

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004891.D
 Acq On : 27 May 2021 11:17
 Operator : SY/MD
 Sample : VY0527SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0527SBL01

Quant Time: May 27 14:23:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

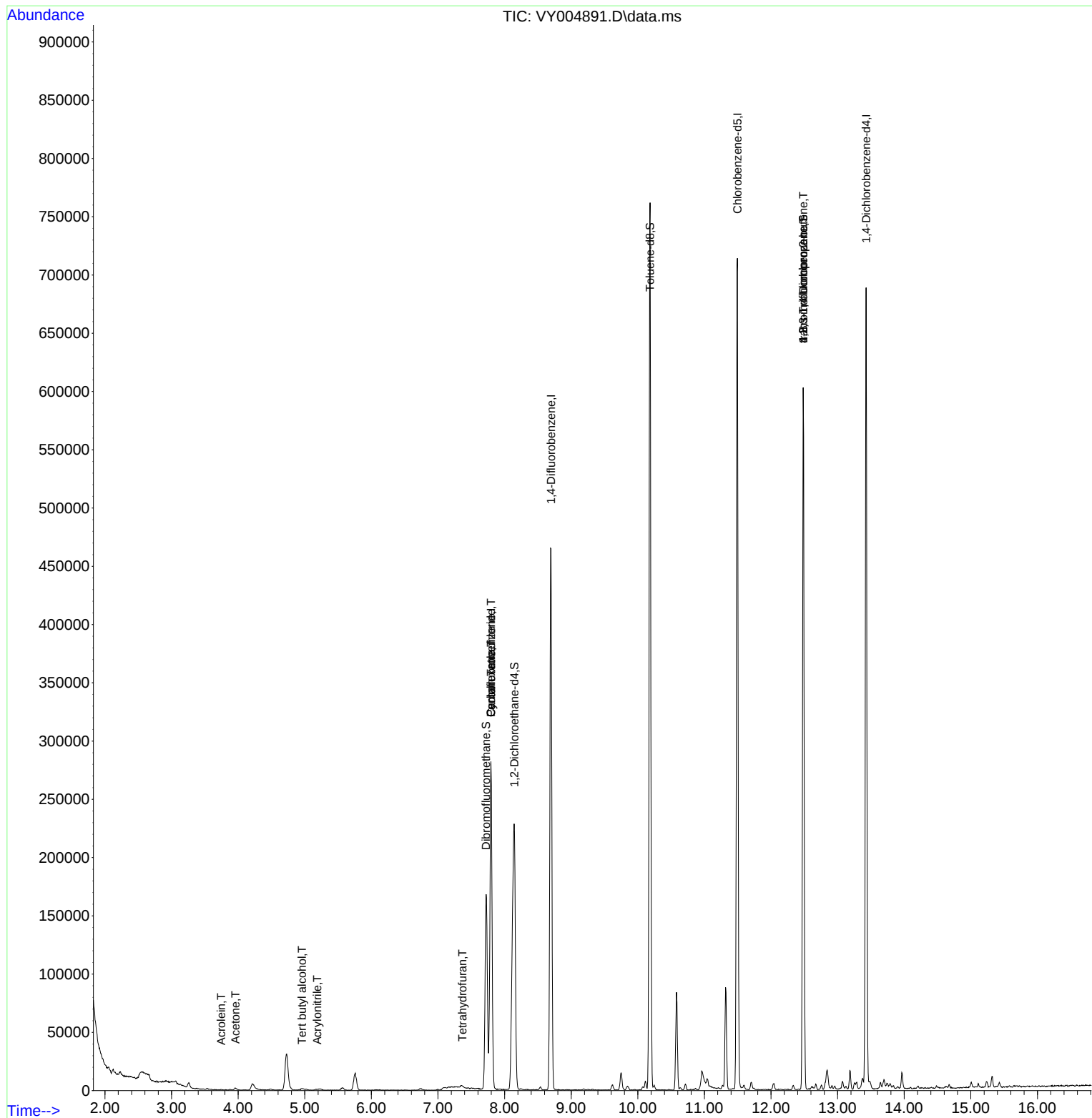
Internal Standards						
1) Pentafluorobenzene	7.795	168	208106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	393224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	379264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	168408	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	139161	56.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.36%
35) Dibromofluoromethane	7.722	113	122314	56.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.64%
50) Toluene-d8	10.185	98	484014	49.77	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.54%
62) 4-Bromofluorobenzene	12.483	95	166832	50.83	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.66%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	2730	10.97	ug/l #	82
13) Acrolein	3.747	56	295	1.01	ug/l #	75
15) Acrylonitrile	5.186	53	948	1.43	ug/l #	79
16) Acetone	3.960	43	2953	5.31	ug/l	97
29) Tetrahydrofuran	7.368	42	1244	1.97	ug/l #	83
31) Cyclohexane	7.795	56	5165	1.29	ug/l #	1
38) Carbon Tetrachloride	7.795	117	21281	5.88	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	91234	51.00	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	91234	88.44	ug/l #	13

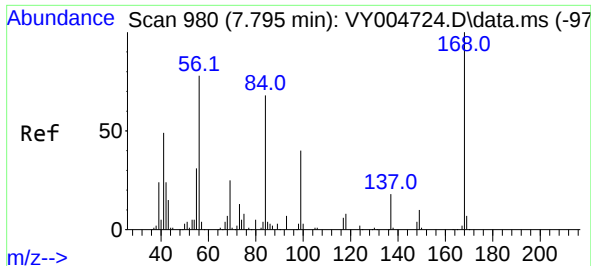
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
Data File : VY004891.D
Acq On : 27 May 2021 11:17
Operator : SY/MD
Sample : VY0527SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

Quant Time: May 27 14:23:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:13:44 2021
Response via : Initial Calibration

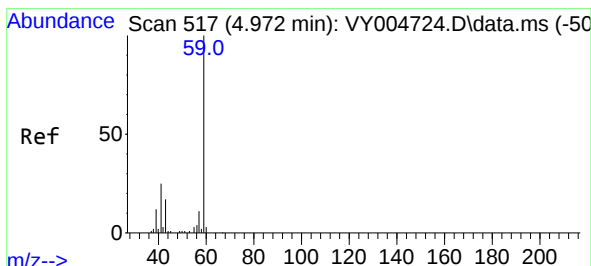
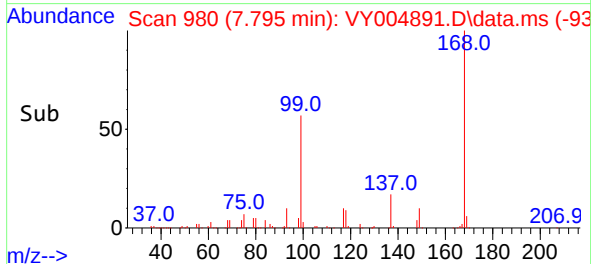
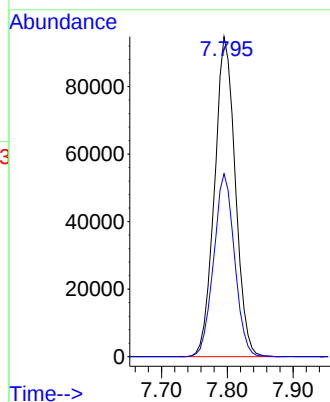
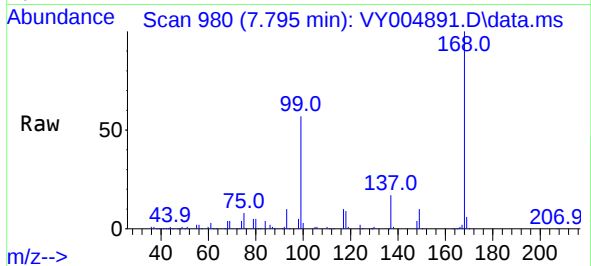




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

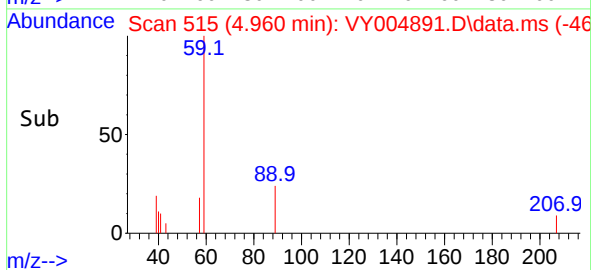
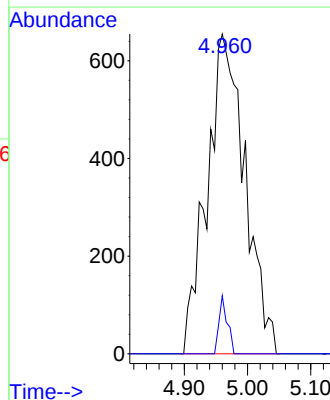
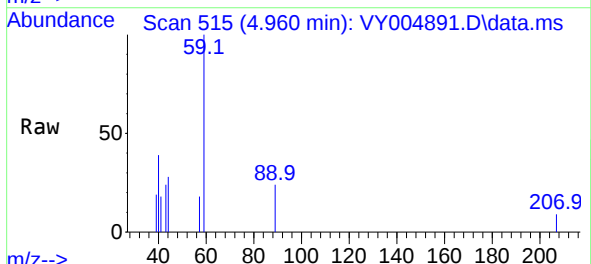
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

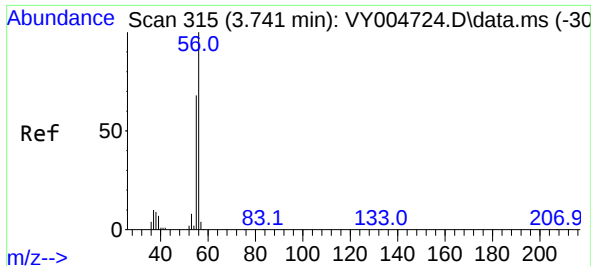
Tgt Ion:168 Resp: 208106
Ion Ratio Lower Upper
168 100
99 57.1 45.6 68.4



#11
Tert butyl alcohol
Concen: 10.97 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Tgt Ion: 59 Resp: 2730
Ion Ratio Lower Upper
59 100
57 4.0 8.7 13.1#

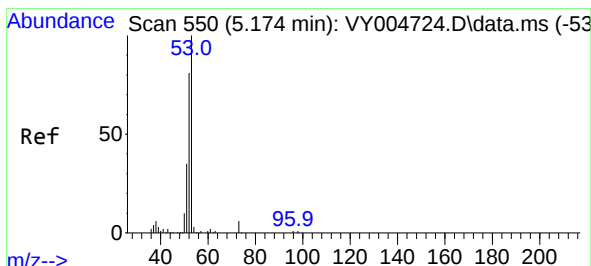
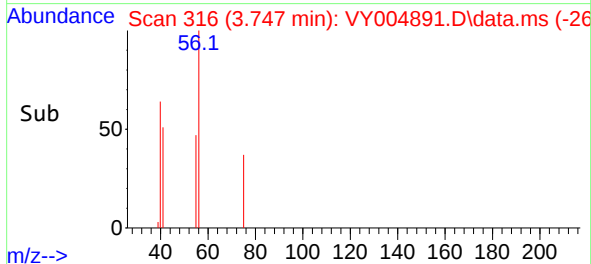
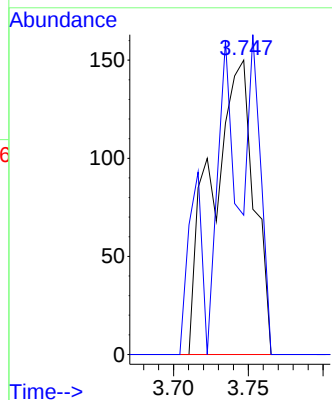
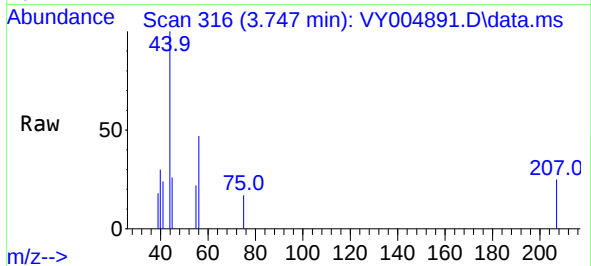




#13
Acrolein
Concen: 1.01 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

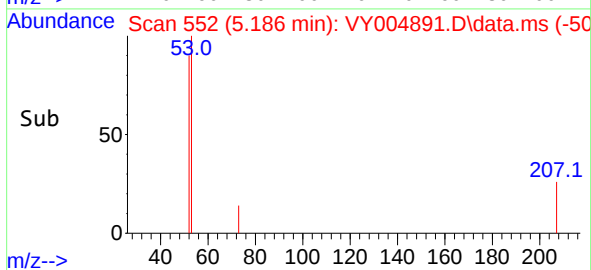
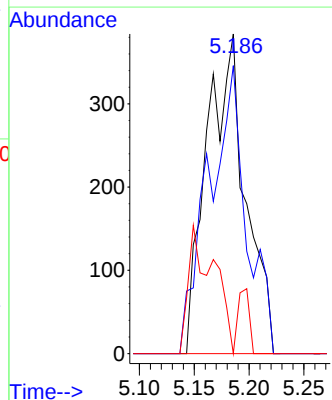
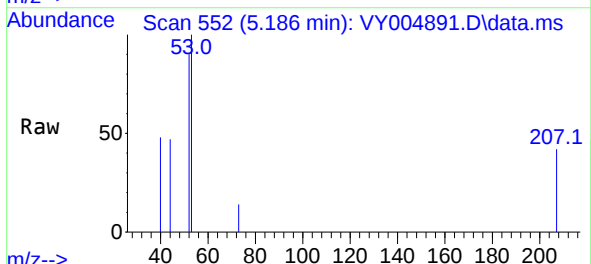
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

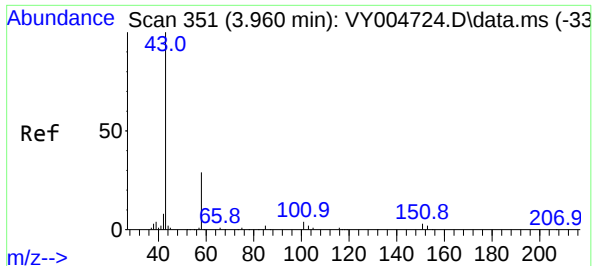
Tgt Ion: 56 Resp: 295
Ion Ratio Lower Upper
56 100
55 48.5 55.3 82.9#



#15
Acrylonitrile
Concen: 1.43 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.012 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

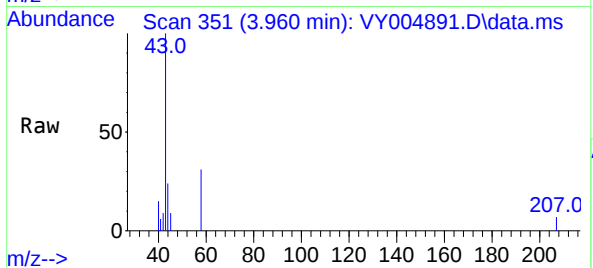
Tgt Ion: 53 Resp: 948
Ion Ratio Lower Upper
53 100
52 87.7 65.0 97.6
51 5.8 29.3 43.9#



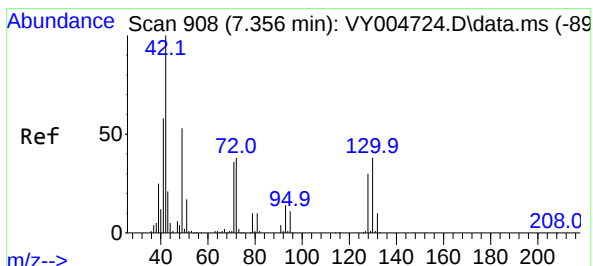
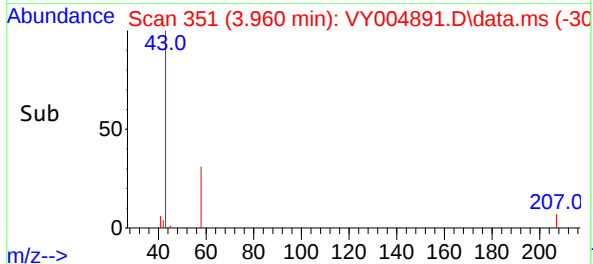
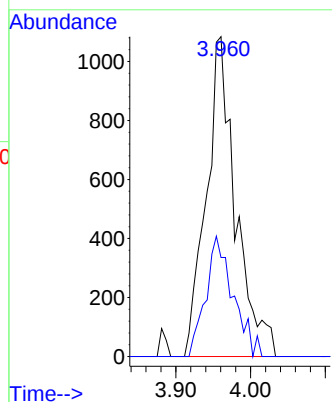


#16
Acetone
Concen: 5.31 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

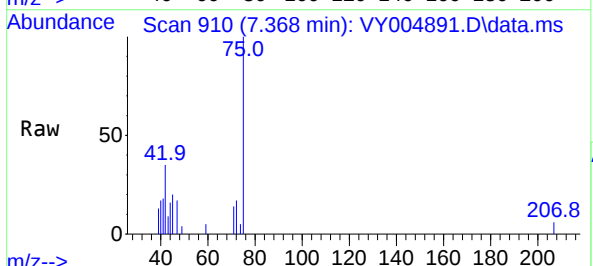
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01



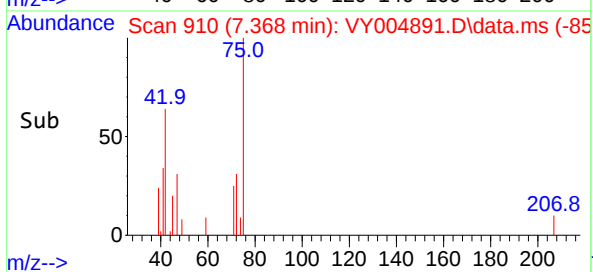
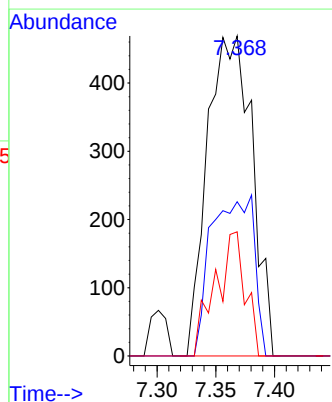
Tgt Ion: 43 Resp: 2953
Ion Ratio Lower Upper
43 100
58 31.0 23.6 35.4

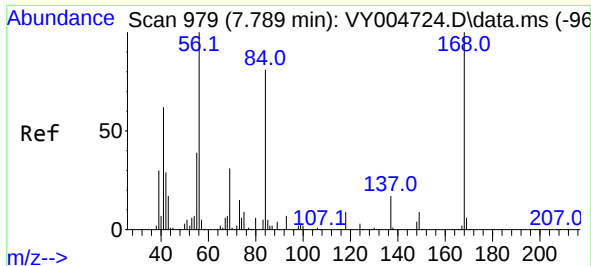


#29
Tetrahydrofuran
Concen: 1.97 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17



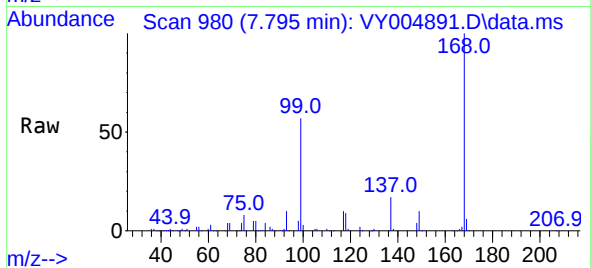
Tgt Ion: 42 Resp: 1244
Ion Ratio Lower Upper
42 100
72 47.7 29.4 44.0#
71 25.9 28.0 42.0#



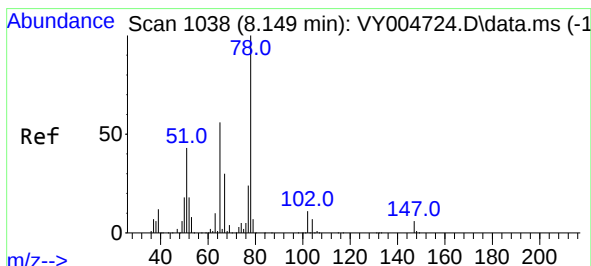
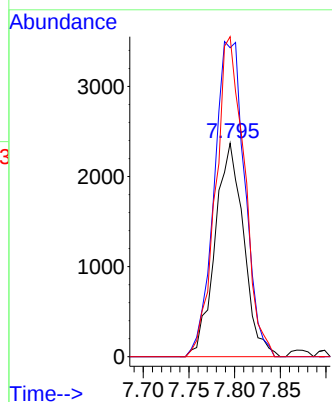
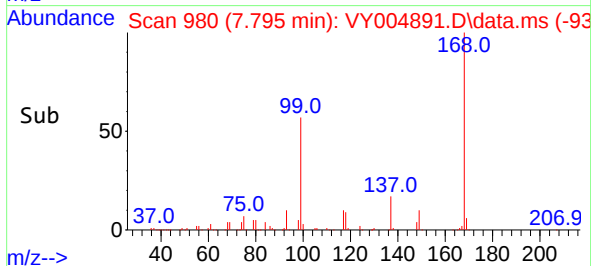


#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

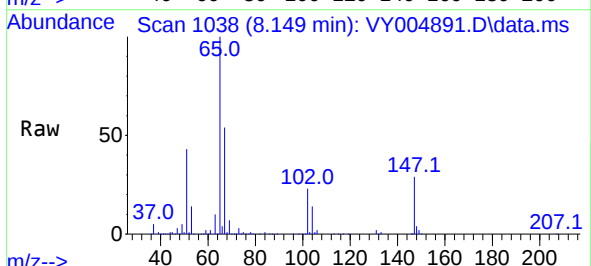
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01



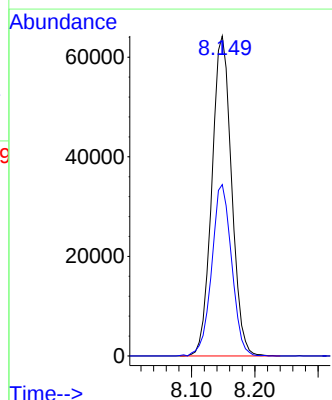
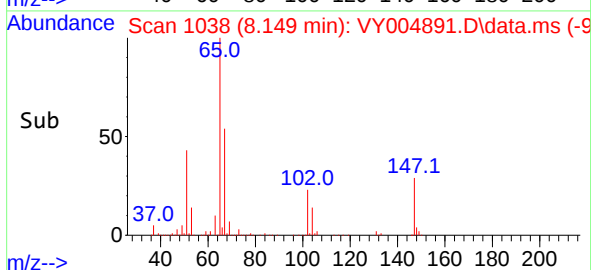
Tgt Ion: 56 Resp: 5165
Ion Ratio Lower Upper
56 100
69 144.8 24.4 36.6#
84 150.0 64.8 97.2#

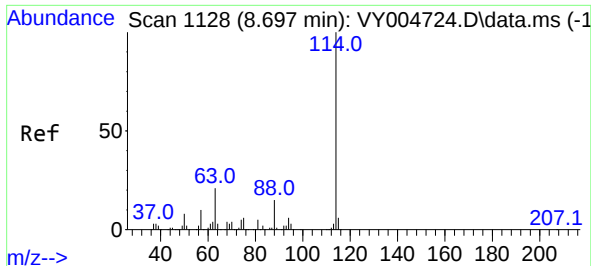


#33
1,2-Dichloroethane-d4
Concen: 56.18 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17



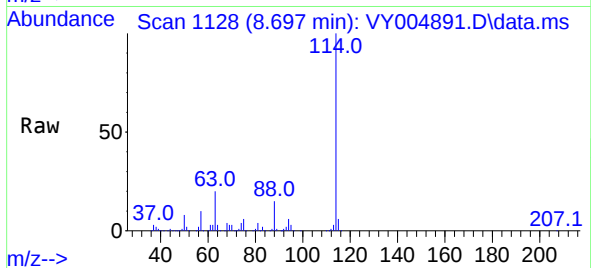
Tgt Ion: 65 Resp: 139161
Ion Ratio Lower Upper
65 100
67 54.1 0.0 108.0





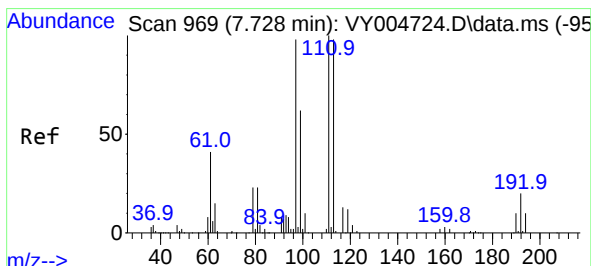
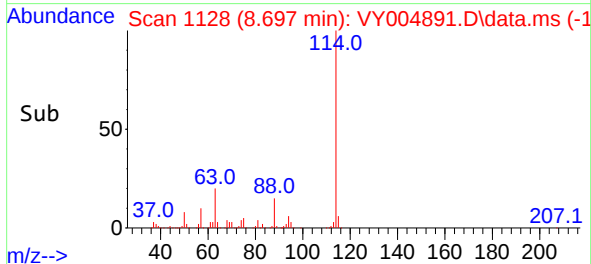
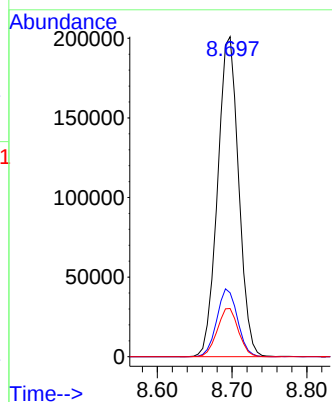
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01



Tgt Ion:114 Resp: 393224

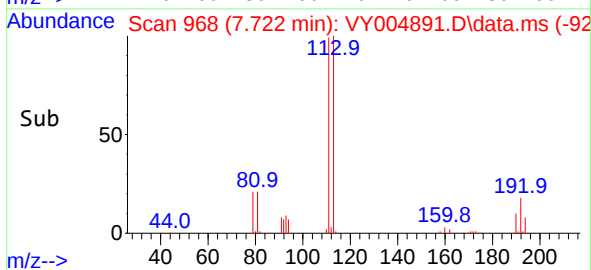
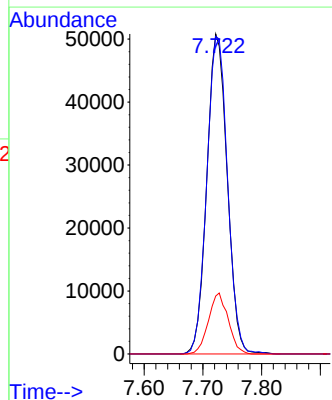
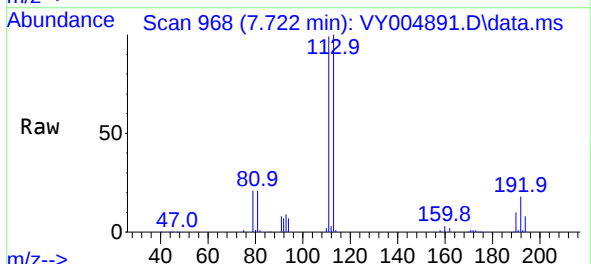
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.8
88	15.1	0.0	31.0

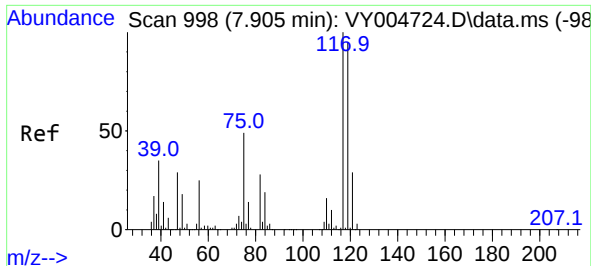


#35
Dibromofluoromethane
Concen: 56.82 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Tgt Ion:113 Resp: 122314

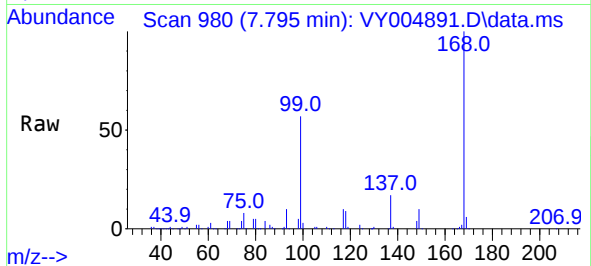
Ion	Ratio	Lower	Upper
113	100		
111	101.1	80.5	120.7
192	18.5	15.0	22.6



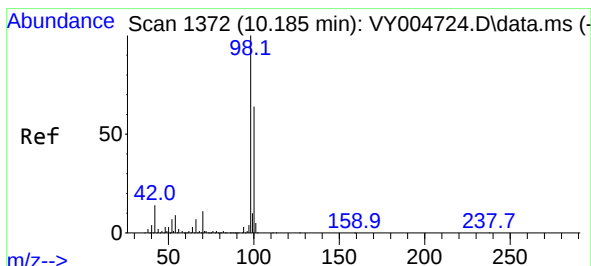
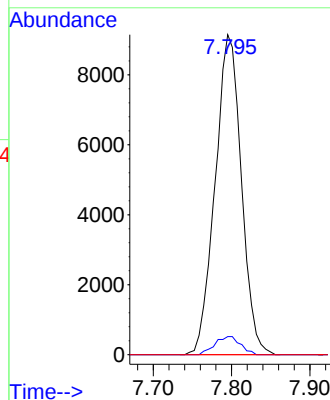
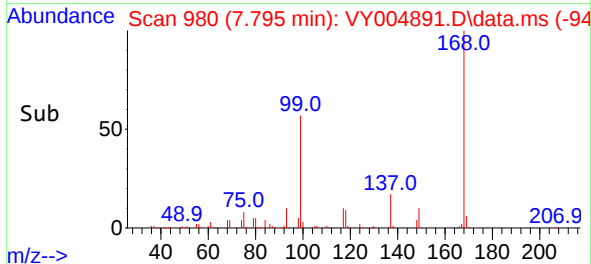


#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

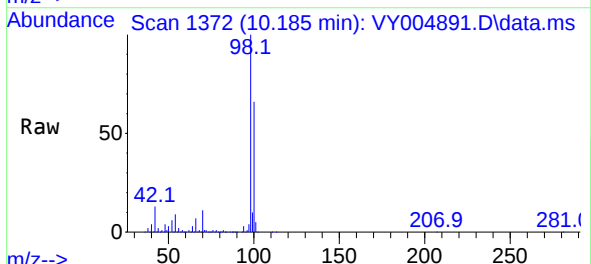
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01



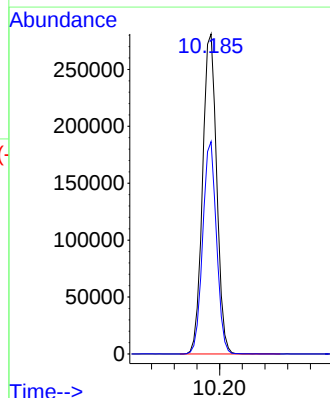
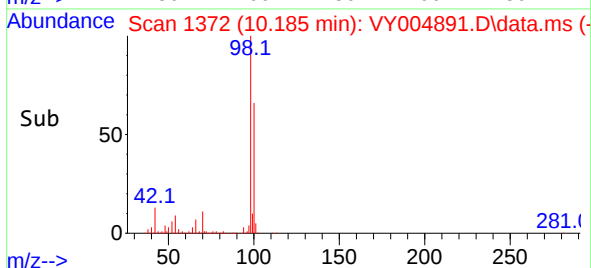
Tgt Ion:117 Resp: 21281
Ion Ratio Lower Upper
117 100
119 5.7 76.3 114.5#
121 0.0 23.0 34.6#

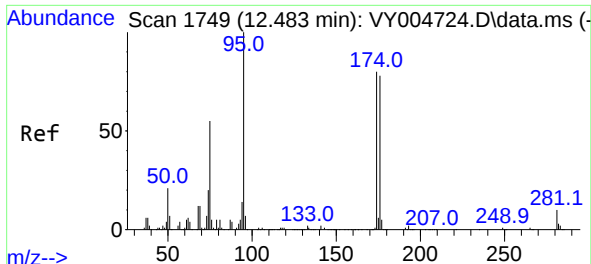


#50
Toluene-d8
Concen: 49.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17



Tgt Ion: 98 Resp: 484014
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3

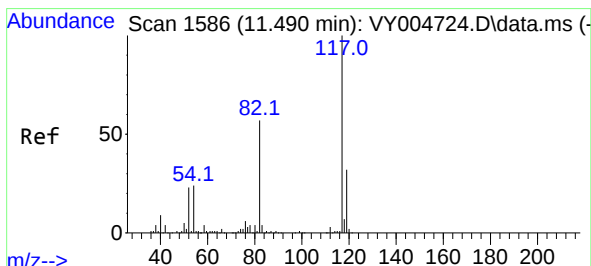
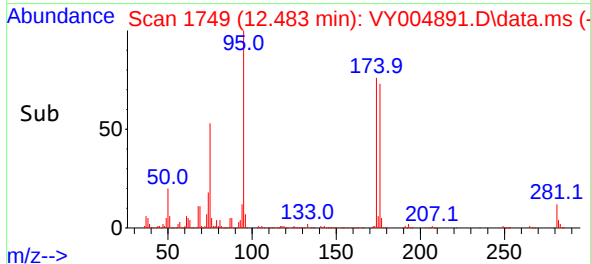
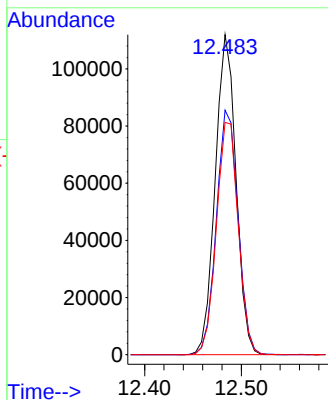
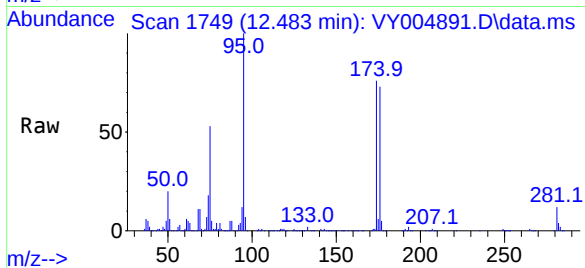




#62
4-Bromofluorobenzene
Concen: 50.83 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

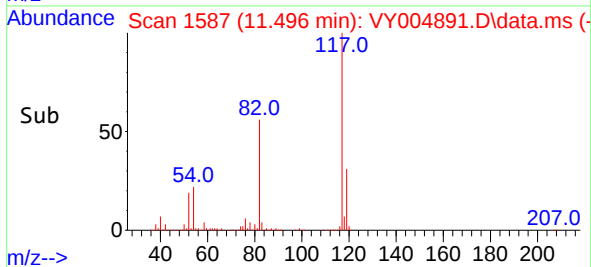
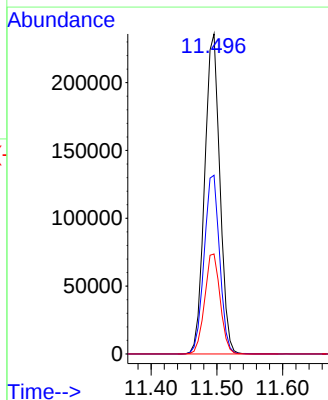
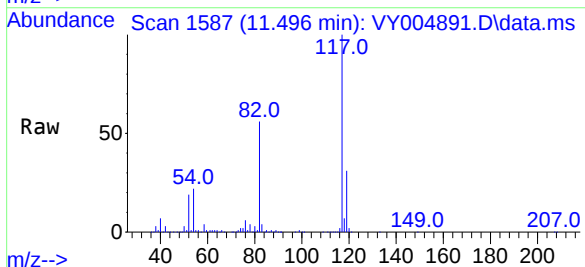
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

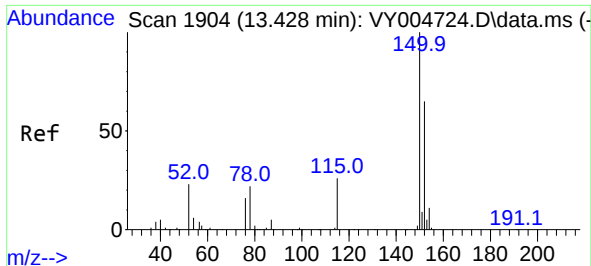
Tgt Ion:	95	Resp:	166832
Ion Ratio	Lower	Upper	
95	100		
174	79.7	0.0	164.2
176	76.4	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Tgt Ion:	117	Resp:	379264
Ion Ratio	Lower	Upper	
117	100		
82	55.8	45.4	68.2
119	31.3	25.8	38.6

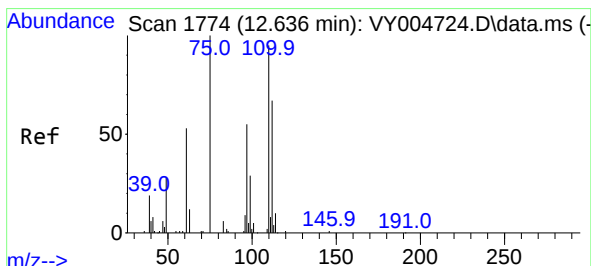
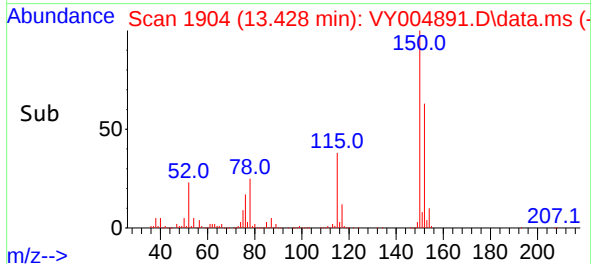
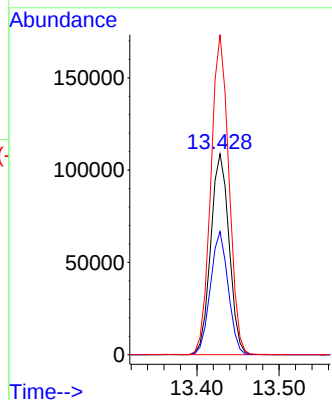
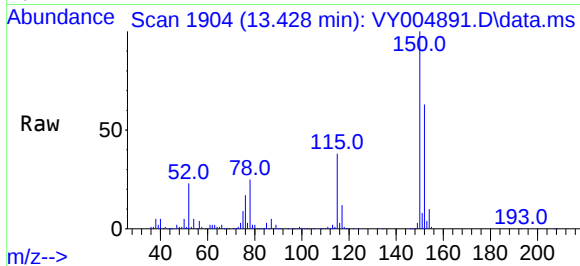




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

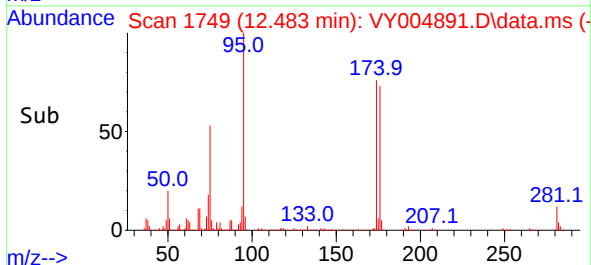
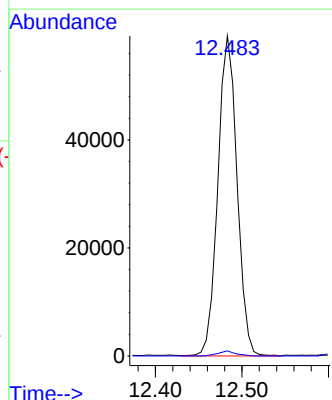
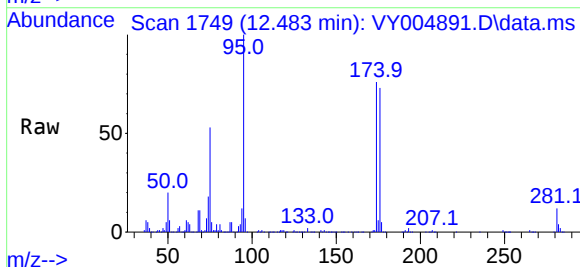
Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01

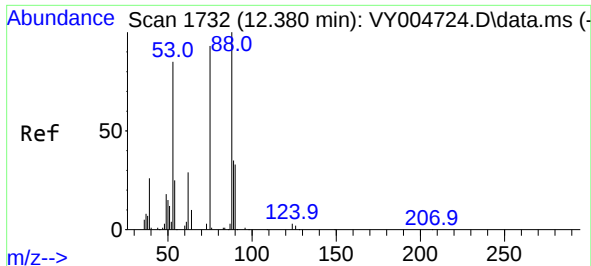
Tgt Ion:152 Resp: 168408
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 156.8 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 51.00 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

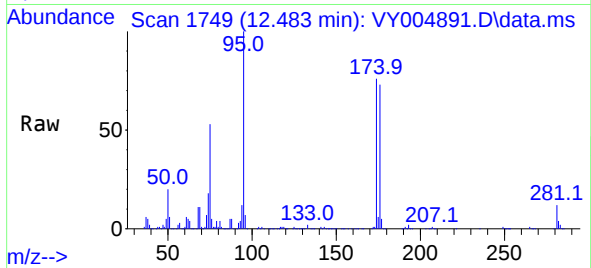
Tgt Ion: 75 Resp: 91234
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 88.44 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004891.D
Acq: 27 May 2021 11:17

Instrument :
MSVOA_Y
ClientSampleId :
VY0527SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.5	35.5	53.3#

