

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005866.D
 Acq On : 26 Aug 2021 17:14
 Operator : SY/MD
 Sample : M3557-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-082621

Quant Time: Aug 27 03:26:50 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)

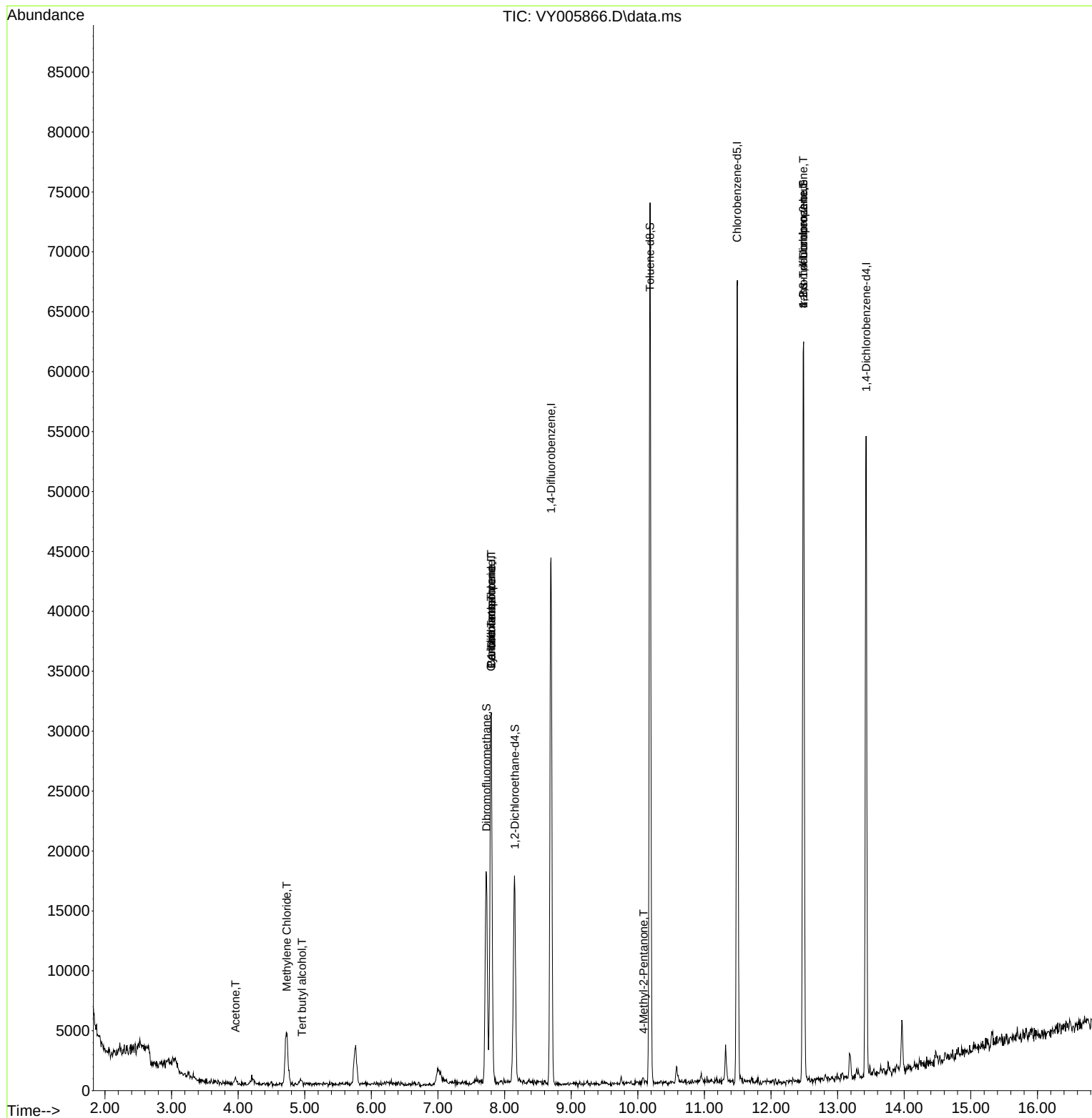
Internal Standards						
1) Pentafluorobenzene	7.801	168	25955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	38051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	36981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	13880	52.830	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.660%	
35) Dibromofluoromethane	7.728	113	12184	57.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.380%	
50) Toluene-d8	10.185	98	48384	54.153	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.483	95	13390	45.256	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	337	12.975	ug/l #	73
16) Acetone	3.960	43	925	13.964	ug/l	93
20) Methylene Chloride	4.729	84	3508	8.303	ug/l	88
31) Cyclohexane	7.795	56	509	1.129	ug/l #	24
36) 1,1-Dichloropropene	7.801	75	1833	5.136	ug/l #	44
38) Carbon Tetrachloride	7.801	117	2303	5.937	ug/l #	13
51) 4-Methyl-2-Pentanone	10.087	43	457	2.120	ug/l #	85
76) 1,2,3-Trichloropropane	12.483	75	7732	50.183	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7732	101.163	ug/l #	11

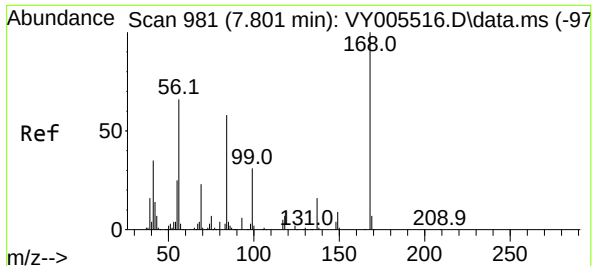
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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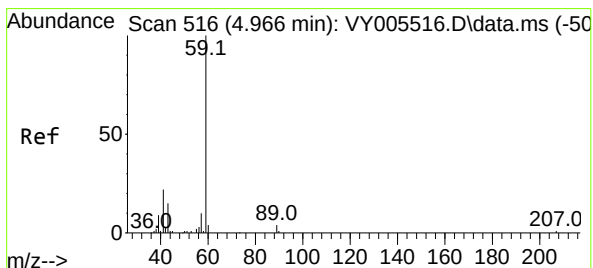
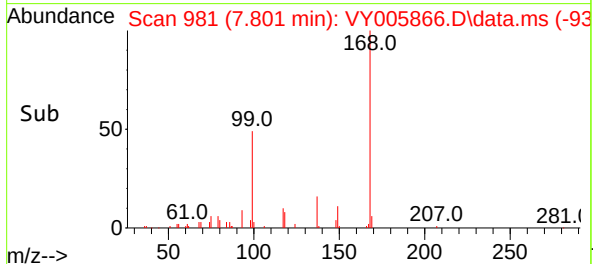
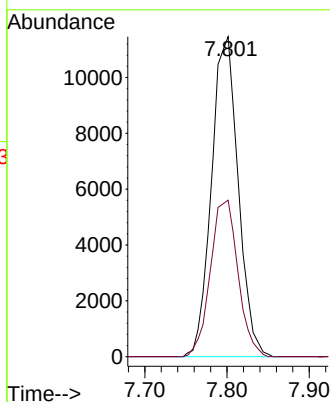
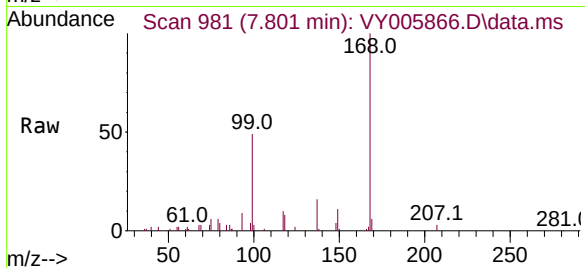




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

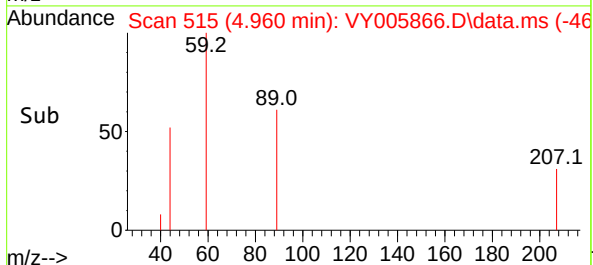
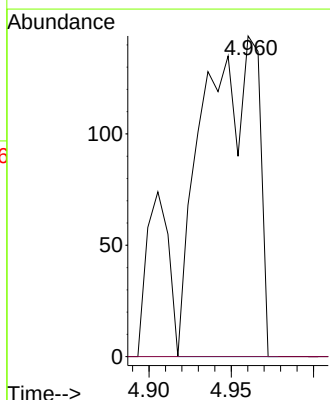
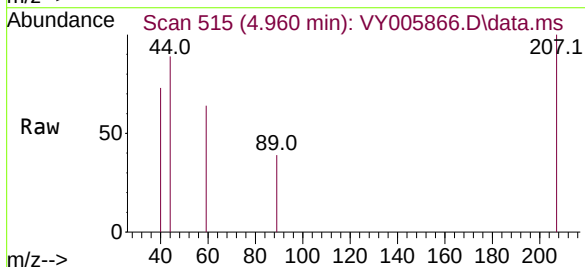
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082621

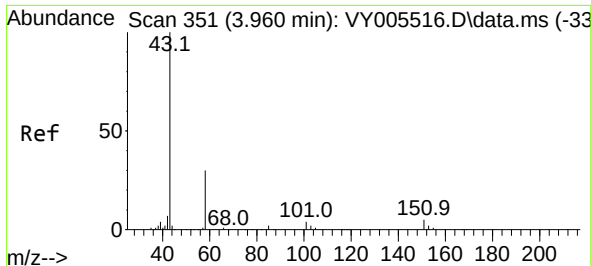
Tgt Ion:168 Resp: 25955
Ion Ratio Lower Upper
168 100
99 48.9 38.9 58.3



#11
Tert butyl alcohol
Concen: 12.975 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

Tgt Ion: 59 Resp: 337
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

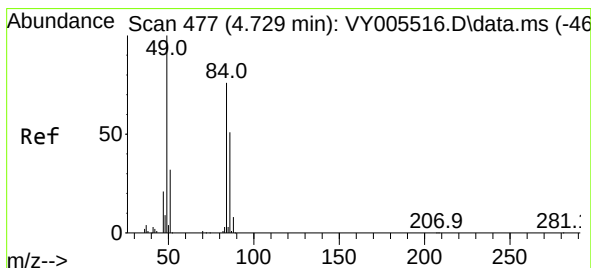
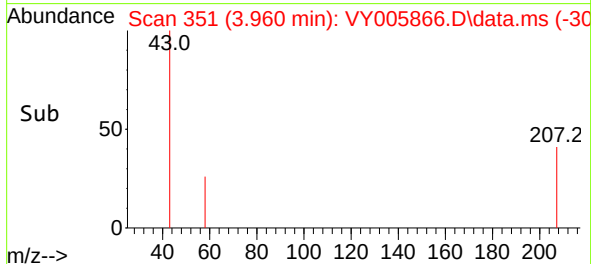
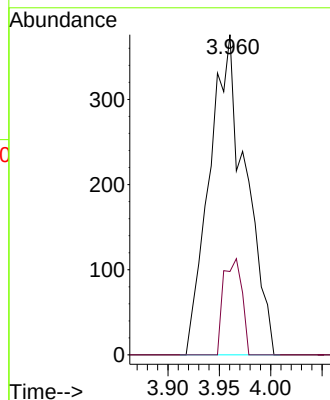
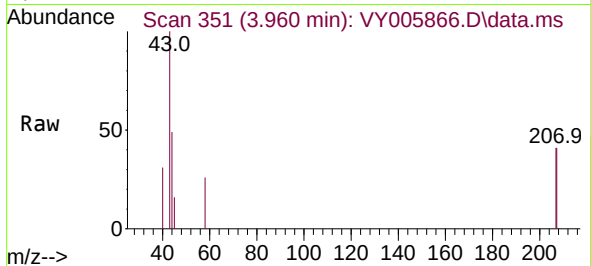




#16
Acetone
Concen: 13.964 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

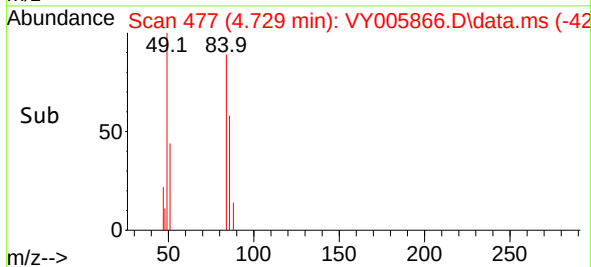
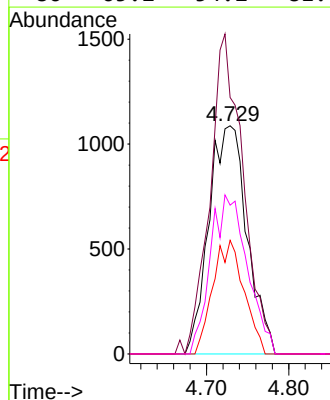
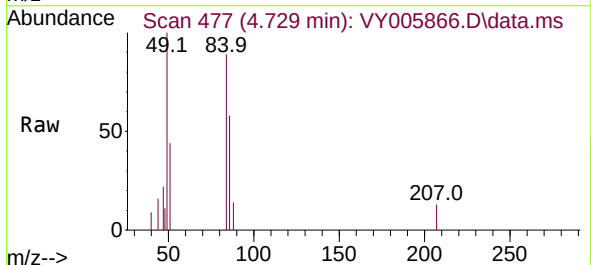
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082621

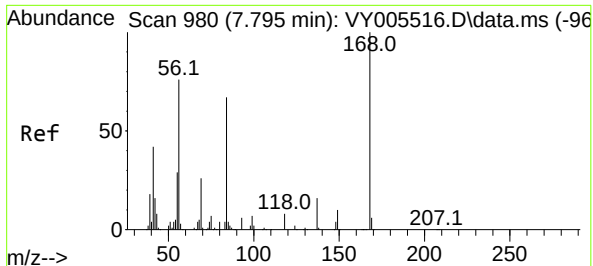
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 26.1 23.8 35.6



#20
Methylene Chloride
Concen: 8.303 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

Tgt Ion: 84 Resp: 3508
Ion Ratio Lower Upper
84 100
49 112.4 105.8 158.6
51 49.8 33.4 50.2
86 65.2 54.2 81.4

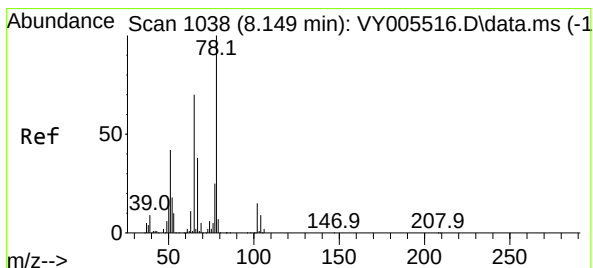
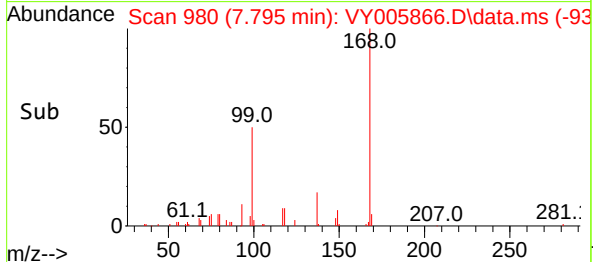
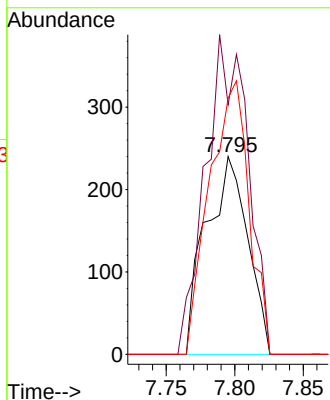
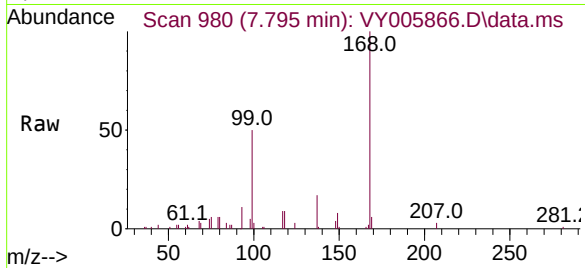




#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

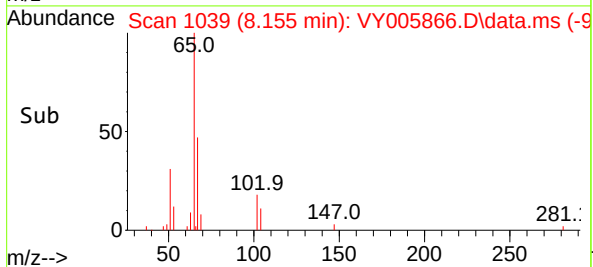
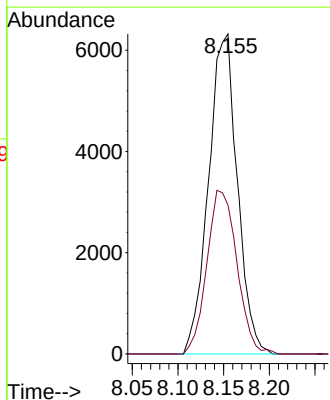
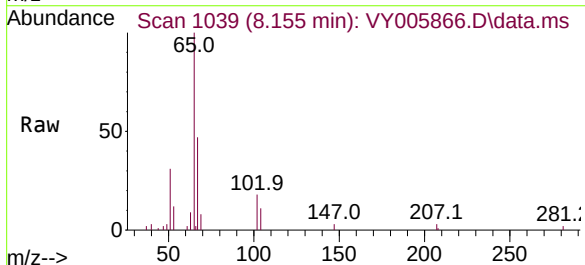
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082621

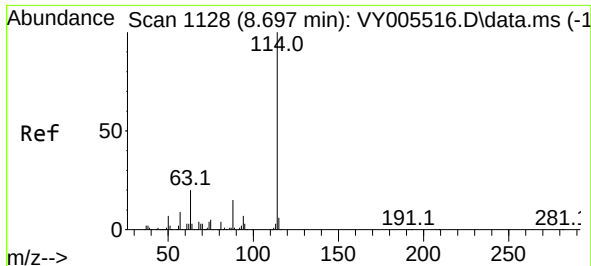
Tgt Ion: 56 Resp: 509
Ion Ratio Lower Upper
56 100
69 126.3 27.7 41.5#
84 129.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 52.830 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

Tgt Ion: 65 Resp: 13880
Ion Ratio Lower Upper
65 100
67 53.3 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: VY005866.D

Acq: 26 Aug 2021 17:14

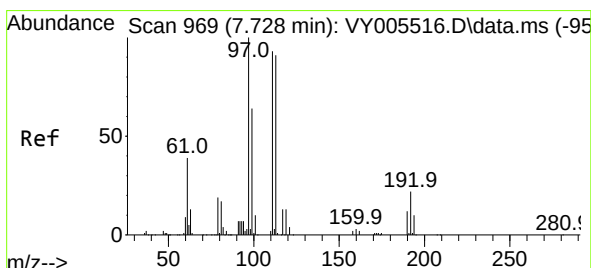
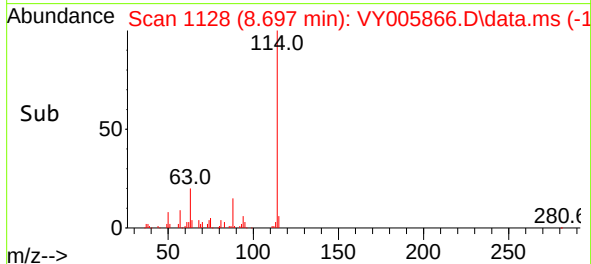
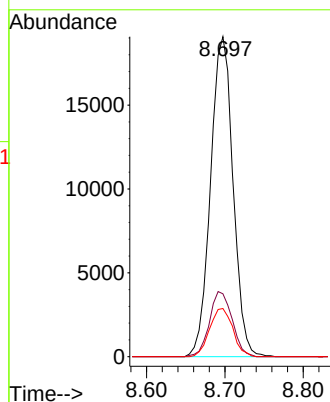
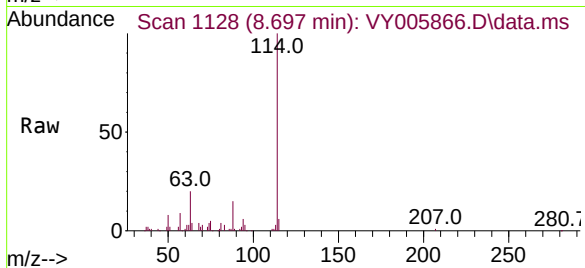
Instrument :

MSVOA_Y

ClientSampleId :

OK-02-082621

Tgt Ion:	114	Resp:	38051
Ion Ratio	Lower	Upper	
114	100		
63	19.6	0.0	39.2
88	15.1	0.0	30.8



#35

Dibromofluoromethane

Concen: 57.192 ug/l

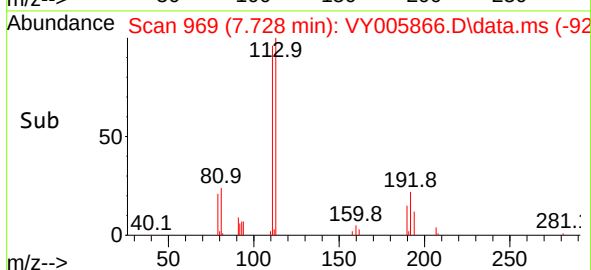
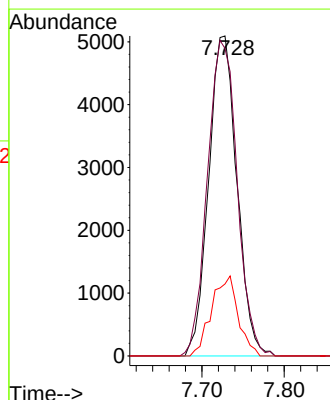
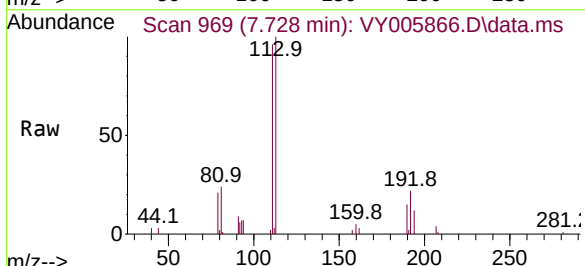
RT: 7.728 min Scan# 969

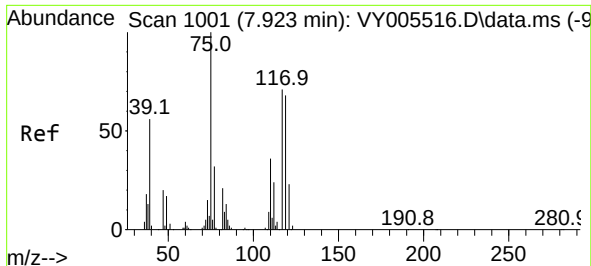
Delta R.T. -0.000 min

Lab File: VY005866.D

Acq: 26 Aug 2021 17:14

Tgt Ion:	113	Resp:	12184
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.9	122.9
192	23.5	19.2	28.8





#36

1,1-Dichloropropene

Concen: 5.136 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY005866.D

Acq: 26 Aug 2021 17:14

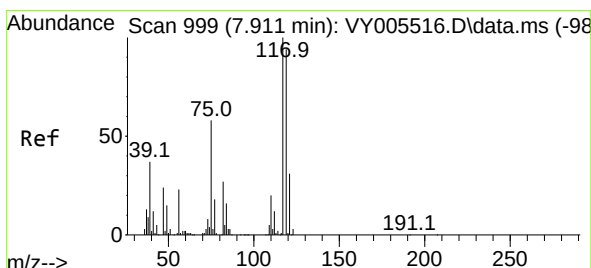
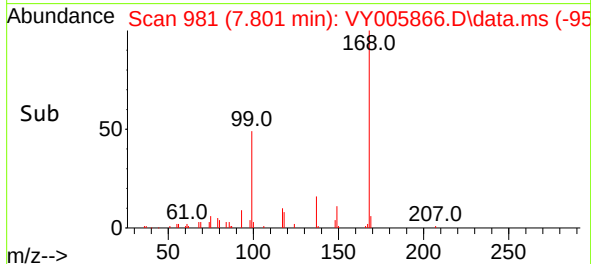
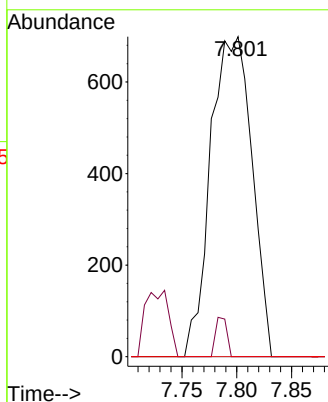
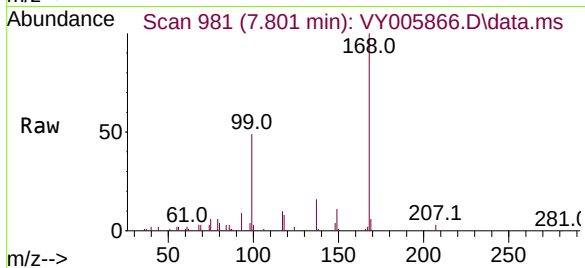
Instrument :

MSVOA_Y

ClientSampleId :

OK-02-082621

Tgt Ion:	75	Resp:	1833
Ion	Ratio	Lower	Upper
75	100		
110	3.3	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.937 ug/l

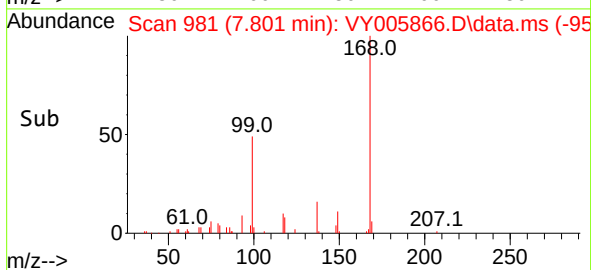
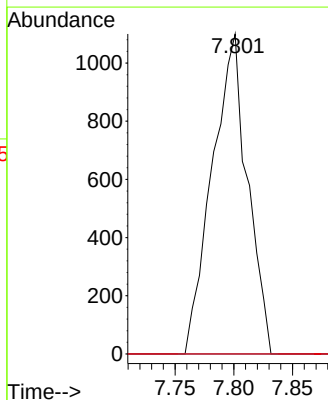
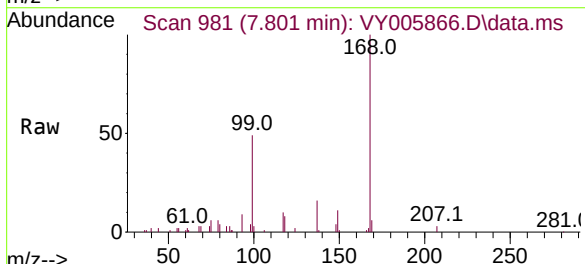
RT: 7.801 min Scan# 981

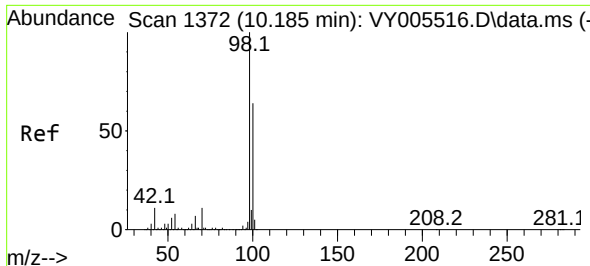
Delta R.T. -0.110 min

Lab File: VY005866.D

Acq: 26 Aug 2021 17:14

Tgt Ion:	117	Resp:	2303
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.0#
121	0.0	25.1	37.7#

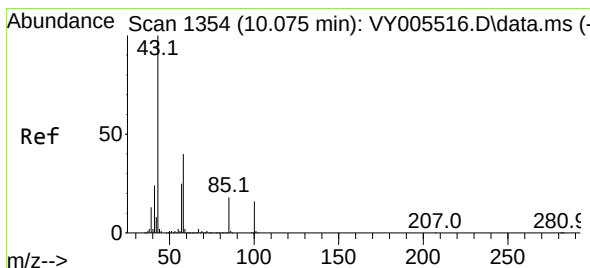
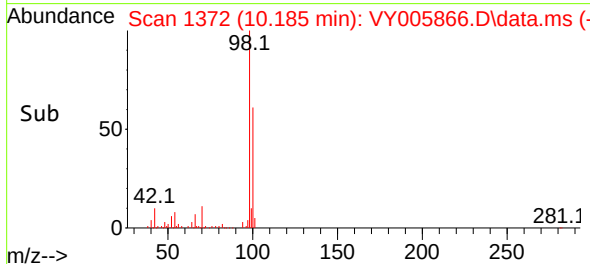
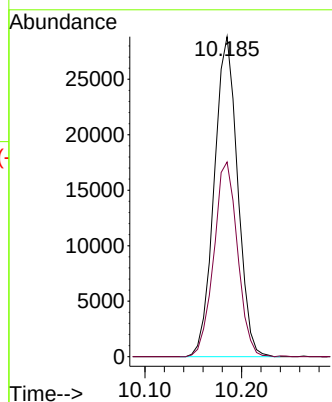
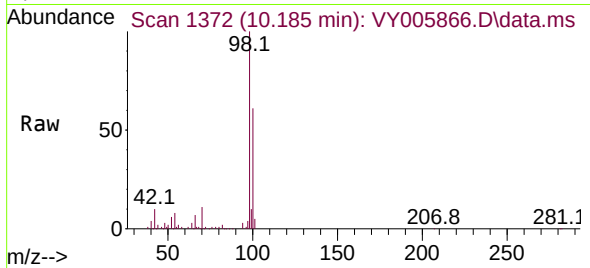




#50
Toluene-d8
Concen: 54.153 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

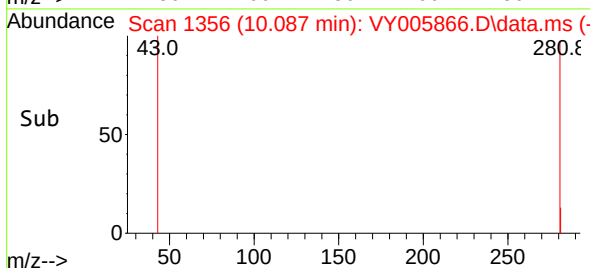
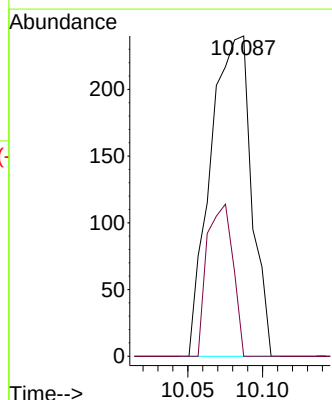
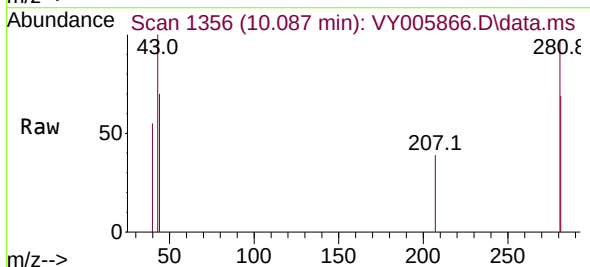
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082621

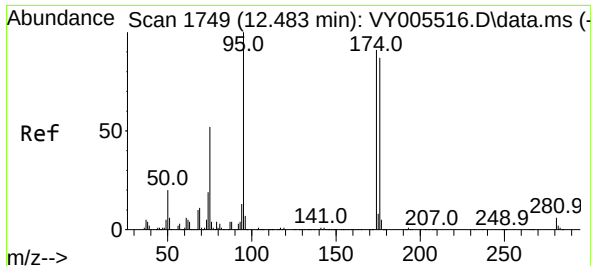
Tgt Ion: 98 Resp: 48384
Ion Ratio Lower Upper
98 100
100 61.5 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 2.120 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. 0.012 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

Tgt Ion: 43 Resp: 457
Ion Ratio Lower Upper
43 100
58 30.0 31.4 47.2#

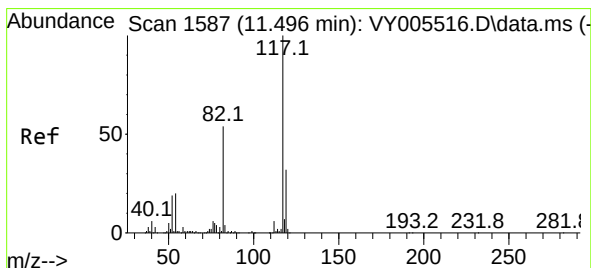
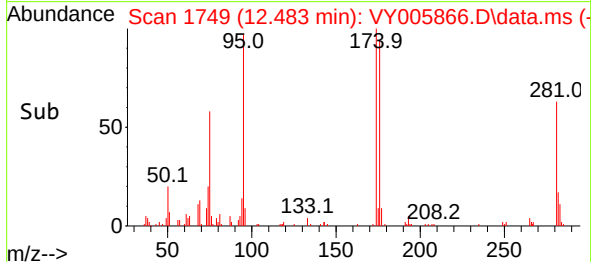
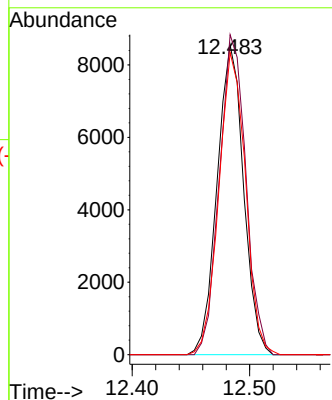
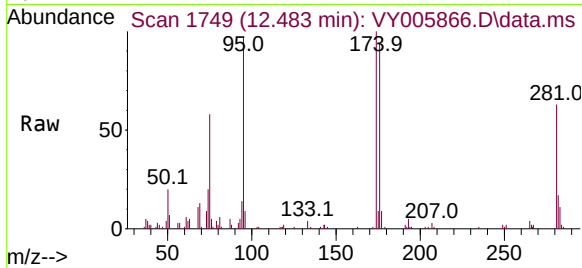




#62
4-Bromofluorobenzene
Concen: 45.256 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

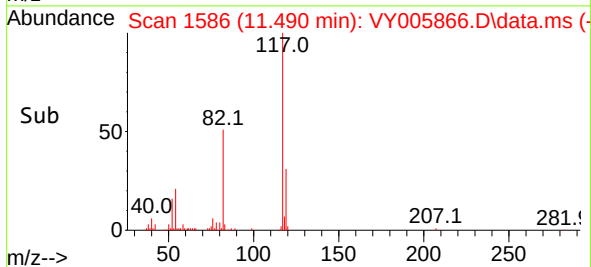
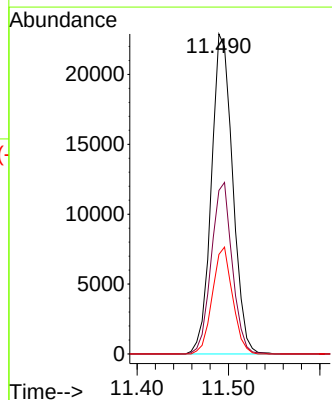
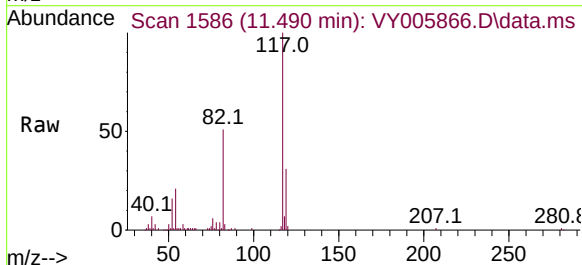
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082621

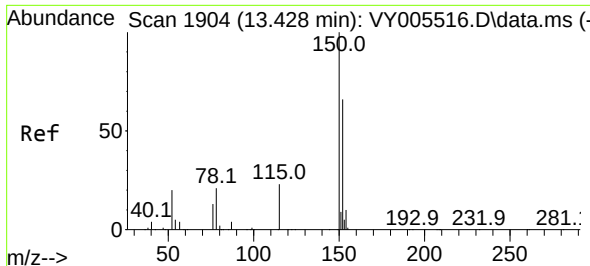
Tgt Ion:	95	Resp:	13390
Ion	Ratio	Lower	Upper
95	100		
174	103.2	0.0	191.4
176	97.8	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

Tgt Ion:	117	Resp:	36981
Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.5	65.3
119	31.1	25.5	38.3

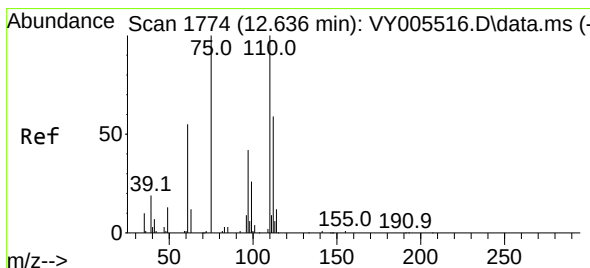
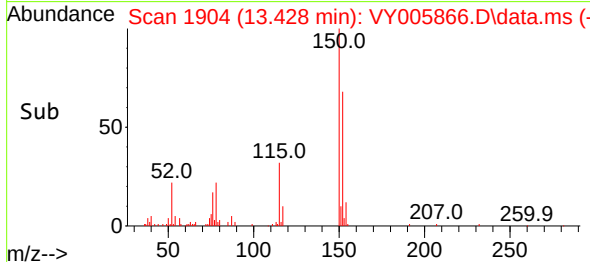
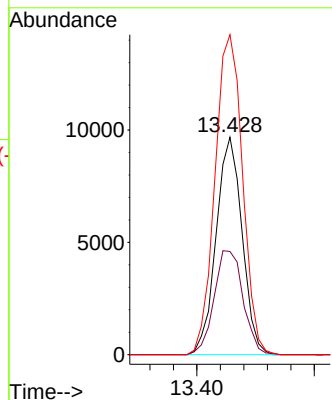
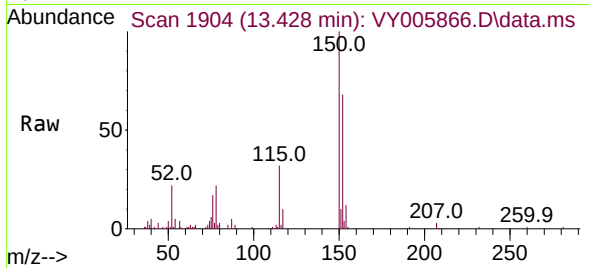




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

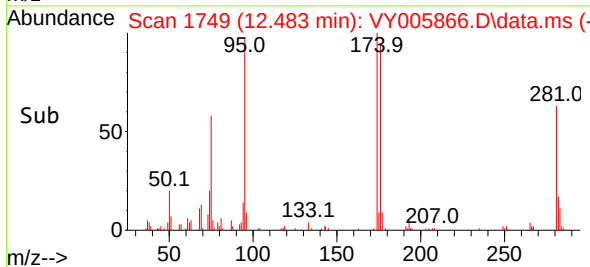
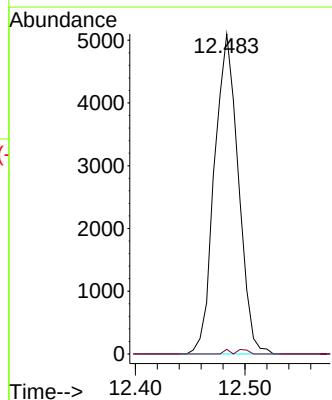
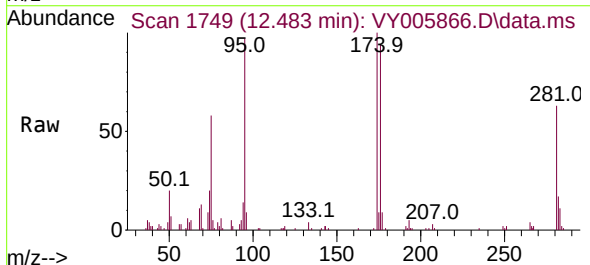
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-082621

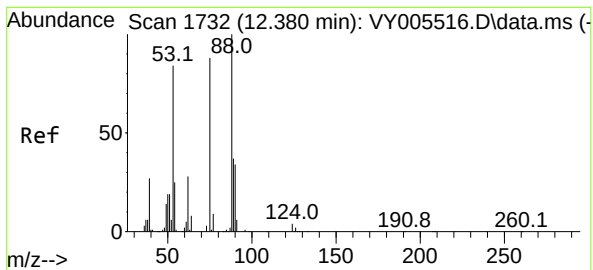
Tgt Ion:152 Resp: 14868
Ion Ratio Lower Upper
152 100
115 53.4 27.3 81.9
150 156.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 50.183 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005866.D
Acq: 26 Aug 2021 17:14

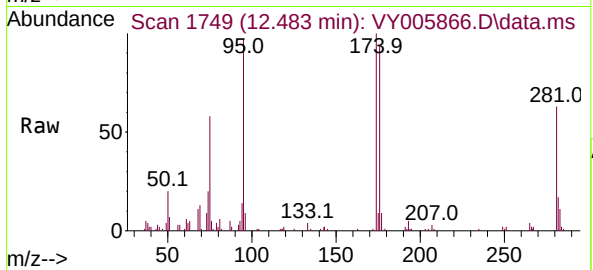
Tgt Ion: 75 Resp: 7732
Ion Ratio Lower Upper
75 100
77 0.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.163 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005866.D
 Acq: 26 Aug 2021 17:14

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-082621



Tgt Ion:	75	Resp:	7732
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

