

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081721\
 Data File : VY005722.D
 Acq On : 17 Aug 2021 19:48
 Operator : SY/MD
 Sample : M3430-04
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 01:53:37 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)

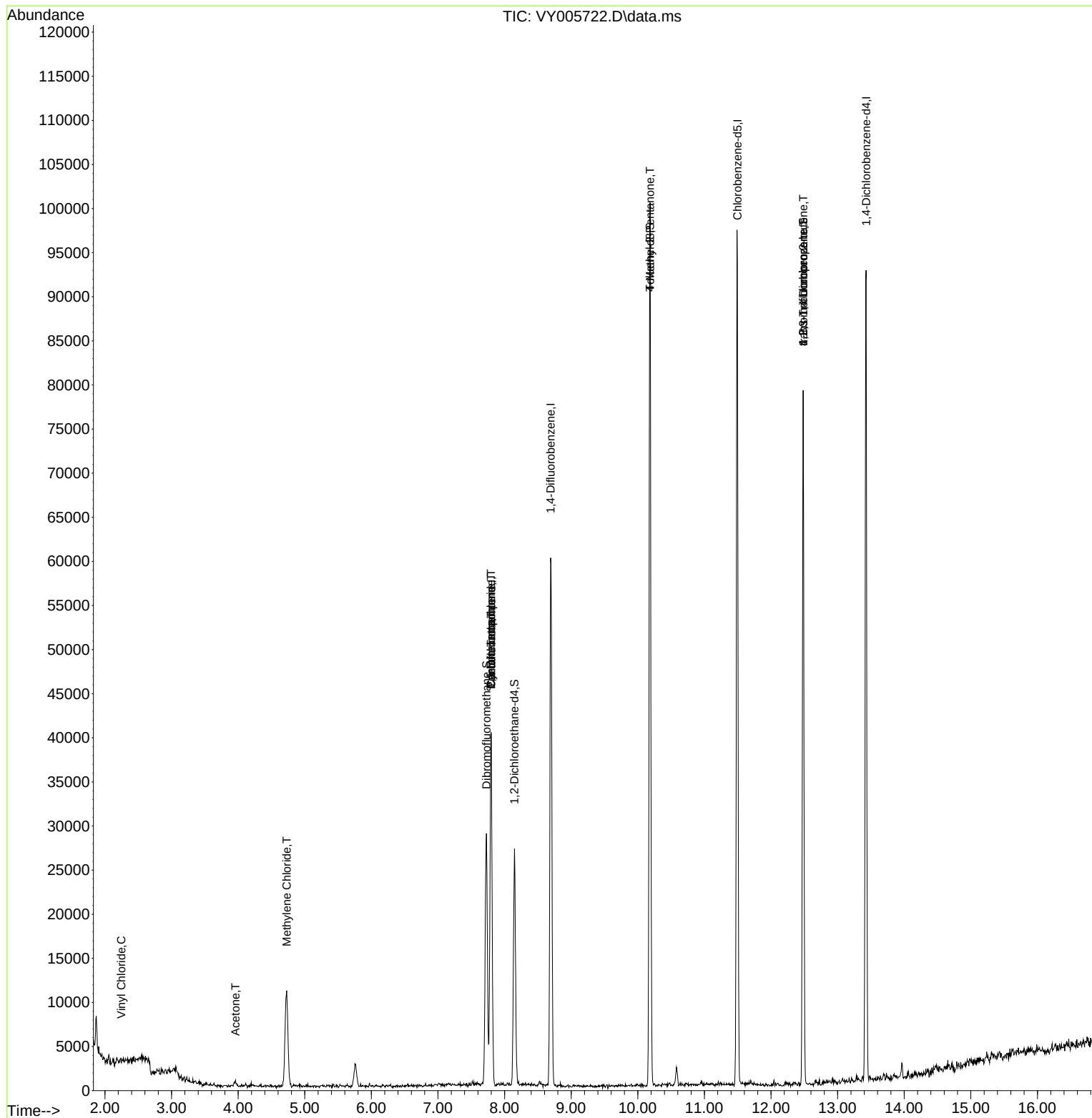
Internal Standards						
1) Pentafluorobenzene	7.801	168	32997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	52614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	51974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	24538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	21275	63.695	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.400%	
35) Dibromofluoromethane	7.728	113	19099	64.836	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.680%	
50) Toluene-d8	10.185	98	66012	53.433	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.860%	
62) 4-Bromofluorobenzene	12.483	95	21421	52.360	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.720%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.247	62	402	1.037	ug/l #	42
16) Acetone	3.960	43	822	9.761	ug/l	96
20) Methylene Chloride	4.728	84	8039	20.507	ug/l	92
31) Cyclohexane	7.795	56	665	1.161	ug/l #	31
36) 1,1-Dichloropropene	7.795	75	2415	4.894	ug/l #	47
38) Carbon Tetrachloride	7.795	117	2945	5.491	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	300	1.006	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	11725	46.110	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11725	92.951	ug/l #	11

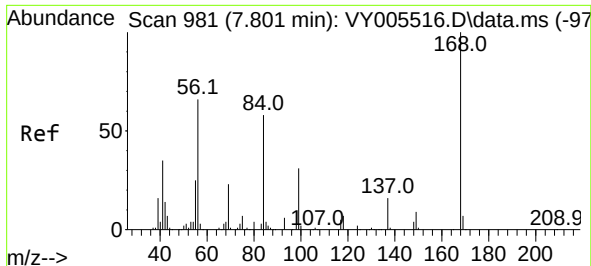
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

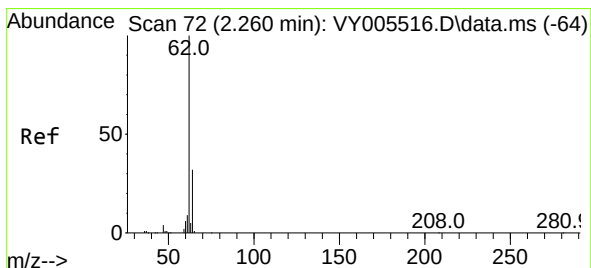
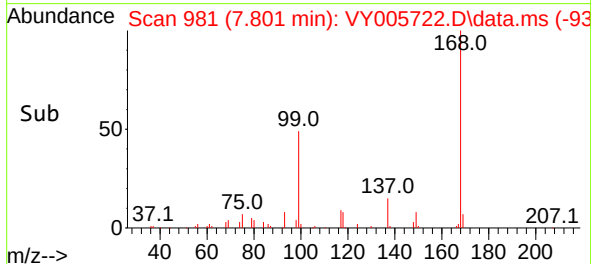
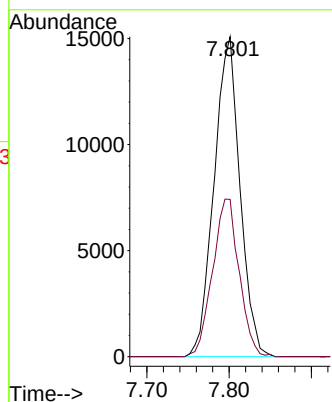
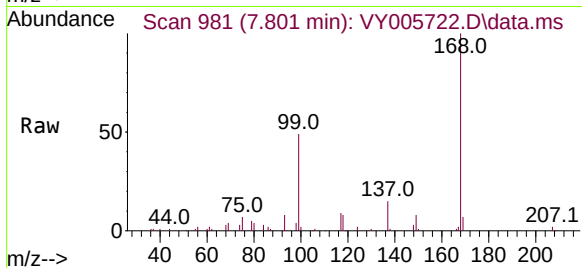




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

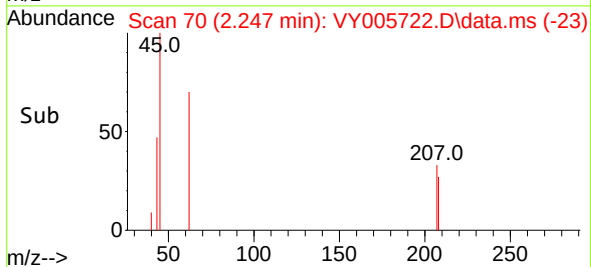
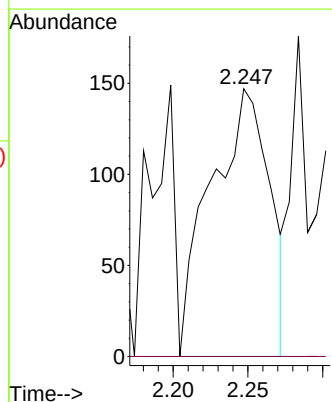
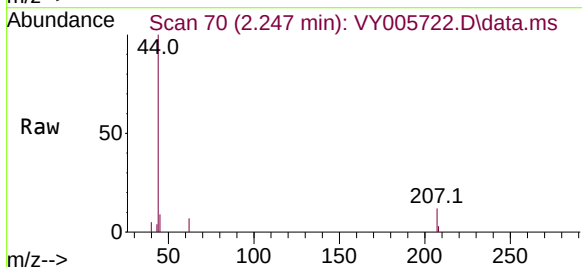
Instrument :
MSVOA_Y
ClientSampleId :

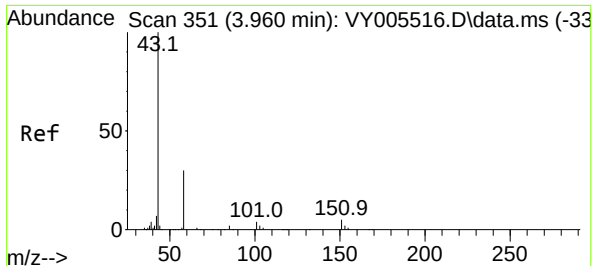
Tgt Ion:168 Resp: 32997
Ion Ratio Lower Upper
168 100
99 49.2 38.9 58.3



#4
Vinyl Chloride
Concen: 1.037 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.012 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion: 62 Resp: 402
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

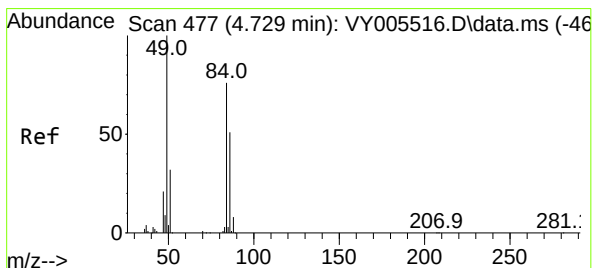
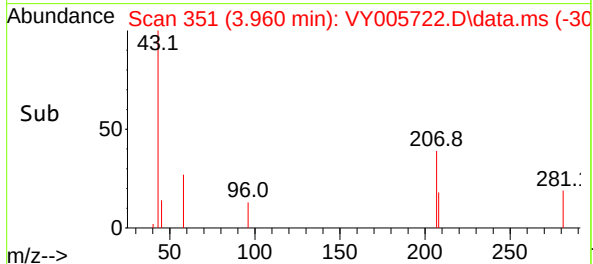
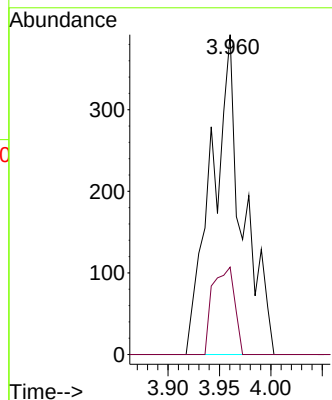
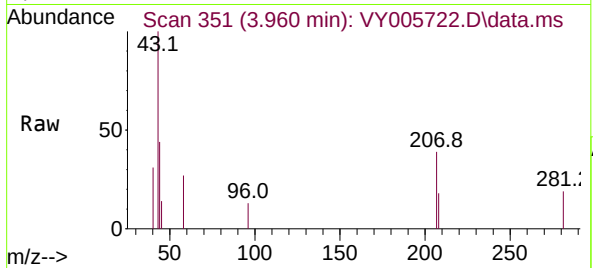




#16
Acetone
Concen: 9.761 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

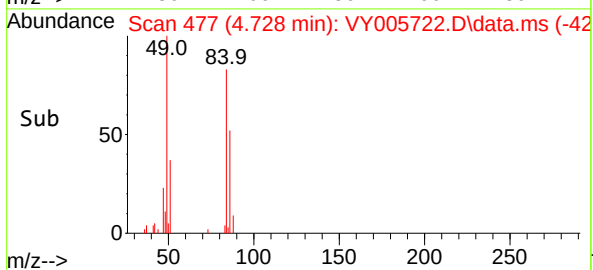
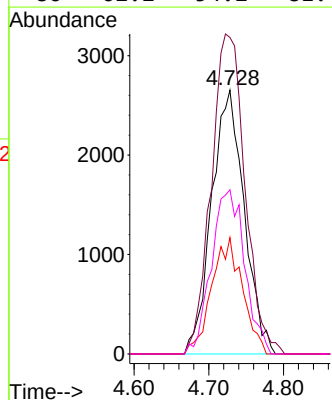
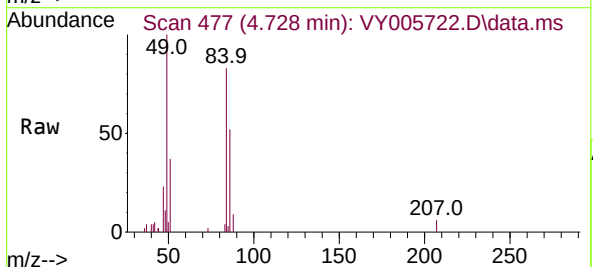
Instrument :
MSVOA_Y
ClientSampleId :

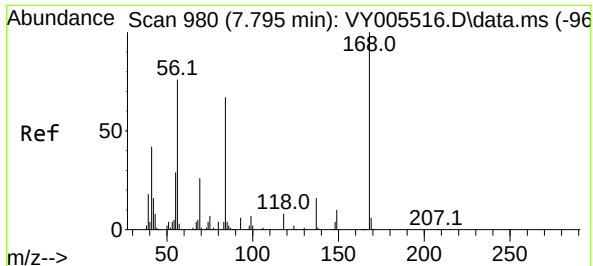
Tgt Ion: 43 Resp: 822
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.6



#20
Methylene Chloride
Concen: 20.507 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion: 84 Resp: 8039
Ion Ratio Lower Upper
84 100
49 119.9 105.8 158.6
51 44.0 33.4 50.2
86 62.2 54.2 81.4

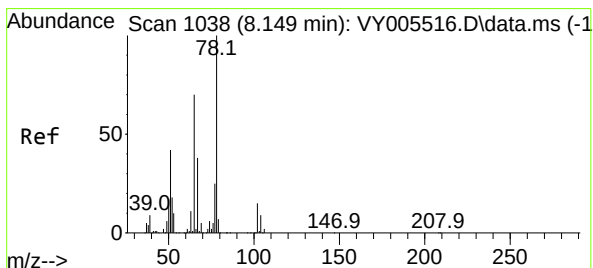
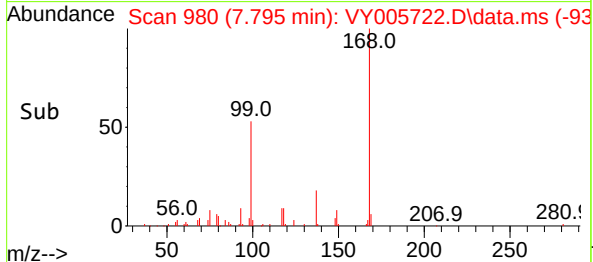
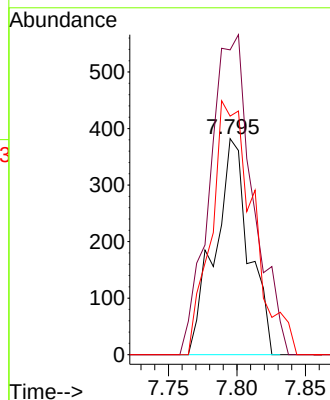
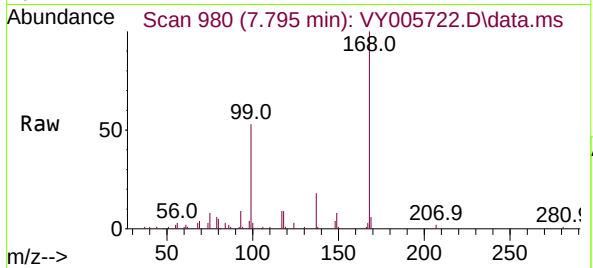




#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

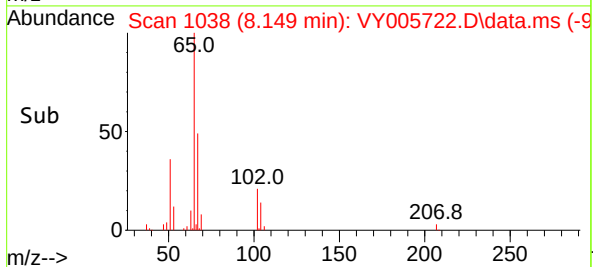
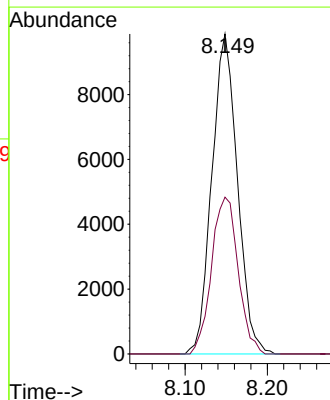
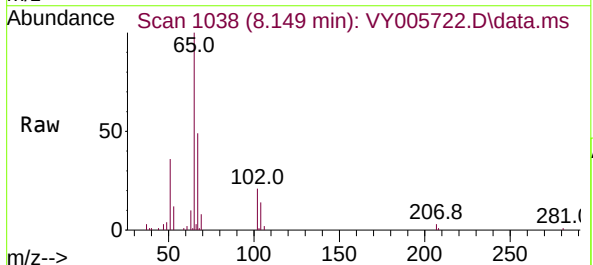
Instrument :
MSVOA_Y
ClientSampleId :

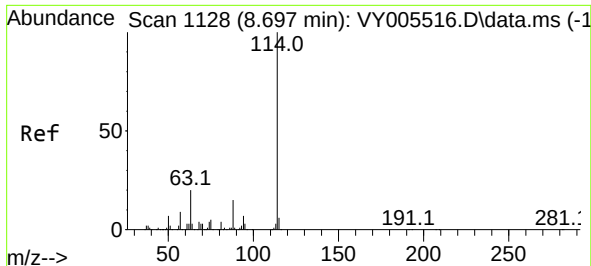
Tgt Ion: 56 Resp: 665
Ion Ratio Lower Upper
56 100
69 141.1 27.7 41.5#
84 110.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.695 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion: 65 Resp: 21275
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

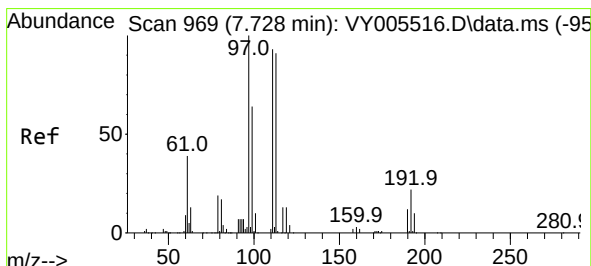
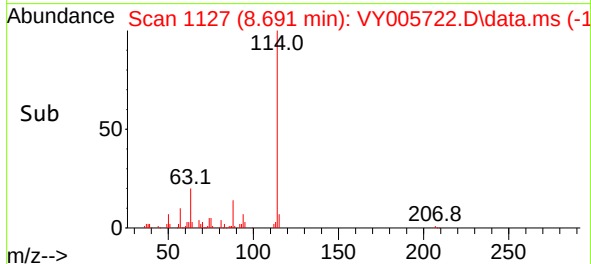
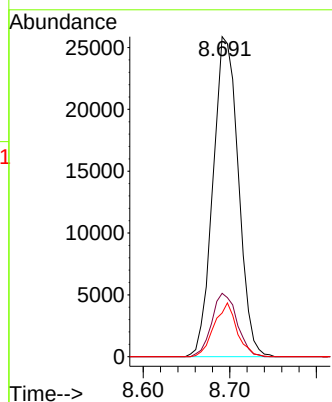
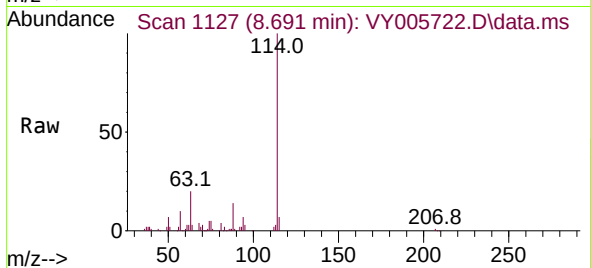




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

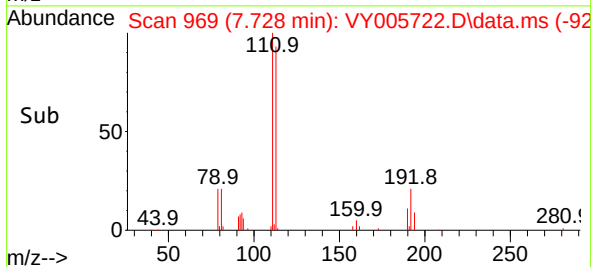
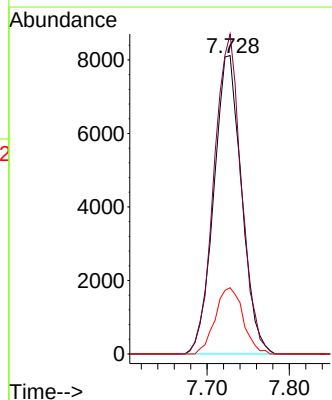
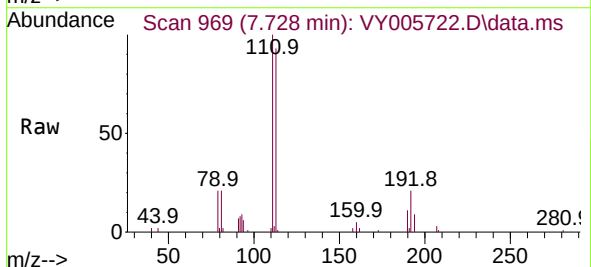
Instrument :
MSVOA_Y
ClientSampleId :

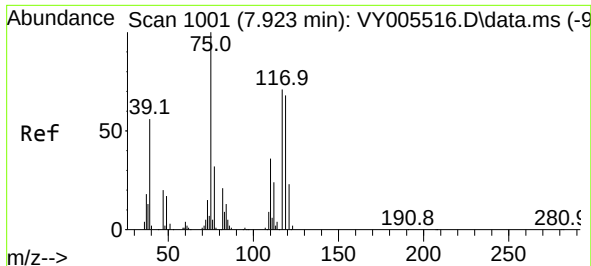
Tgt Ion:114	Resp:	52614
Ion Ratio	Lower	Upper
114	100	
63	19.8	0.0 39.2
88	13.6	0.0 30.8



#35
Dibromofluoromethane
Concen: 64.836 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion:113	Resp:	19099
Ion Ratio	Lower	Upper
113	100	
111	104.9	81.9 122.9
192	22.2	19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.894 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

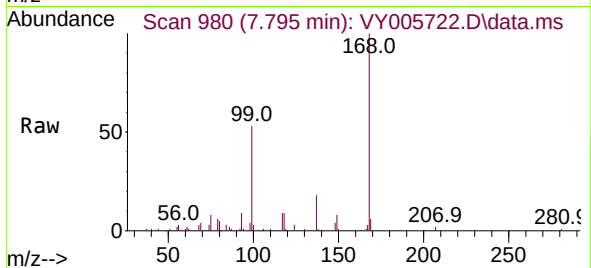
Lab File: VY005722.D

Acq: 17 Aug 2021 19:48

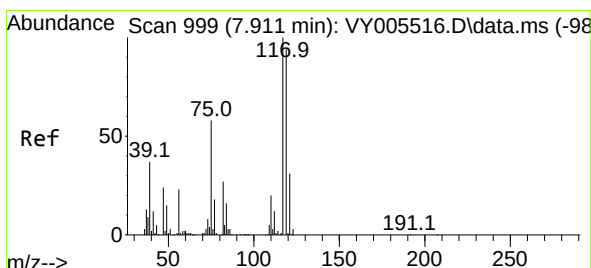
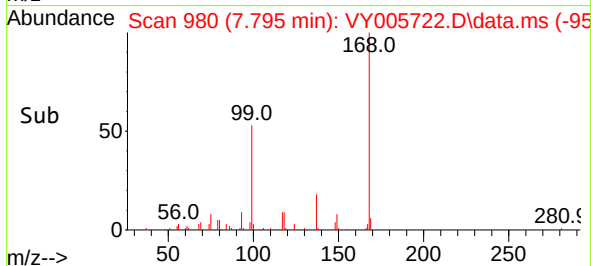
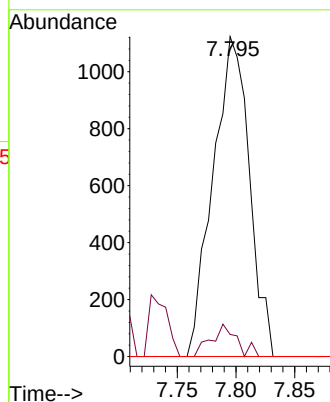
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	2415
Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.491 ug/l

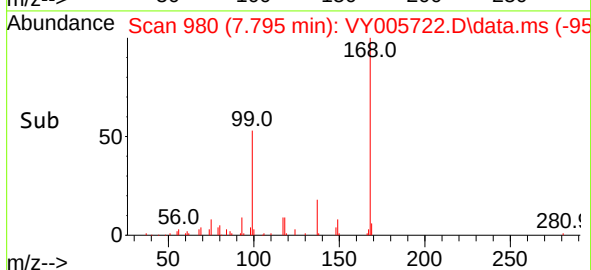
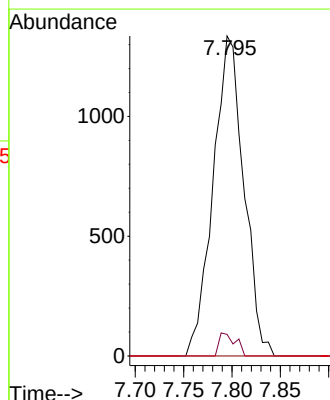
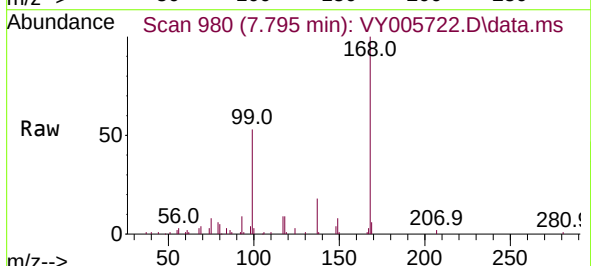
RT: 7.795 min Scan# 980

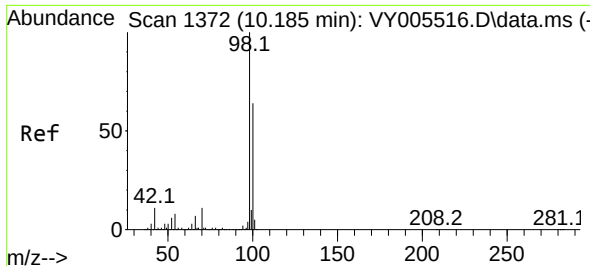
Delta R.T. -0.116 min

Lab File: VY005722.D

Acq: 17 Aug 2021 19:48

Tgt Ion:	117	Resp:	2945
Ion	Ratio	Lower	Upper
117	100		
119	6.7	75.4	113.0#
121	0.0	25.1	37.7#

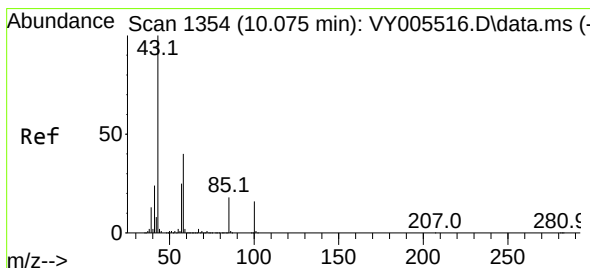
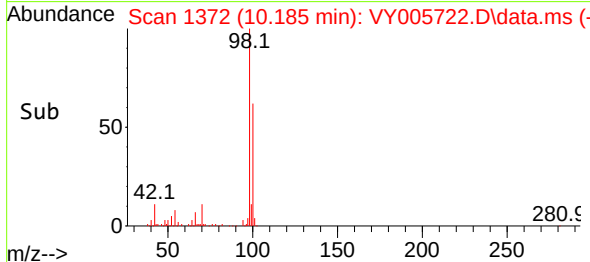
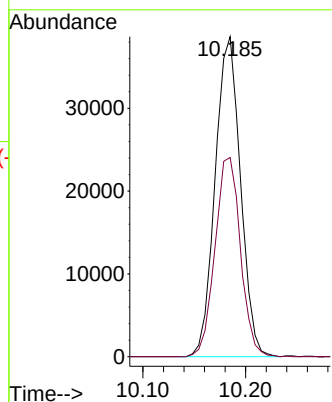
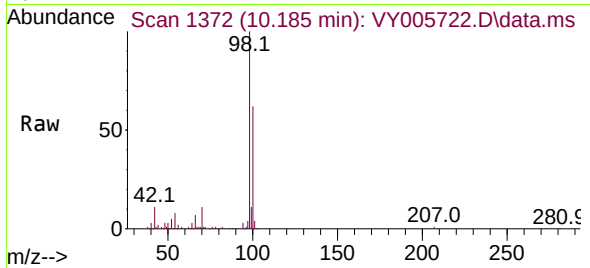




#50
Toluene-d8
Concen: 53.433 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

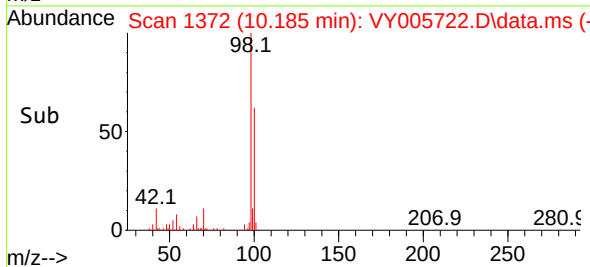
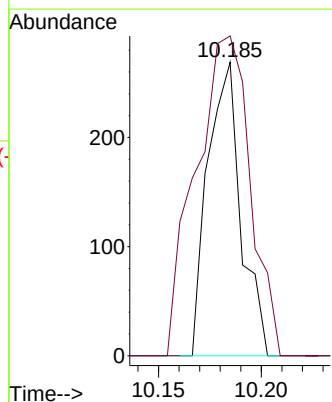
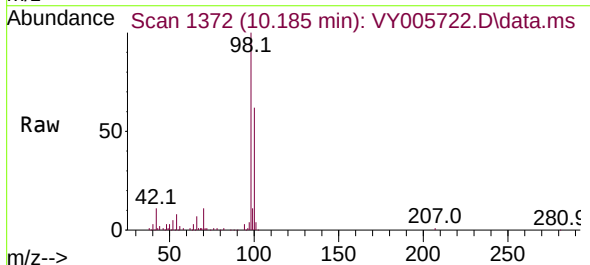
Instrument :
MSVOA_Y
ClientSampled :

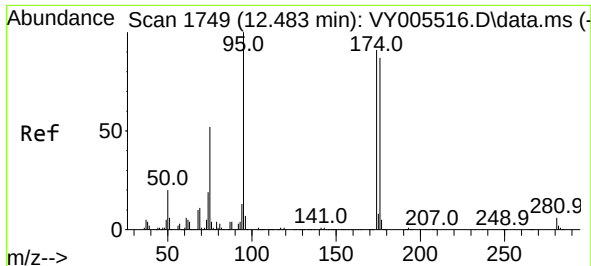
Tgt Ion: 98 Resp: 66012
Ion Ratio Lower Upper
98 100
100 62.6 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.006 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion: 43 Resp: 300
Ion Ratio Lower Upper
43 100
58 180.0 31.4 47.2#

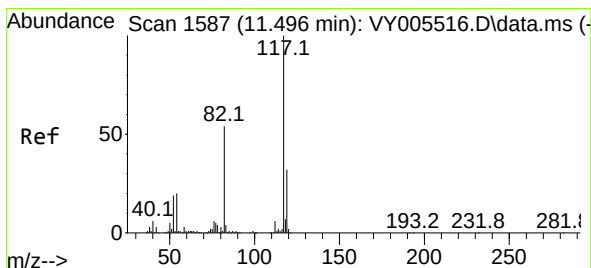
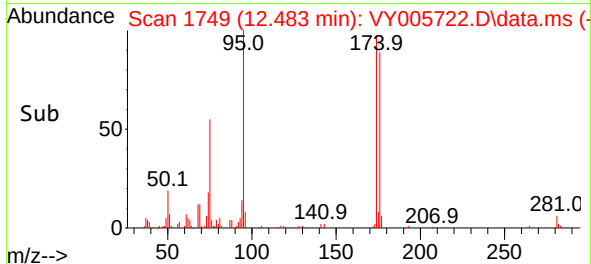
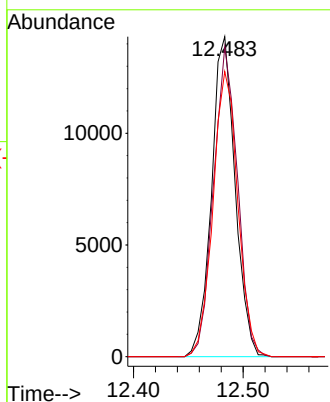
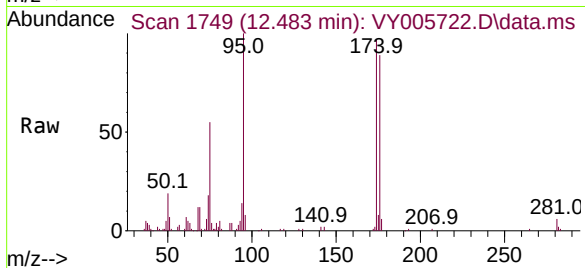




#62
4-Bromofluorobenzene
Concen: 52.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

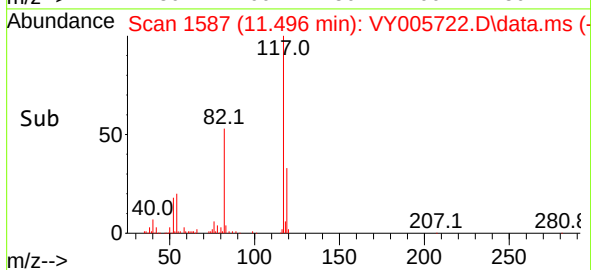
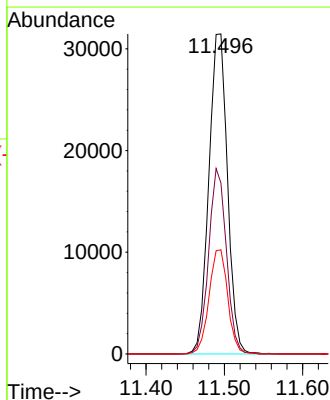
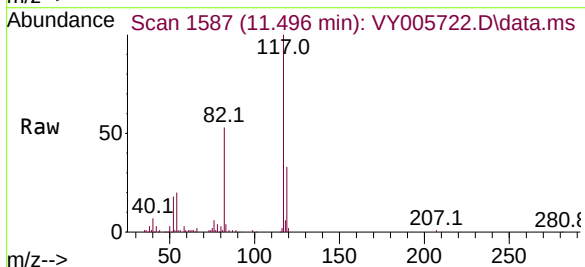
Instrument :
MSVOA_Y
ClientSampleId :

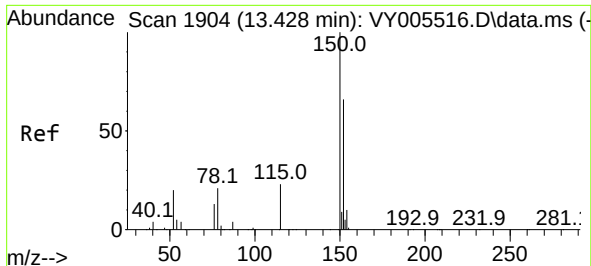
Tgt Ion:	95	Resp:	21421
Ion Ratio	Lower	Upper	
95	100		
174	98.4	0.0	191.4
176	93.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005722.D
Acq: 17 Aug 2021 19:48

Tgt Ion:	117	Resp:	51974
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.5	65.3
119	32.5	25.5	38.3

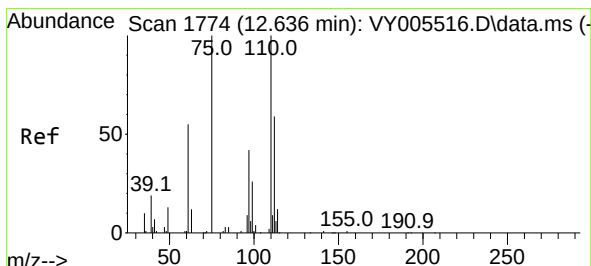
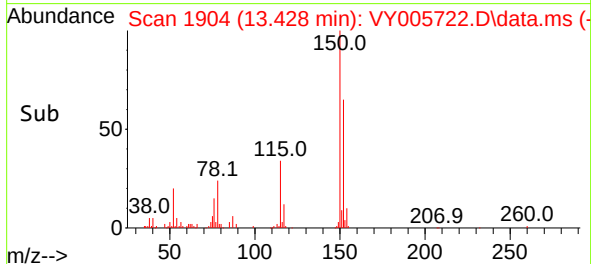
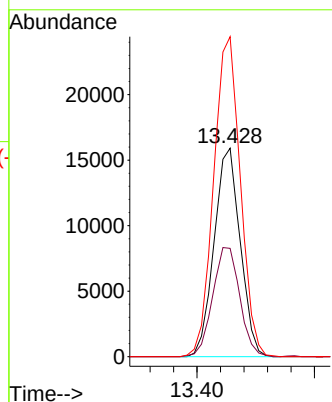
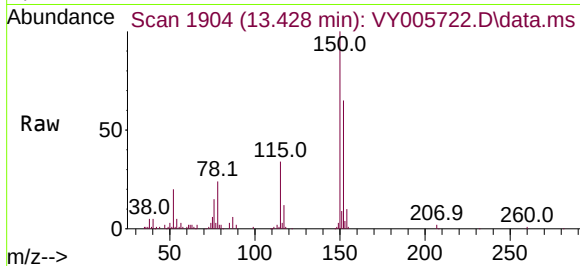




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005722.D
 Acq: 17 Aug 2021 19:48

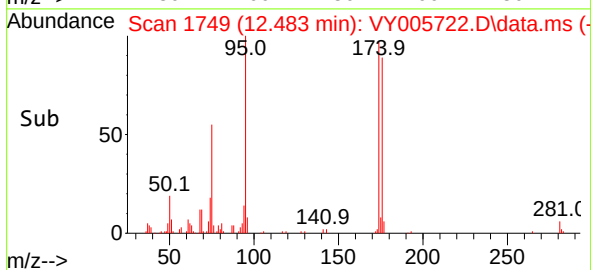
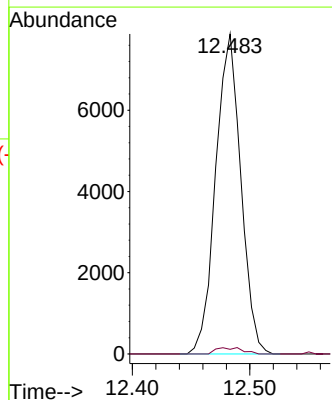
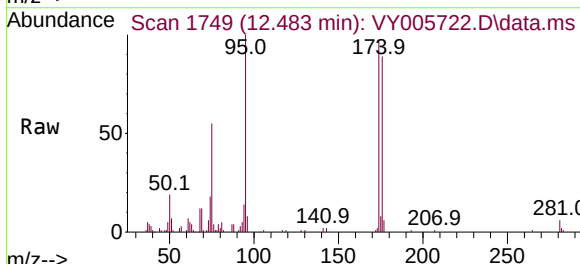
Instrument :
 MSVOA_Y
 ClientSampled :

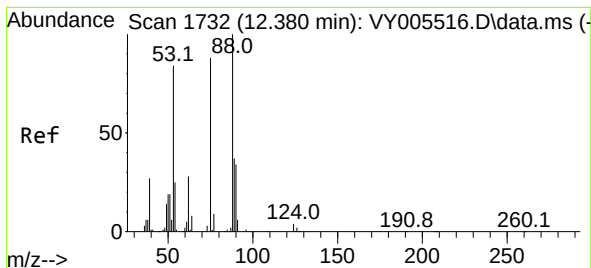
Tgt Ion:152 Resp: 24538
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.3 81.9
 150 156.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.110 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005722.D
 Acq: 17 Aug 2021 19:48

Tgt Ion: 75 Resp: 11725
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 92.951 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.103 min

Lab File: VY005722.D

Acq: 17 Aug 2021 19:48

Tgt Ion: 75 Resp: 11725

Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.0 38.4 57.6#

