

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072621\
 Data File : VY005441.D
 Acq On : 26 Jul 2021 13:46
 Operator : SY/MD
 Sample : VY0726SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 27 03:08:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

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

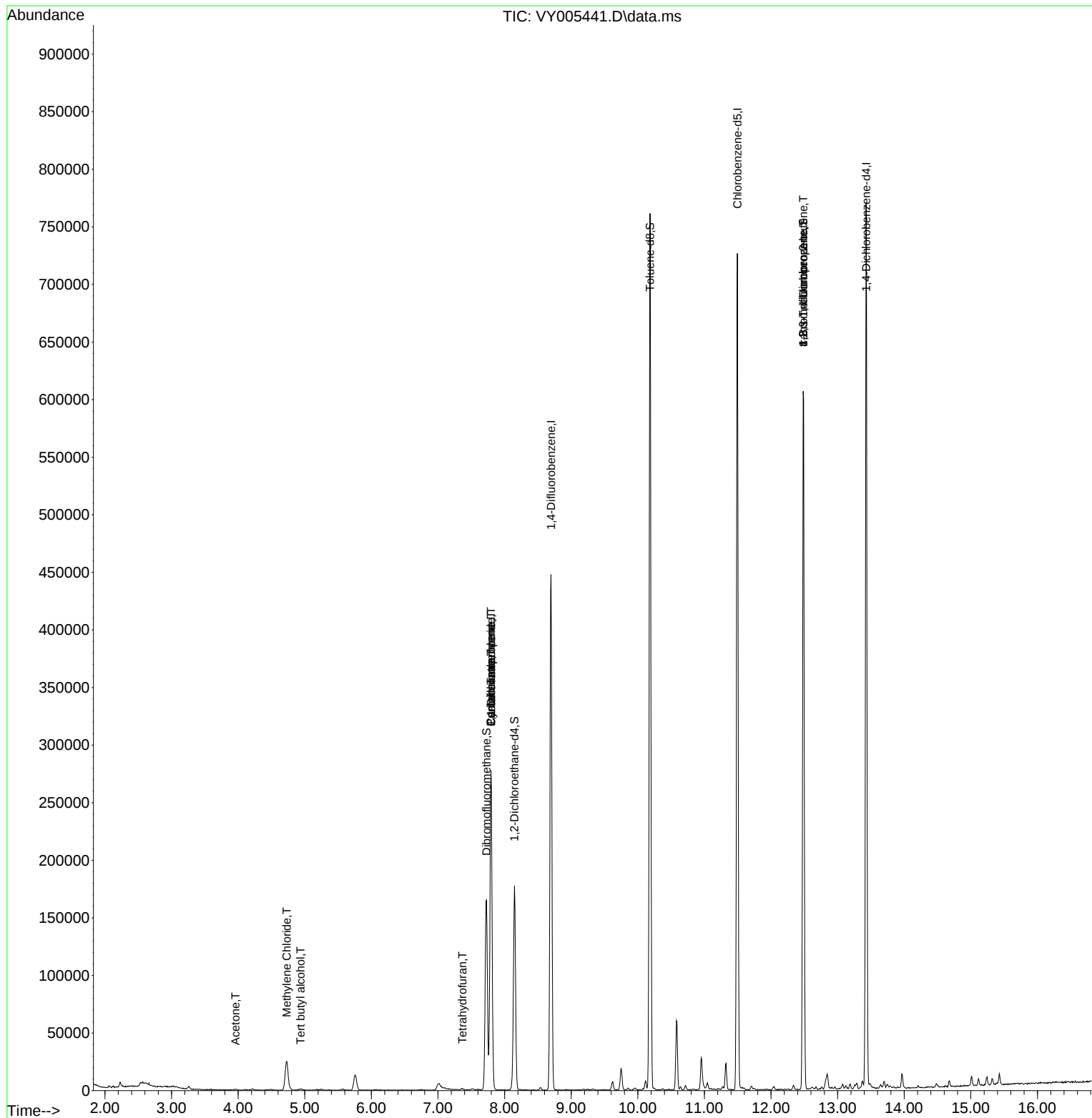
Internal Standards						
1) Pentafluorobenzene	7.795	168	224489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	381260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	384685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	196200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	141165	58.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.728	113	114267	51.906	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.185	98	491522	52.679	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.360%
62) 4-Bromofluorobenzene	12.483	95	171138	55.574	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1489	6.572	ug/l #	82
16) Acetone	3.960	43	1508	2.753	ug/l	96
20) Methylene Chloride	4.728	84	18575	4.815	ug/l	97
29) Tetrahydrofuran	7.368	42	832	1.532	ug/l #	77
31) Cyclohexane	7.795	56	4493	1.097	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15927	4.320	ug/l #	49
38) Carbon Tetrachloride	7.795	117	20388	5.061	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	93150	48.250	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	93150	93.688	ug/l #	11

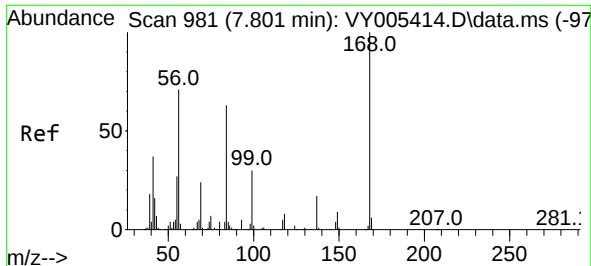
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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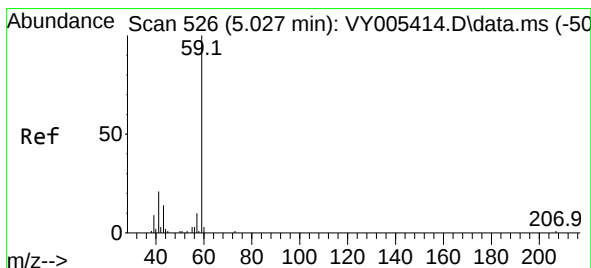
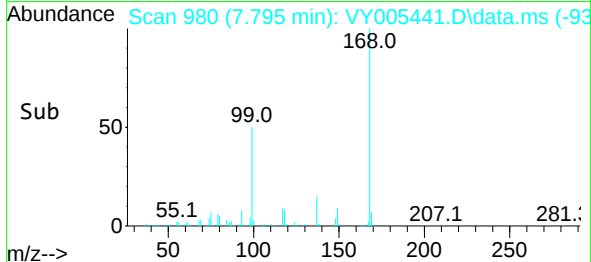
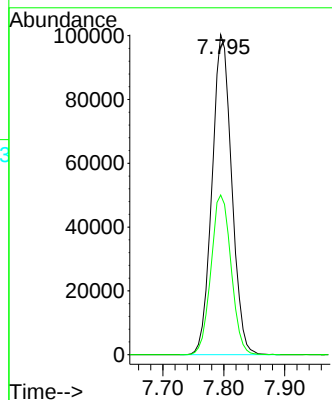
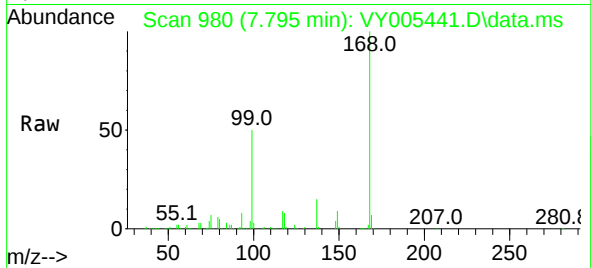




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

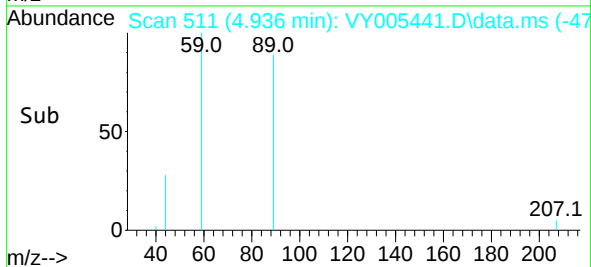
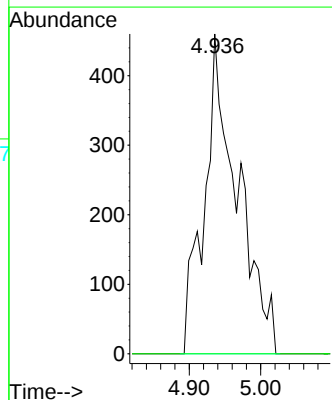
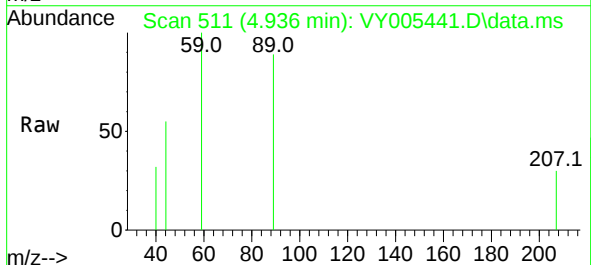
Instrument :
MSVOA_Y
ClientSampled :

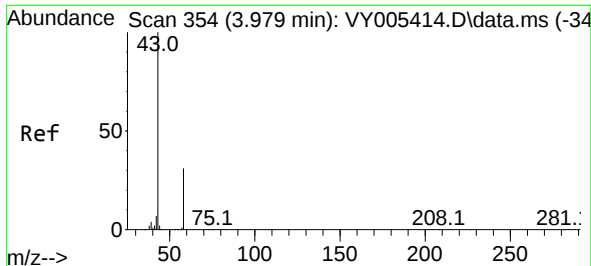
Tgt Ion:168 Resp: 224489
Ion Ratio Lower Upper
168 100
99 49.9 39.8 59.6



#11
Tert butyl alcohol
Concen: 6.572 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.092 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 59 Resp: 1489
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

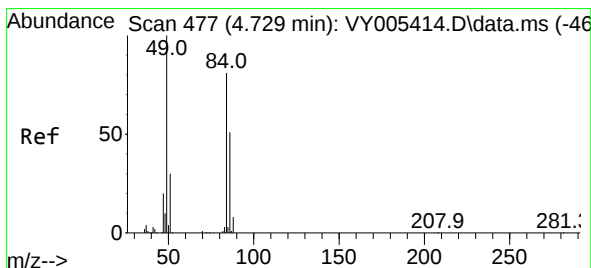
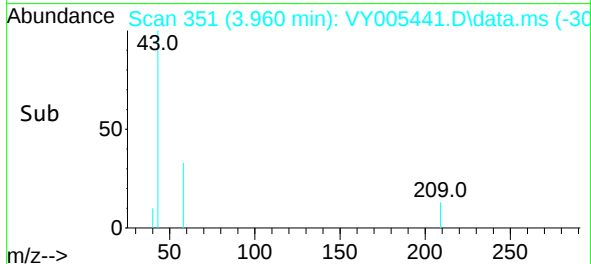
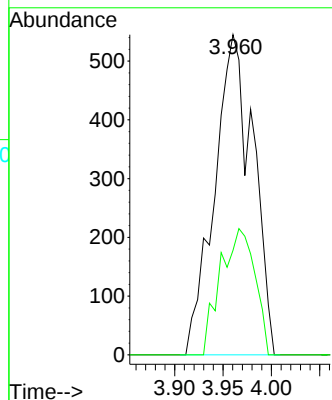
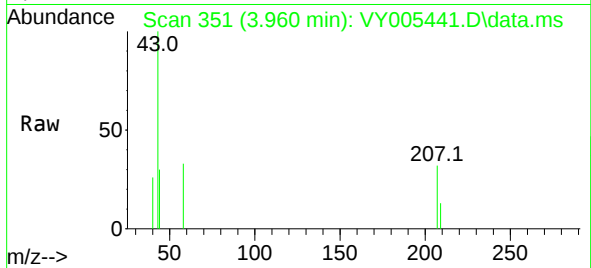




#16
Acetone
Concen: 2.753 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.018 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

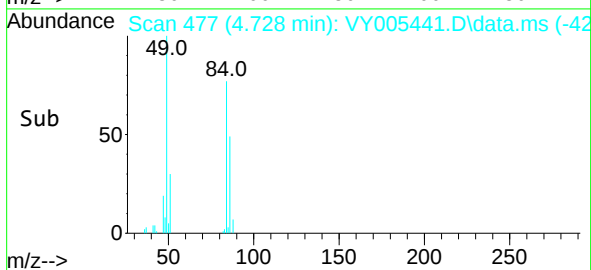
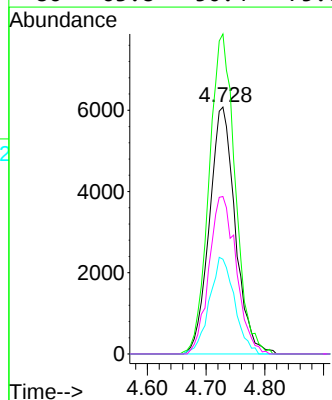
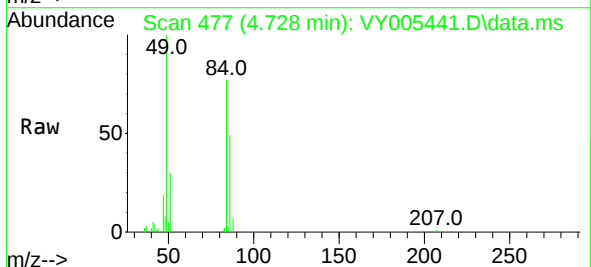
Instrument :
MSVOA_Y
ClientSampled :

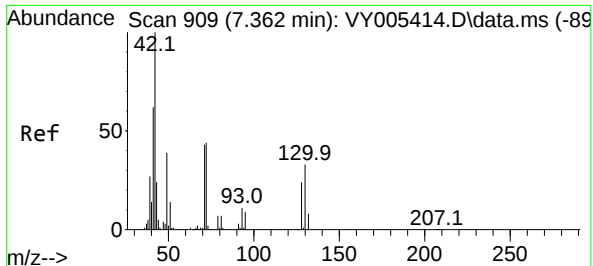
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 32.7 24.5 36.7



#20
Methylene Chloride
Concen: 4.815 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 84 Resp: 18575
Ion Ratio Lower Upper
84 100
49 129.6 98.9 148.3
51 38.3 30.0 45.0
86 63.8 50.4 75.6





#29

Tetrahydrofuran

Concen: 1.532 ug/l

RT: 7.368 min Scan# 910

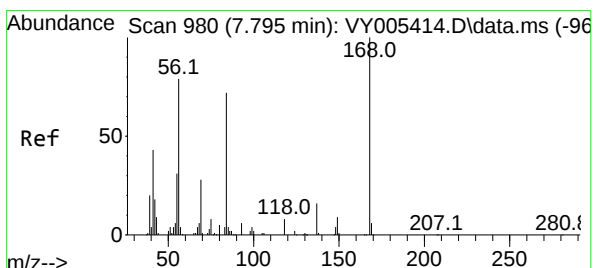
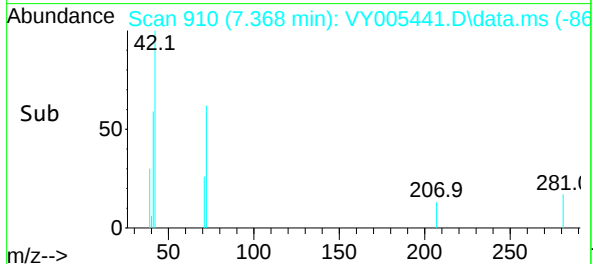
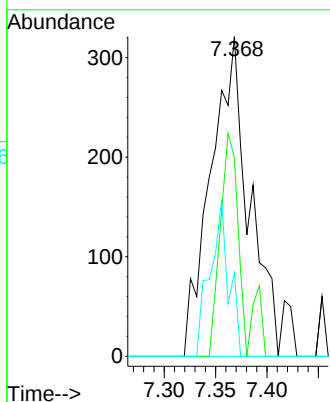
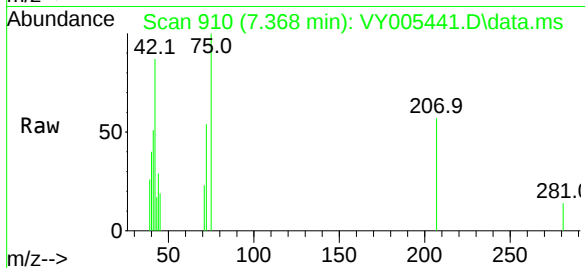
Delta R.T. 0.006 min

Lab File: VY005441.D

Acq: 26 Jul 2021 13:46

Tgt Ion:	42	Resp:	832
Ion	Ratio	Lower	Upper
42	100		
72	32.0	35.3	52.9#
71	24.3	33.4	50.2#

Instrument :
MSVOA_Y
ClientSampleId :



#31

Cyclohexane

Concen: 1.097 ug/l

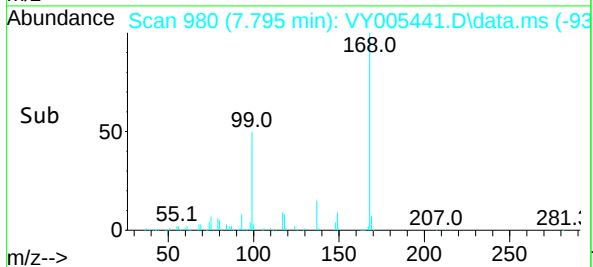
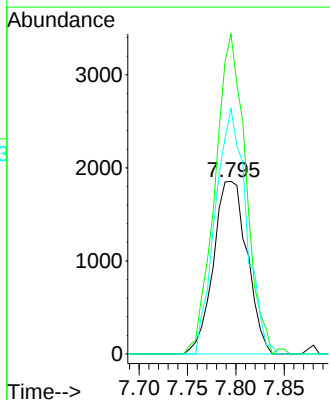
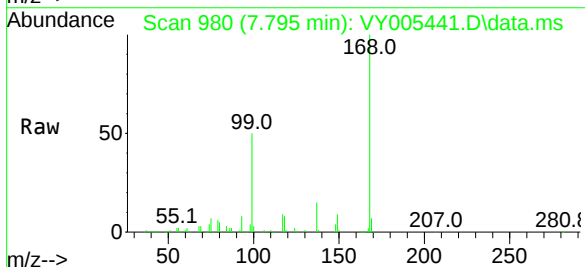
RT: 7.795 min Scan# 980

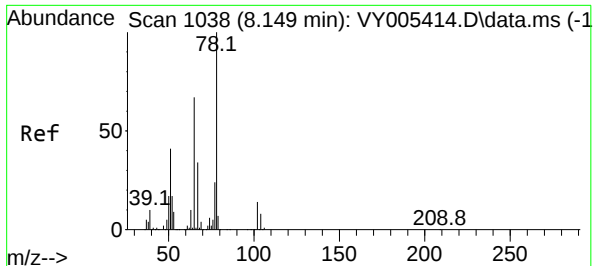
Delta R.T. -0.000 min

Lab File: VY005441.D

Acq: 26 Jul 2021 13:46

Tgt Ion:	56	Resp:	4493
Ion	Ratio	Lower	Upper
56	100		
69	185.4	28.7	43.1#
84	141.9	73.0	109.6#

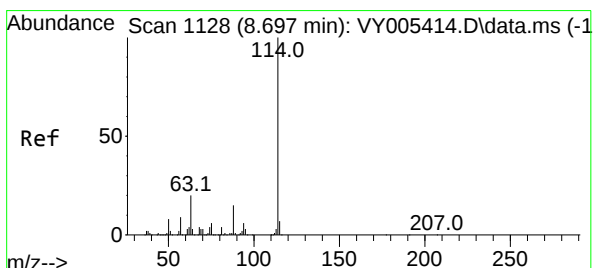
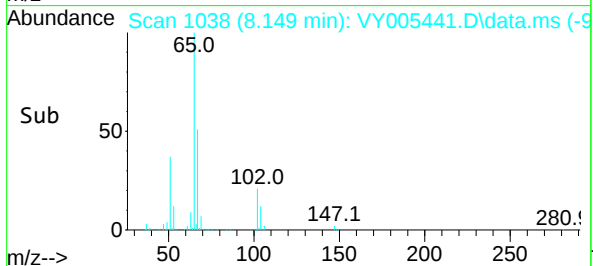
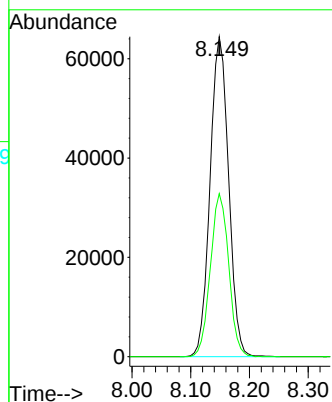
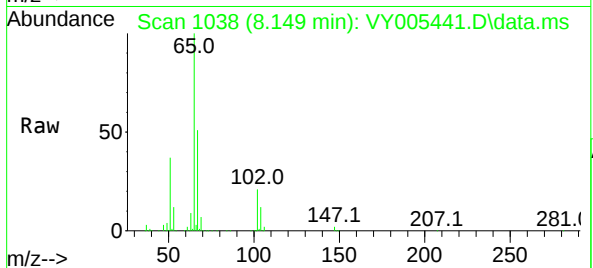




#33
1,2-Dichloroethane-d4
Concen: 58.860 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

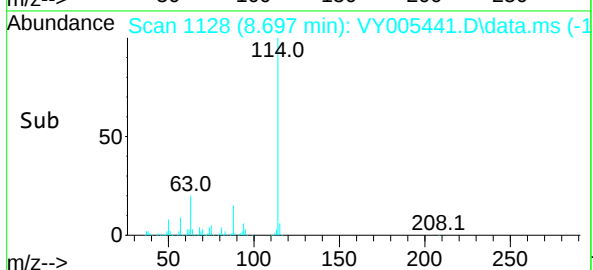
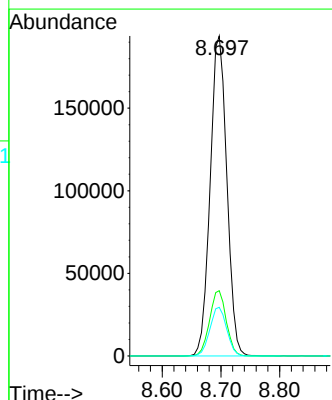
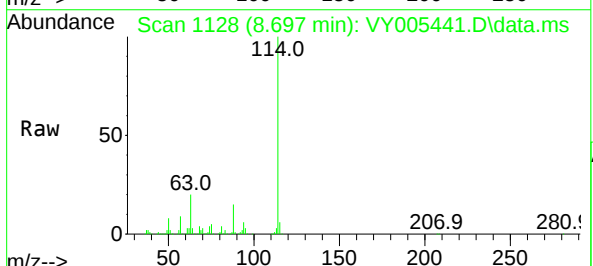
Instrument :
MSVOA_Y
ClientSampleId :

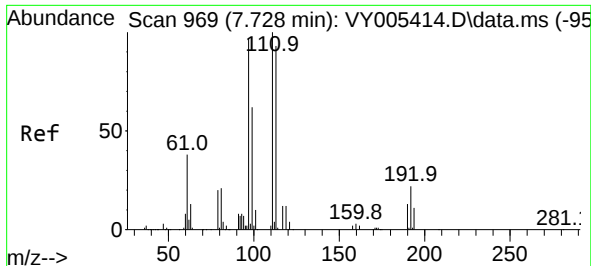
Tgt Ion: 65 Resp: 141165
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 114 Resp: 381260
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.0
88 15.2 0.0 30.8

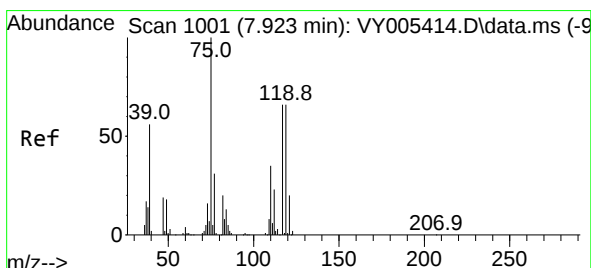
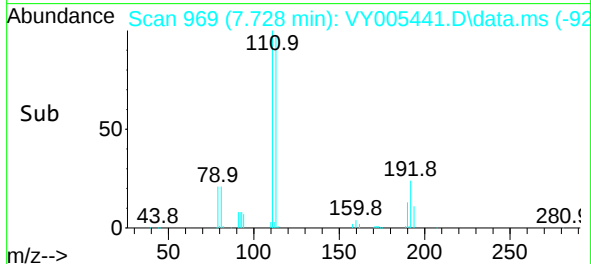
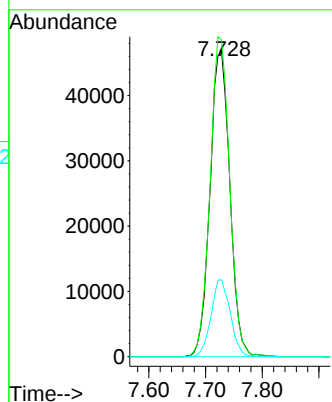
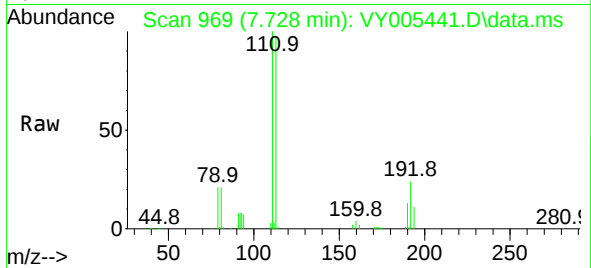




#35
Dibromofluoromethane
Concen: 51.906 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

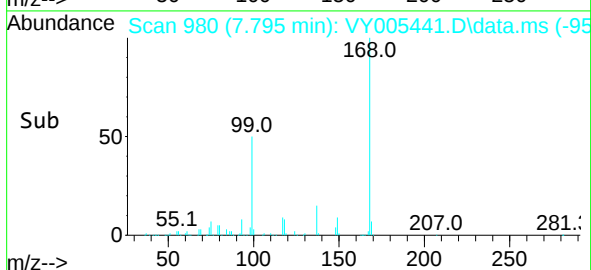
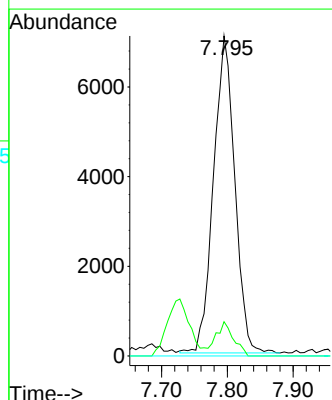
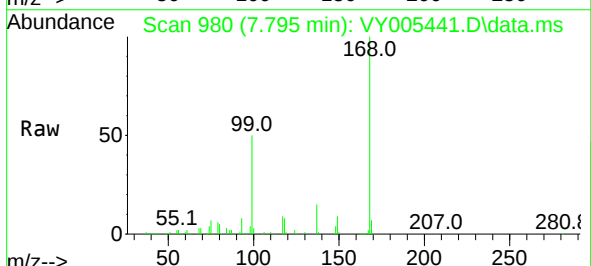
Instrument :
MSVOA_Y
ClientSampleId :

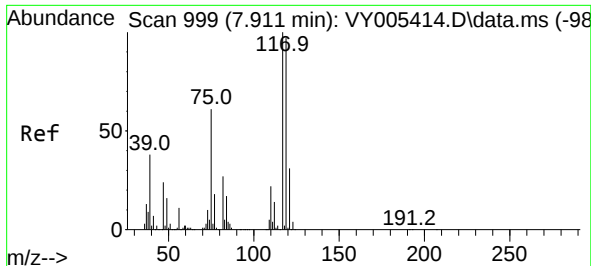
Tgt Ion:113 Resp: 114267
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 24.3 18.9 28.3



#36
1,1-Dichloropropene
Concen: 4.320 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 75 Resp: 15927
Ion Ratio Lower Upper
75 100
110 8.7 17.6 52.9#
77 0.0 24.6 37.0#

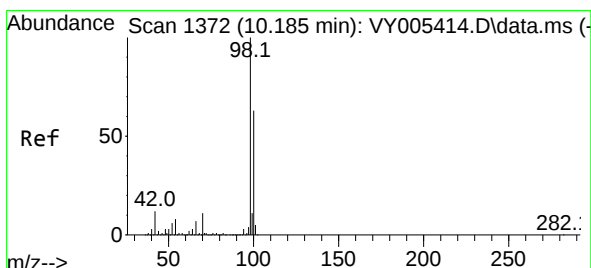
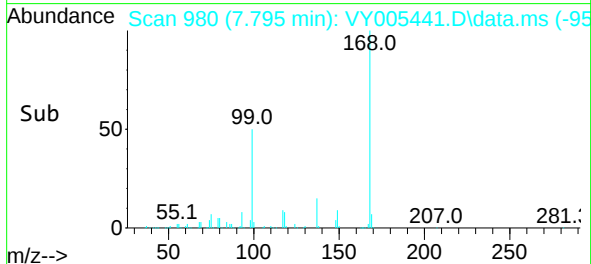
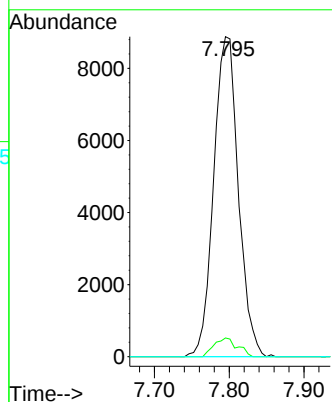
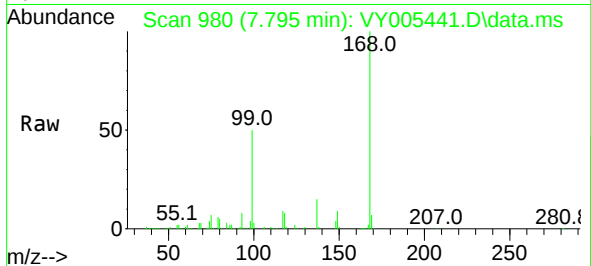




#38
Carbon Tetrachloride
Concen: 5.061 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

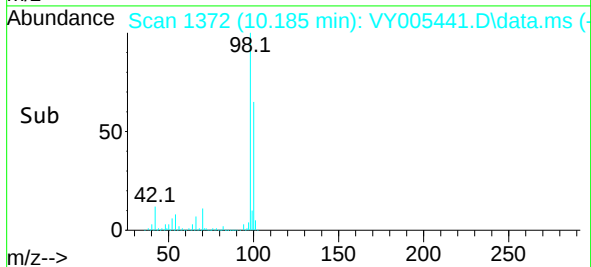
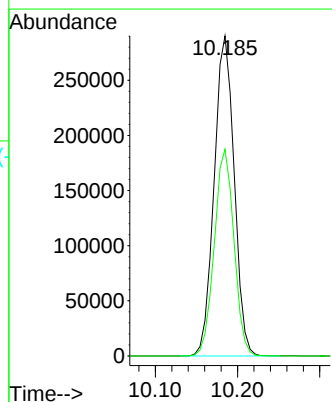
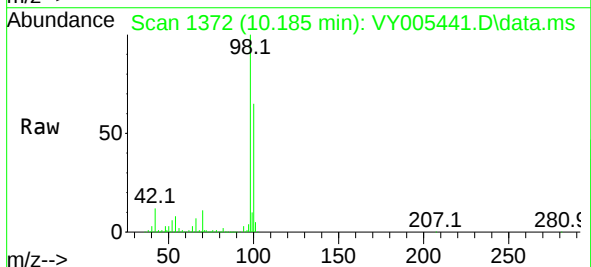
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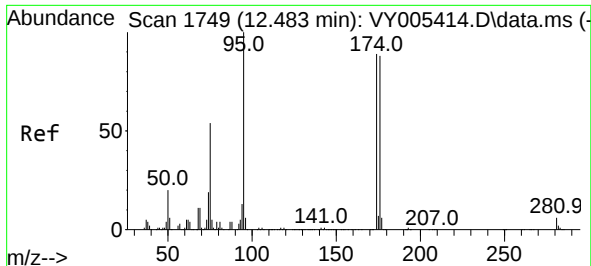
Tgt Ion:117 Resp: 20388
Ion Ratio Lower Upper
117 100
119 5.9 77.2 115.8#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 52.679 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 98 Resp: 491522
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

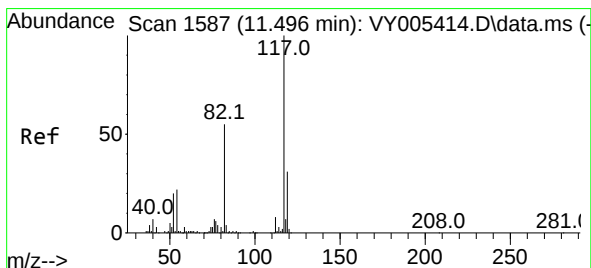
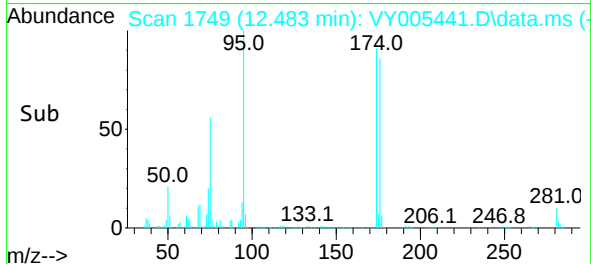
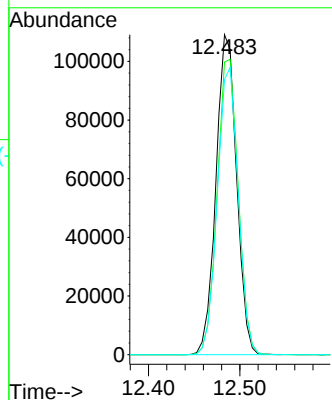
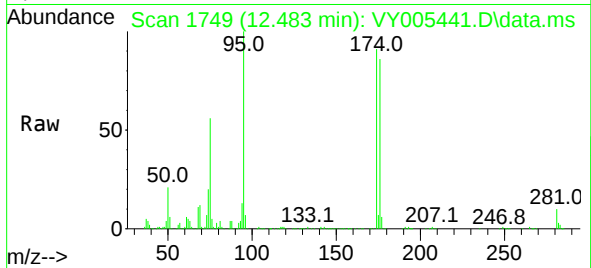




#62
4-Bromofluorobenzene
Concen: 55.574 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

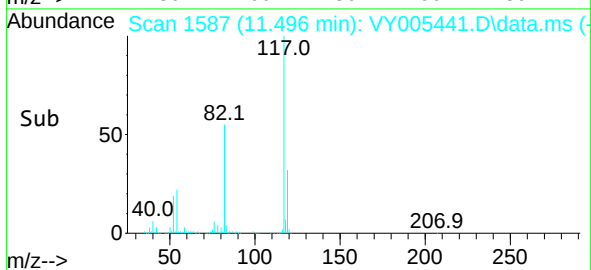
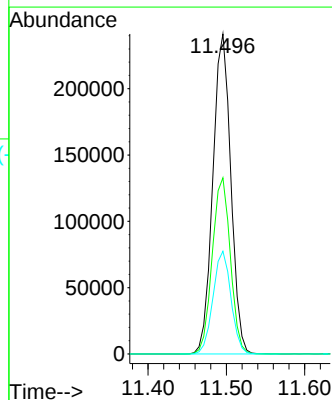
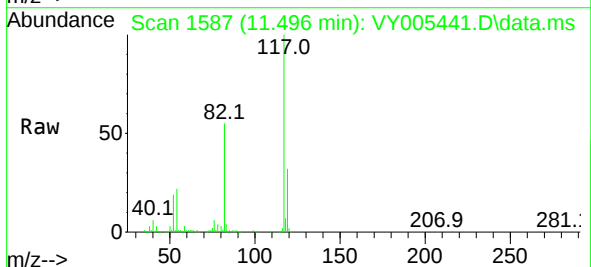
Instrument :
MSVOA_Y
ClientSampleId :

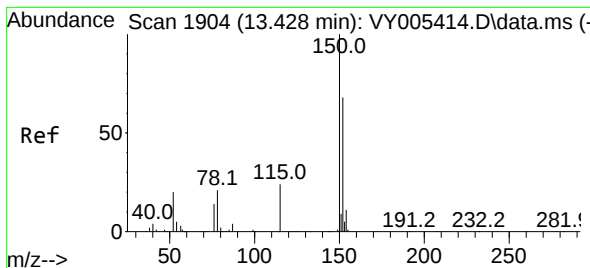
Tgt Ion: 95 Resp: 171138
Ion Ratio Lower Upper
95 100
174 94.4 0.0 186.6
176 90.8 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 117 Resp: 384685
Ion Ratio Lower Upper
117 100
82 55.0 43.8 65.6
119 32.1 24.8 37.2

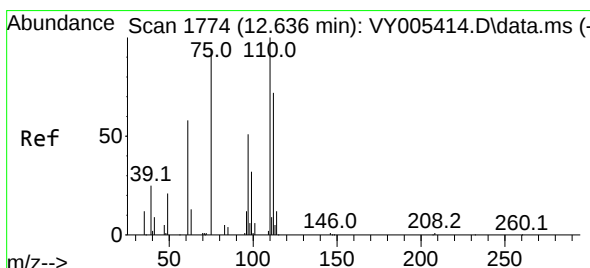
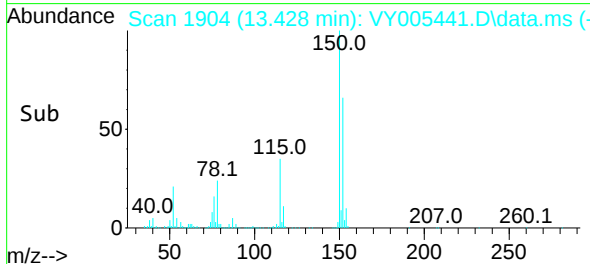
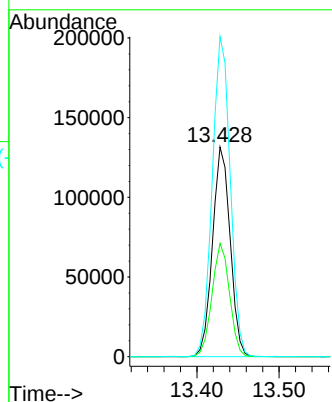
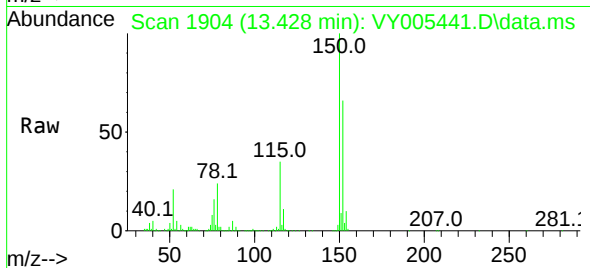




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

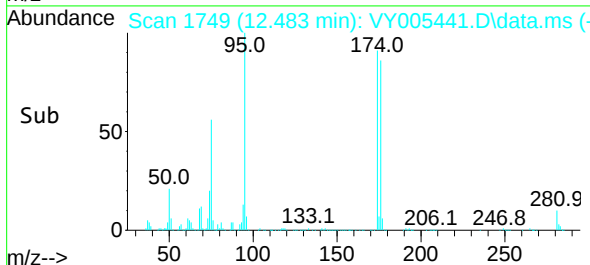
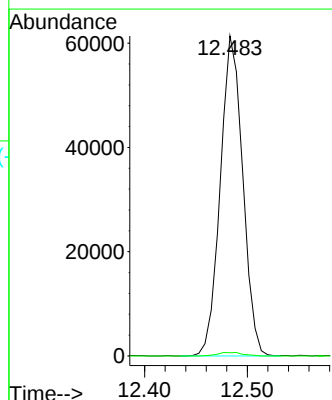
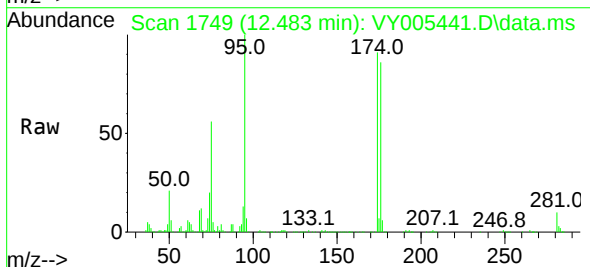
Instrument :
MSVOA_Y
ClientSampleId :

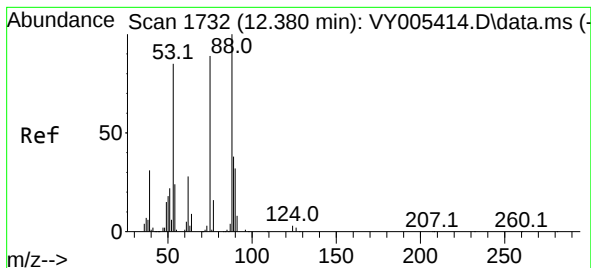
Tgt Ion:152 Resp: 196200
Ion Ratio Lower Upper
152 100
115 53.7 27.7 83.1
150 155.3 0.0 349.6



#76
1,2,3-Trichloropropane
Concen: 48.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005441.D
Acq: 26 Jul 2021 13:46

Tgt Ion: 75 Resp: 93150
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

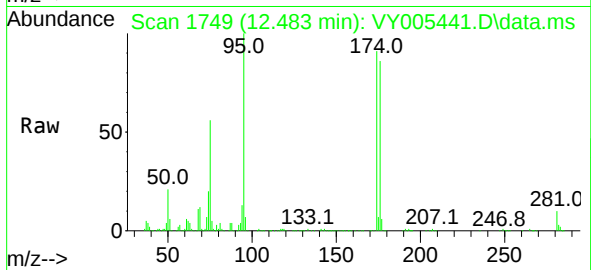
Concen: 93.688 ug/l

RT: 12.483 min Scan# 1749

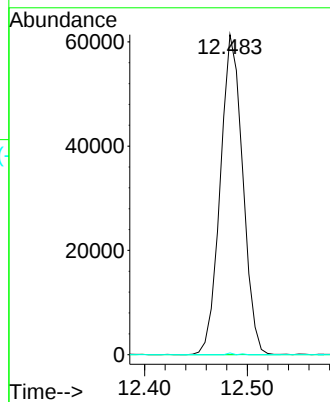
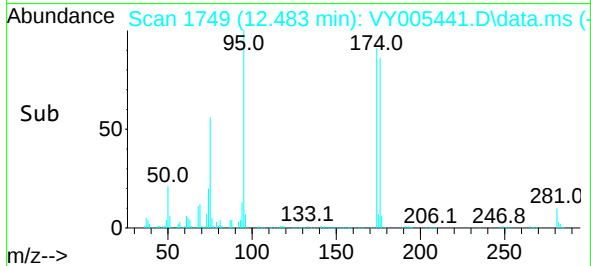
Delta R.T. 0.104 min

Lab File: VY005441.D

Acq: 26 Jul 2021 13:46



Tgt Ion:	75	Resp:	93150
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.1	114.1#
89	0.2	36.9	55.3#



Instrument :
MSVOA_Y
ClientSampleId :