

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004827.D
 Acq On : 18 May 2021 15:28
 Operator : SY/MD
 Sample : M2413-05RE
 Misc : 8.79G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:04:29 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)

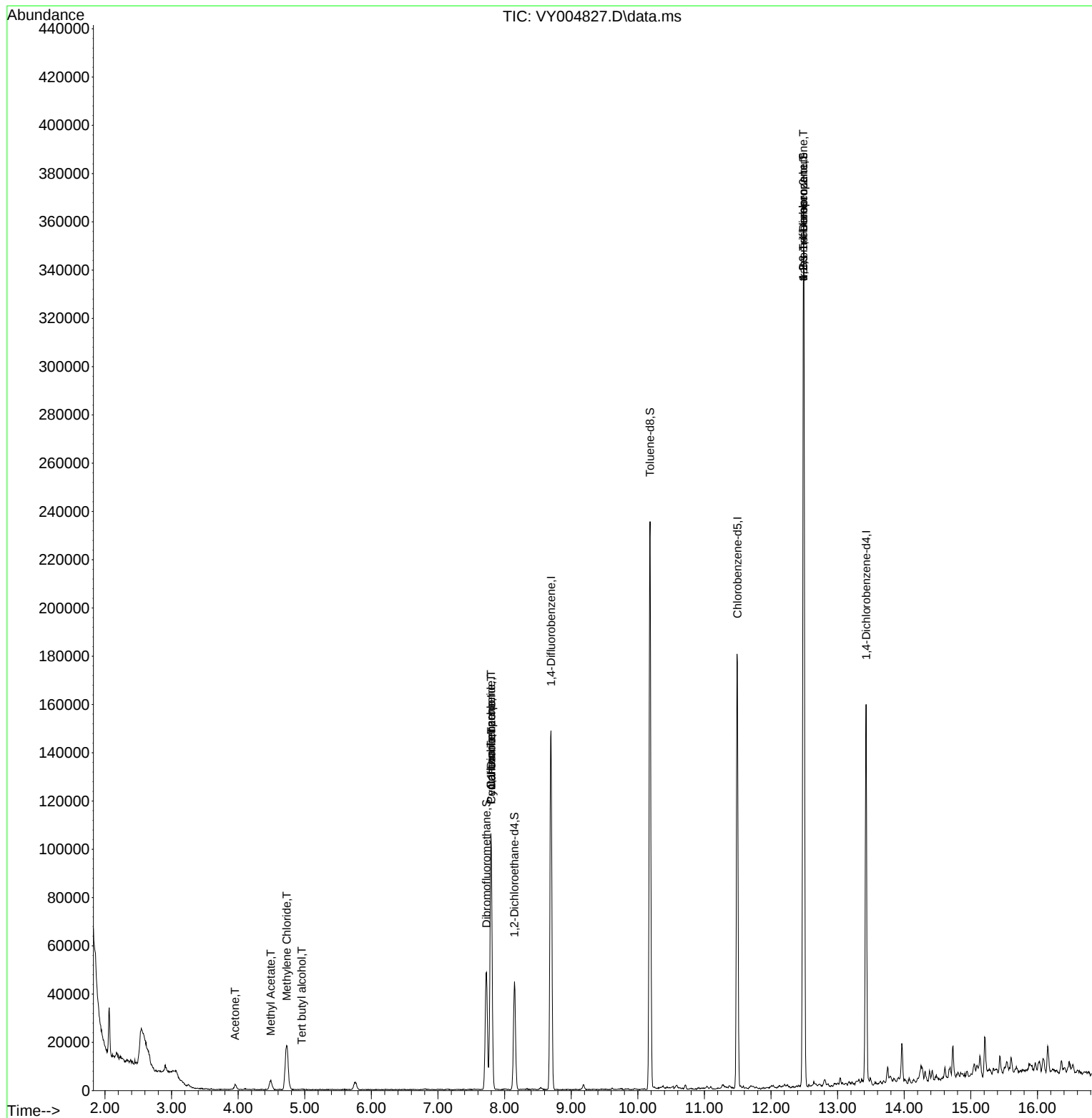
Internal Standards						
1) Pentafluorobenzene	7.801	168	78208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	121897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	92315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	34568	37.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.26%
35) Dibromofluoromethane	7.728	113	33976	50.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.82%
50) Toluene-d8	10.185	98	147509	48.93	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.86%
62) 4-Bromofluorobenzene	12.483	95	38097	37.44	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.88%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	183	1.96	ug/l #	71
16) Acetone	3.954	43	3595	17.19	ug/l	97
18) Methyl Acetate	4.491	43	7389	11.08	ug/l	98
20) Methylene Chloride	4.728	84	13305	6.26	ug/l	90
31) Cyclohexane	7.801	56	2129	1.41	ug/l #	21
36) 1,1-Dichloropropene	7.795	75	6194	4.96	ug/l #	51
38) Carbon Tetrachloride	7.795	117	7909	7.04	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	23346	60.09	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23346	104.19	ug/l #	15

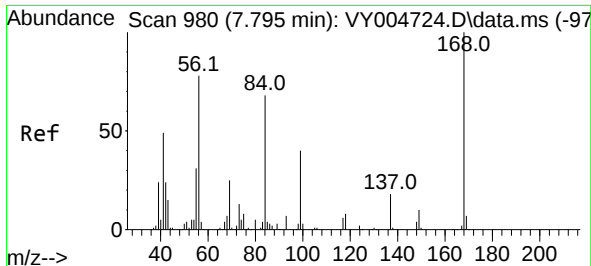
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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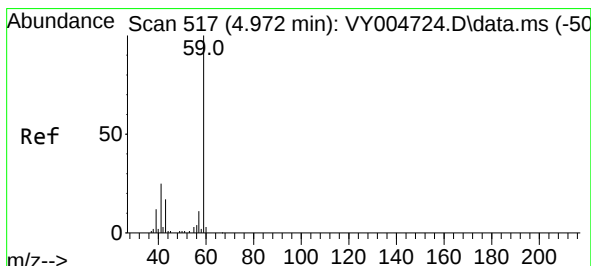
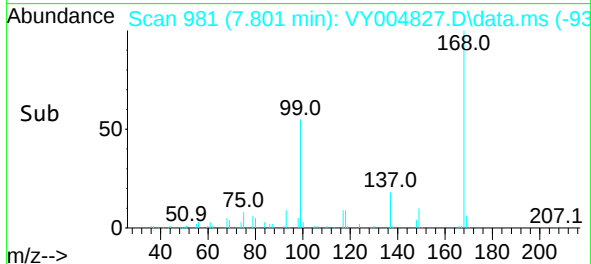
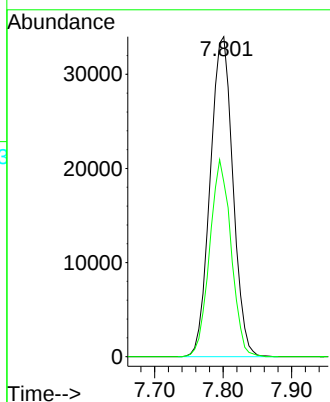
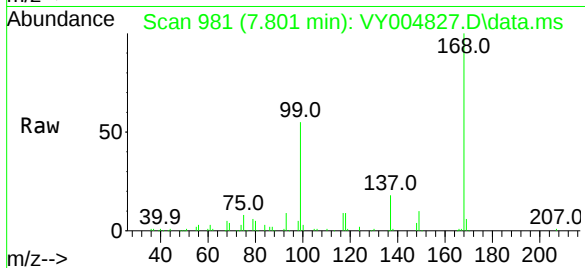




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

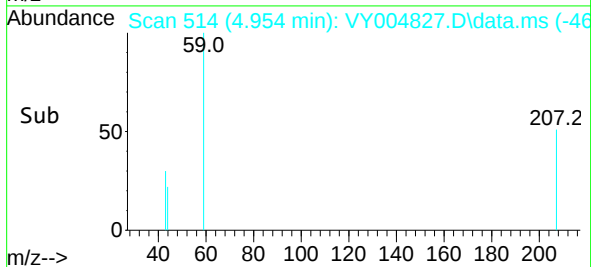
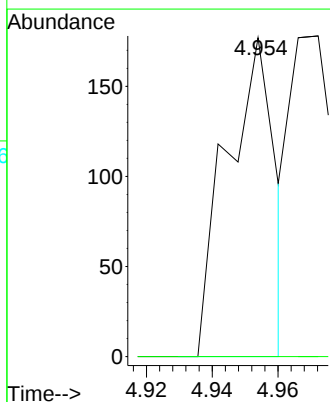
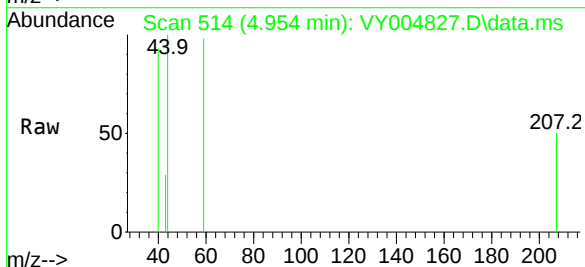
Instrument :
MSVOA_Y
ClientSampled :

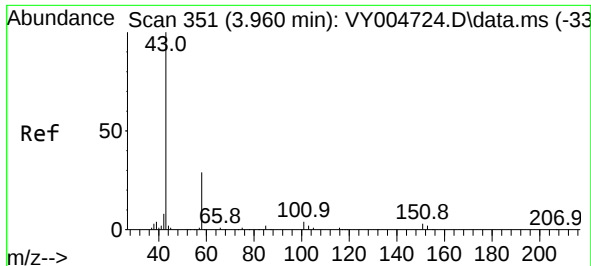
Tgt Ion:168 Resp: 78208
Ion Ratio Lower Upper
168 100
99 54.6 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.96 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

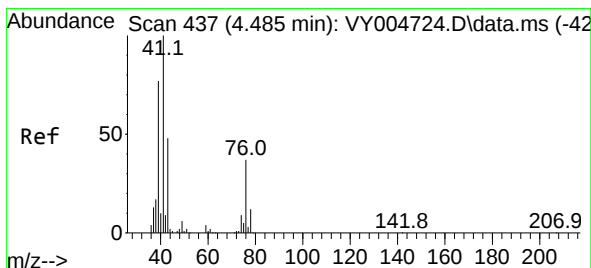
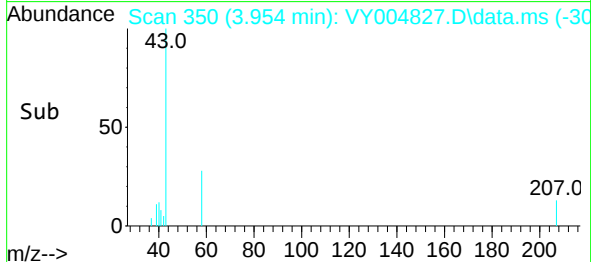
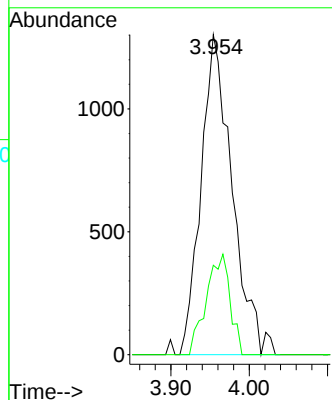
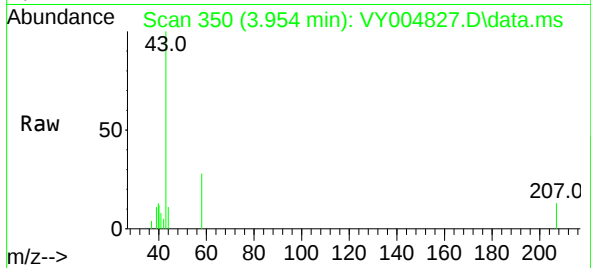




#16
Acetone
Concen: 17.19 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

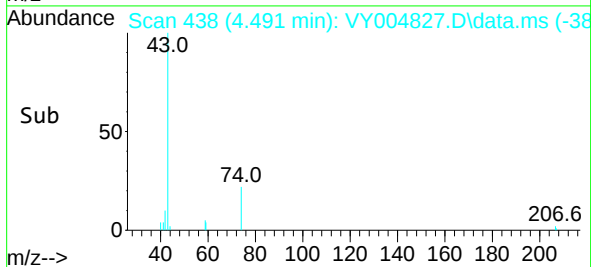
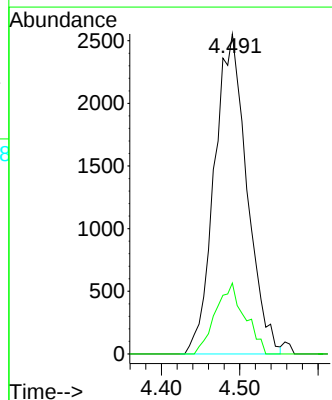
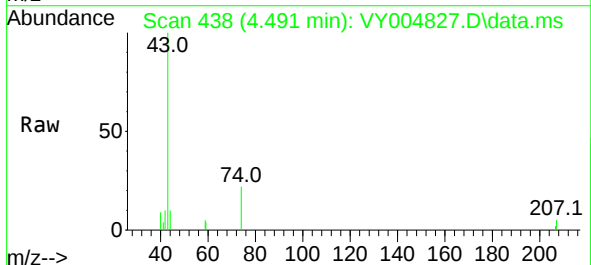
Instrument :
MSVOA_Y
ClientSampled :

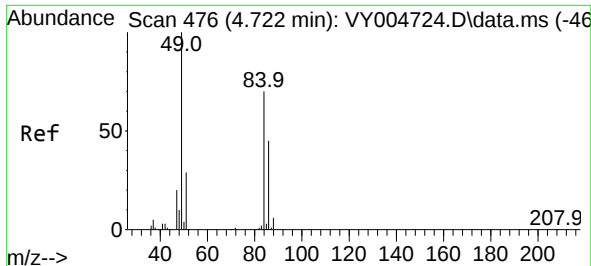
Tgt Ion: 43 Resp: 3595
Ion Ratio Lower Upper
43 100
58 28.0 23.6 35.4



#18
Methyl Acetate
Concen: 11.08 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

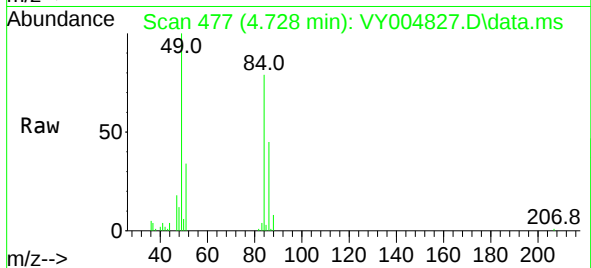
Tgt Ion: 43 Resp: 7389
Ion Ratio Lower Upper
43 100
74 19.9 16.6 24.8



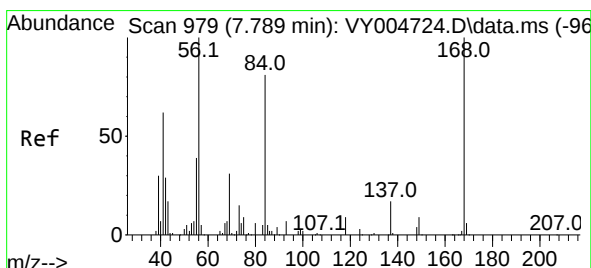
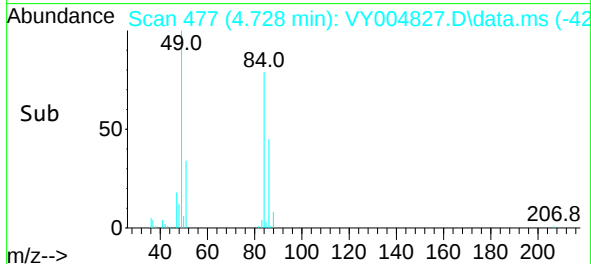
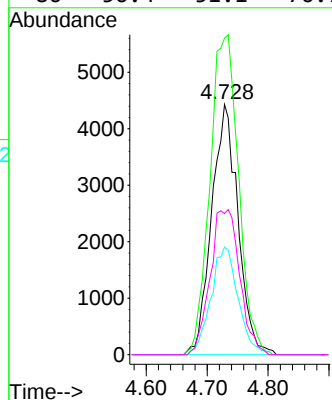


#20
Methylene Chloride
Concen: 6.26 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Instrument :
MSVOA_Y
ClientSampled :

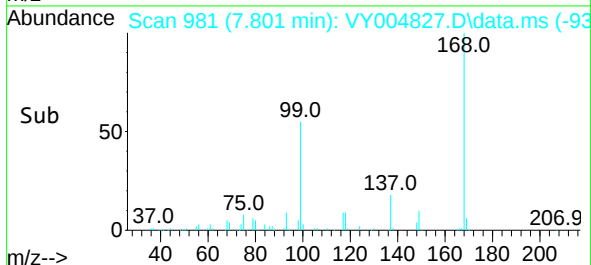
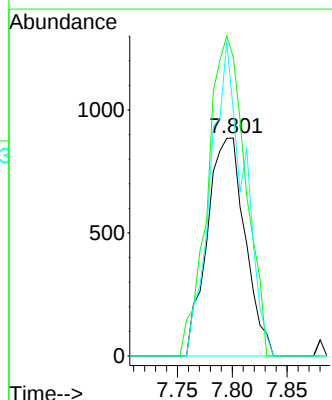
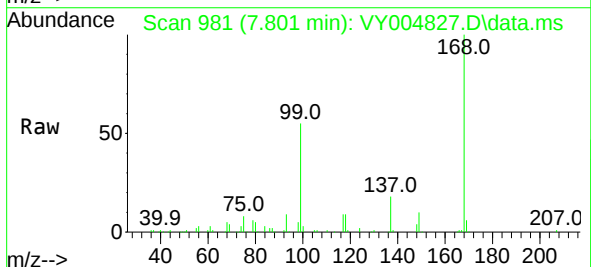


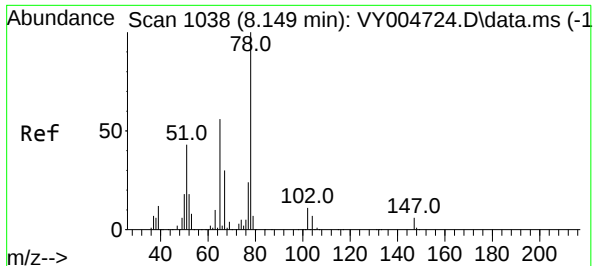
Tgt Ion:	84	Resp:	13305
Ion	Ratio	Lower	Upper
84	100		
49	126.5	113.8	170.8
51	43.0	33.5	50.3
86	56.4	51.1	76.7



#31
Cyclohexane
Concen: 1.41 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion:	56	Resp:	2129
Ion	Ratio	Lower	Upper
56	100		
69	137.1	24.4	36.6#
84	112.3	64.8	97.2#

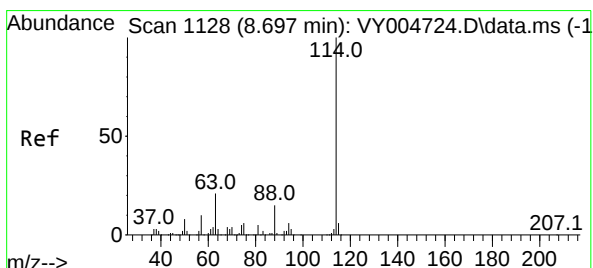
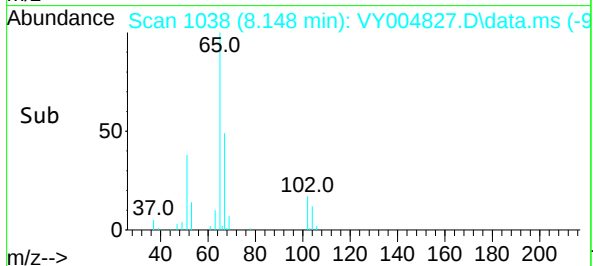
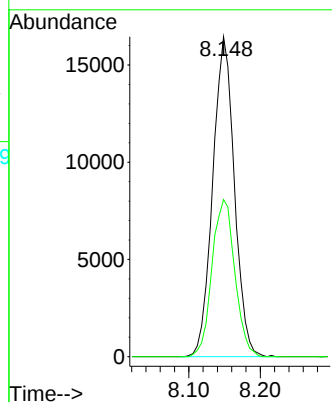
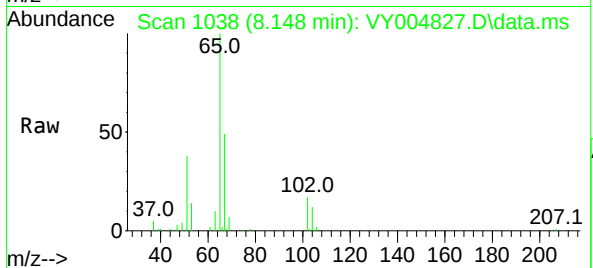




#33
 1,2-Dichloroethane-d4
 Concen: 37.13 ug/l
 RT: 8.148 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004827.D
 Acq: 18 May 2021 15:28

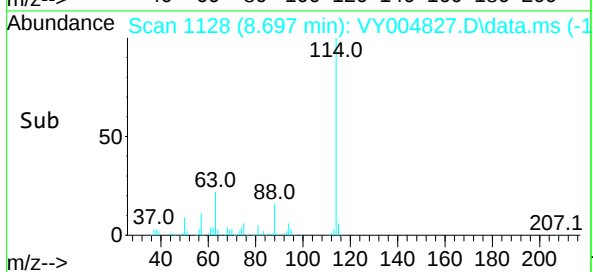
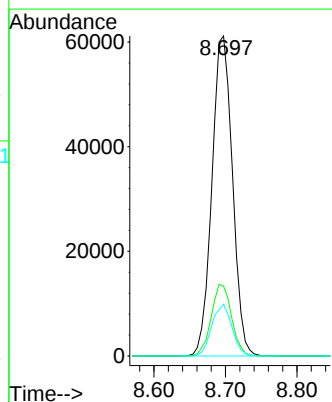
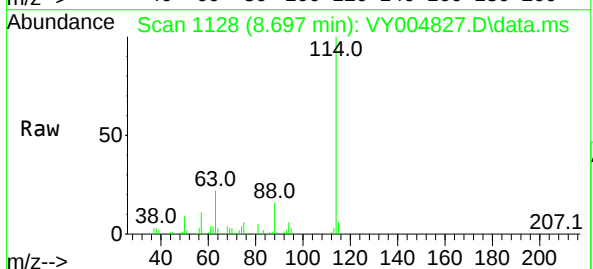
Instrument :
 MSVOA_Y
 ClientSampled :

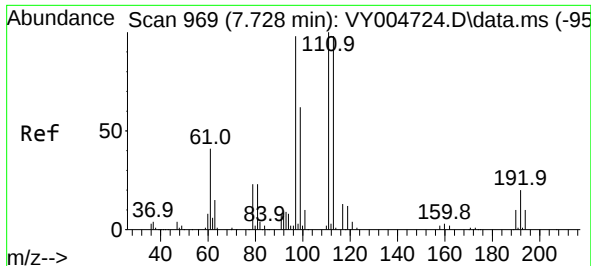
Tgt Ion: 65 Resp: 34568
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 108.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004827.D
 Acq: 18 May 2021 15:28

Tgt Ion: 114 Resp: 121897
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 16.1 0.0 31.0

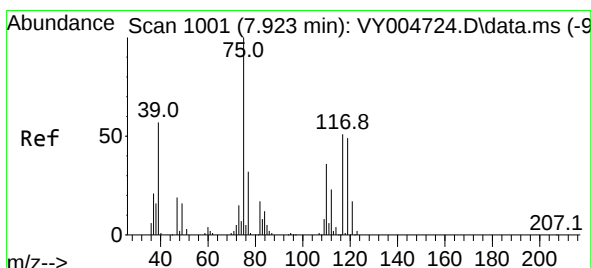
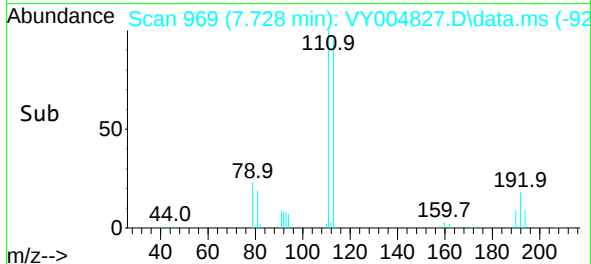
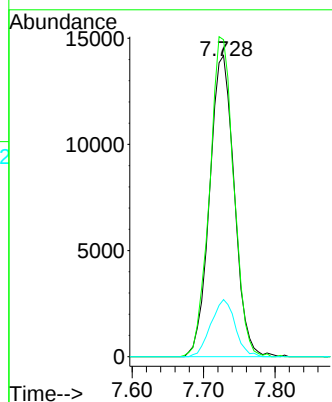
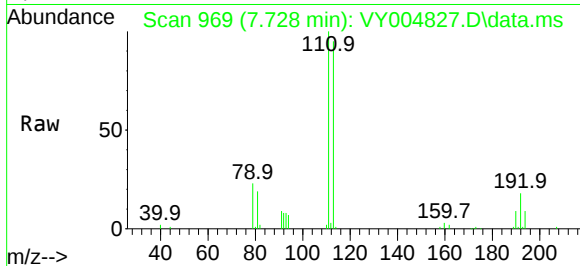




#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

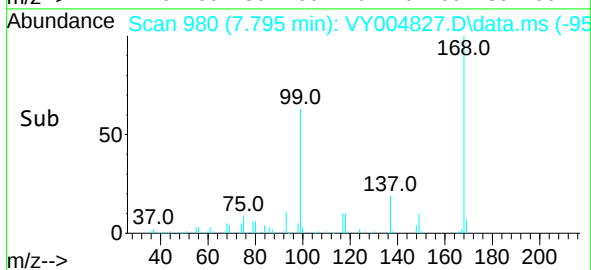
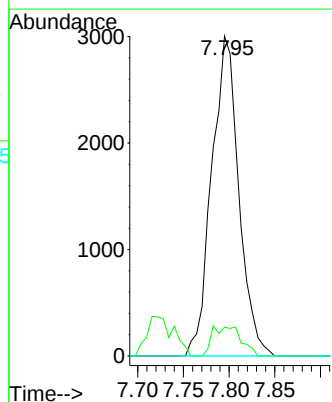
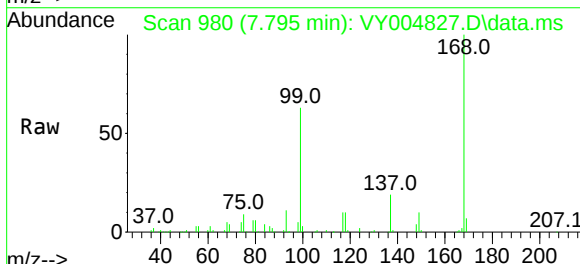
Instrument :
MSVOA_Y
ClientSampleId :

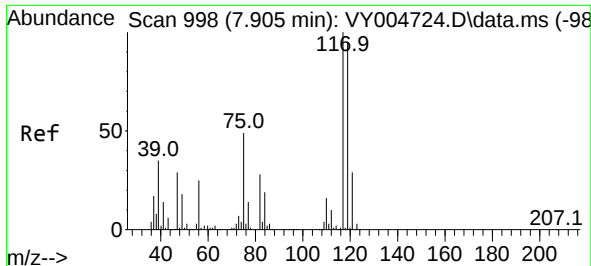
Tgt Ion:	113	Resp:	33976
Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.5	120.7
192	18.7	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.96 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

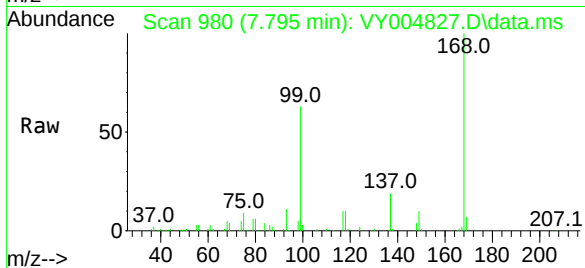
Tgt Ion:	75	Resp:	6194
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	25.0	37.4#



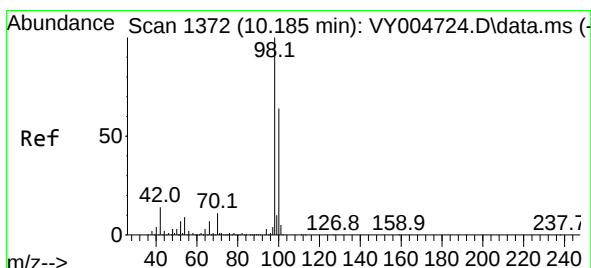
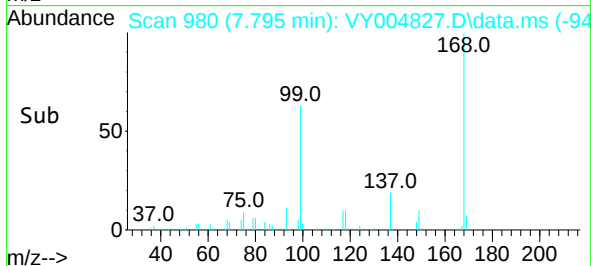
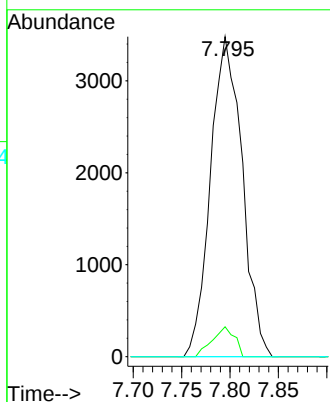


#38
Carbon Tetrachloride
Concen: 7.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Instrument :
MSVOA_Y
ClientSampled :

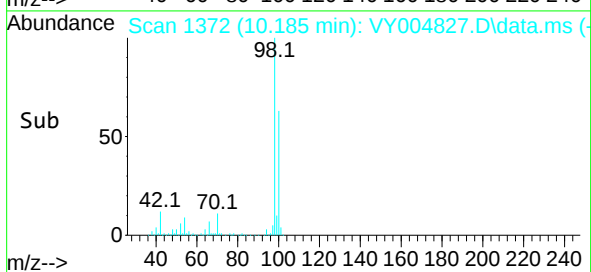
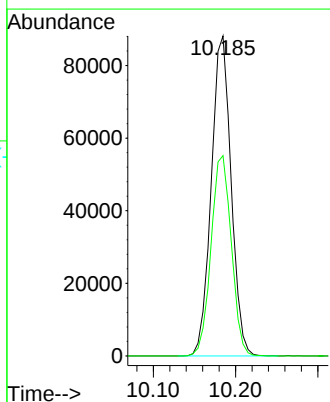
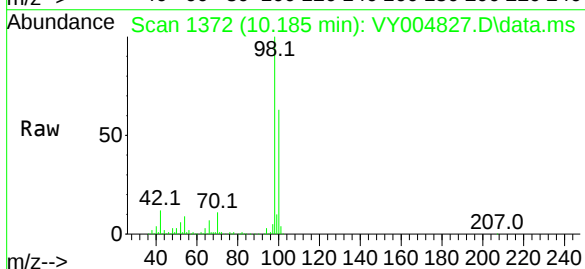


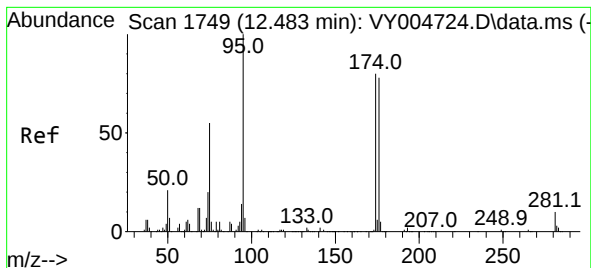
Tgt Ion: 117 Resp: 7909
Ion Ratio Lower Upper
117 100
119 9.4 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 48.93 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion: 98 Resp: 147509
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

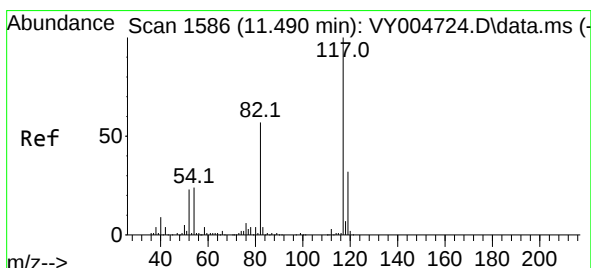
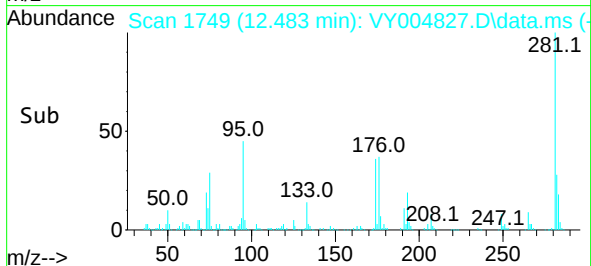
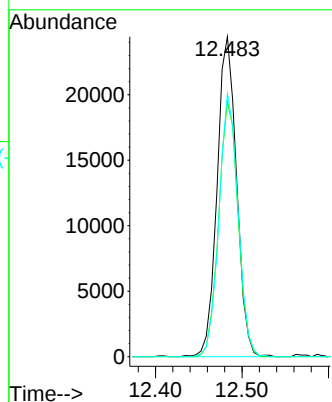
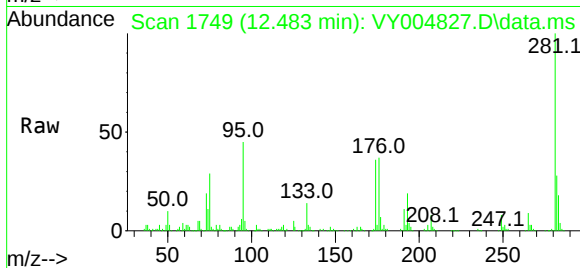




#62
4-Bromofluorobenzene
Concen: 37.44 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

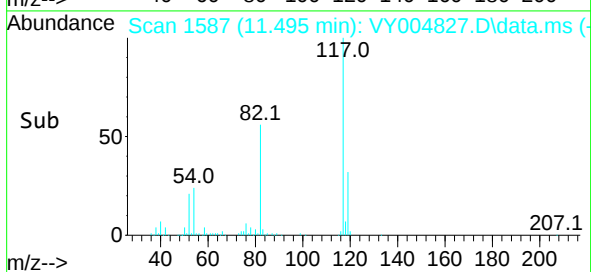
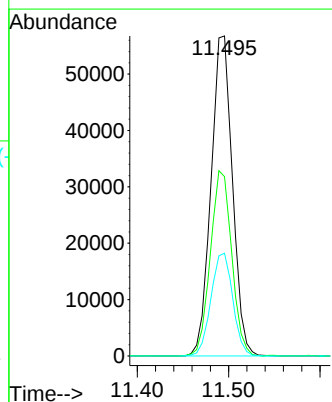
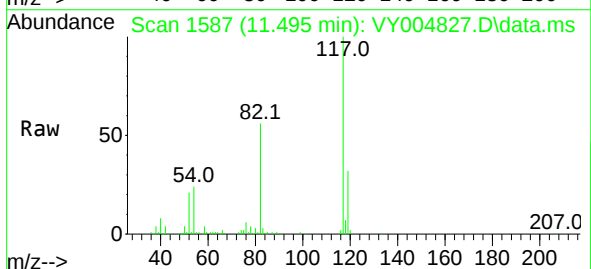
Instrument :
MSVOA_Y
ClientSampled :

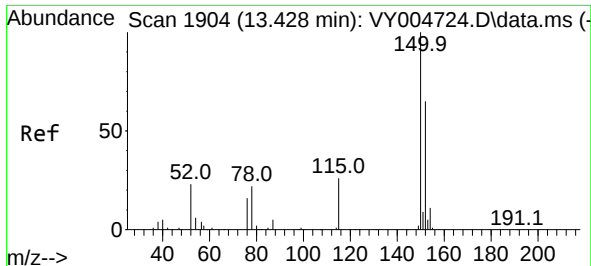
Tgt Ion: 95 Resp: 38097
Ion Ratio Lower Upper
95 100
174 79.1 0.0 164.2
176 80.4 0.0 159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004827.D
Acq: 18 May 2021 15:28

Tgt Ion:117 Resp: 92315
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.1 25.8 38.6

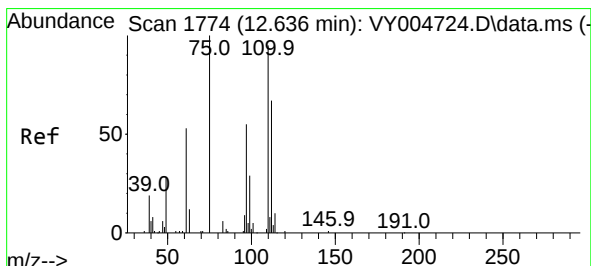
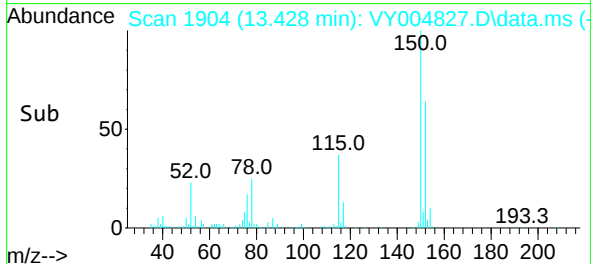
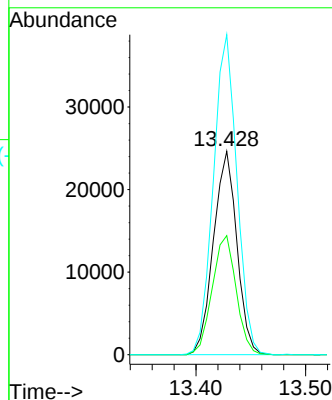
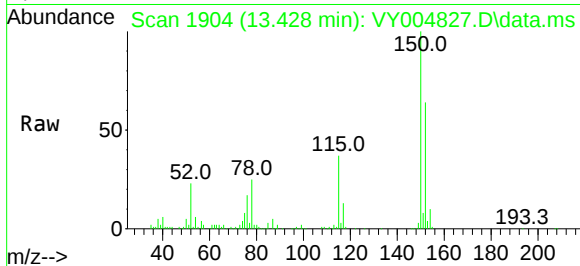




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004827.D
 Acq: 18 May 2021 15:28

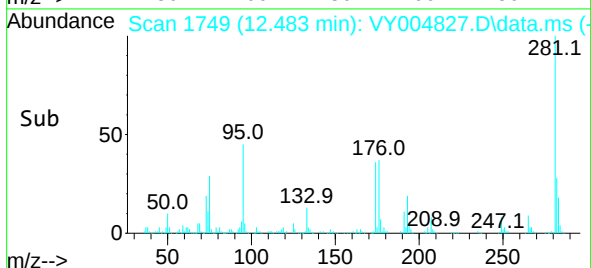
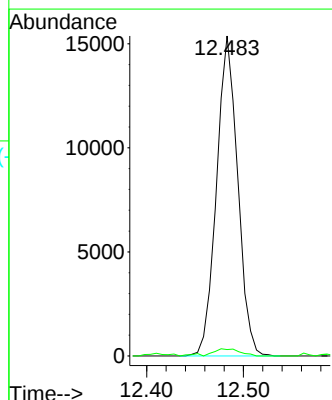
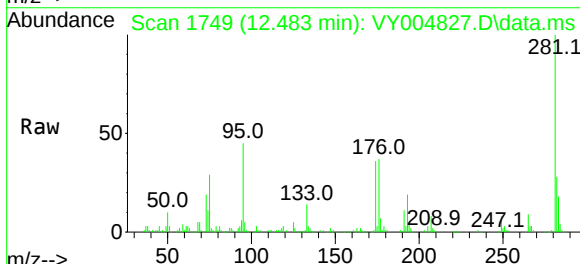
Instrument :
 MSVOA_Y
 ClientSampled :

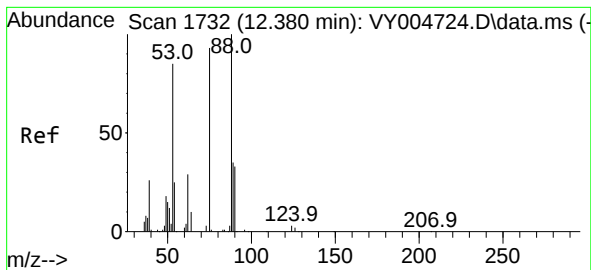
Tgt Ion:152 Resp: 36580
 Ion Ratio Lower Upper
 152 100
 115 59.9 29.4 88.3
 150 158.4 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 60.09 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004827.D
 Acq: 18 May 2021 15:28

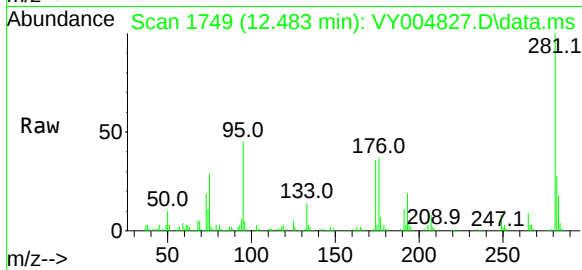
Tgt Ion: 75 Resp: 23346
 Ion Ratio Lower Upper
 75 100
 77 3.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.19 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004827.D
 Acq: 18 May 2021 15:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 23346
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 4.0 35.5 53.3#

