

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005277.D
 Acq On : 29 Jun 2021 15:55
 Operator : SY/MD
 Sample : M2857-05
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 30 04:00:33 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	7490	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5313	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4759	76.57	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.14%
35) Dibromofluoromethane	7.722	113	3643	52.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.64%
50) Toluene-d8	10.185	98	13564	49.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.36%
62) 4-Bromofluorobenzene	12.489	95	4399	47.86	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.72%

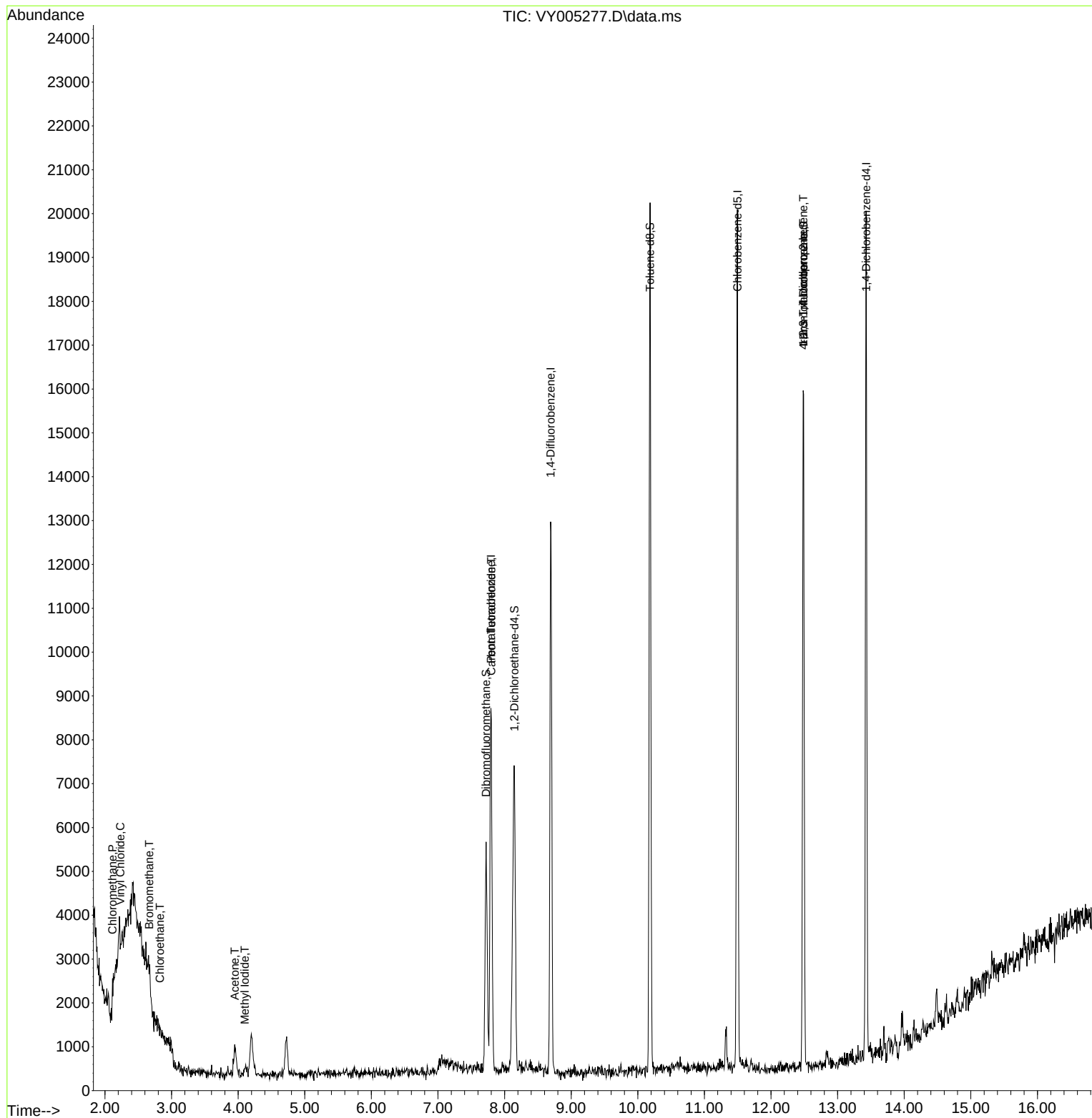
Target Compounds						Qvalue
3) Chloromethane	2.113	50	287	4.38	ug/l #	77
4) Vinyl Chloride	2.229	62	1426	19.01	ug/l #	42
5) Bromomethane	2.662	94	270	5.68	ug/l #	71
6) Chloroethane	2.826	64	113	2.30	ug/l #	42
10) Methyl Iodide	4.101	142	450	5.15	ug/l #	50
16) Acetone	3.948	43	1176	81.90	ug/l #	82
20) Methylene Chloride	4.729	84	639	Below Cal	#	82
38) Carbon Tetrachloride	7.801	117	586	5.44	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	2275	48.28	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2275	90.08	ug/l #	17

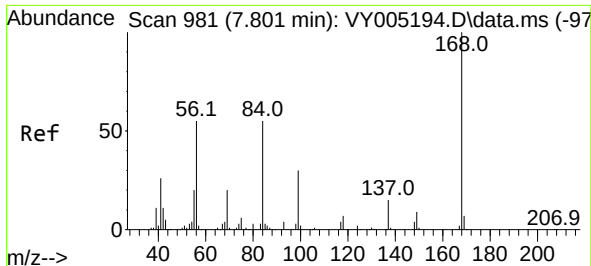
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
Data File : VY005277.D
Acq On : 29 Jun 2021 15:55
Operator : SY/MD
Sample : M2857-05
Misc : 5.01G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jun 30 04:00:33 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

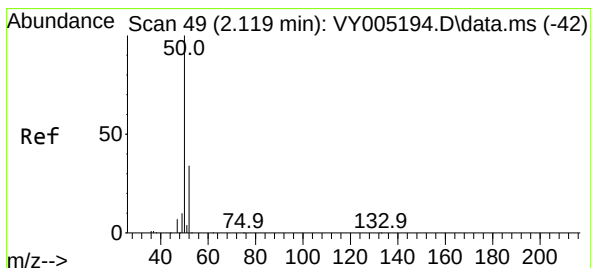
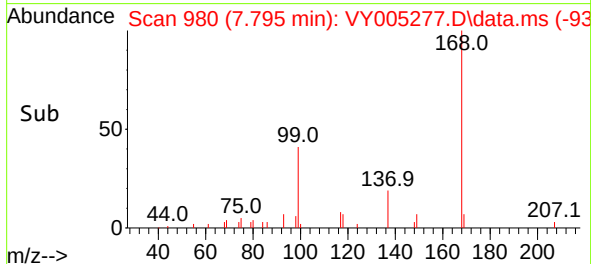
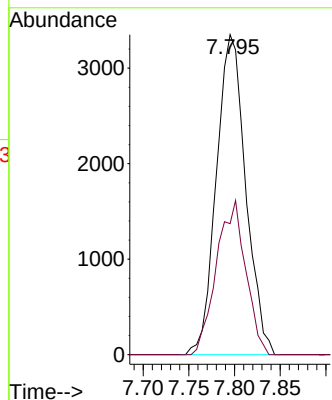
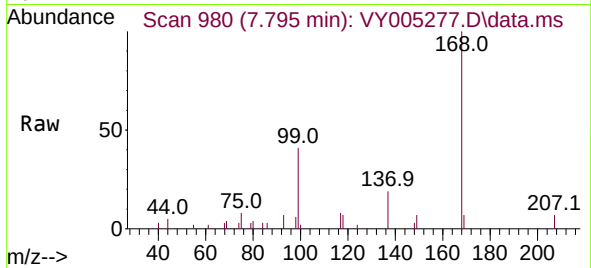




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

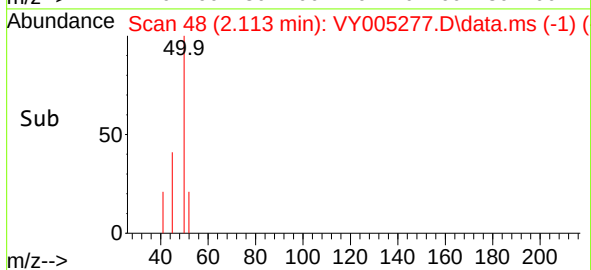
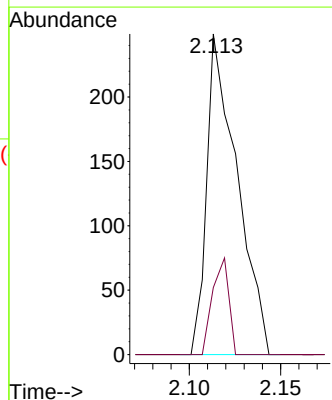
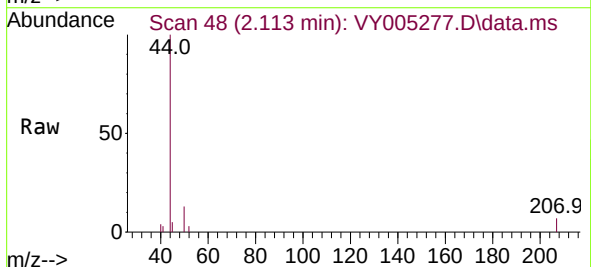
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

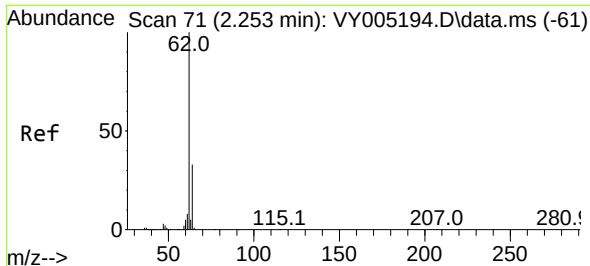
Tgt Ion:168 Resp: 7490
Ion Ratio Lower Upper
168 100
99 40.9 36.2 54.4



#3
Chloromethane
Concen: 4.38 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion: 50 Resp: 287
Ion Ratio Lower Upper
50 100
52 20.9 27.4 41.2#

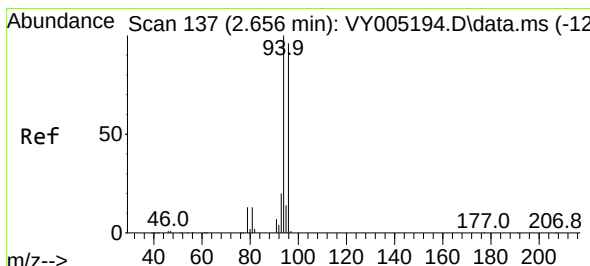
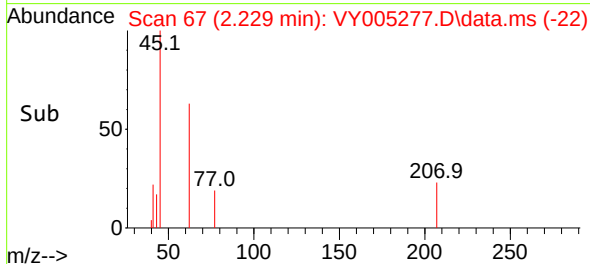
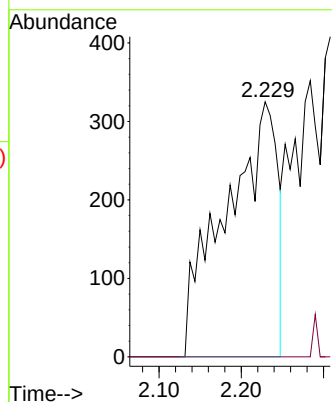
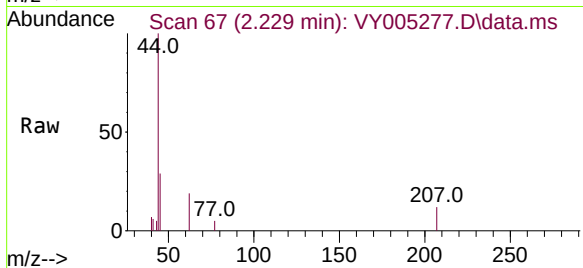




#4
 Vinyl Chloride
 Concen: 19.01 ug/l
 RT: 2.229 min Scan# 67
 Delta R.T. -0.024 min
 Lab File: VY005277.D
 Acq: 29 Jun 2021 15:55

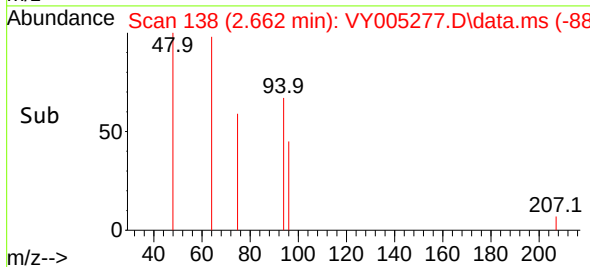
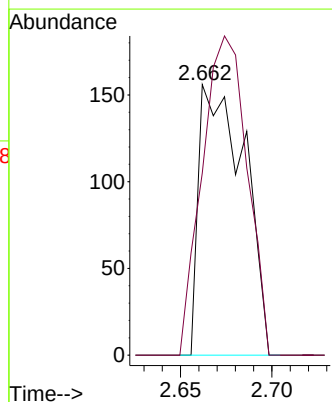
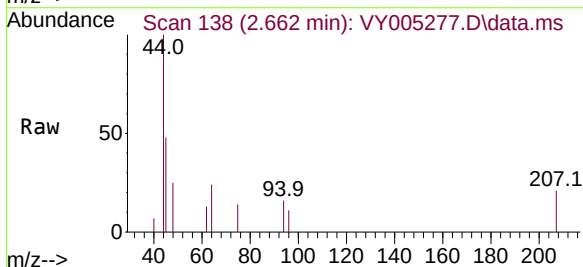
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-13-9.5-10.0

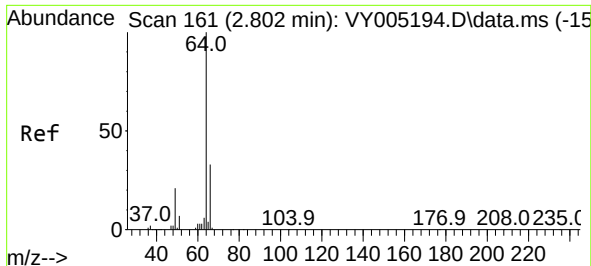
Tgt Ion: 62 Resp: 1426
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 5.68 ug/l
 RT: 2.662 min Scan# 138
 Delta R.T. 0.006 min
 Lab File: VY005277.D
 Acq: 29 Jun 2021 15:55

Tgt Ion: 94 Resp: 270
 Ion Ratio Lower Upper
 94 100
 96 67.3 76.9 115.3#

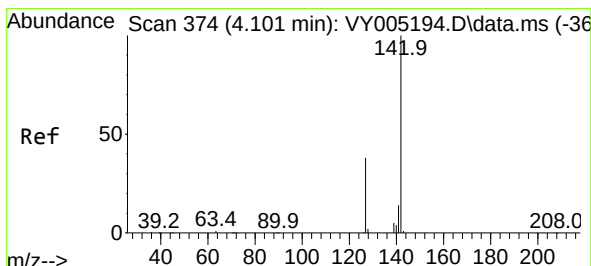
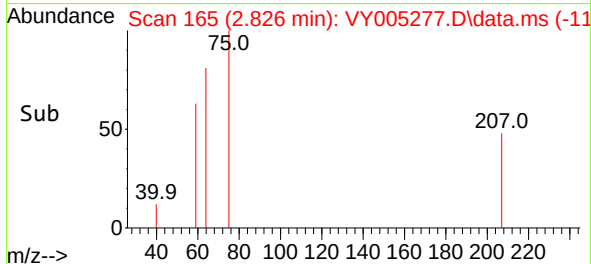
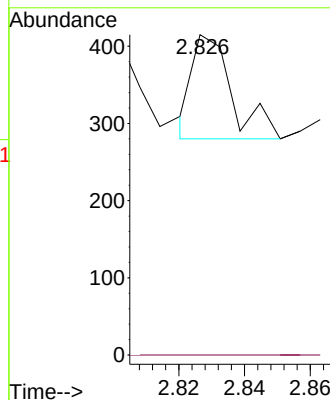
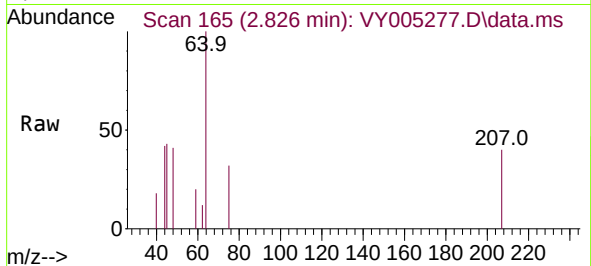




#6
Chloroethane
Concen: 2.30 ug/l
RT: 2.826 min Scan# 165
Delta R.T. 0.024 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

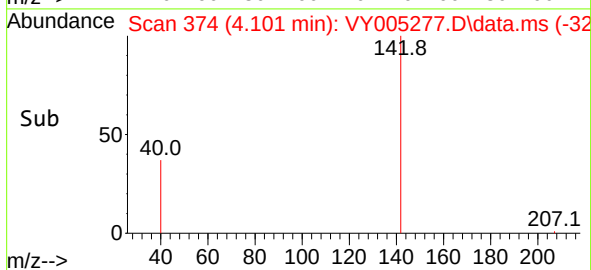
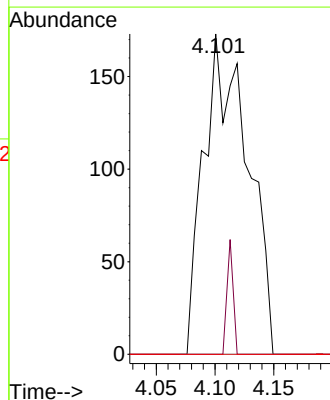
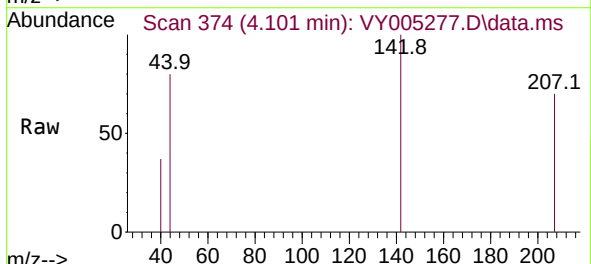
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

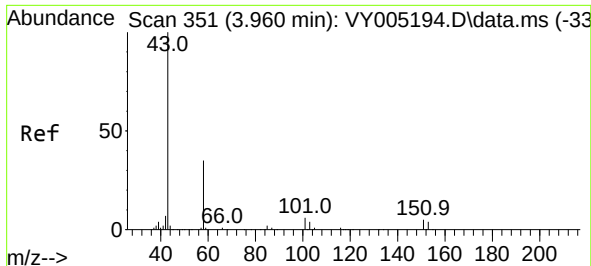
Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 5.15 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion: 142 Resp: 450
Ion Ratio Lower Upper
142 100
127 5.1 31.3 46.9#
141 0.0 11.3 16.9#

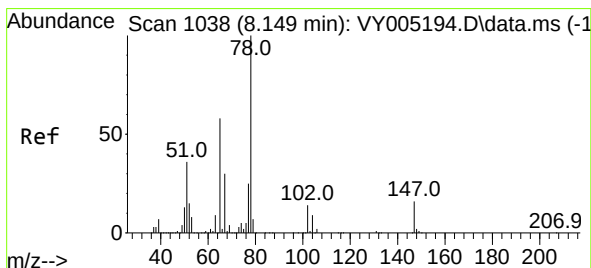
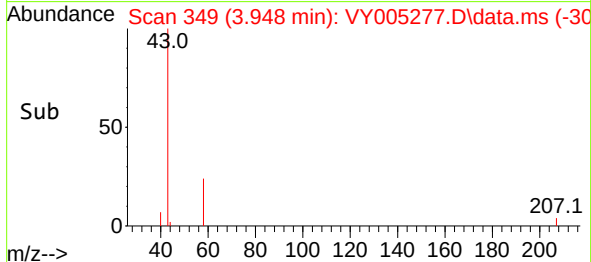
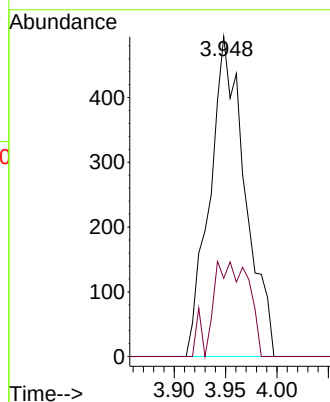
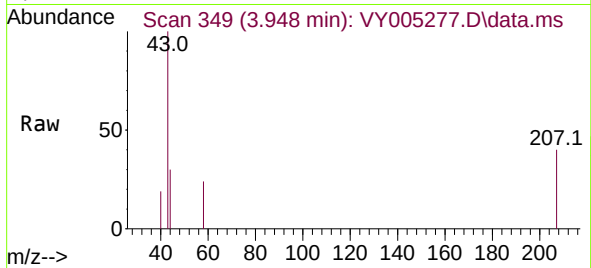




#16
Acetone
Concen: 81.90 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

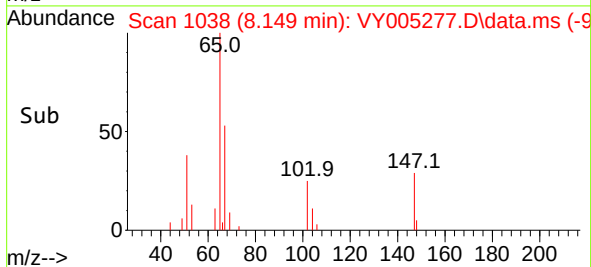
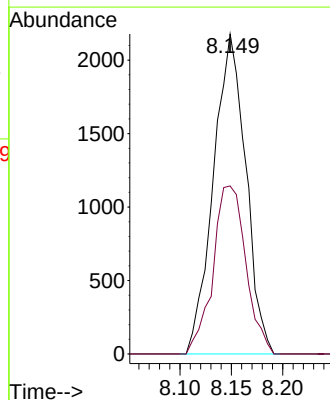
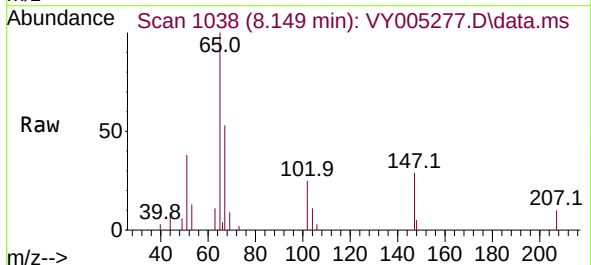
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

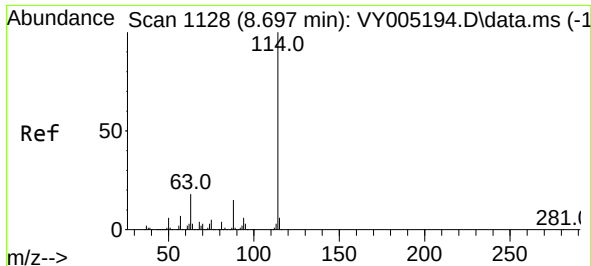
Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
58 24.5 28.2 42.2#



#33
1,2-Dichloroethane-d4
Concen: 76.57 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion: 65 Resp: 4759
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6

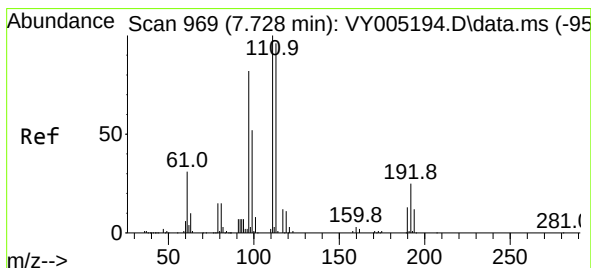
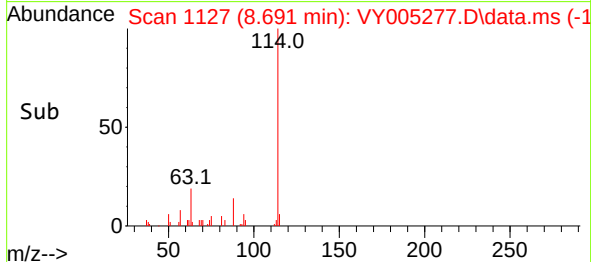
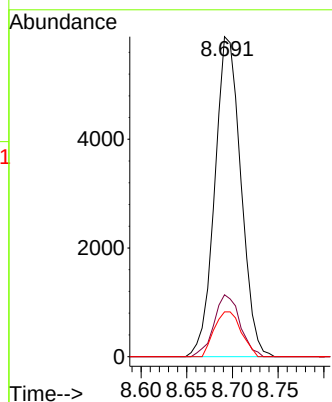
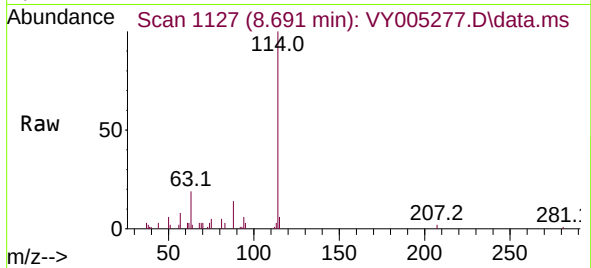




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

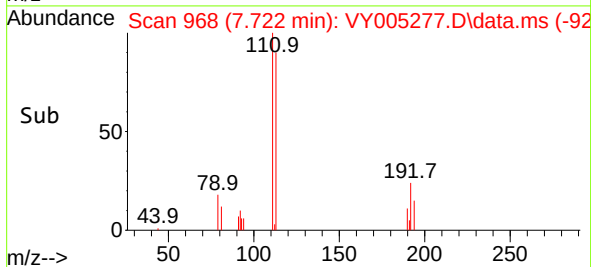
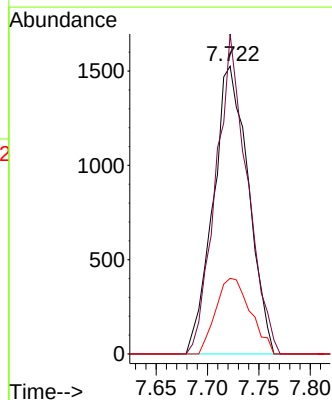
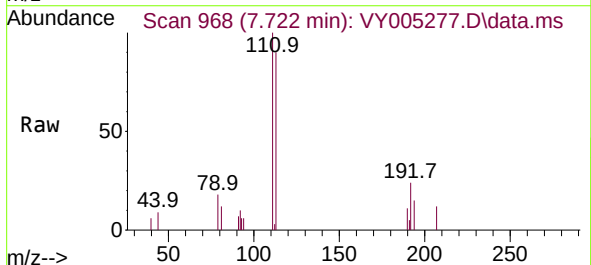
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

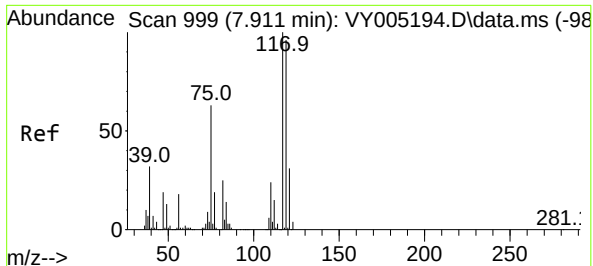
Tgt Ion:	114	Resp:	11695
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	35.2
88	14.0	0.0	29.4



#35
Dibromofluoromethane
Concen: 52.82 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion:	113	Resp:	3643
Ion Ratio	Lower	Upper	
113	100		
111	99.2	82.6	124.0
192	25.9	20.2	30.2

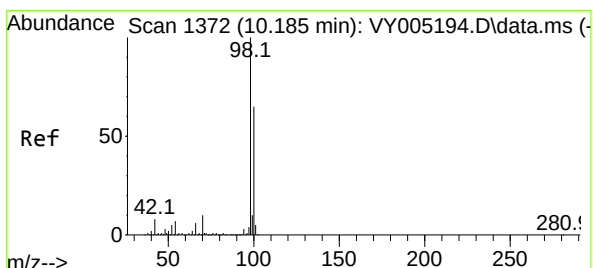
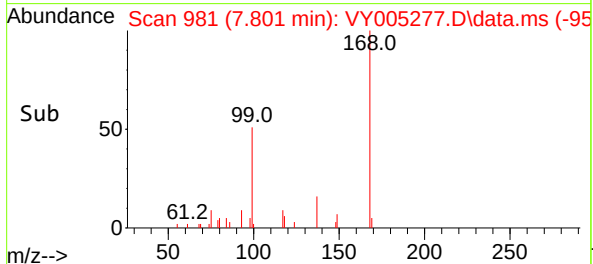
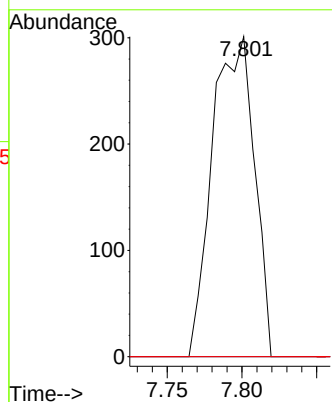
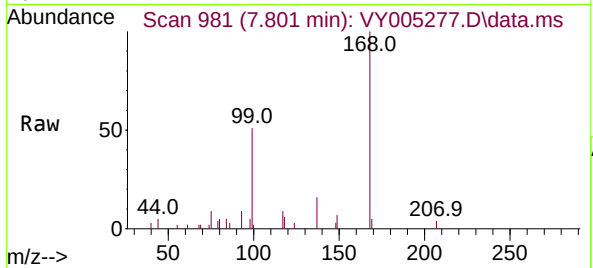




#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

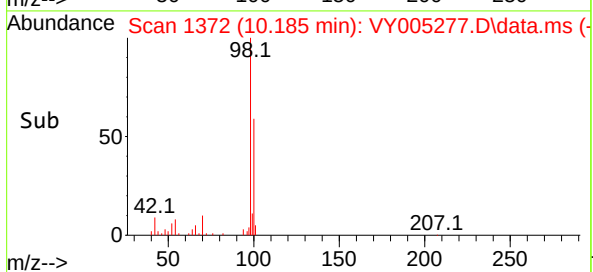
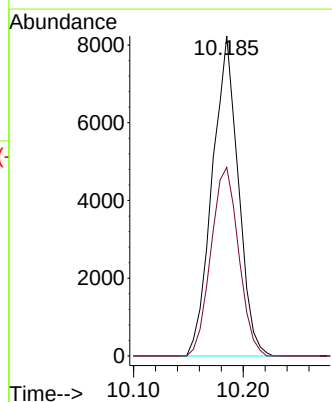
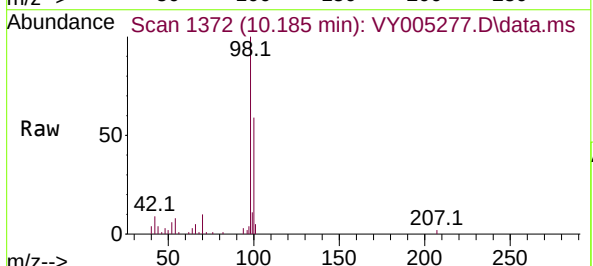
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

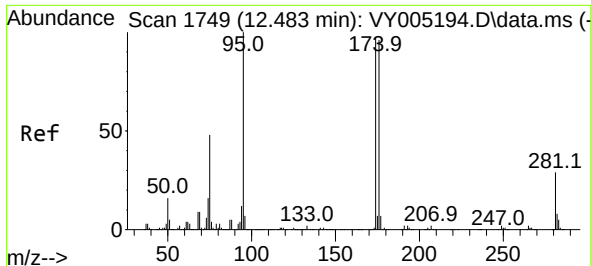
Tgt Ion:117 Resp: 586
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.18 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion: 98 Resp: 13564
Ion Ratio Lower Upper
98 100
100 62.6 51.9 77.9

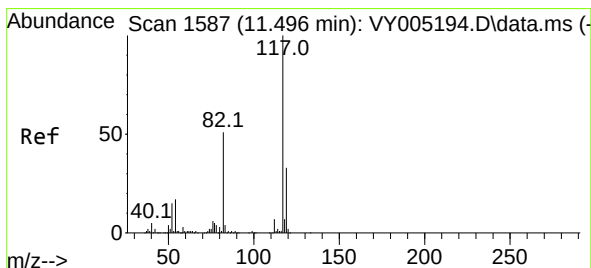
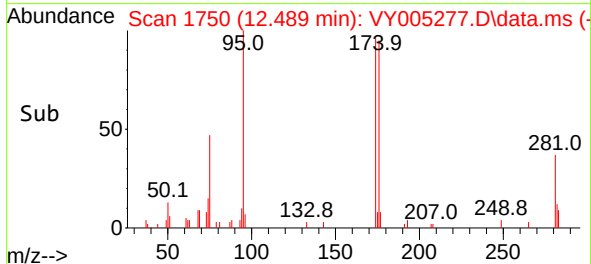
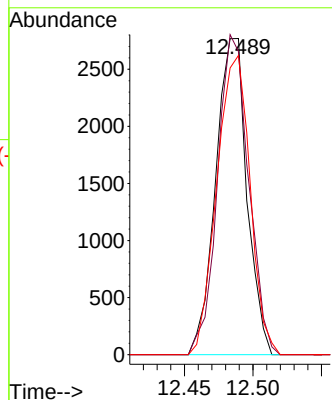
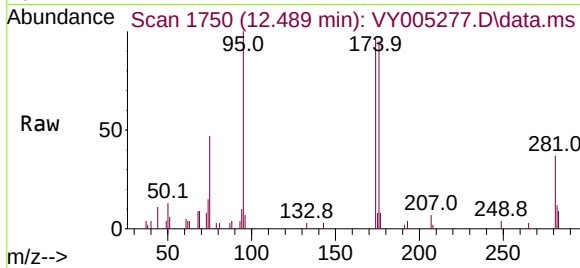




#62
4-Bromofluorobenzene
Concen: 47.86 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

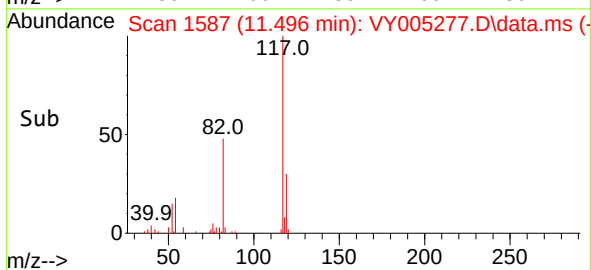
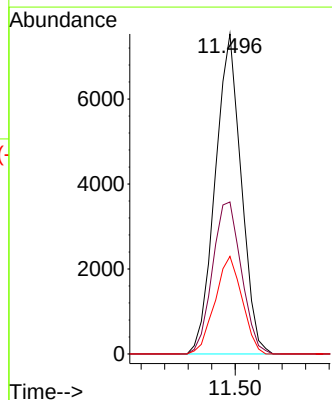
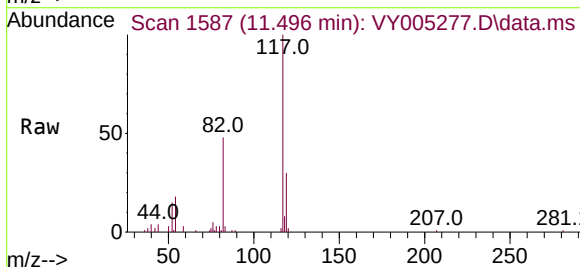
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

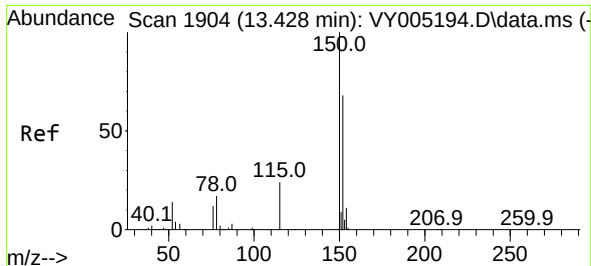
Tgt Ion:	95	Resp:	4399
Ion Ratio	Lower	Upper	
95	100		
174	100.7	0.0	201.6
176	100.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion:	117	Resp:	11579
Ion Ratio	Lower	Upper	
117	100		
82	47.5	40.6	60.8
119	30.5	26.1	39.1

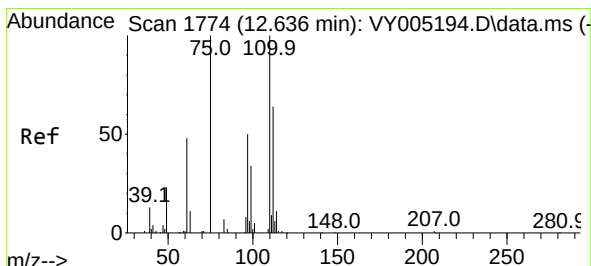
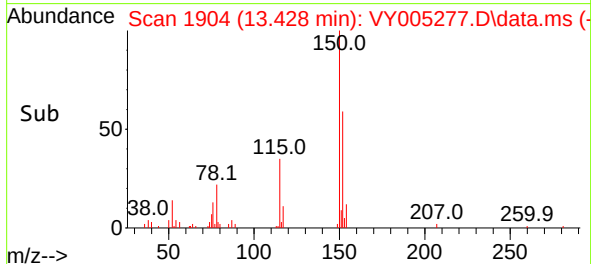
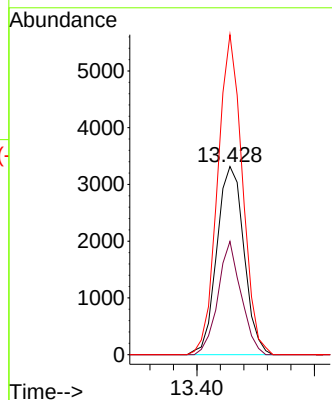
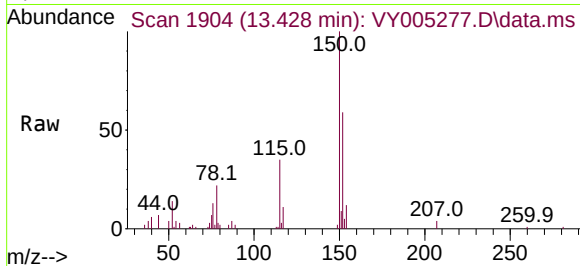




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

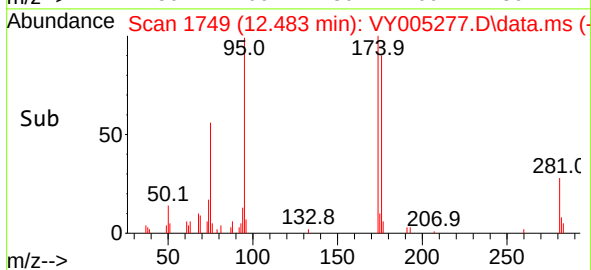
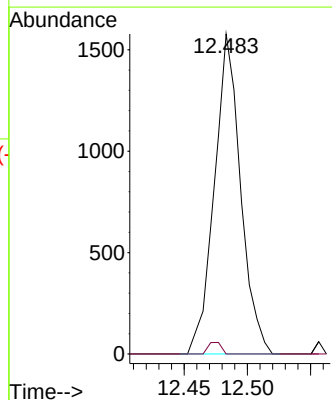
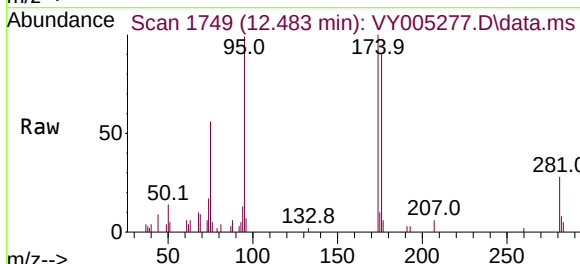
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.5-10.0

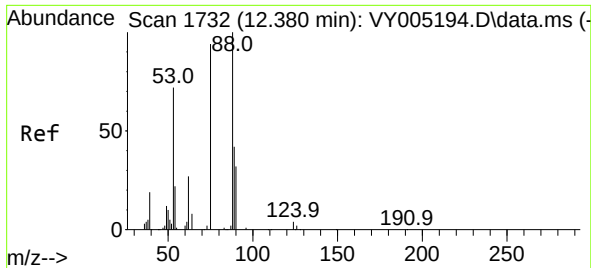
Tgt Ion:152 Resp: 5313
Ion Ratio Lower Upper
152 100
115 51.3 26.3 78.8
150 155.5 0.0 344.2



#76
1,2,3-Trichloropropane
Concen: 48.28 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005277.D
Acq: 29 Jun 2021 15:55

Tgt Ion: 75 Resp: 2275
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.08 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005277.D
 Acq: 29 Jun 2021 15:55

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

Tgt Ion:	75	Resp:	2275
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#

