

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
 Data File : VY005700.D
 Acq On : 17 Aug 2021 04:17
 Operator : SY/MD
 Sample : M3425-16
 Misc : 10.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 23N

Quant Time: Aug 17 05:24:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

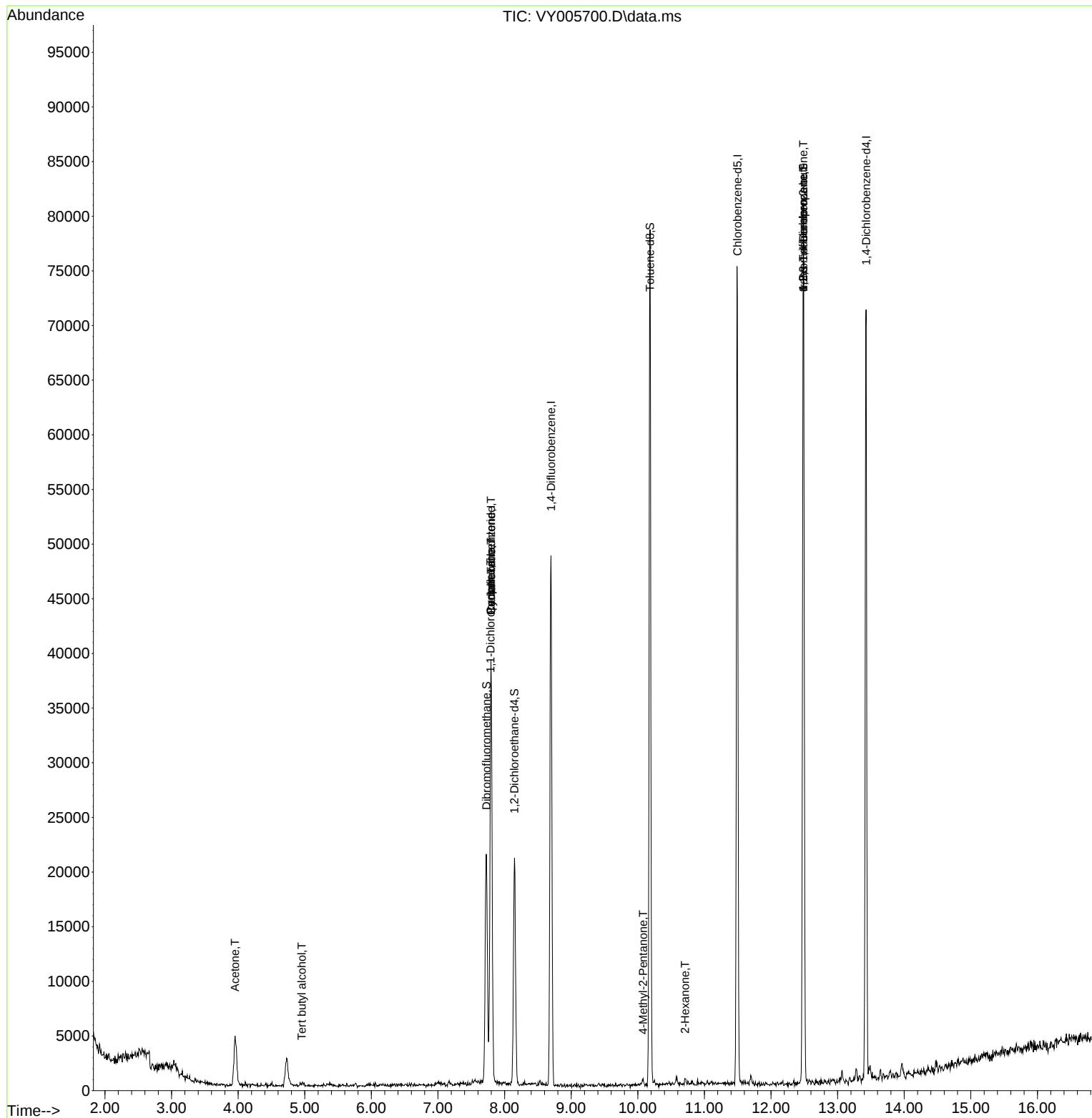
Internal Standards						
1) Pentafluorobenzene	7.795	168	31354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	39896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	16966	53.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.920%	
35) Dibromofluoromethane	7.728	113	14398	61.697	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.400%	
50) Toluene-d8	10.185	98	51923	53.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.483	95	16450	50.755	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	392	12.494	ug/l #	73
16) Acetone	3.954	43	8544	106.774	ug/l	94
20) Methylene Chloride	4.716	84	1906	Below Cal	#	74
31) Cyclohexane	7.795	56	643	1.181	ug/l #	8
36) 1,1-Dichloropropene	7.789	75	2442	6.246	ug/l #	47
38) Carbon Tetrachloride	7.795	117	2927	6.889	ug/l #	13
51) 4-Methyl-2-Pentanone	10.081	43	381	1.613	ug/l #	74
59) 2-Hexanone	10.709	43	338	2.025	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	8706	43.884	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8706	88.464	ug/l #	11

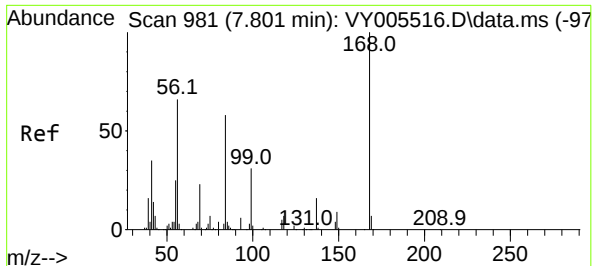
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081621\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

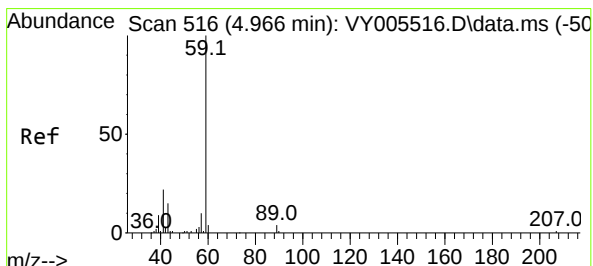
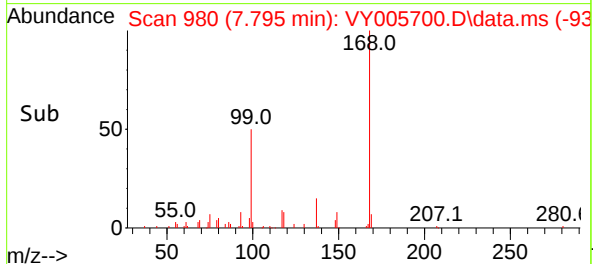
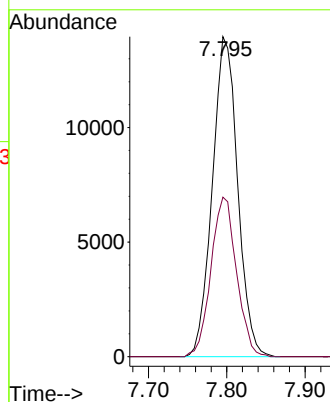
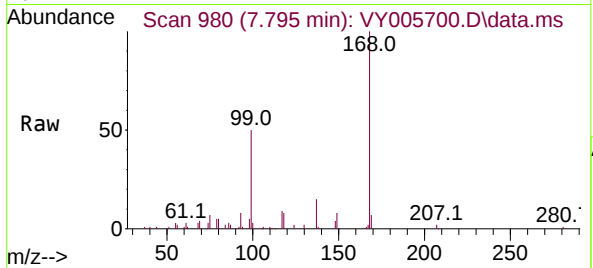




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

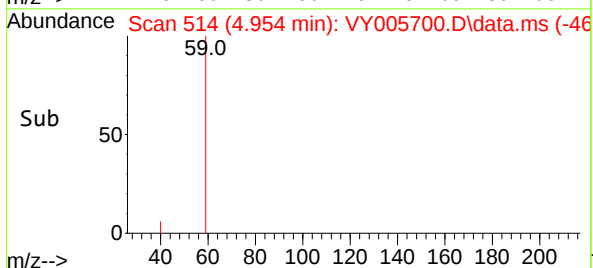
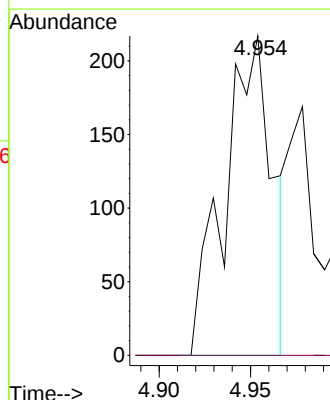
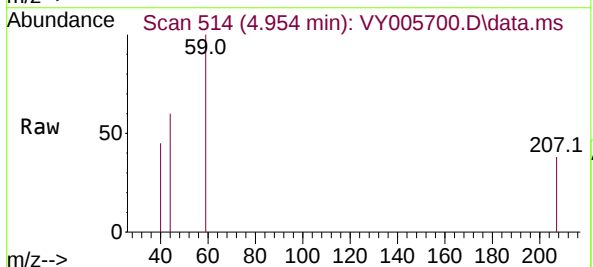
Instrument :
MSVOA_Y
ClientSampled :
23N

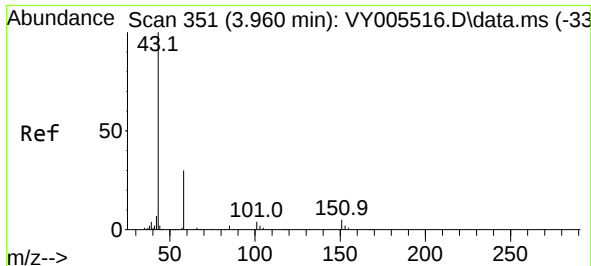
Tgt Ion:168 Resp: 31354
Ion Ratio Lower Upper
168 100
99 49.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 12.494 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

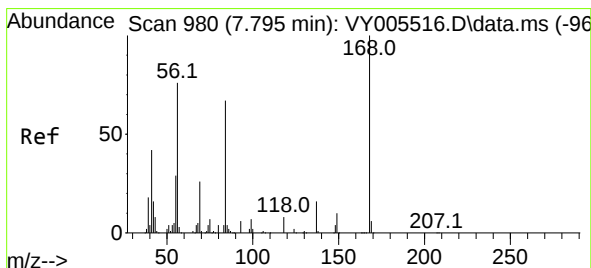
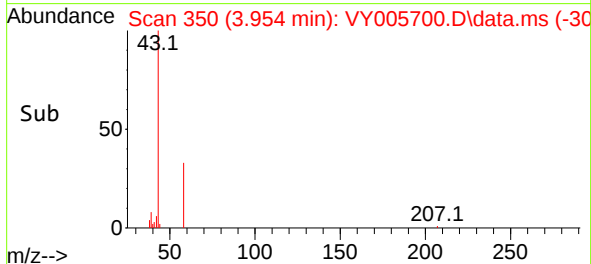
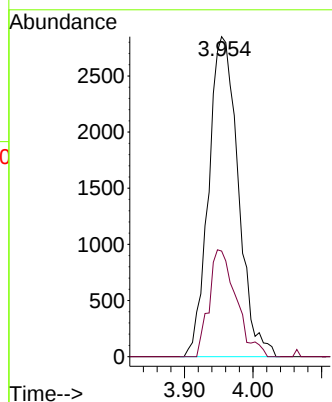
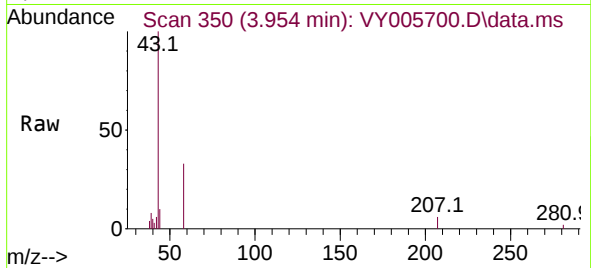




#16
Acetone
Concen: 106.774 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

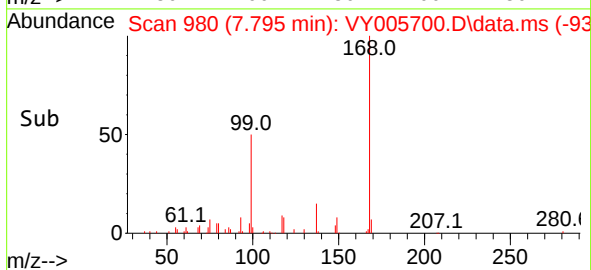
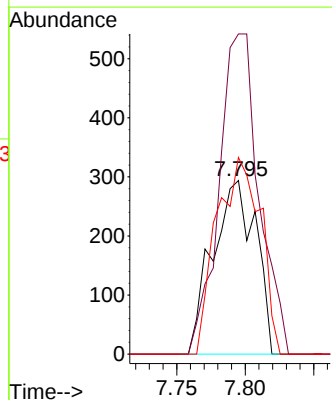
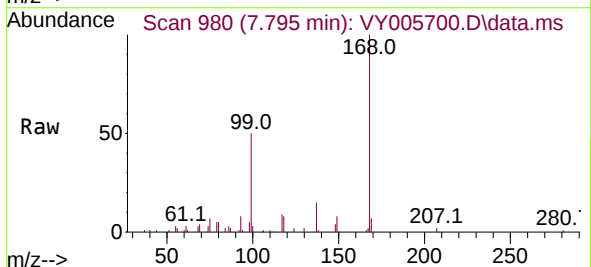
Instrument :
MSVOA_Y
ClientSampled :
23N

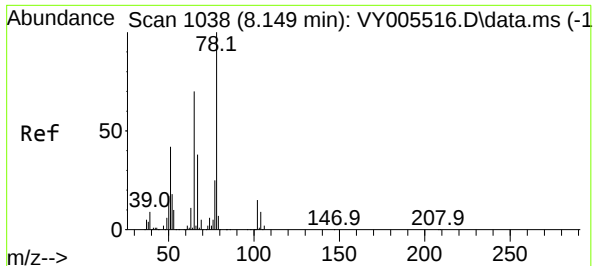
Tgt Ion: 43 Resp: 8544
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6



#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

Tgt Ion: 56 Resp: 643
Ion Ratio Lower Upper
56 100
69 184.4 27.7 41.5#
84 113.3 70.9 106.3#

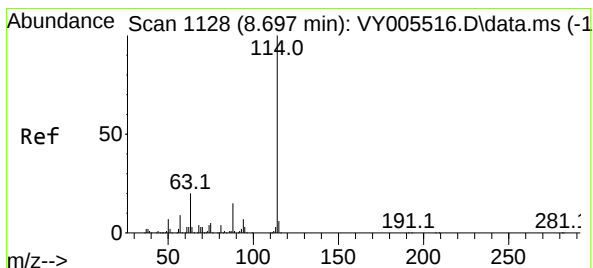
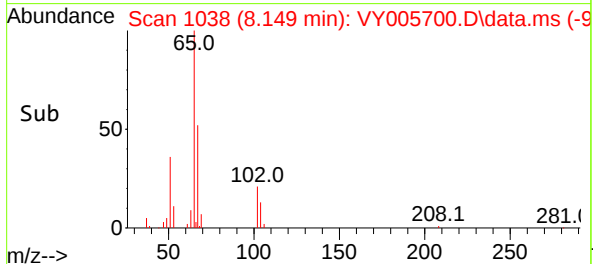
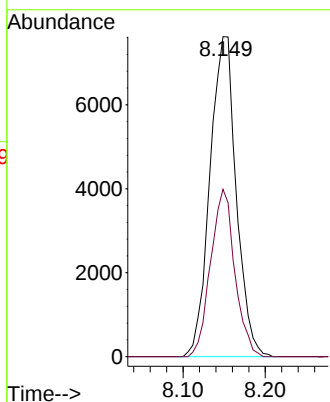
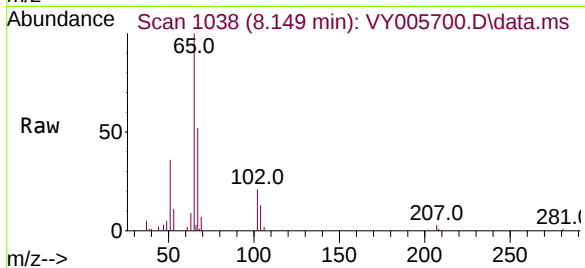




#33
1,2-Dichloroethane-d4
Concen: 53.456 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

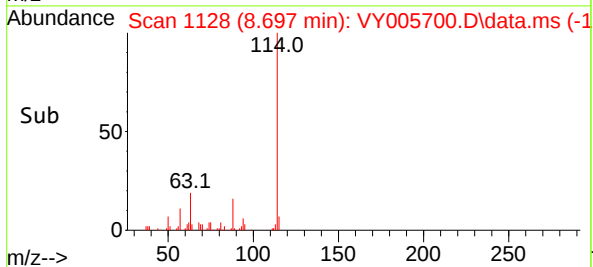
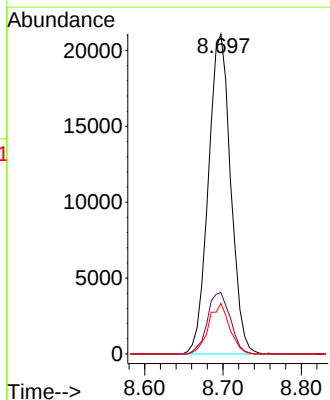
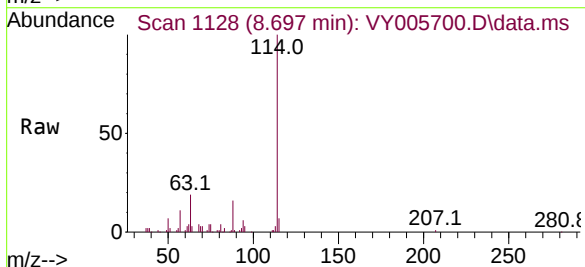
Instrument :
MSVOA_Y
ClientSampled :
23N

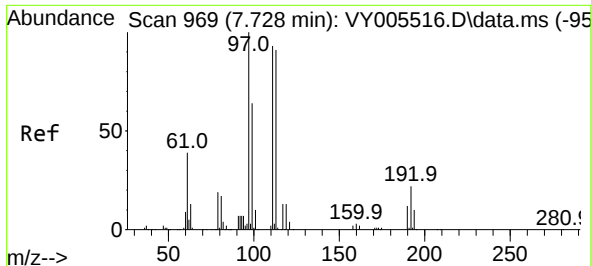
Tgt Ion: 65 Resp: 16966
Ion Ratio Lower Upper
65 100
67 48.0 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

Tgt Ion:114 Resp: 41682
Ion Ratio Lower Upper
114 100
63 19.2 0.0 39.2
88 15.8 0.0 30.8

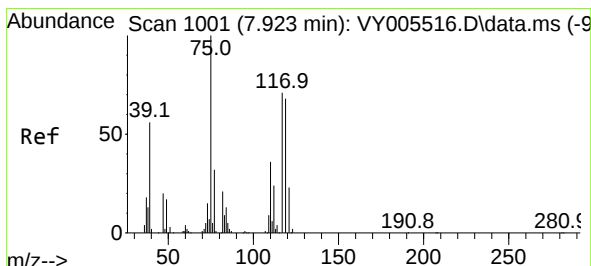
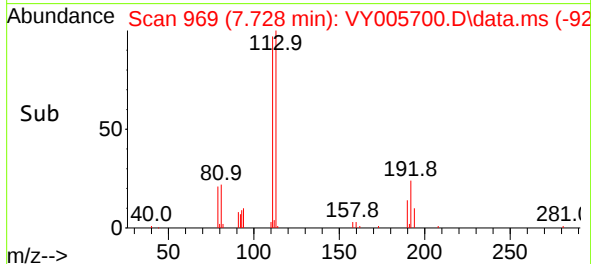
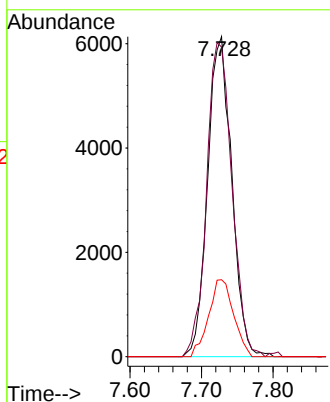
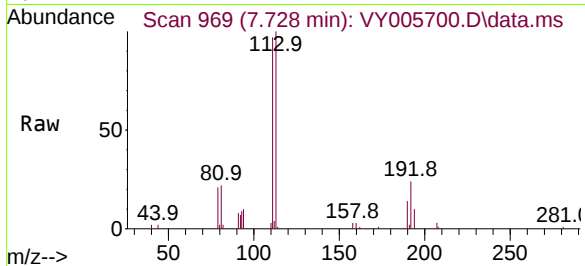




#35
Dibromofluoromethane
Concen: 61.697 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

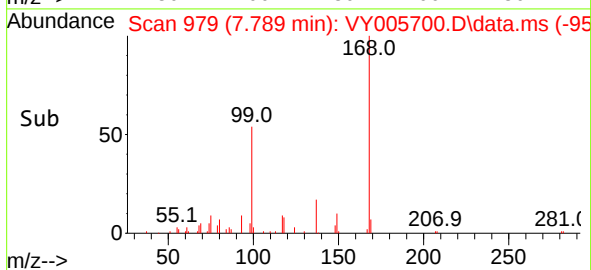
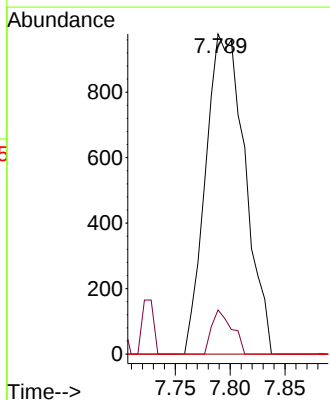
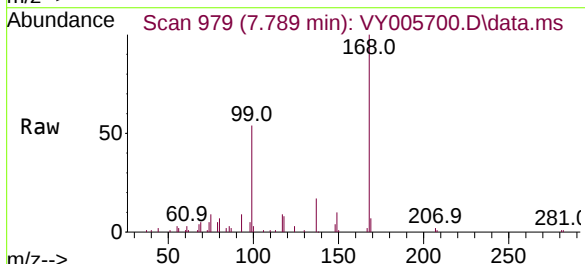
Instrument :
MSVOA_Y
ClientSampled :
23N

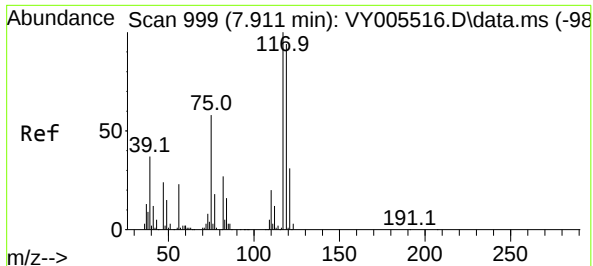
Tgt Ion:	113	Resp:	14398
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.9	122.9
192	24.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 6.246 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

Tgt Ion:	75	Resp:	2442
Ion	Ratio	Lower	Upper
75	100		
110	7.1	18.1	54.1#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 6.889 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY005700.D

Acq: 17 Aug 2021 04:17

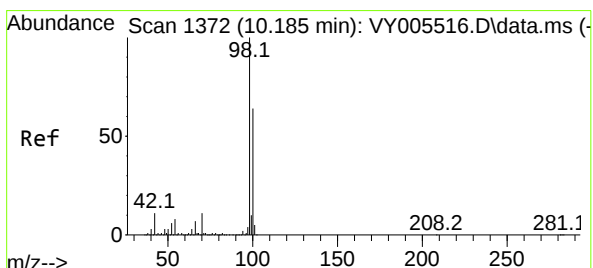
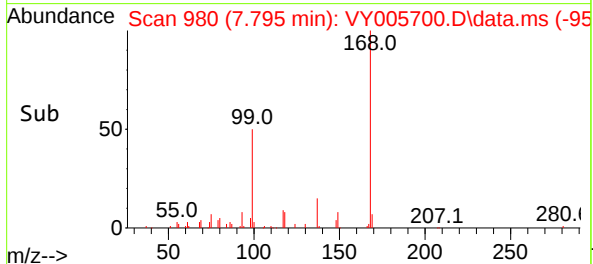
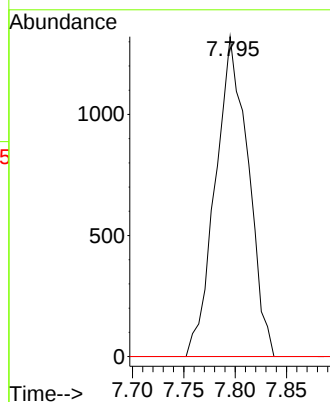
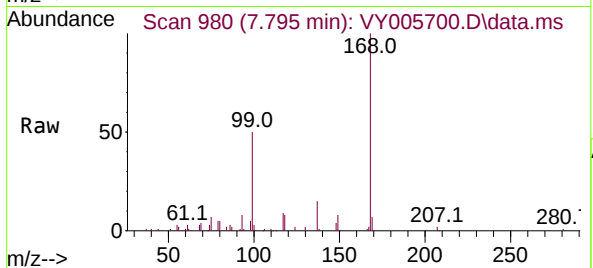
Instrument :

MSVOA_Y

ClientSampleId :

23N

Tgt Ion:117 Resp: 2927
 Ion Ratio Lower Upper
 117 100
 119 0.0 75.4 113.0#
 121 0.0 25.1 37.7#



#50

Toluene-d8

Concen: 53.052 ug/l

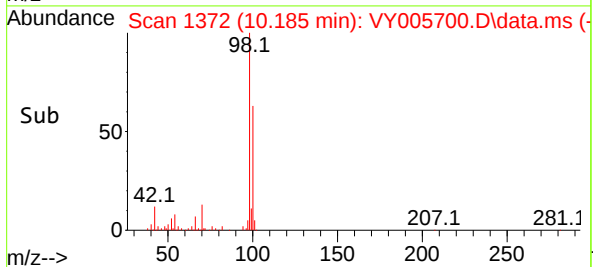
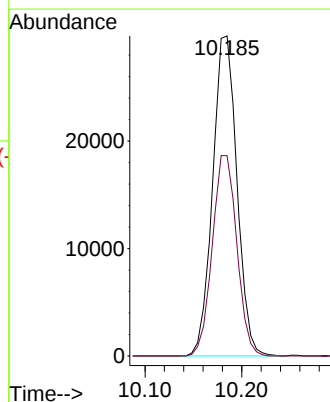
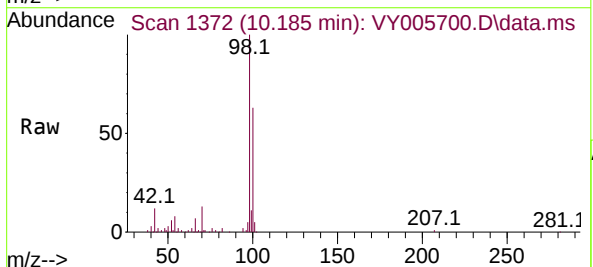
RT: 10.185 min Scan# 1372

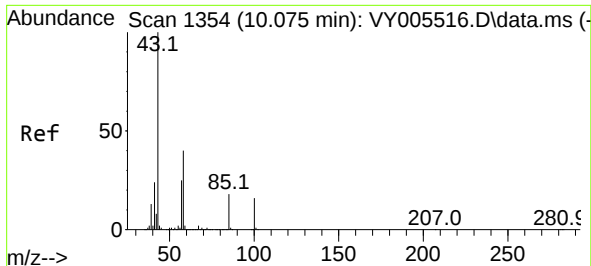
Delta R.T. -0.000 min

Lab File: VY005700.D

Acq: 17 Aug 2021 04:17

Tgt Ion: 98 Resp: 51923
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.3 76.9

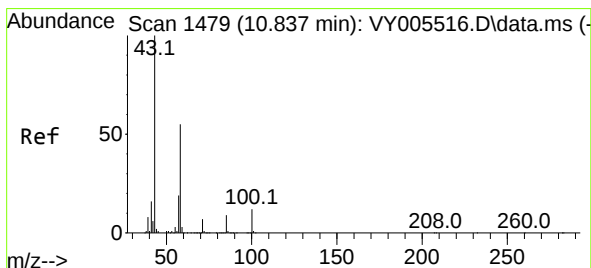
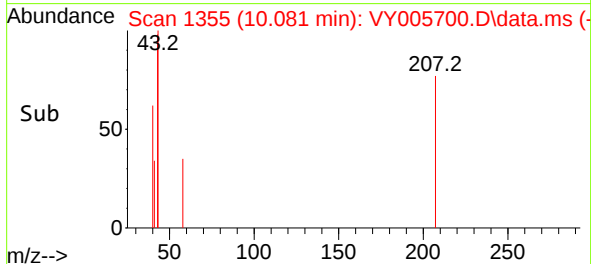
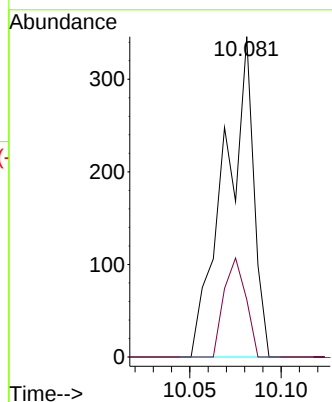
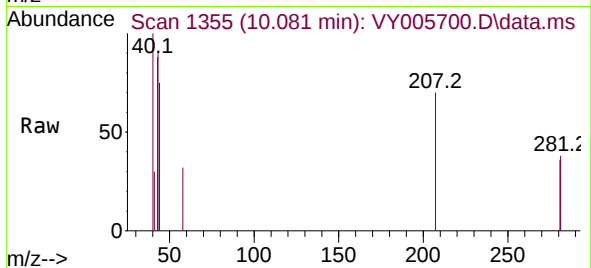




#51
4-Methyl-2-Pentanone
Concen: 1.613 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

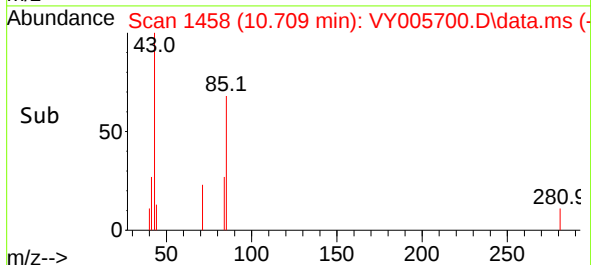
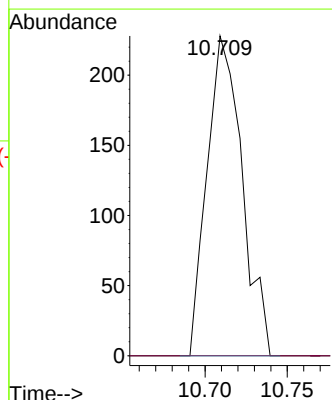
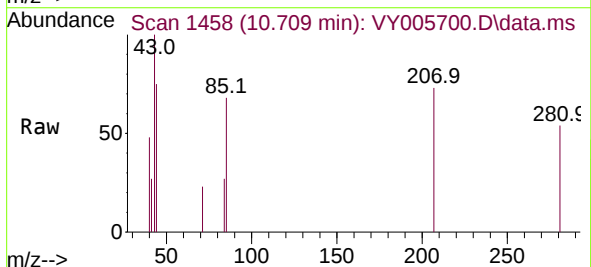
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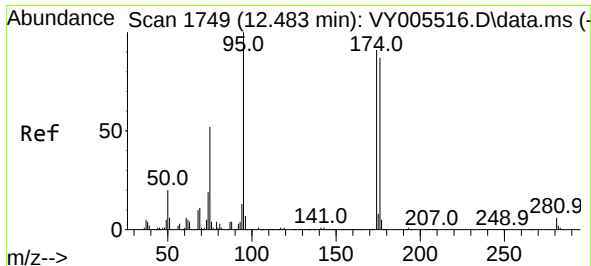
Tgt Ion: 43 Resp: 381
Ion Ratio Lower Upper
43 100
58 23.4 31.4 47.2#



#59
2-Hexanone
Concen: 2.025 ug/l
RT: 10.709 min Scan# 1458
Delta R.T. -0.128 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

Tgt Ion: 43 Resp: 338
Ion Ratio Lower Upper
43 100
58 0.0 27.1 81.2#

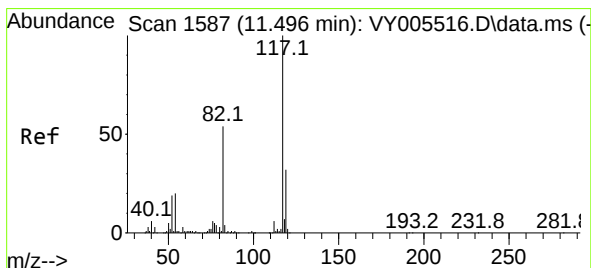
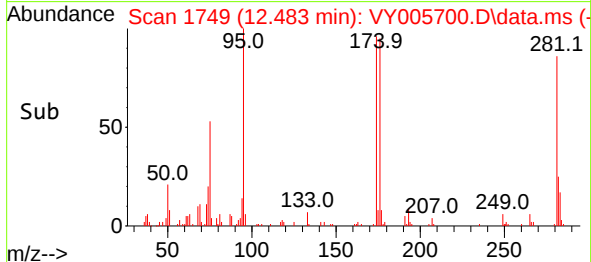
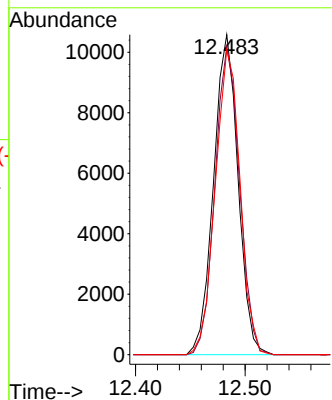
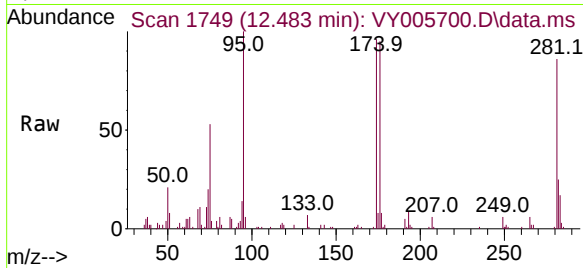




#62
4-Bromofluorobenzene
Concen: 50.755 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

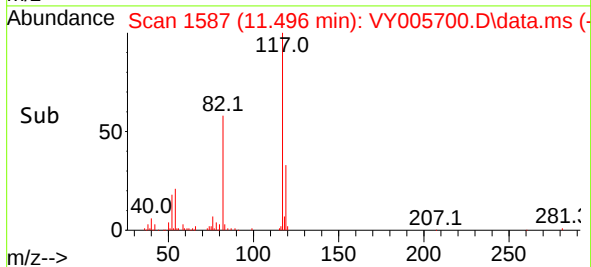
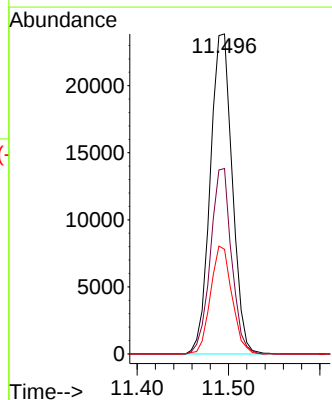
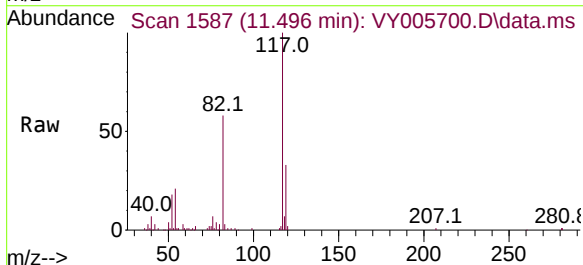
Instrument :
MSVOA_Y
ClientSampled :
23N

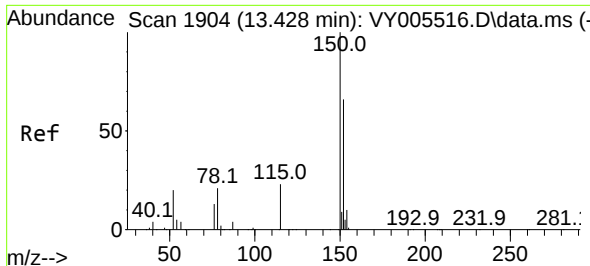
Tgt Ion:	95	Resp:	16450
Ion Ratio	Lower	Upper	
95	100		
174	96.6	0.0	191.4
176	96.0	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005700.D
Acq: 17 Aug 2021 04:17

Tgt Ion:	117	Resp:	39896
Ion Ratio	Lower	Upper	
117	100		
82	57.9	43.5	65.3
119	32.7	25.5	38.3

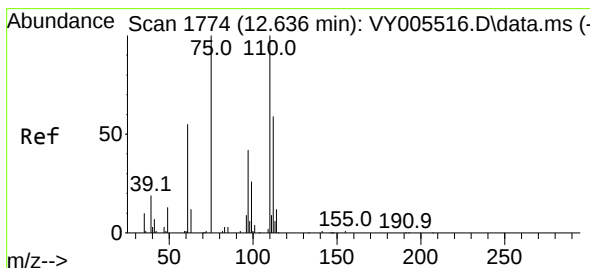
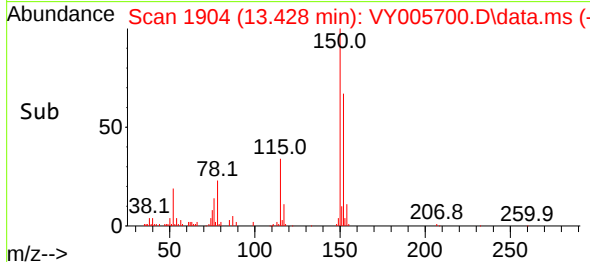
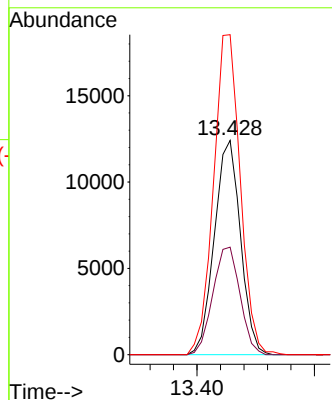
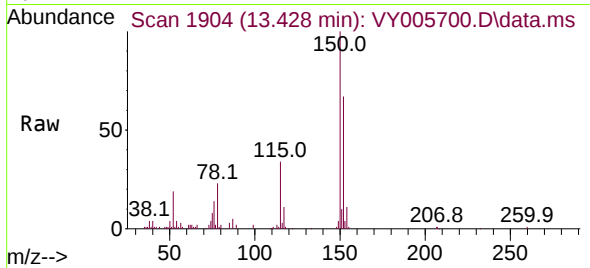




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005700.D
 Acq: 17 Aug 2021 04:17

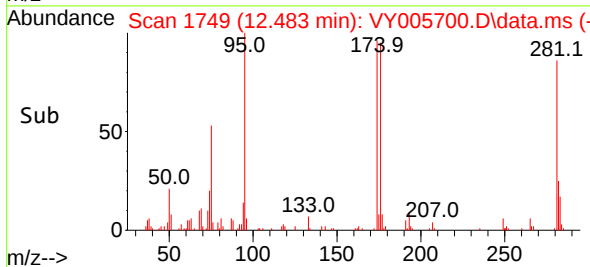
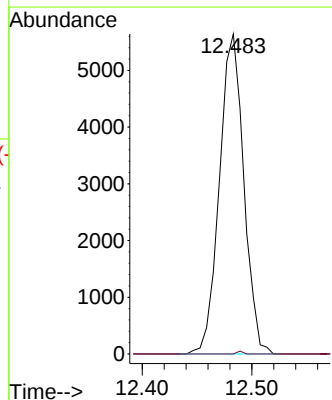
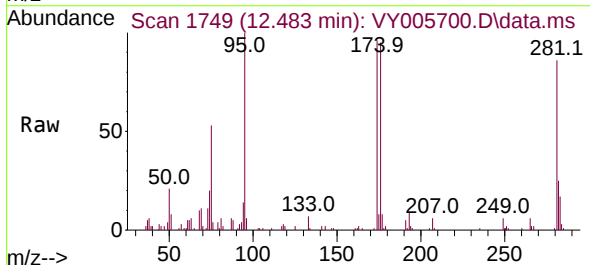
Instrument :
 MSVOA_Y
 ClientSampled :
 23N

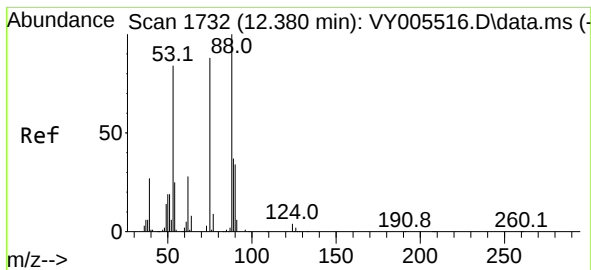
Tgt Ion:152 Resp: 19144
 Ion Ratio Lower Upper
 152 100
 115 52.2 27.3 81.9
 150 153.0 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 43.884 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005700.D
 Acq: 17 Aug 2021 04:17

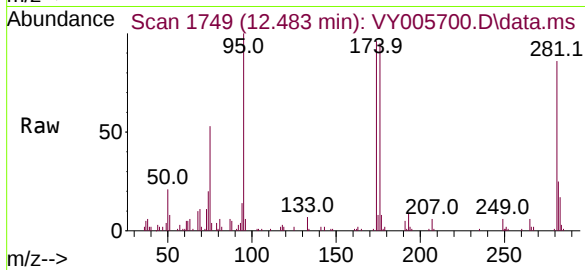
Tgt Ion: 75 Resp: 8706
 Ion Ratio Lower Upper
 75 100
 77 0.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.464 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005700.D
 Acq: 17 Aug 2021 04:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 23N



Tgt Ion: 75 Resp: 8706
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 0.0 38.4 57.6#

