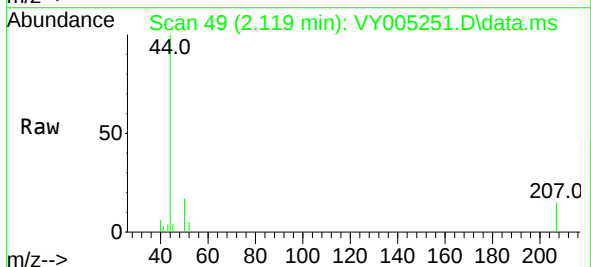
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0RE

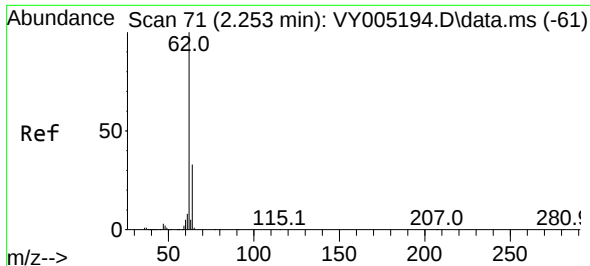
Tgt Ion:168 Resp: 8476
Ion Ratio Lower Upper
168 100
99 47.4 36.2 54.4



#3
Chloromethane
Concen: 5.012 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion: 50 Resp: 372
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.2

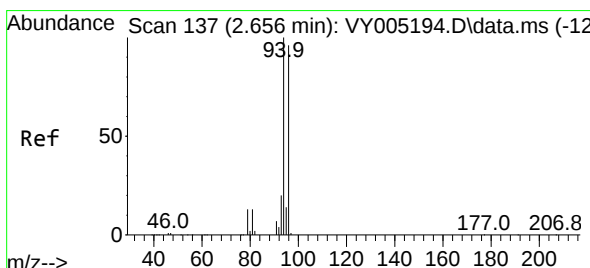
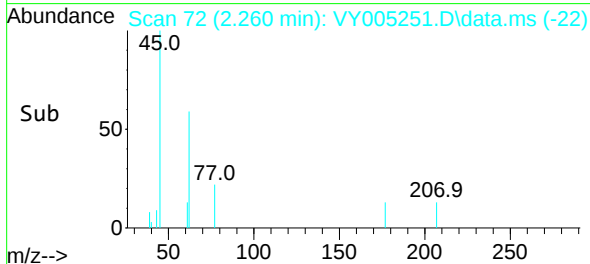
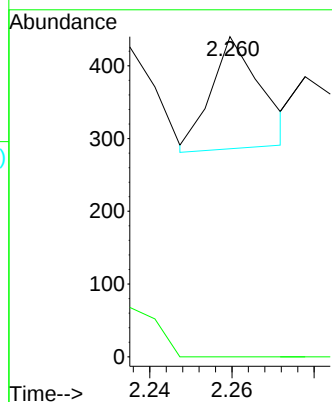
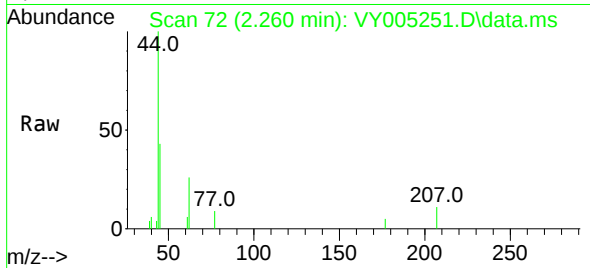




#4
 Vinyl Chloride
 Concen: 1.532 ug/l
 RT: 2.260 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY005251.D
 Acq: 28 Jun 2021 16:00

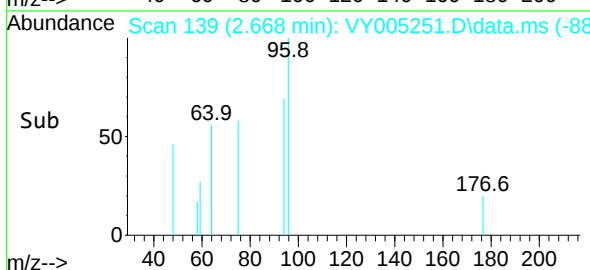
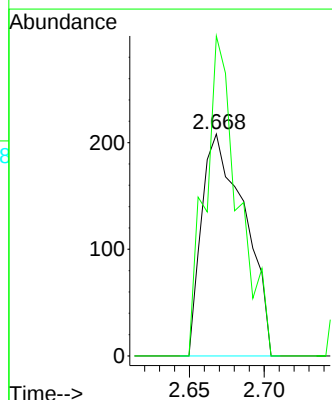
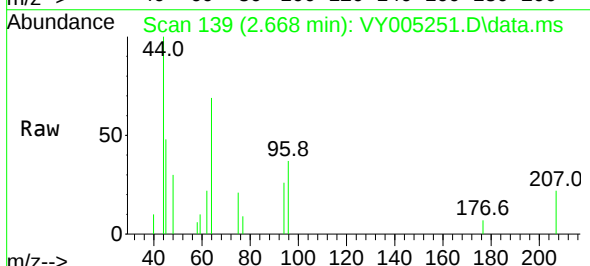
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.5-10.0RE

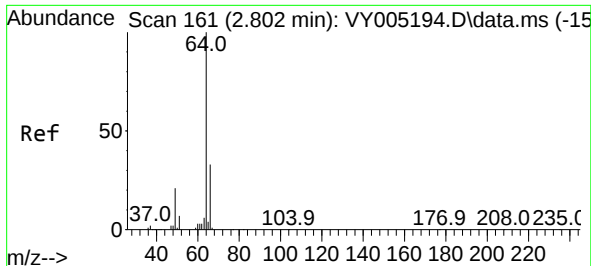
Tgt Ion: 62 Resp: 130
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 7.747 ug/l
 RT: 2.668 min Scan# 139
 Delta R.T. 0.012 min
 Lab File: VY005251.D
 Acq: 28 Jun 2021 16:00

Tgt Ion: 94 Resp: 417
 Ion Ratio Lower Upper
 94 100
 96 144.2 76.9 115.3#

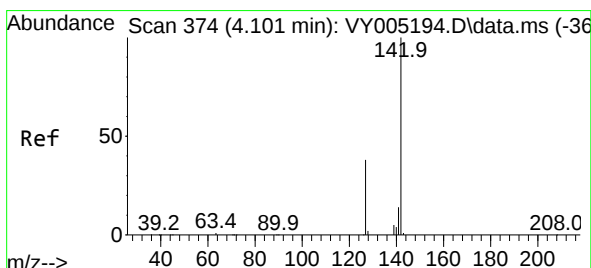
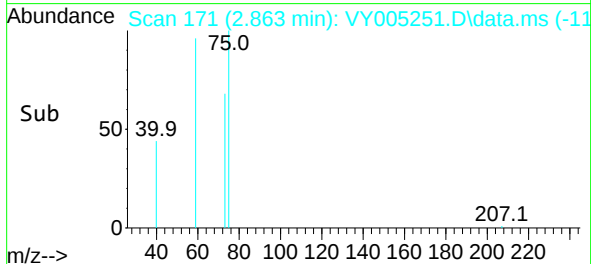
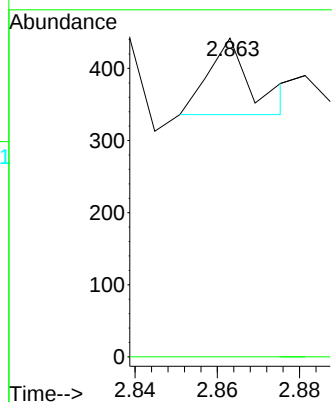
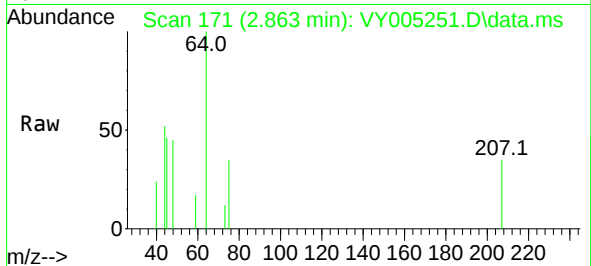




#6
Chloroethane
Concen: 1.423 ug/l
RT: 2.863 min Scan# 171
Delta R.T. 0.061 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

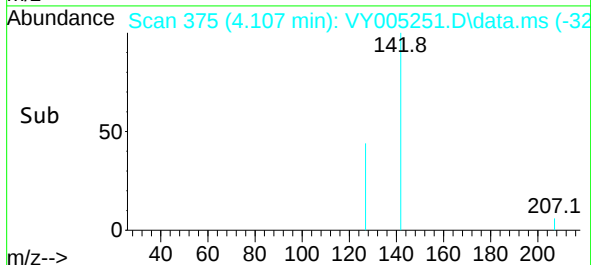
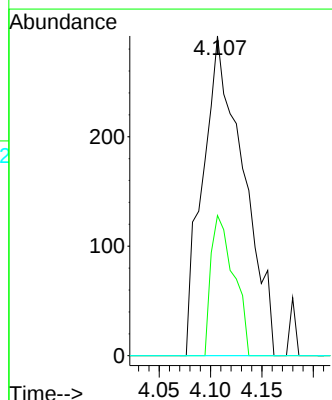
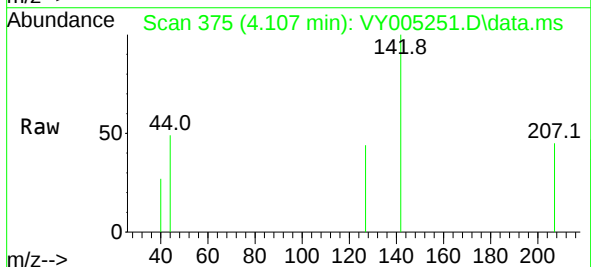
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0RE

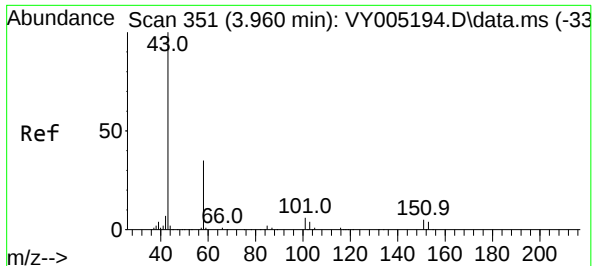
Tgt Ion: 64 Resp: 79
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 8.107 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion: 142 Resp: 801
Ion Ratio Lower Upper
142 100
127 24.7 31.3 46.9#
141 0.0 11.3 16.9#

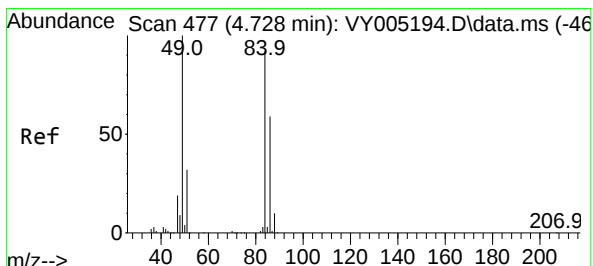
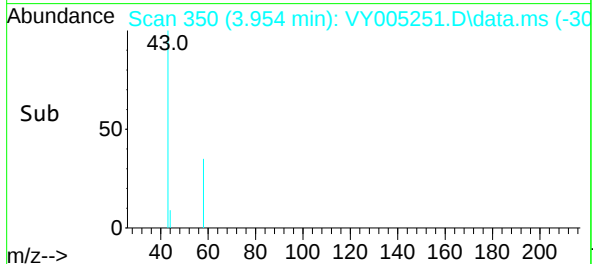
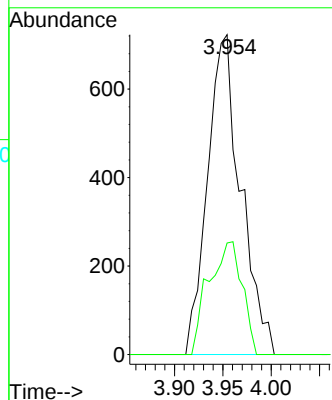
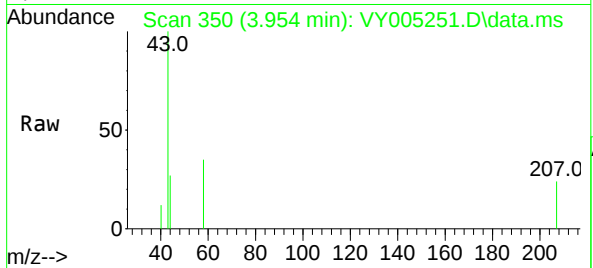




#16
Acetone
Concen: 106.406 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

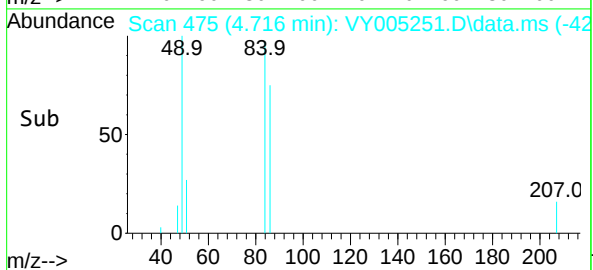
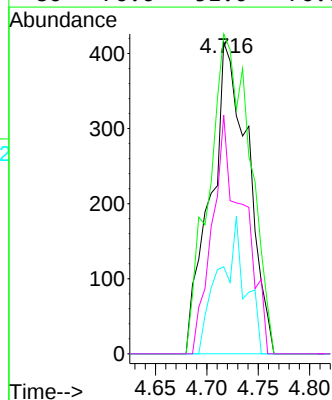
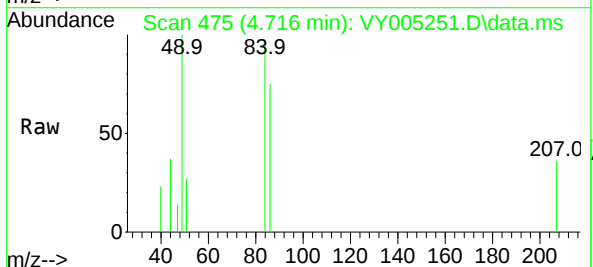
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0RE

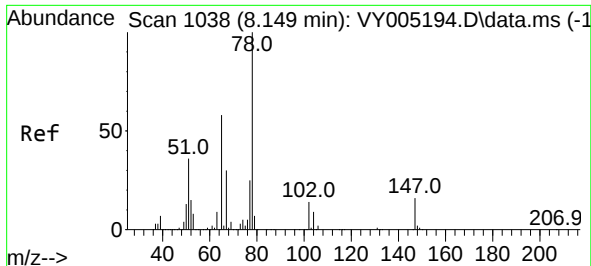
Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
58 34.9 28.2 42.2



#20
Methylene Chloride
Concen: 4.150 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion: 84 Resp: 1050
Ion Ratio Lower Upper
84 100
49 102.7 86.9 130.3
51 28.0 27.4 41.2
86 76.6 51.0 76.6#

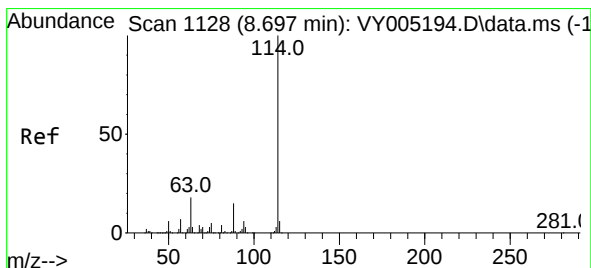
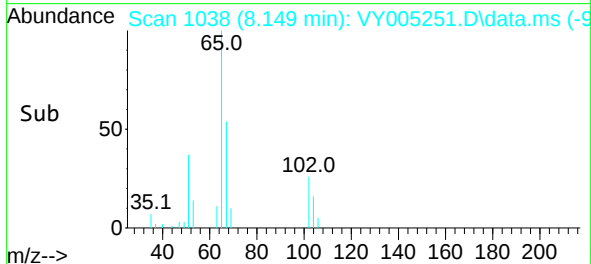
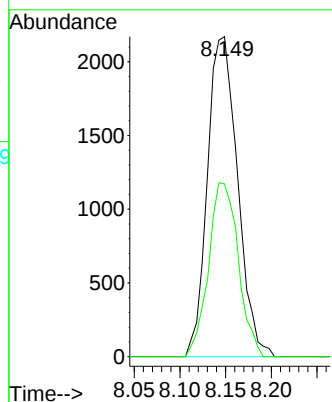
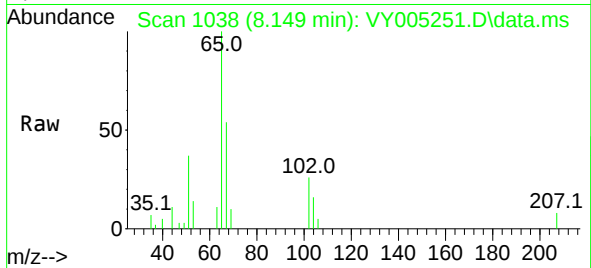




#33
1,2-Dichloroethane-d4
Concen: 70.815 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

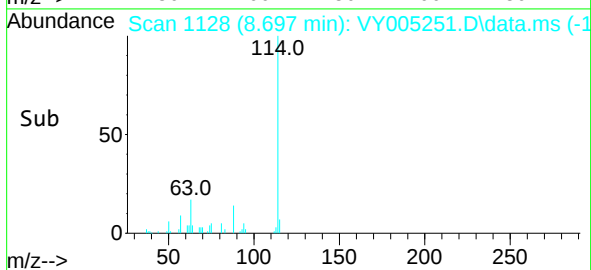
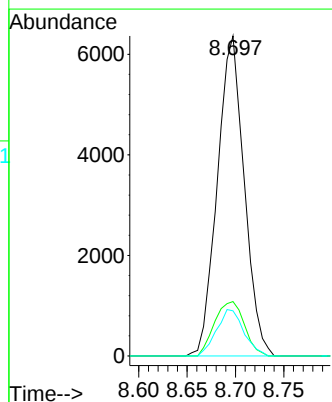
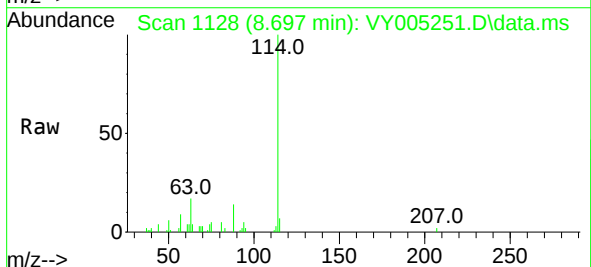
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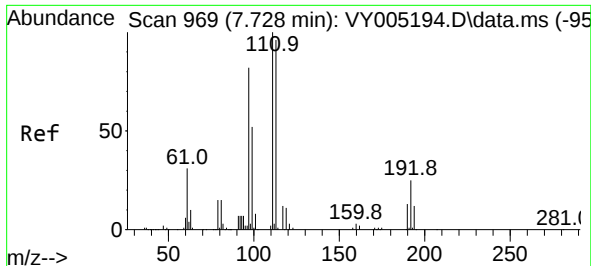
Tgt Ion: 65 Resp: 4981
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion: 114 Resp: 12293
Ion Ratio Lower Upper
114 100
63 17.0 0.0 35.2
88 14.1 0.0 29.4

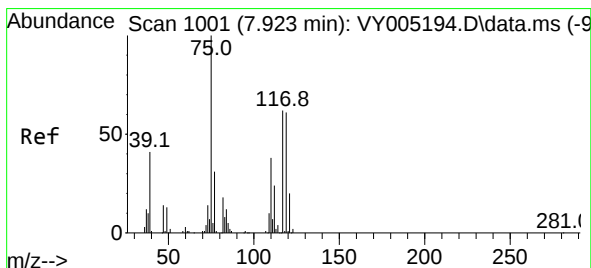
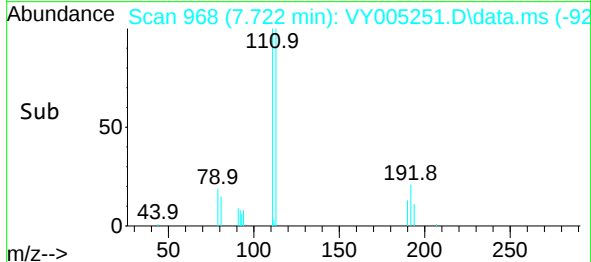
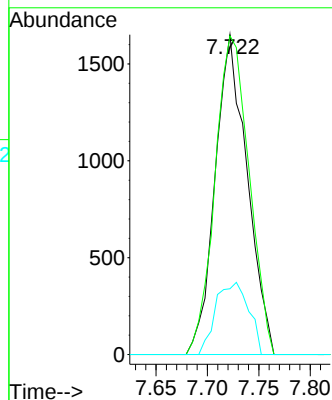
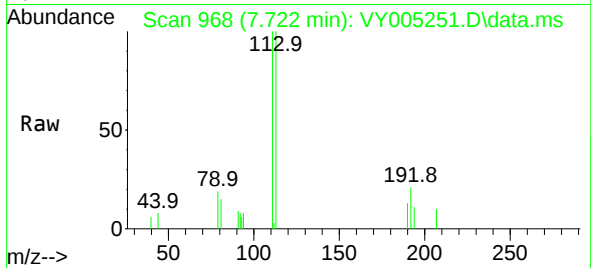




#35
Dibromofluoromethane
Concen: 49.298 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

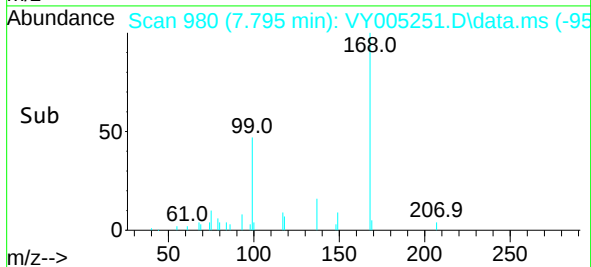
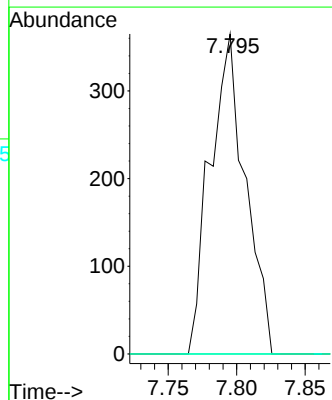
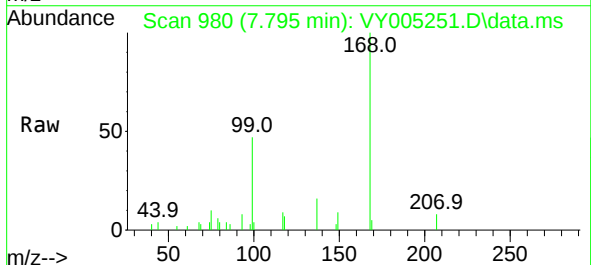
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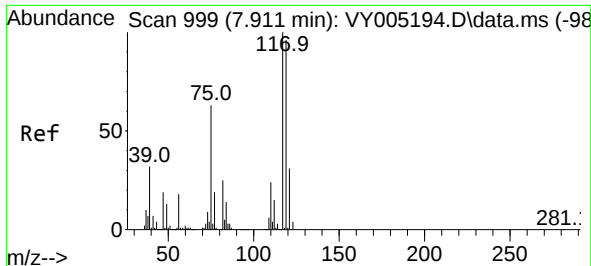
Tgt Ion:113 Resp: 3574
Ion Ratio Lower Upper
113 100
111 106.2 82.6 124.0
192 23.3 20.2 30.2



#36
1,1-Dichloropropene
Concen: 6.032 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion: 75 Resp: 653
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.5#
77 0.0 25.2 37.8#

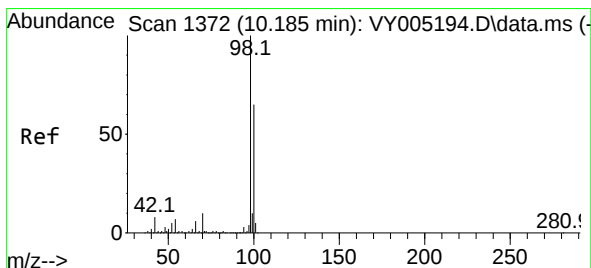
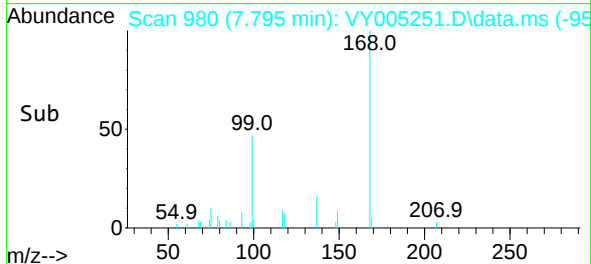
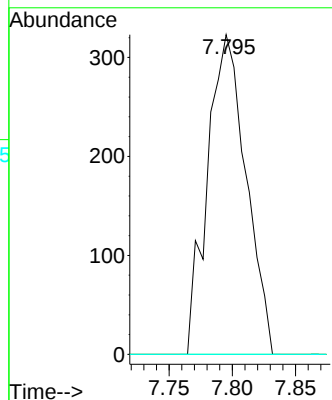
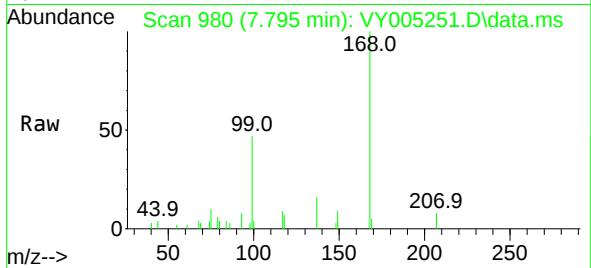




#38
Carbon Tetrachloride
Concen: 6.045 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

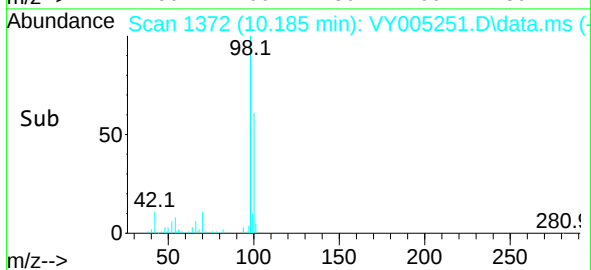
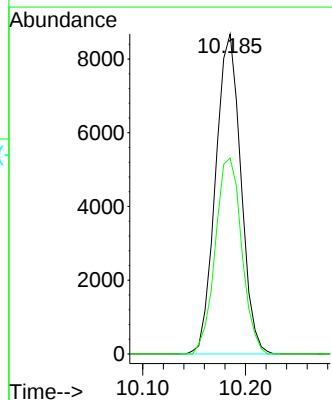
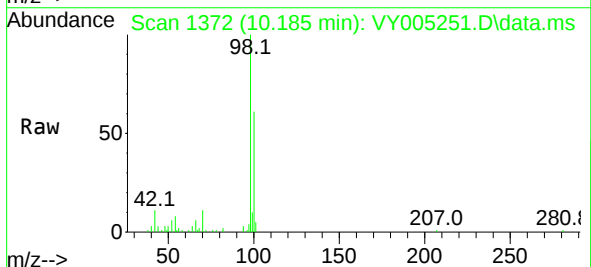
Instrument :
MSVOA_Y
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SB-13-9.5-10.0RE

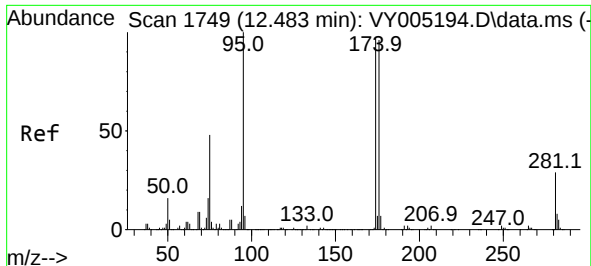
Tgt Ion:117 Resp: 685
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.019 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion: 98 Resp: 14792
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9

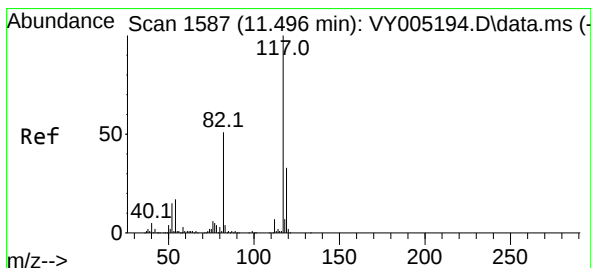
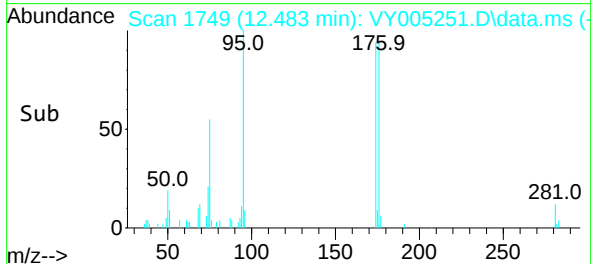
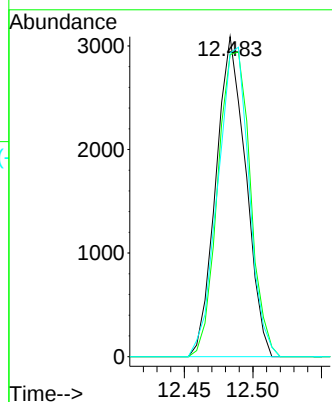
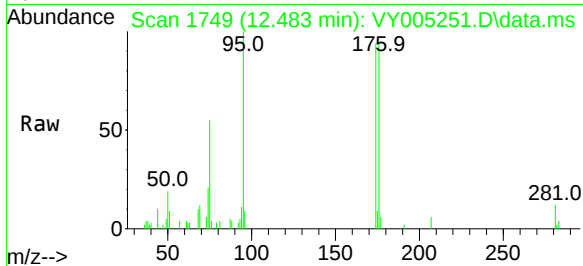




#62
4-Bromofluorobenzene
Concen: 48.389 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

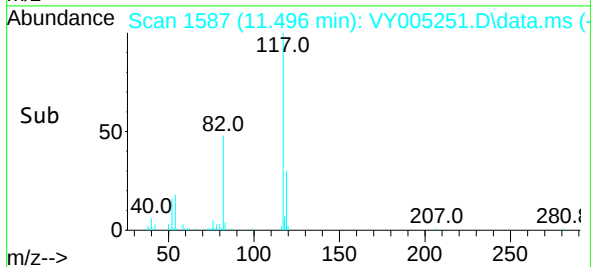
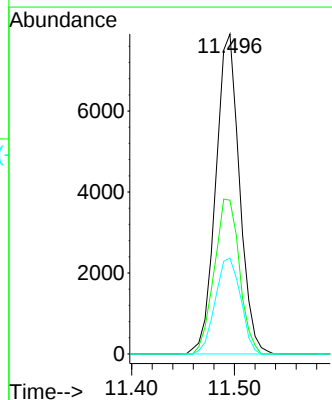
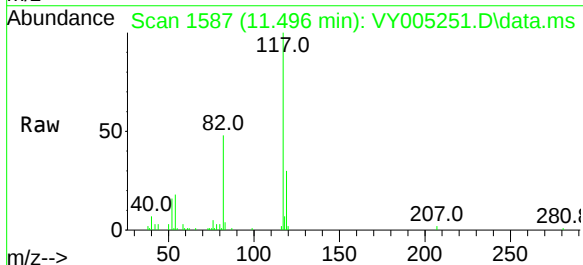
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0RE

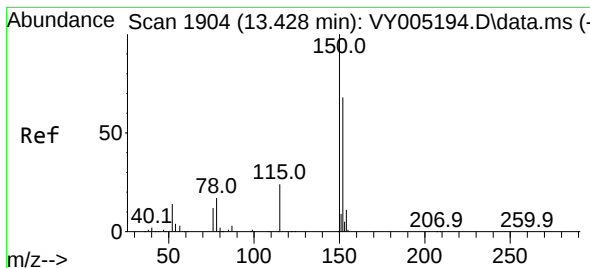
Tgt Ion:	95	Resp:	4675
Ion	Ratio	Lower	Upper
95	100		
174	103.4	0.0	201.6
176	101.6	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005251.D
Acq: 28 Jun 2021 16:00

Tgt Ion:	117	Resp:	12667
Ion	Ratio	Lower	Upper
117	100		
82	48.0	40.6	60.8
119	30.0	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: VY005251.D

Acq: 28 Jun 2021 16:00

Tgt Ion:152 Resp: 5656

Ion Ratio Lower Upper

152 100

115 51.5 26.3 78.8

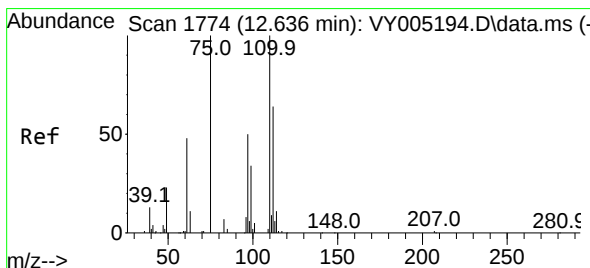
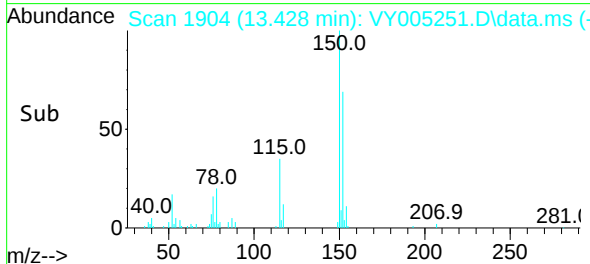
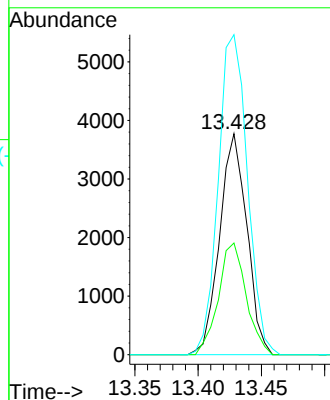
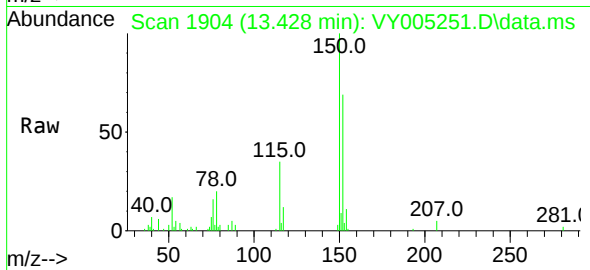
150 154.8 0.0 344.2

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-9.5-10.0RE



#76

1,2,3-Trichloropropane

Concen: 48.861 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY005251.D

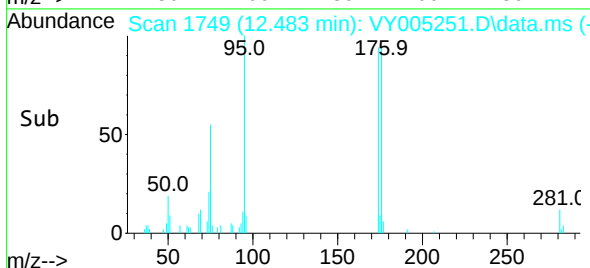
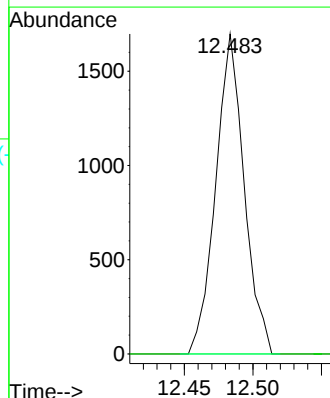
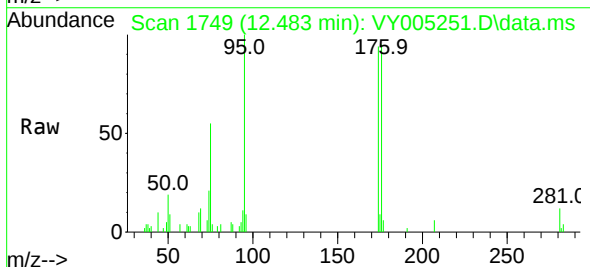
Acq: 28 Jun 2021 16:00

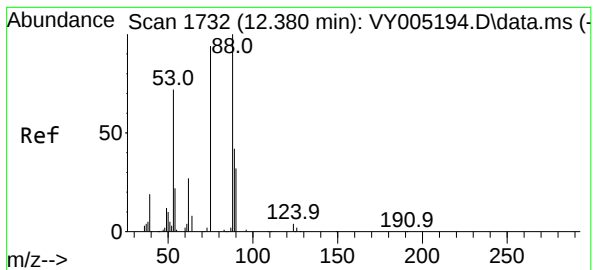
Tgt Ion: 75 Resp: 2451

Ion Ratio Lower Upper

75 100

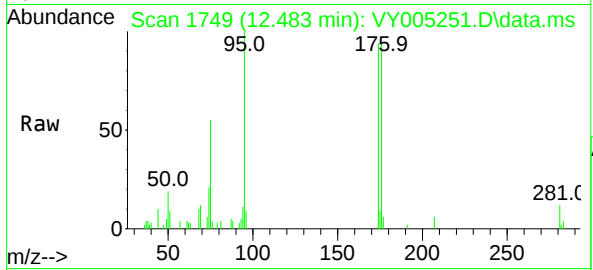
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.164 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005251.D
 Acq: 28 Jun 2021 16:00

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.5-10.0RE



Tgt Ion: 75 Resp: 2451
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.0 94.4#
 89 0.0 38.0 57.0#

