

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005167.D
 Acq On : 17 Jun 2021 19:16
 Operator : SY/MD
 Sample : M2748-15
 Misc : 6.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:05:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	153578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	276970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71551	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	102592	69.088	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.180%
35) Dibromofluoromethane	7.728	113	87393	72.224	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.440%
50) Toluene-d8	10.185	98	350268	58.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.520%
62) 4-Bromofluorobenzene	12.483	95	85751	42.410	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.820%

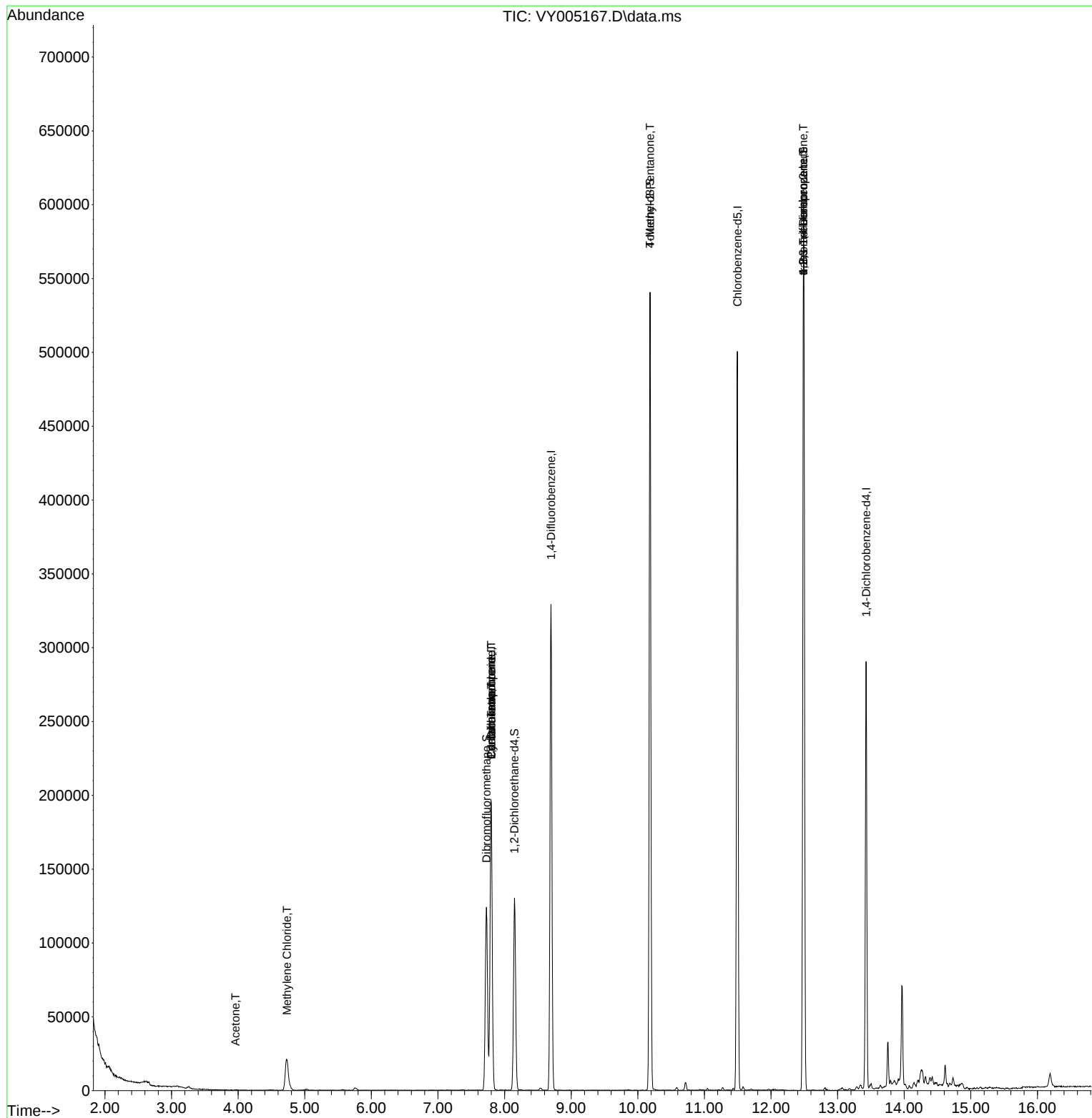
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.978	59	208	Below Cal	#	74
16) Acetone	3.960	43	468	1.550	ug/l #	43
20) Methylene Chloride	4.734	84	16534	3.634	ug/l #	93
31) Cyclohexane	7.801	56	3337	1.321	ug/l #	24
36) 1,1-Dichloropropene	7.801	75	11691	4.524	ug/l #	49
38) Carbon Tetrachloride	7.801	117	15105	5.505	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1643	1.331	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	51669	80.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51669	150.504	ug/l #	12

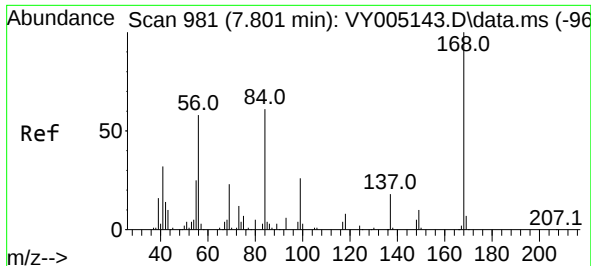
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

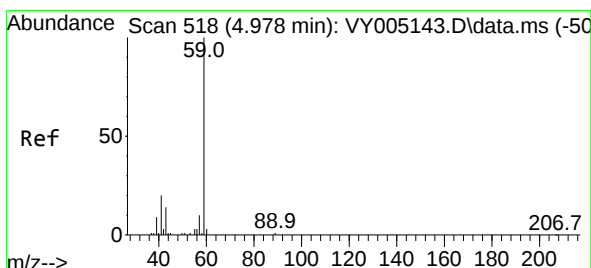
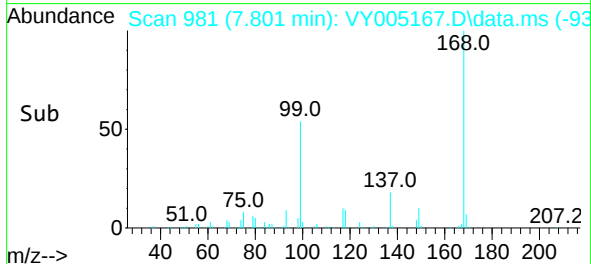
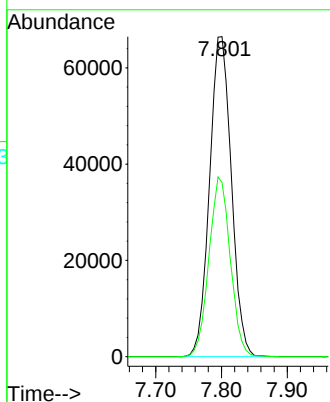
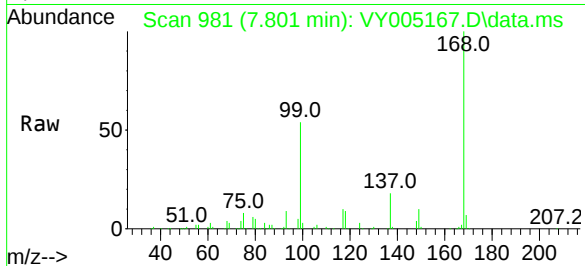




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

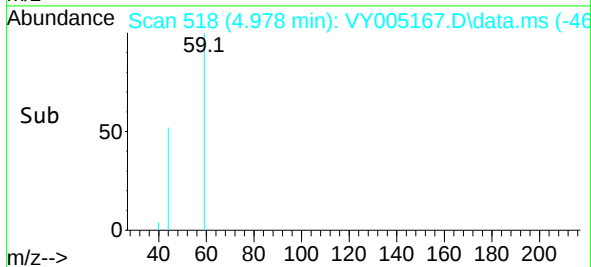
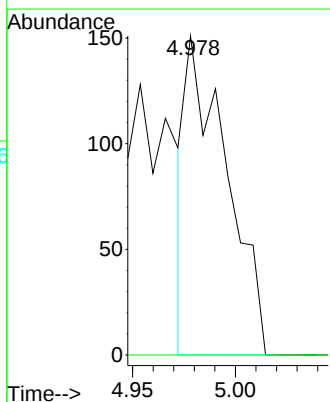
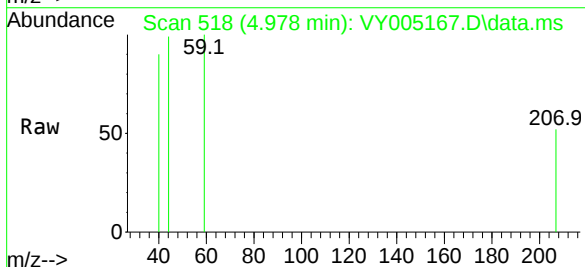
Instrument :
MSVOA_Y
ClientSampleId :

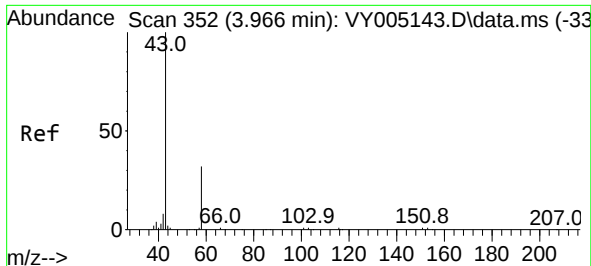
Tgt Ion:168 Resp: 153578
Ion Ratio Lower Upper
168 100
99 54.4 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

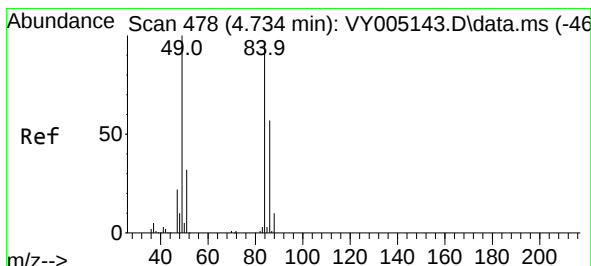
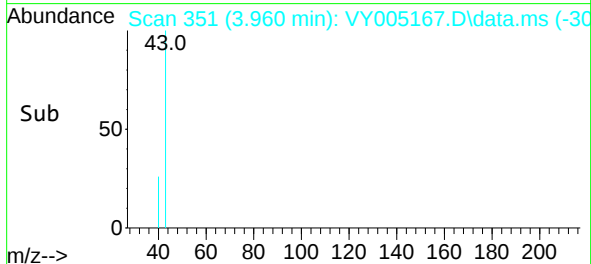
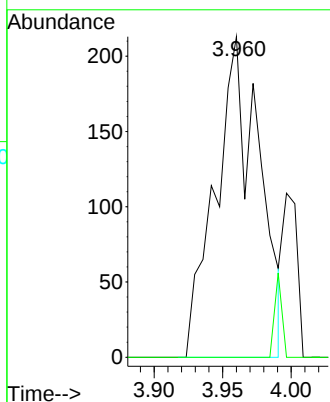
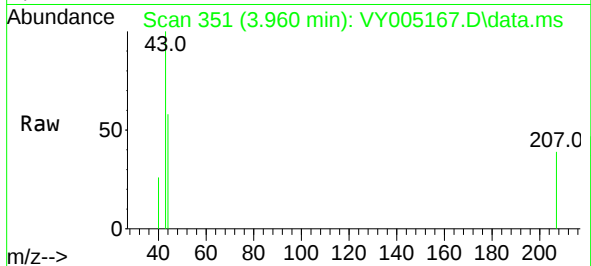




#16
Acetone
Concen: 1.550 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

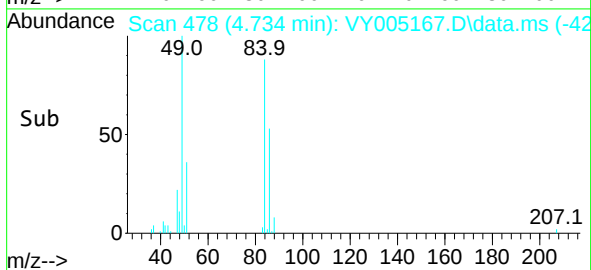
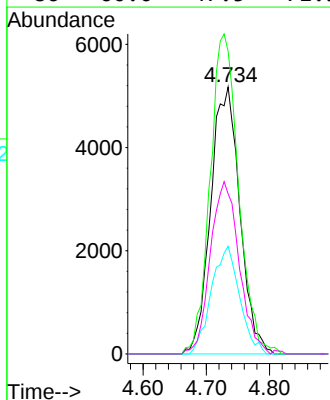
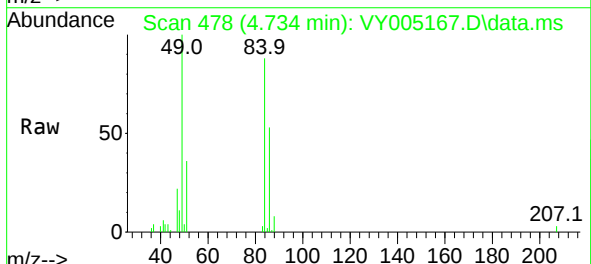
Instrument :
MSVOA_Y
ClientSampled :

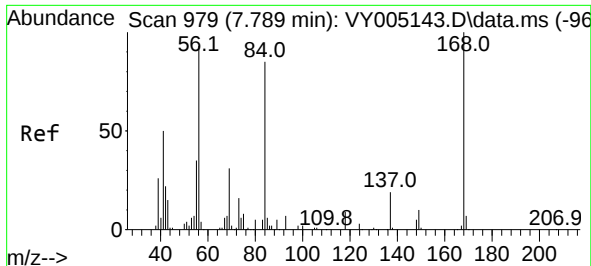
Tgt Ion: 43 Resp: 468
Ion Ratio Lower Upper
43 100
58 0.0 25.6 38.4#



#20
Methylene Chloride
Concen: 3.634 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

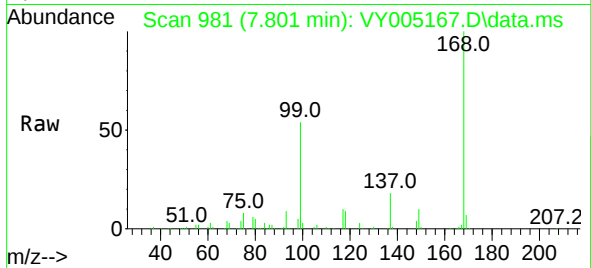
Tgt Ion: 84 Resp: 16534
Ion Ratio Lower Upper
84 100
49 113.4 83.4 125.2
51 40.4 26.8 40.2#
86 60.0 47.5 71.3



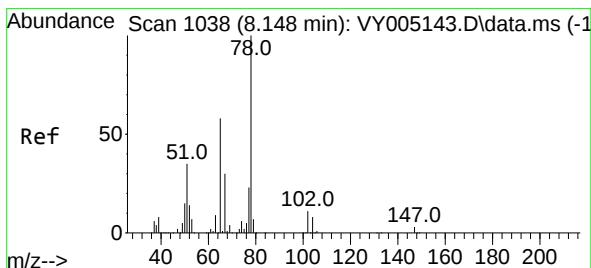
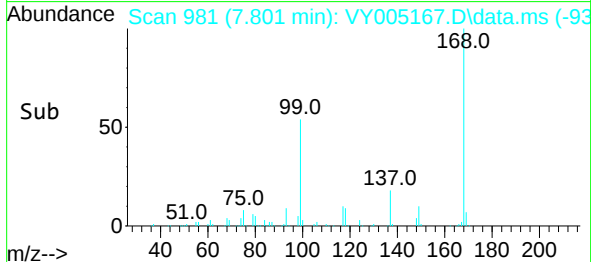
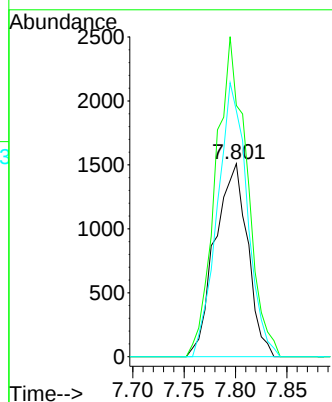


#31
Cyclohexane
Concen: 1.321 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

Instrument :
MSVOA_Y
ClientSampled :

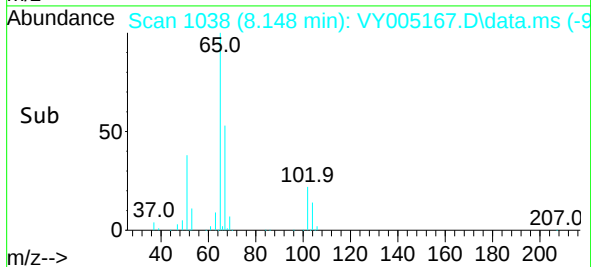
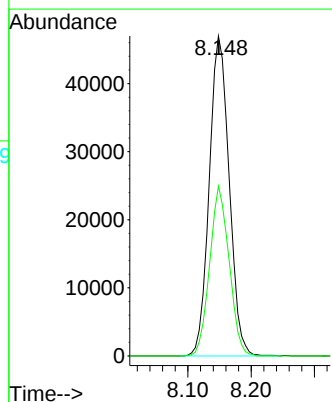
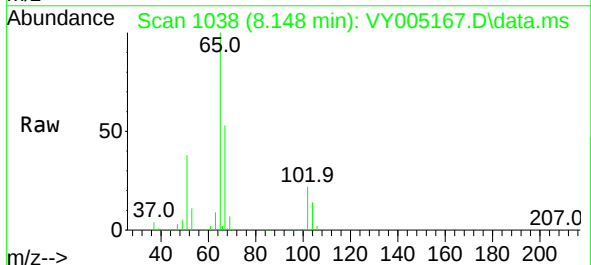


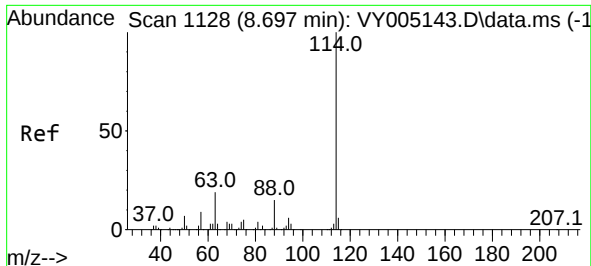
Tgt Ion: 56 Resp: 3337
Ion Ratio Lower Upper
56 100
69 130.1 26.3 39.5#
84 131.5 73.2 109.8#



#33
1,2-Dichloroethane-d4
Concen: 69.088 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

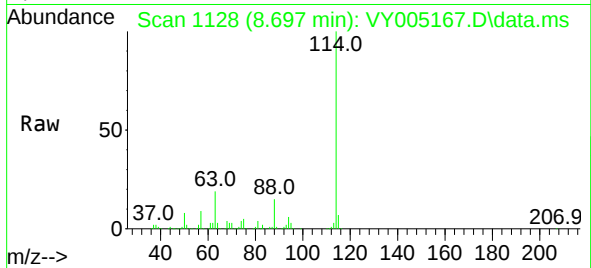
Tgt Ion: 65 Resp: 102592
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



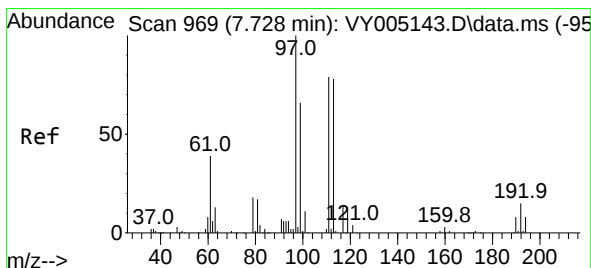
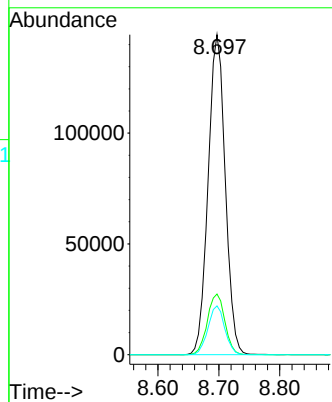
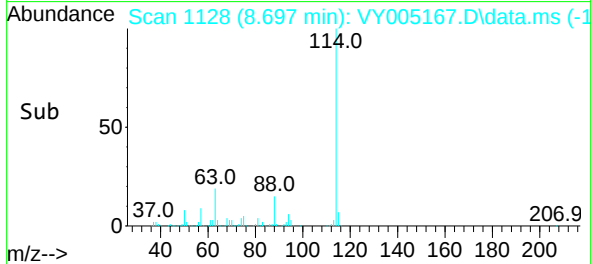


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

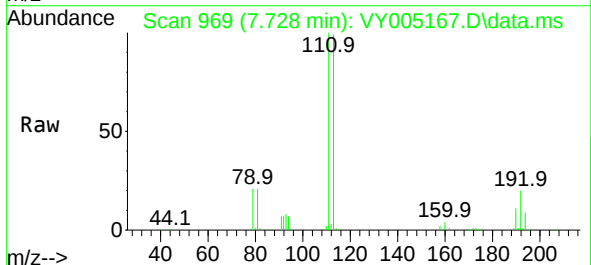
Instrument :
MSVOA_Y
ClientSampleId :



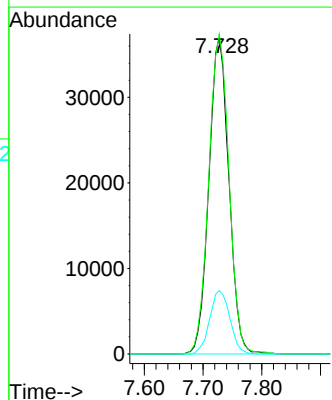
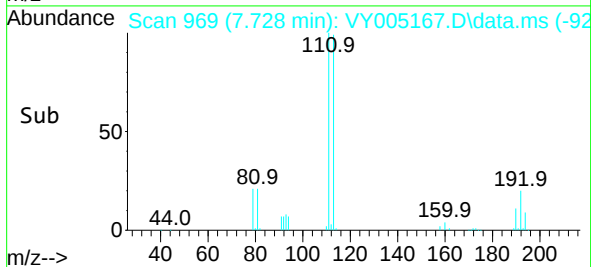
Tgt Ion:114 Resp: 282198
Ion Ratio Lower Upper
114 100
63 18.9 0.0 37.6
88 15.2 0.0 29.6

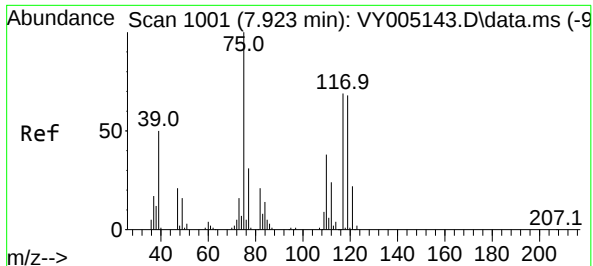


#35
Dibromofluoromethane
Concen: 72.224 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16



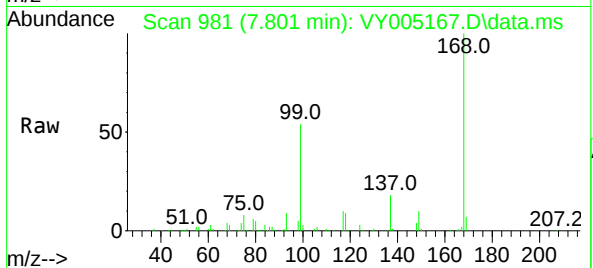
Tgt Ion:113 Resp: 87393
Ion Ratio Lower Upper
113 100
111 103.0 82.3 123.5
192 20.2 16.2 24.2



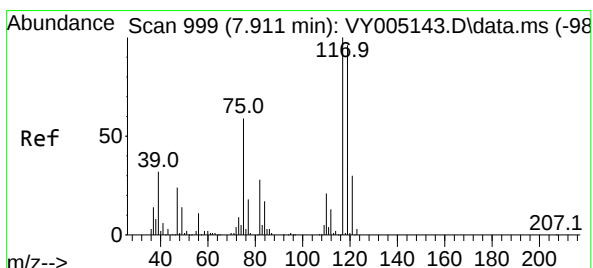
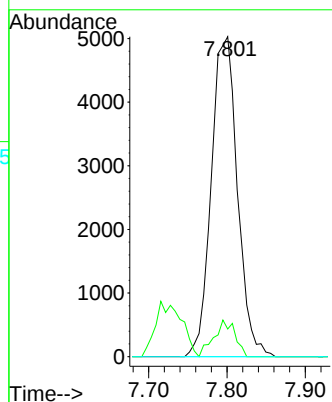
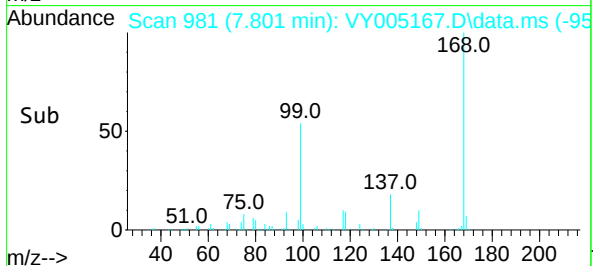


#36
 1,1-Dichloropropene
 Concen: 4.524 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.122 min
 Lab File: VY005167.D
 Acq: 17 Jun 2021 19:16

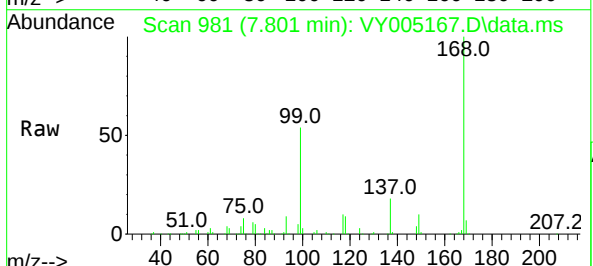
Instrument :
 MSVOA_Y
 ClientSampleId :



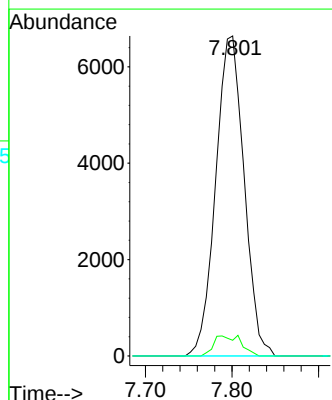
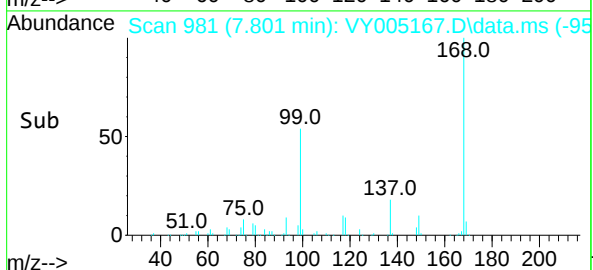
Tgt Ion:	75	Resp:	11691
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.8	56.3#
77	0.0	24.6	36.8#

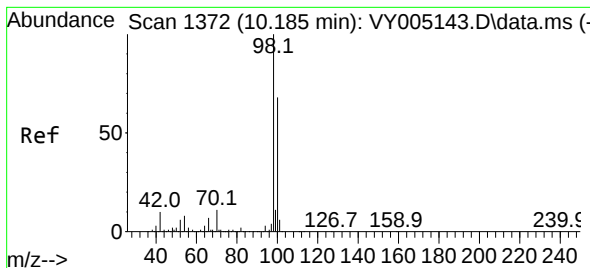


#38
 Carbon Tetrachloride
 Concen: 5.505 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.110 min
 Lab File: VY005167.D
 Acq: 17 Jun 2021 19:16



Tgt Ion:	117	Resp:	15105
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.9	115.3#
121	0.0	24.2	36.4#

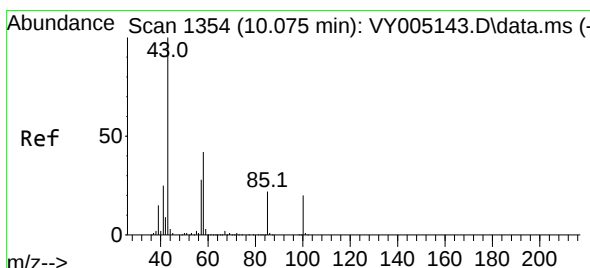
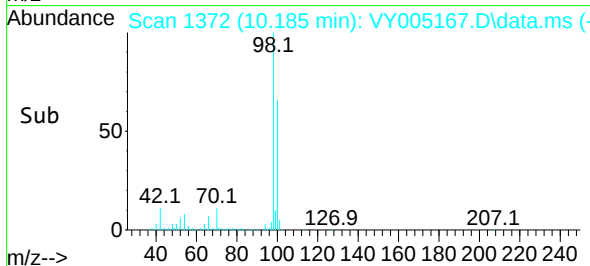
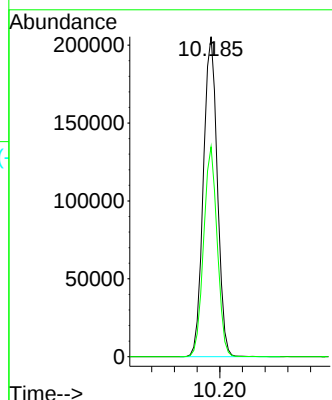
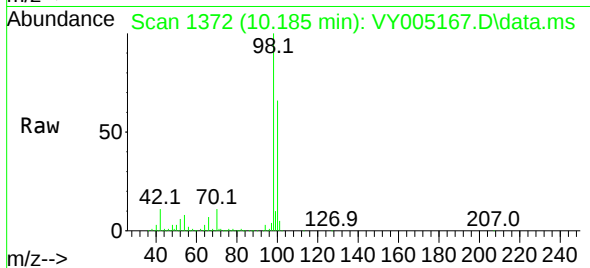




#50
Toluene-d8
Concen: 58.261 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

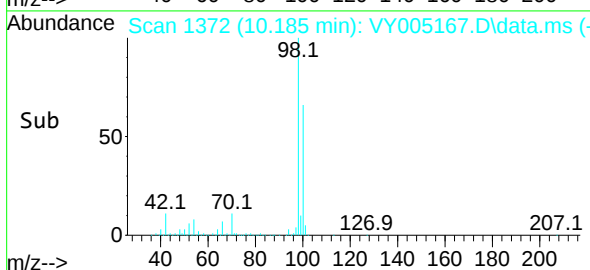
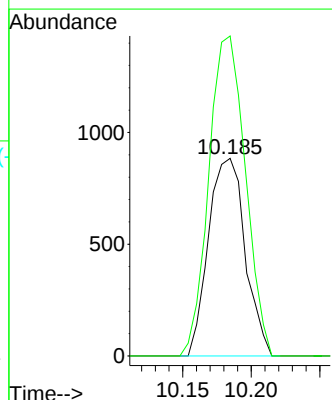
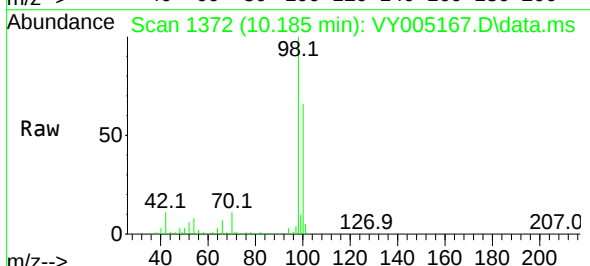
Instrument :
MSVOA_Y
ClientSampled :

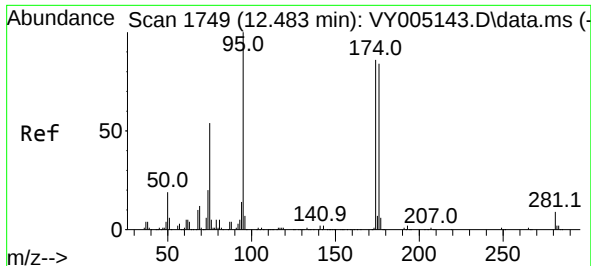
Tgt Ion: 98 Resp: 350268
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.331 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

Tgt Ion: 43 Resp: 1643
Ion Ratio Lower Upper
43 100
58 161.5 33.0 49.4#

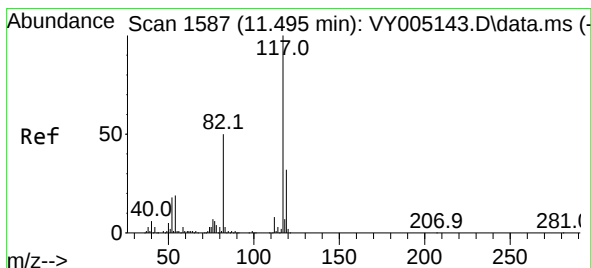
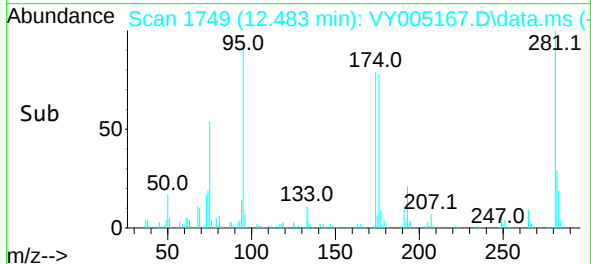
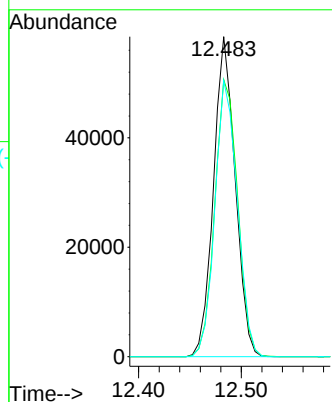
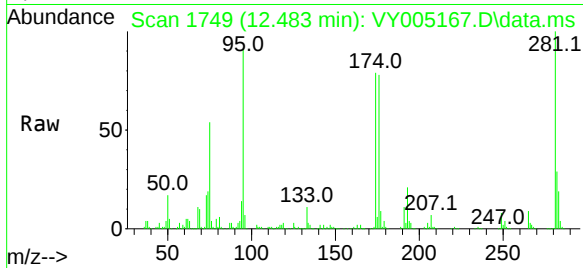




#62
4-Bromofluorobenzene
Concen: 42.410 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

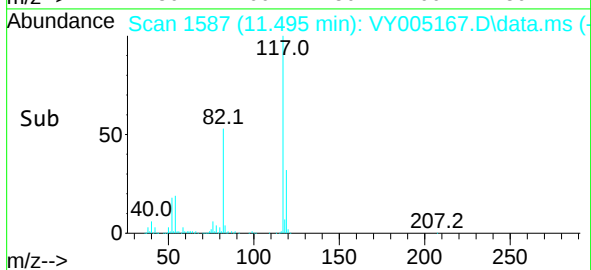
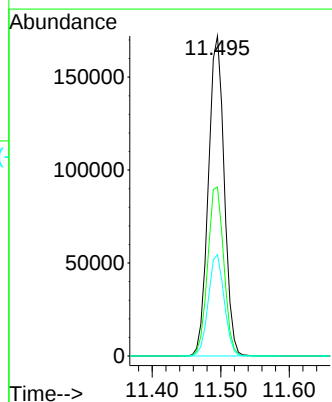
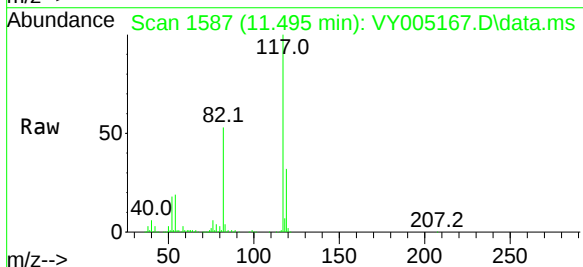
Instrument :
MSVOA_Y
ClientSampleId :

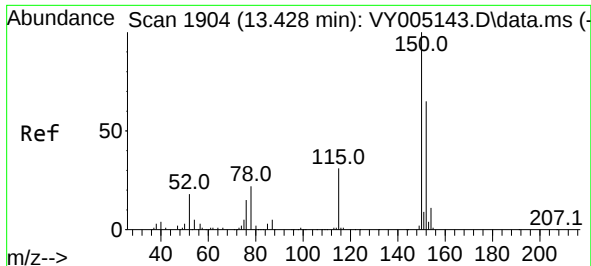
Tgt Ion: 95 Resp: 85751
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.2
176 89.2 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

Tgt Ion: 117 Resp: 276970
Ion Ratio Lower Upper
117 100
82 52.8 39.8 59.6
119 31.7 25.9 38.9

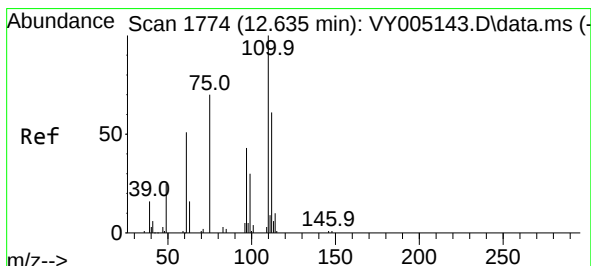
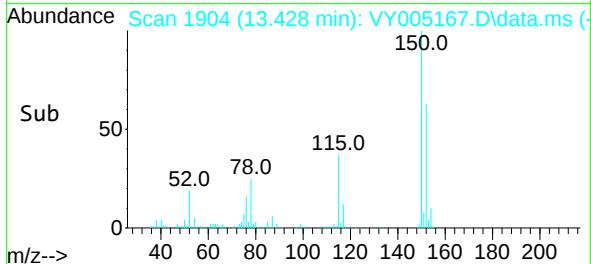
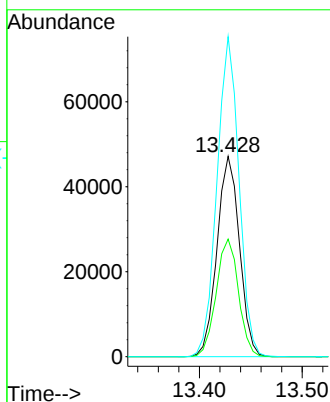
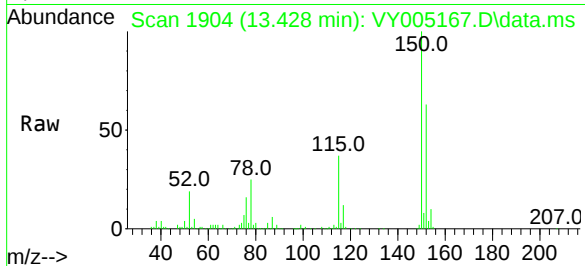




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

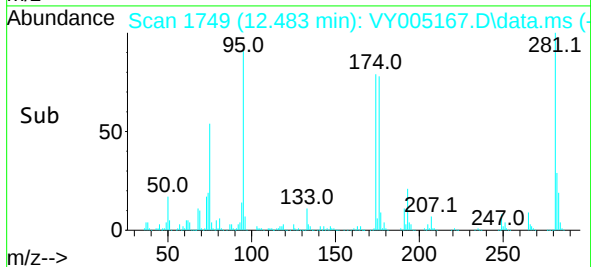
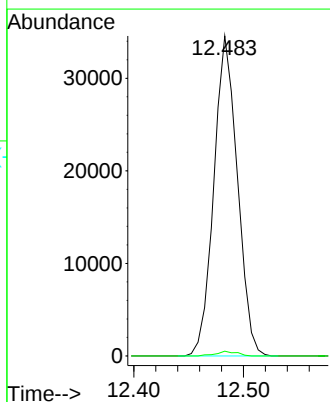
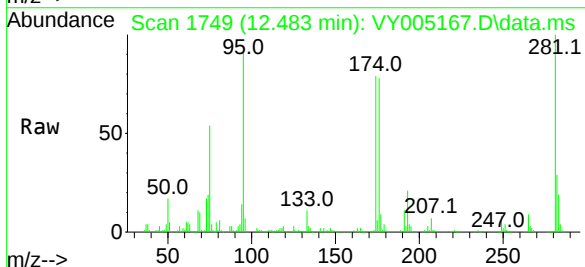
Instrument :
MSVOA_Y
ClientSampled :

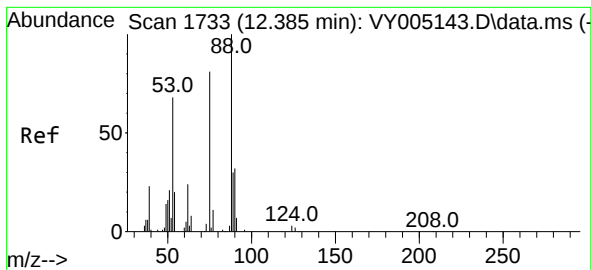
Tgt Ion:152 Resp: 71551
Ion Ratio Lower Upper
152 100
115 58.3 29.5 88.6
150 156.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 80.675 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

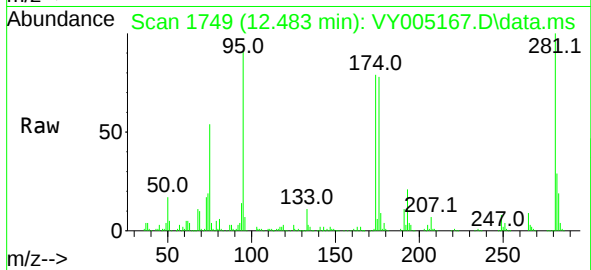
Tgt Ion: 75 Resp: 51669
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 150.504 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY005167.D
Acq: 17 Jun 2021 19:16

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 51669
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 1.8 44.1 66.1#

