

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102621\
 Data File : VY006490.D
 Acq On : 26 Oct 2021 18:45
 Operator : SY/MD
 Sample : M4336-09
 Misc : 6.30G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 05:27:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

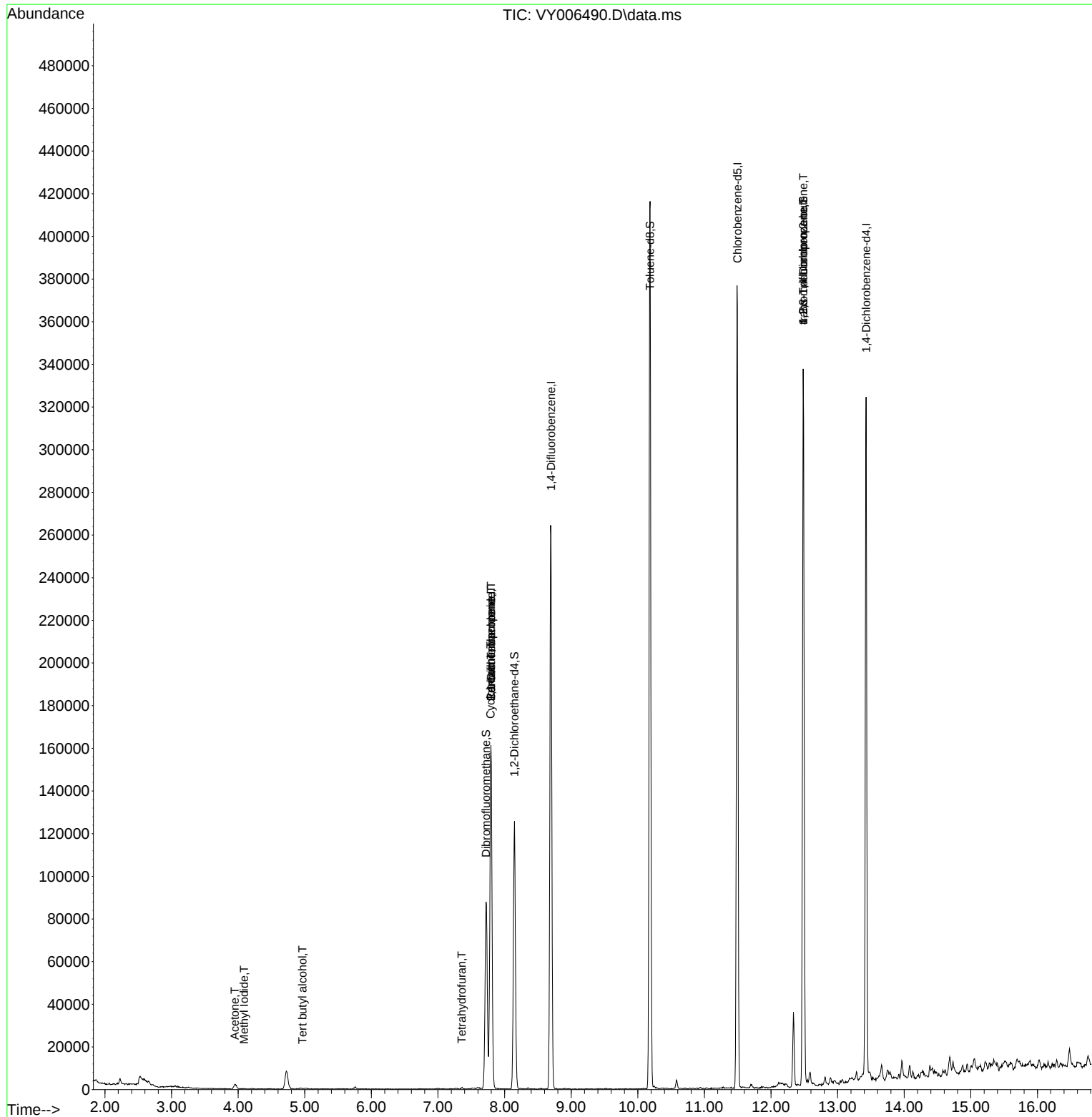
Internal Standards						
1) Pentafluorobenzene	7.795	168	121771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208929	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	191372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96988	64.725	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.440%	
35) Dibromofluoromethane	7.722	113	58923	50.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.200%	
50) Toluene-d8	10.185	98	266246	53.934	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.860%	
62) 4-Bromofluorobenzene	12.483	95	82083	49.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.720%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.088	142	178	5.193	ug/l #	36
11) Tert butyl alcohol	4.966	59	507	3.724	ug/l #	72
16) Acetone	3.948	43	4109	9.523	ug/l #	85
29) Tetrahydrofuran	7.356	42	421	1.214	ug/l #	41
31) Cyclohexane	7.789	56	3212	1.324	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	10640	5.154	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12287	5.395	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47795	62.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47795	128.522	ug/l #	7

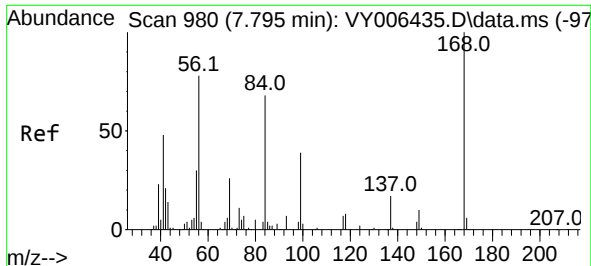
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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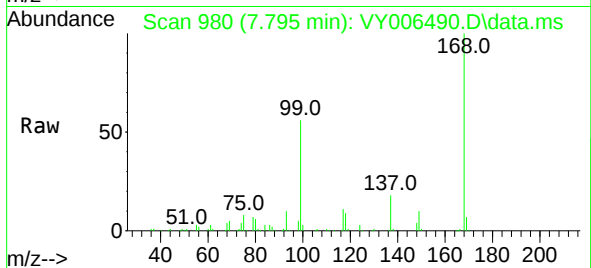
Quant Time: Oct 27 05:27:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



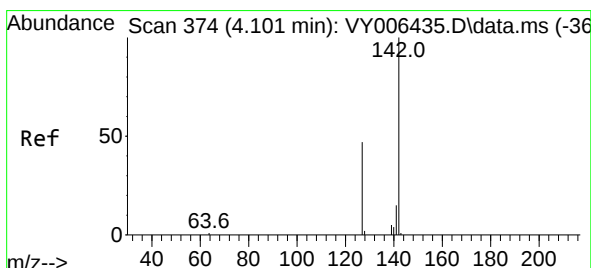
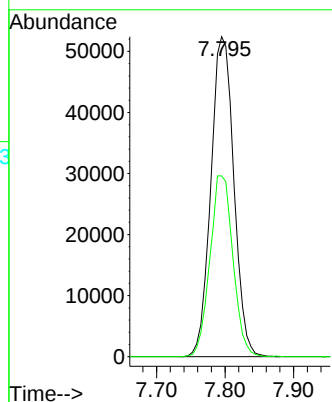
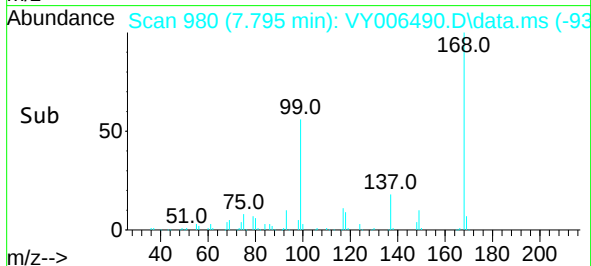


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :

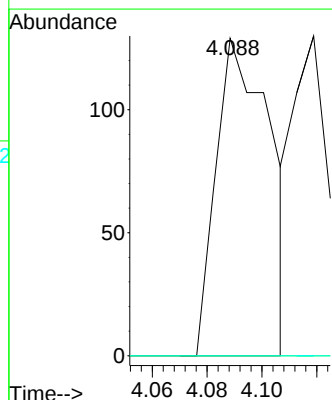
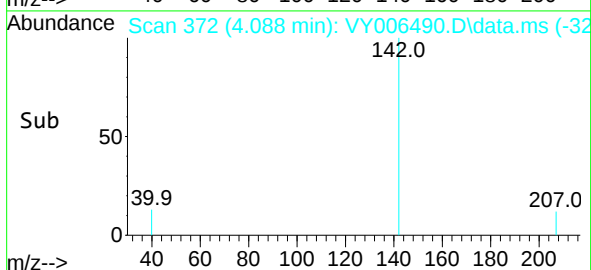
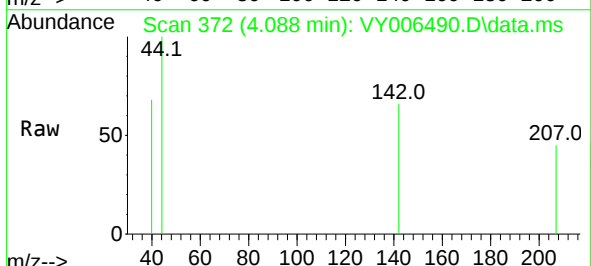


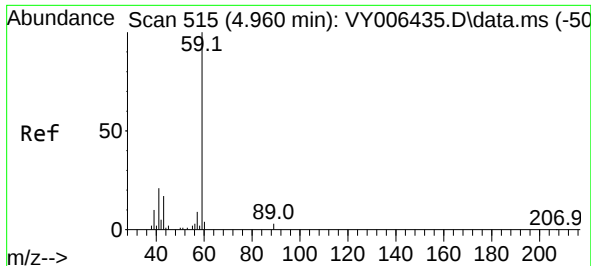
Tgt Ion:168 Resp: 121771
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.193 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.013 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

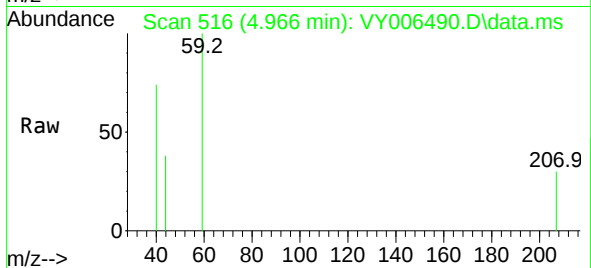
Tgt Ion:142 Resp: 178
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#



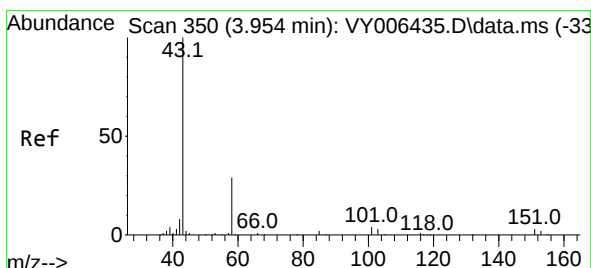
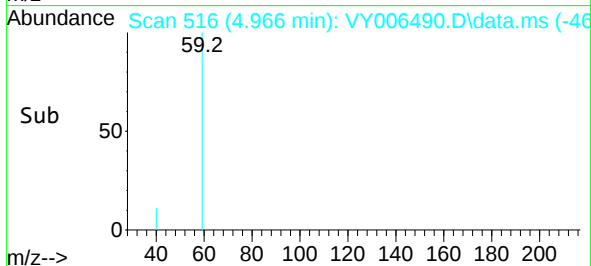
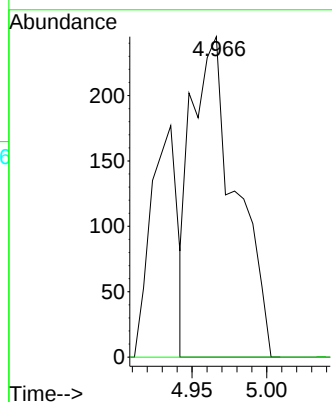


#11
Tert butyl alcohol
Concen: 3.724 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :

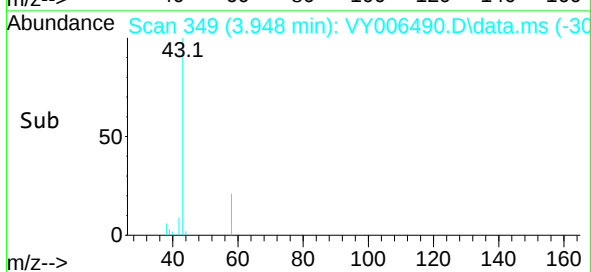
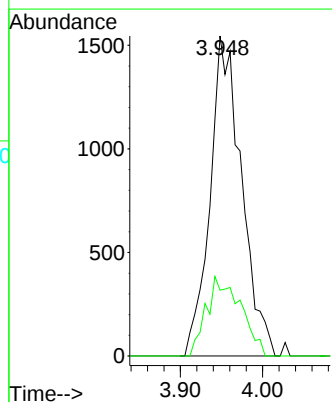
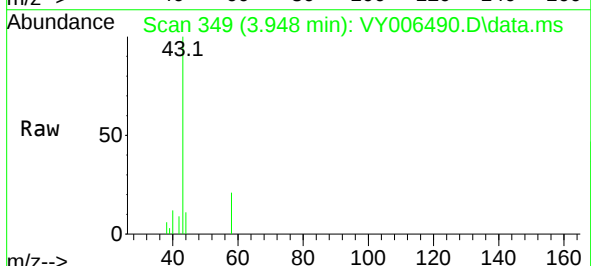


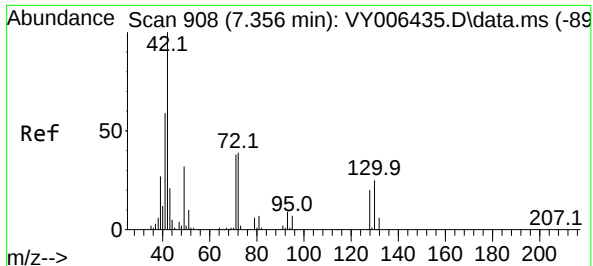
Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 9.523 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Tgt Ion: 43 Resp: 4109
Ion Ratio Lower Upper
43 100
58 20.6 22.9 34.3#





#29

Tetrahydrofuran

Concen: 1.214 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

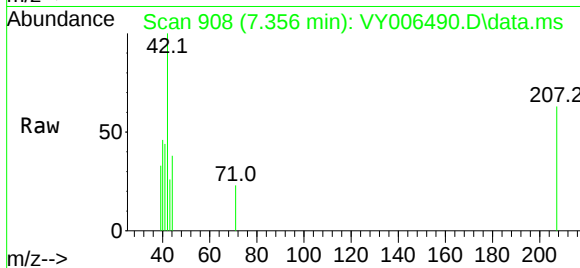
Lab File: VY006490.D

Acq: 26 Oct 2021 18:45

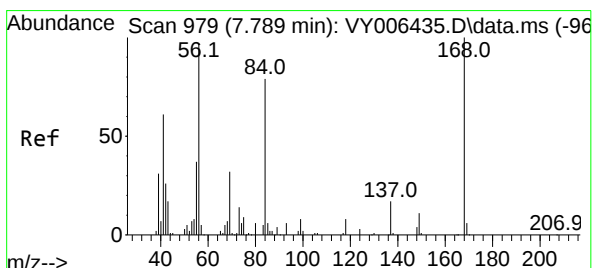
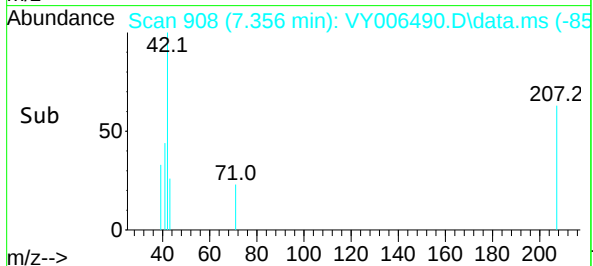
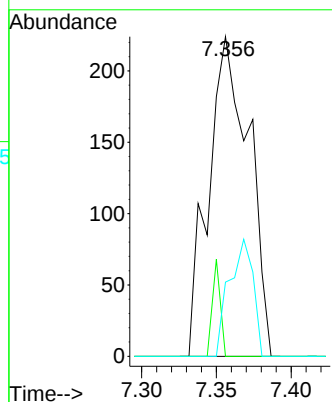
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	421
Ion	Ratio	Lower	Upper
42	100		
72	5.9	32.0	48.0#
71	0.0	30.3	45.5#



#31

Cyclohexane

Concen: 1.324 ug/l

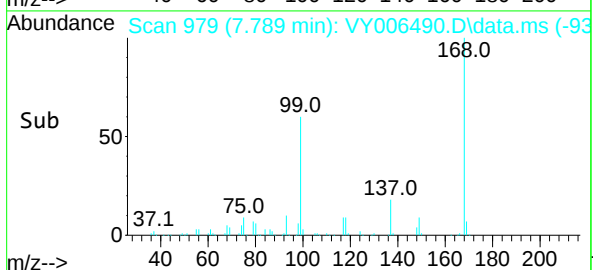
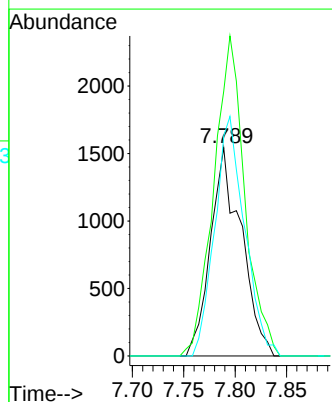
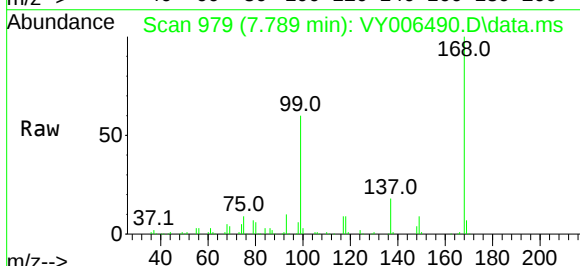
RT: 7.789 min Scan# 979

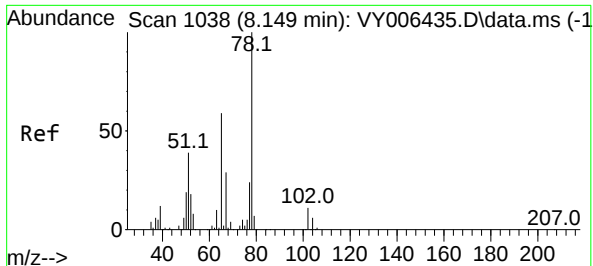
Delta R.T. -0.000 min

Lab File: VY006490.D

Acq: 26 Oct 2021 18:45

Tgt Ion:	56	Resp:	3212
Ion	Ratio	Lower	Upper
56	100		
69	127.0	26.6	40.0#
84	105.5	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 64.725 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY006490.D

Acq: 26 Oct 2021 18:45

Instrument :

MSVOA_Y

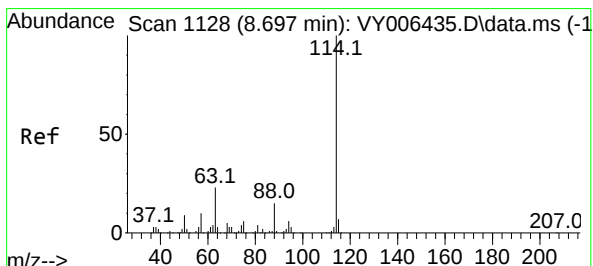
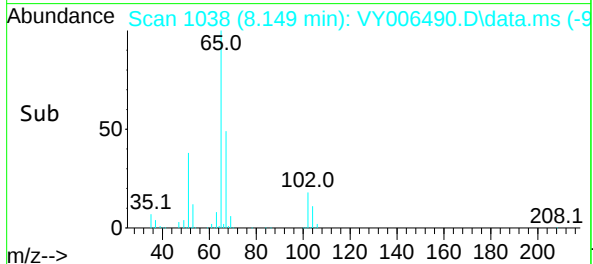
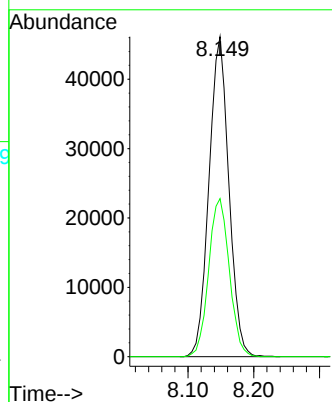
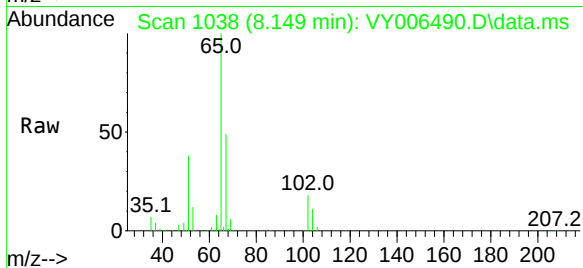
ClientSampleId :

Tgt Ion: 65 Resp: 96988

Ion Ratio Lower Upper

65 100

67 51.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006490.D

Acq: 26 Oct 2021 18:45

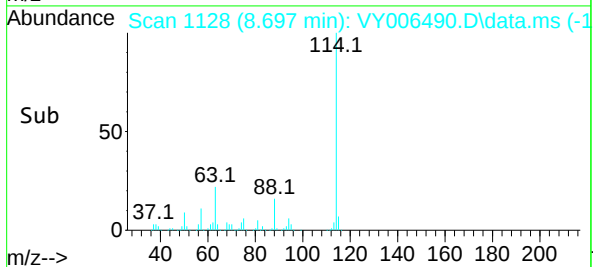
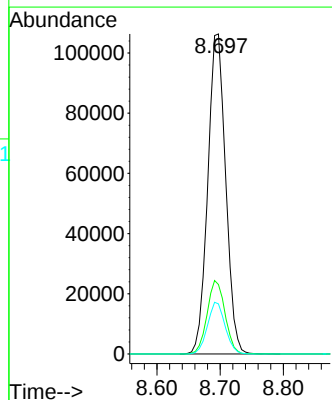
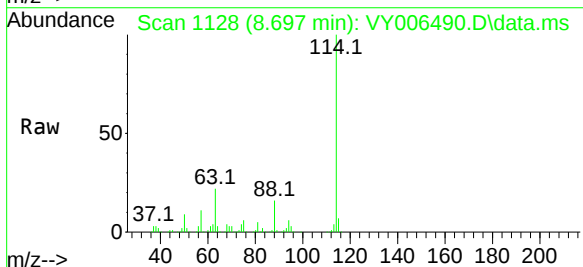
Tgt Ion: 114 Resp: 208929

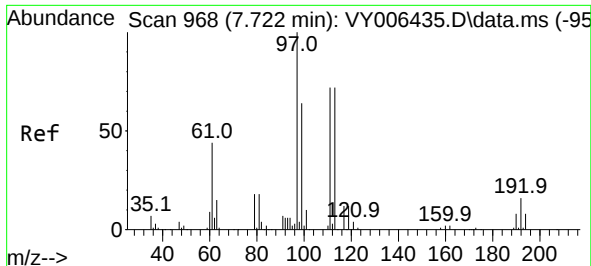
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

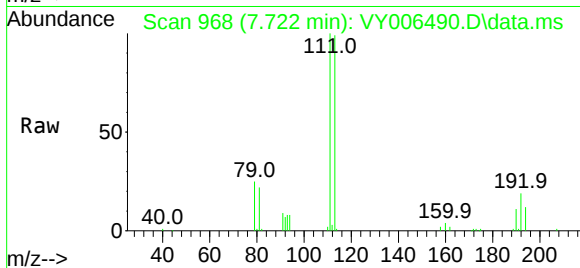
88 15.7 0.0 30.6



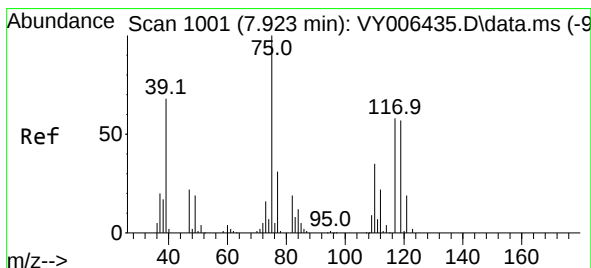
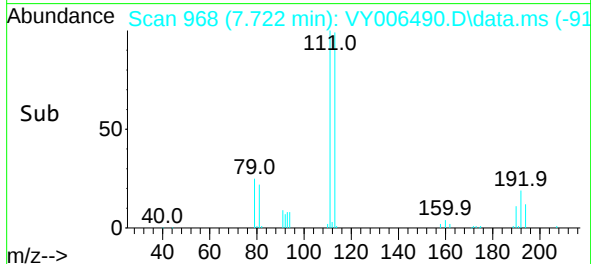
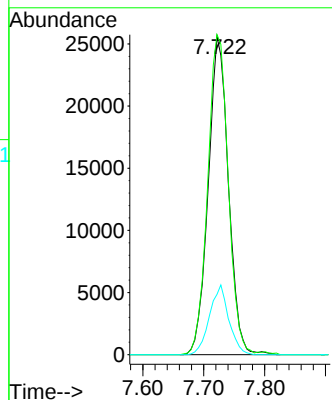


#35
Dibromofluoromethane
Concen: 50.599 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :

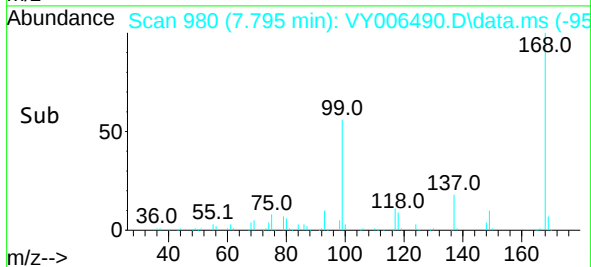
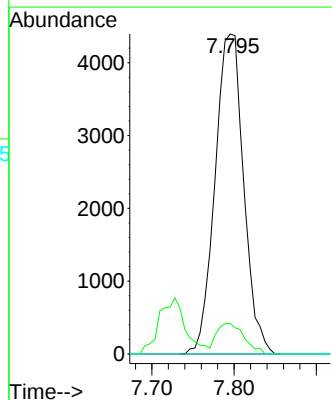
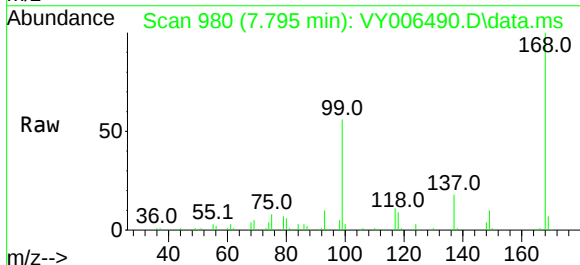


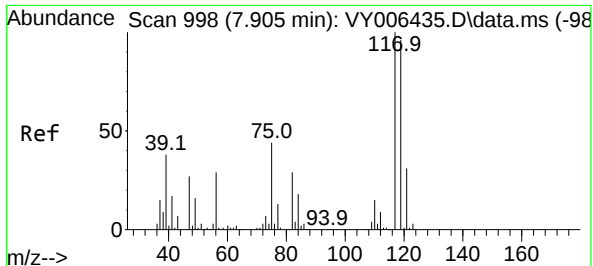
Tgt Ion:113 Resp: 58923
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 20.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.154 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

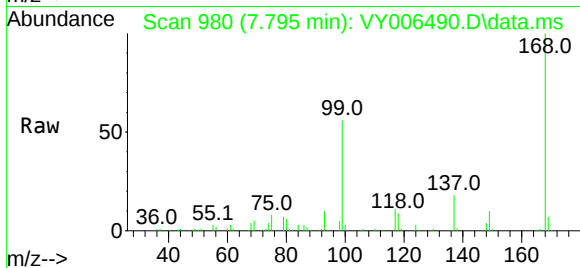
Tgt Ion: 75 Resp: 10640
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.3#
77 0.0 24.9 37.3#



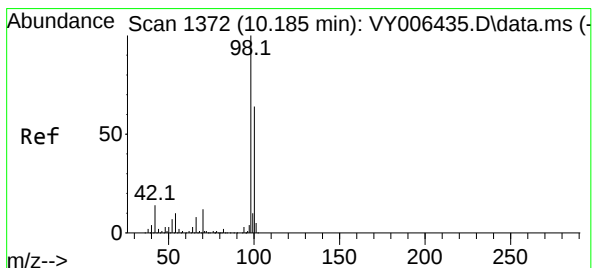
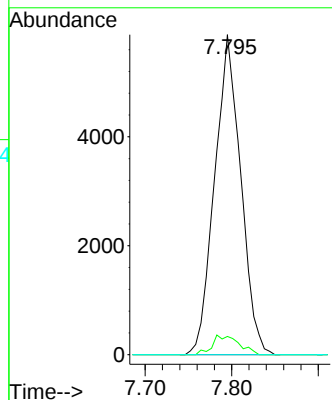
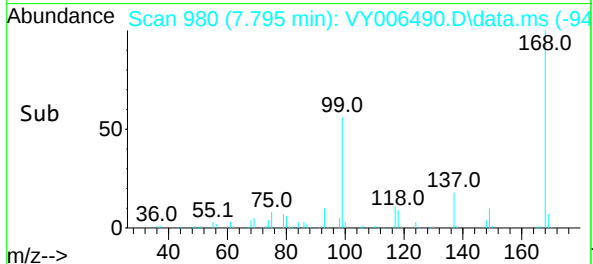


#38
Carbon Tetrachloride
Concen: 5.395 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Instrument :
MSVOA_Y
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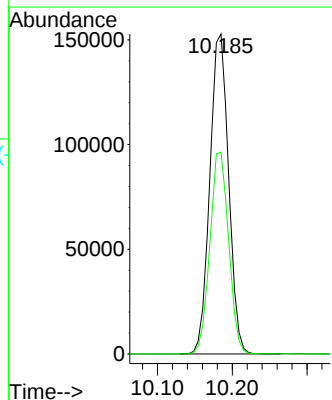
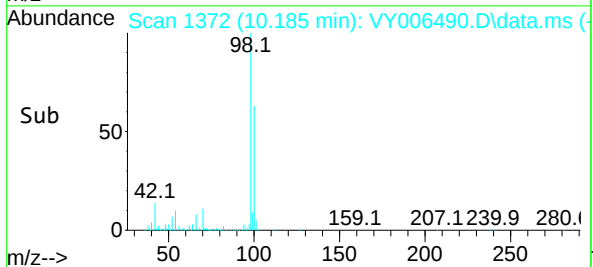
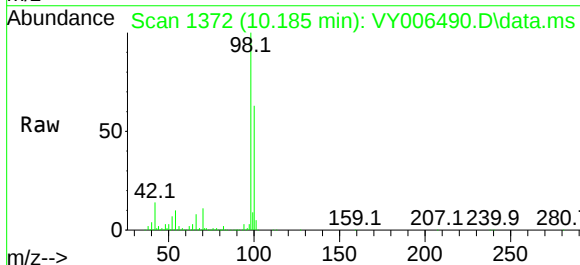


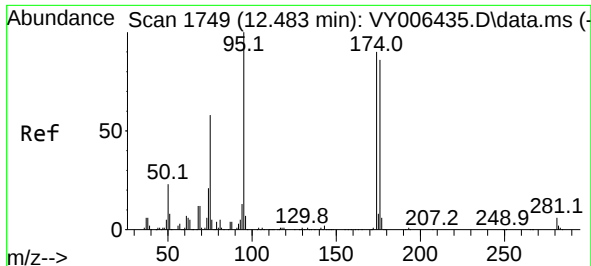
Tgt Ion:117 Resp: 12287
Ion Ratio Lower Upper
117 100
119 5.7 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.934 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Tgt Ion: 98 Resp: 266246
Ion Ratio Lower Upper
98 100
100 63.2 50.9 76.3

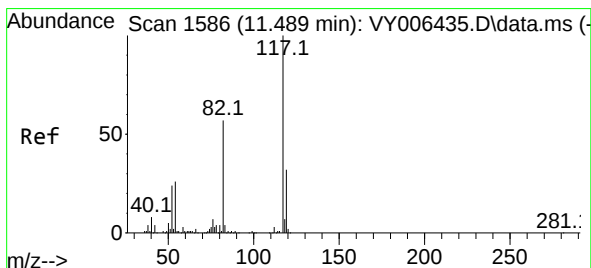
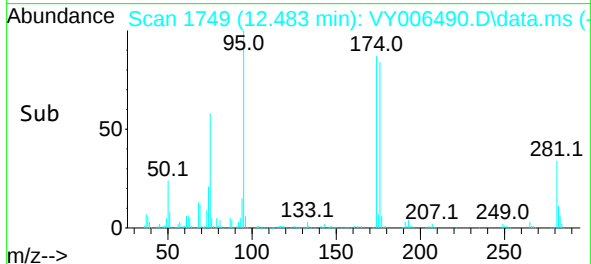
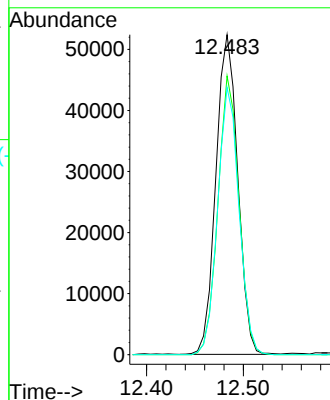
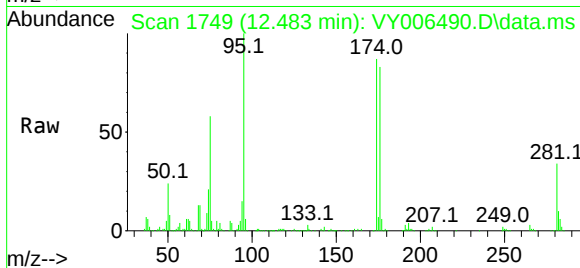




#62
4-Bromofluorobenzene
Concen: 49.361 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

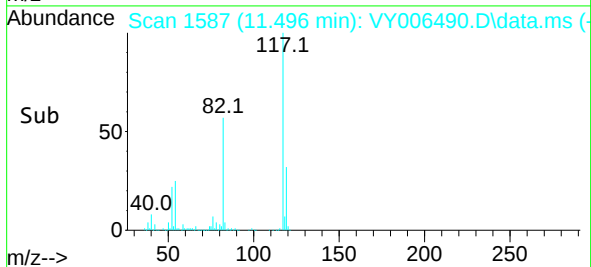
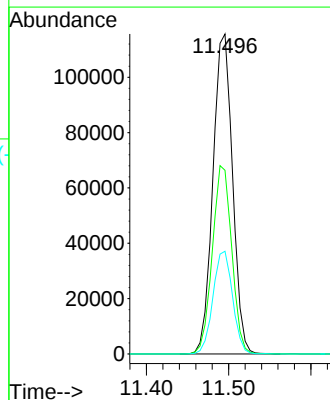
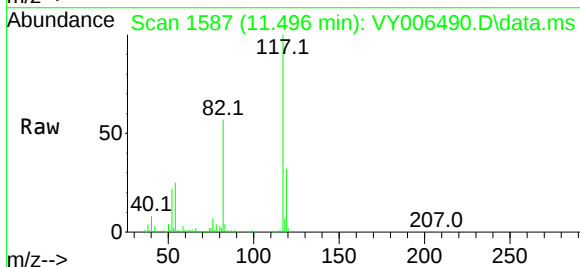
Instrument :
MSVOA_Y
ClientSampleId :

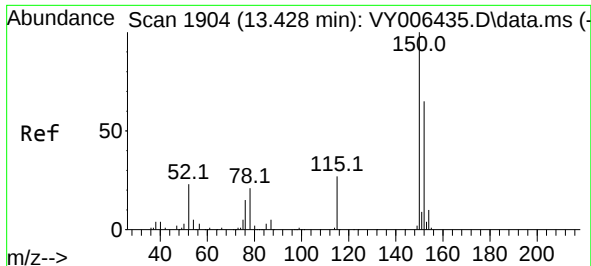
Tgt Ion: 95 Resp: 82083
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006490.D
Acq: 26 Oct 2021 18:45

Tgt Ion: 117 Resp: 191372
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.1 25.5 38.3

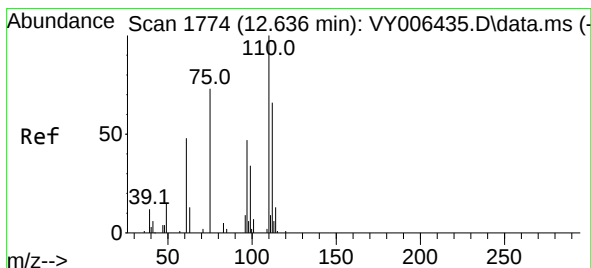
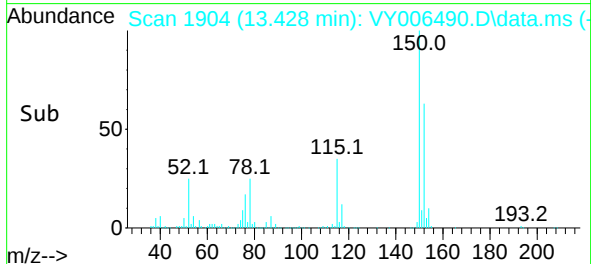
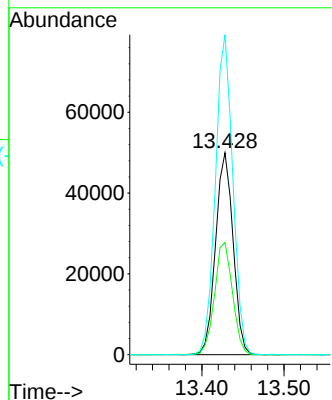
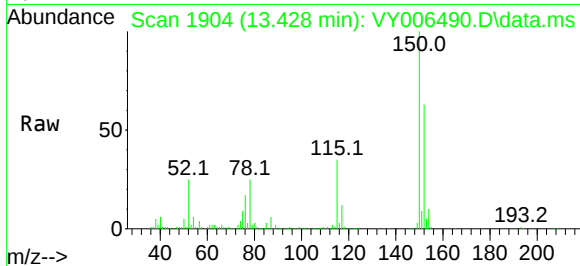




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006490.D
 Acq: 26 Oct 2021 18:45

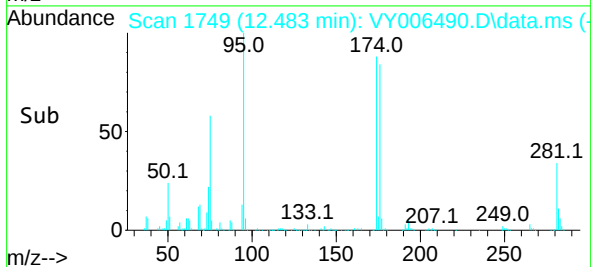
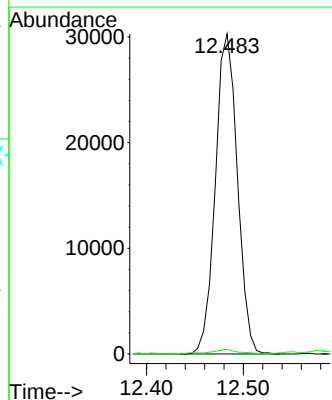
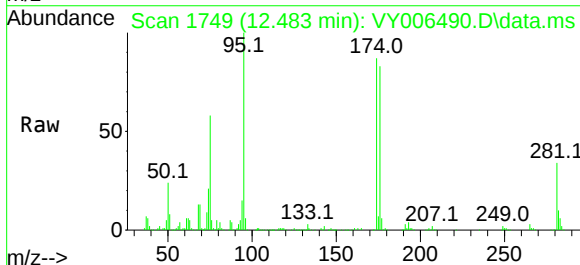
Instrument :
 MSVOA_Y
 ClientSampleId :

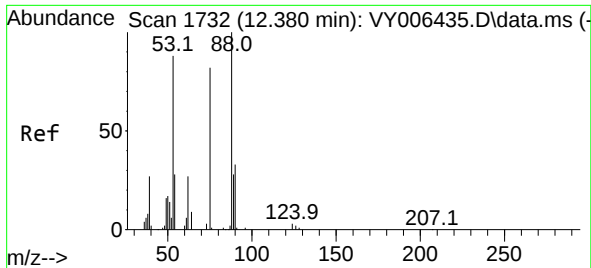
Tgt Ion:152 Resp: 74088
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.5 85.5
 150 157.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 62.603 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006490.D
 Acq: 26 Oct 2021 18:45

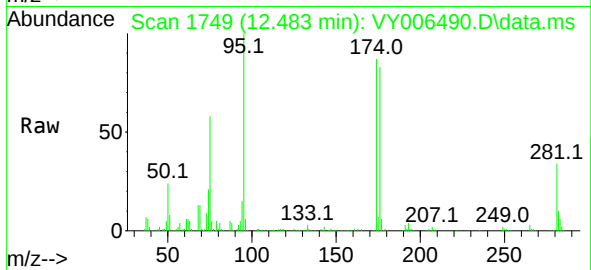
Tgt Ion: 75 Resp: 47795
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.522 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006490.D
 Acq: 26 Oct 2021 18:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.4	85.8	128.6#
89	0.6	39.3	58.9#

