

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102921\
 Data File : VY006532.D
 Acq On : 29 Oct 2021 12:09
 Operator : SY/MD
 Sample : M4407-01
 Misc : 5.69G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 02:57:54 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)

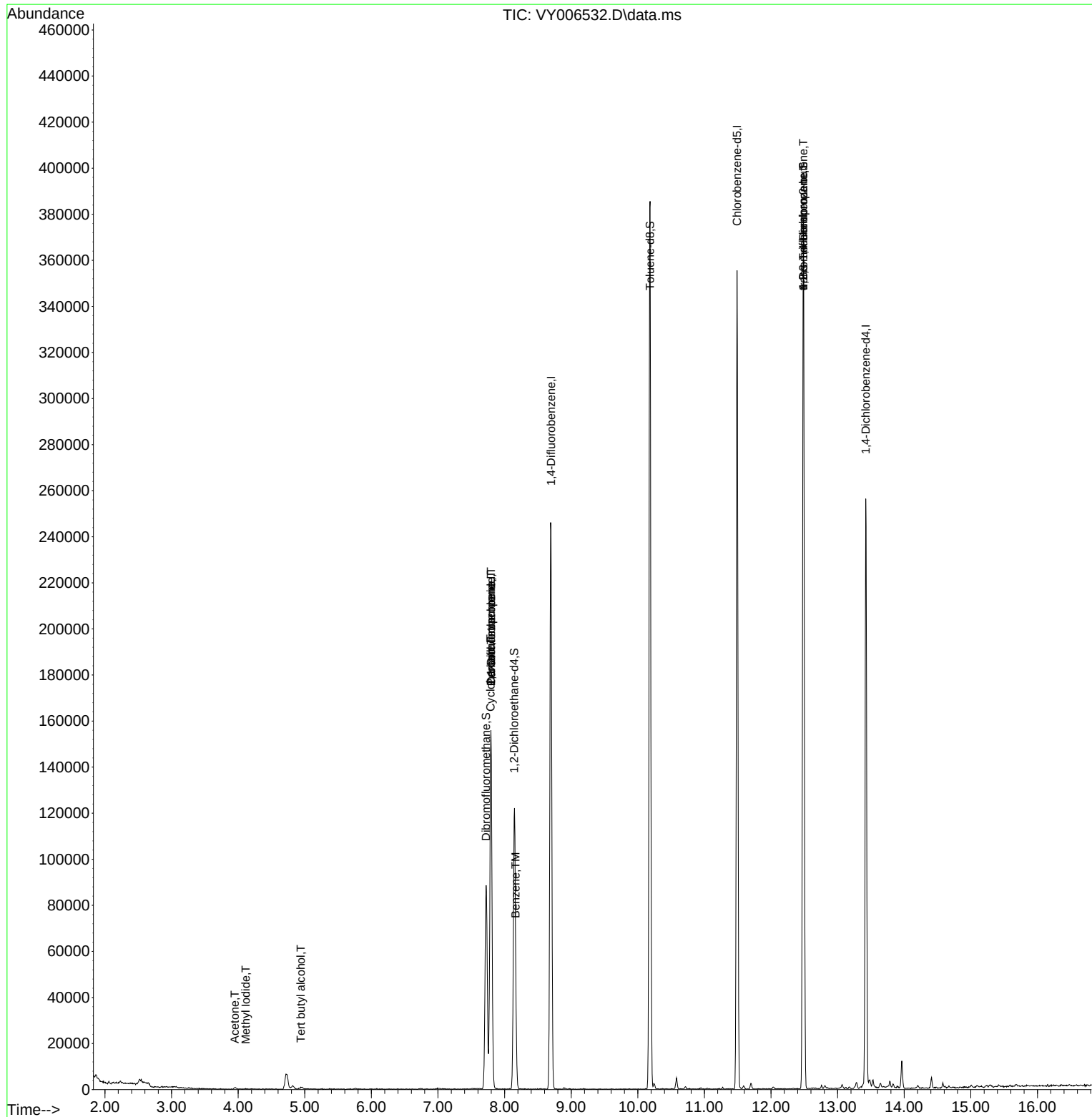
Internal Standards						
1) Pentafluorobenzene	7.795	168	116992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	196745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90867	63.117	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.240%	
35) Dibromofluoromethane	7.722	113	59898	54.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.240%	
50) Toluene-d8	10.185	98	248338	53.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.840%	
62) 4-Bromofluorobenzene	12.483	95	70086	44.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.520%	
Target Compounds						
10) Methyl Iodide	4.113	142	279	5.277	ug/l #	52
11) Tert butyl alcohol	4.942	59	985	7.531	ug/l #	72
16) Acetone	3.948	43	1198	2.890	ug/l	97
20) Methylene Chloride	4.716	84	4849	Below Cal		93
31) Cyclohexane	7.789	56	3056	1.311	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	9689	4.984	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12119	5.651	ug/l #	15
40) Benzene	8.167	78	13903	2.508	ug/l	97
76) 1,2,3-Trichloropropane	12.483	75	42350	65.501	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42350	134.472	ug/l #	7

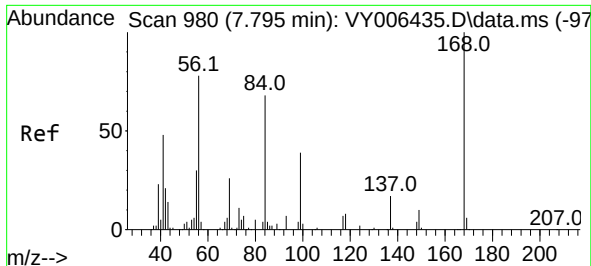
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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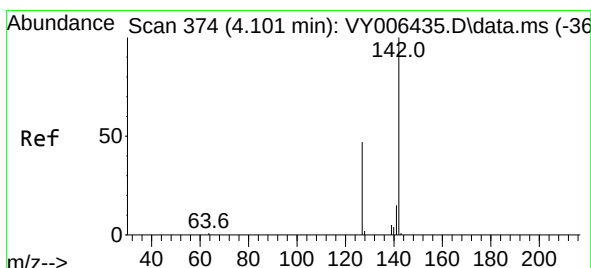
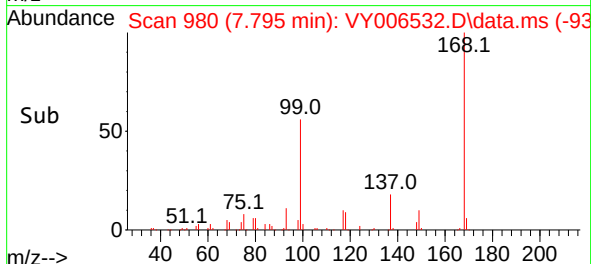
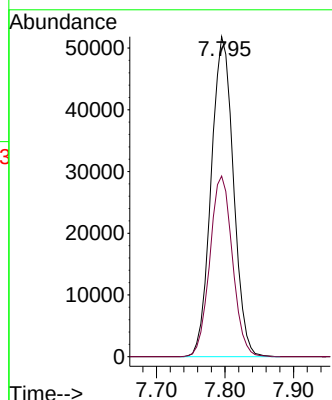
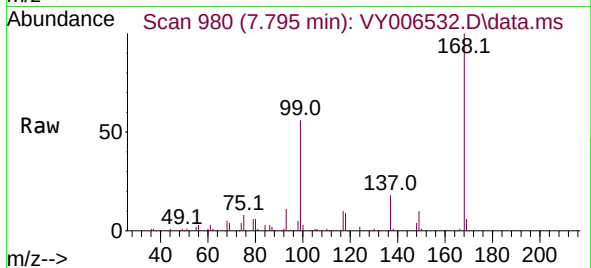




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

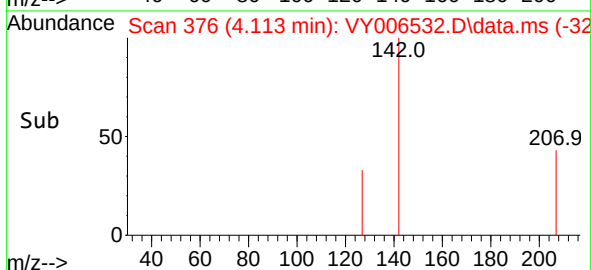
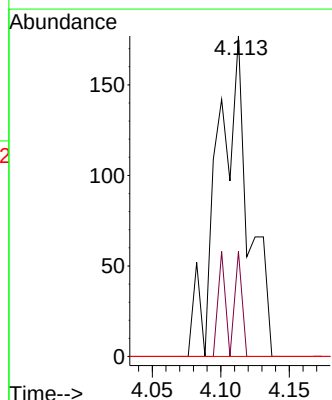
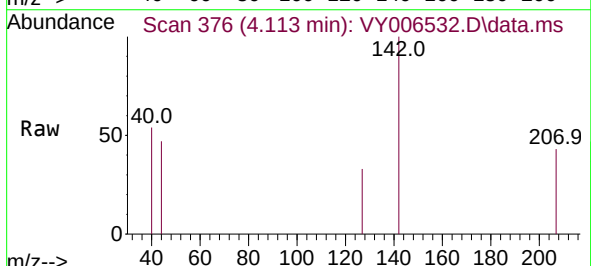
Instrument :
MSVOA_Y
ClientSampleId :

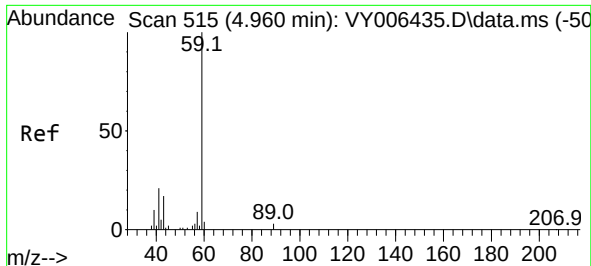
Tgt Ion:168 Resp: 116992
Ion Ratio Lower Upper
168 100
99 56.5 44.8 67.2



#10
Methyl Iodide
Concen: 5.277 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

Tgt Ion:142 Resp: 279
Ion Ratio Lower Upper
142 100
127 15.1 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 7.531 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.018 min

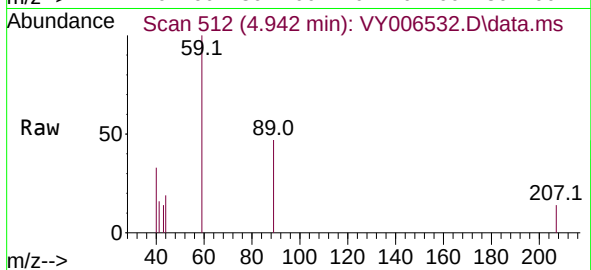
Lab File: VY006532.D

Acq: 29 Oct 2021 12:09

Instrument :

MSVOA_Y

ClientSampleId :

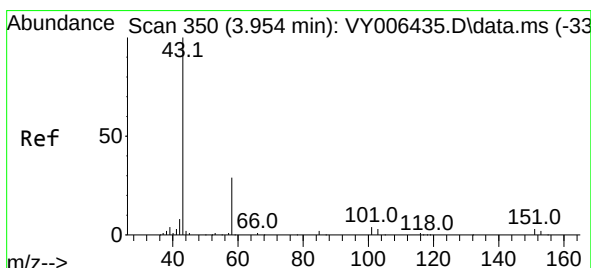
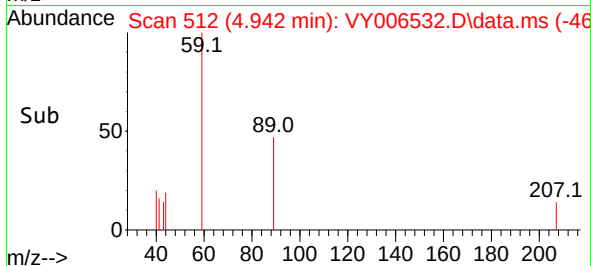
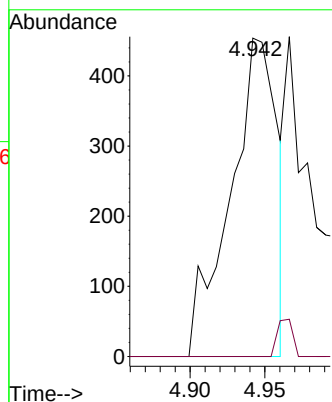


Tgt Ion: 59 Resp: 985

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 2.890 ug/l

RT: 3.948 min Scan# 349

Delta R.T. -0.006 min

Lab File: VY006532.D

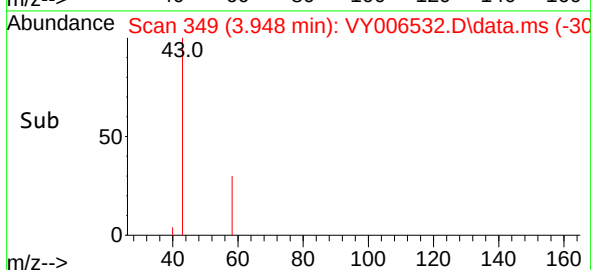
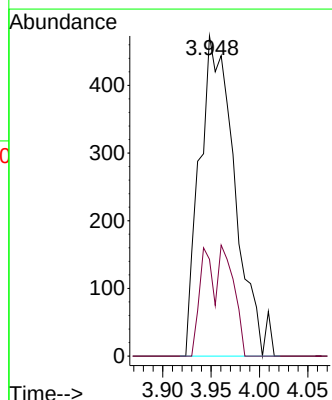
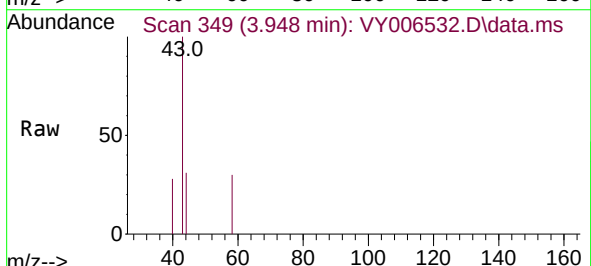
Acq: 29 Oct 2021 12:09

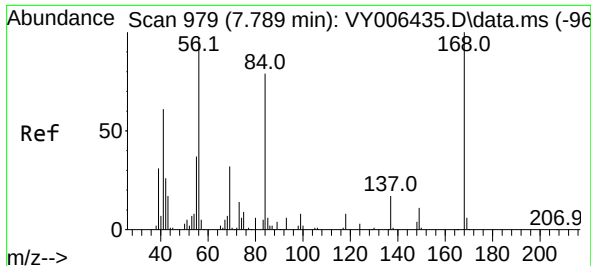
Tgt Ion: 43 Resp: 1198

Ion Ratio Lower Upper

43 100

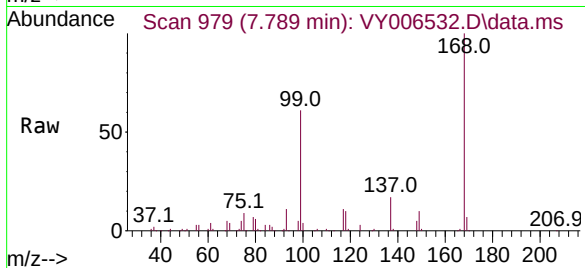
58 30.2 22.9 34.3



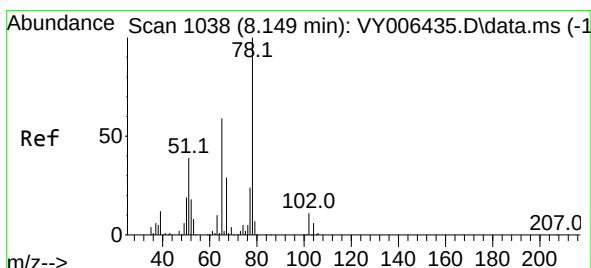
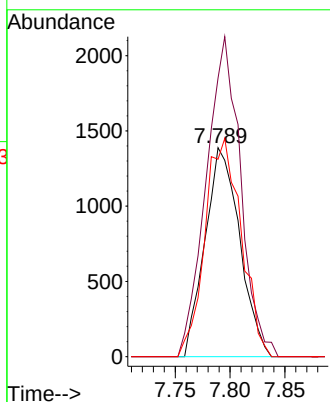
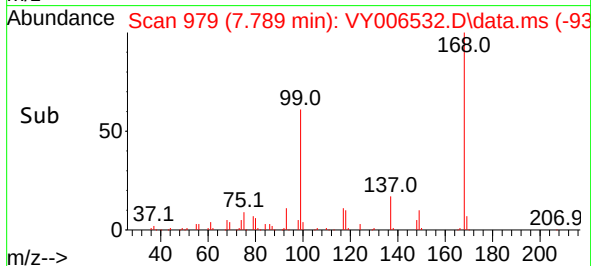


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

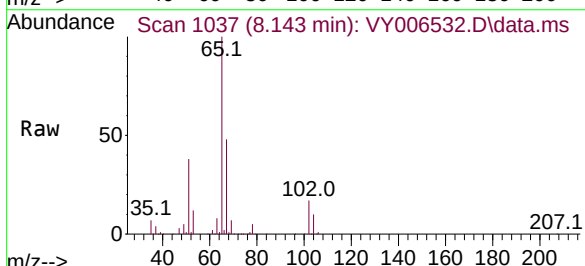
Instrument :
MSVOA_Y
ClientSampleId :



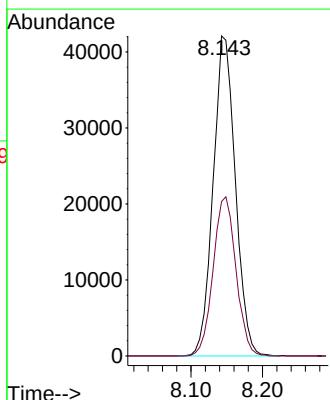
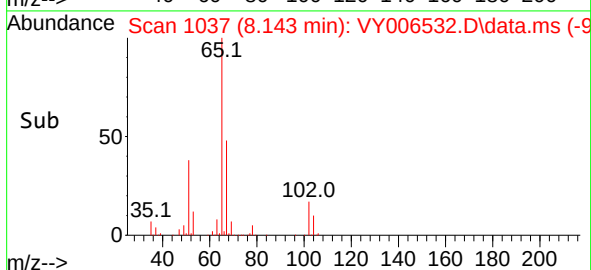
Tgt Ion	Ratio	Lower	Upper
56	100		
69	133.4	26.6	40.0#
84	94.5	65.0	97.4

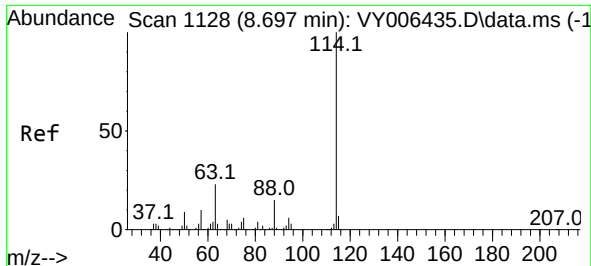


#33
1,2-Dichloroethane-d4
Concen: 63.117 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09



Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.1	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: VY006532.D

Acq: 29 Oct 2021 12:09

Instrument :

MSVOA_Y

ClientSampleId :

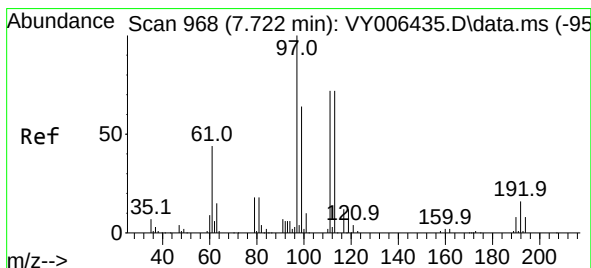
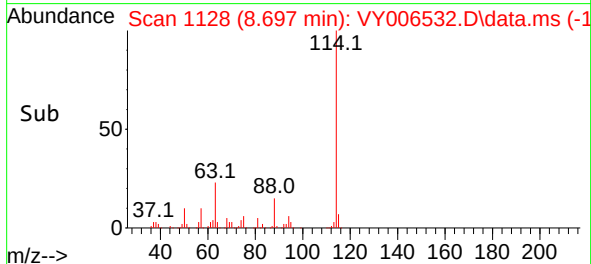
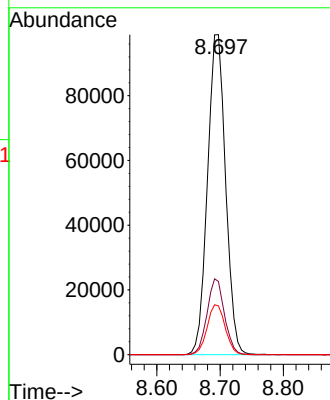
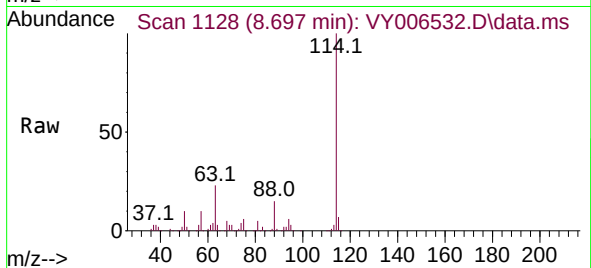
Tgt Ion:114 Resp: 196745

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.622 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006532.D

Acq: 29 Oct 2021 12:09

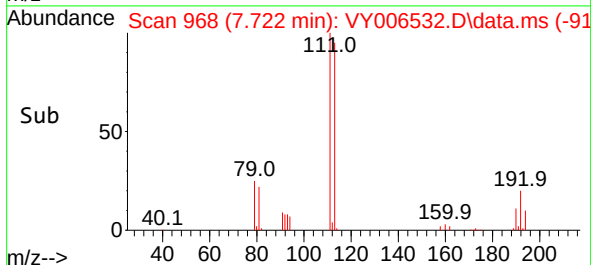
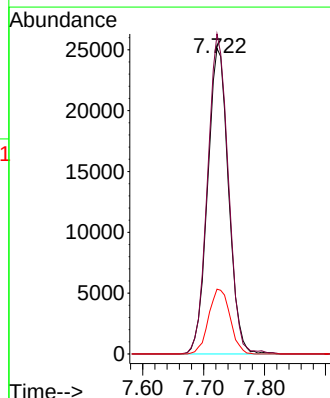
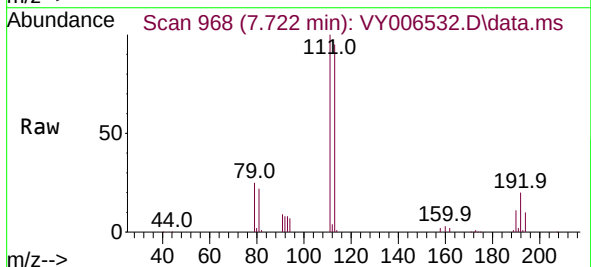
Tgt Ion:113 Resp: 59898

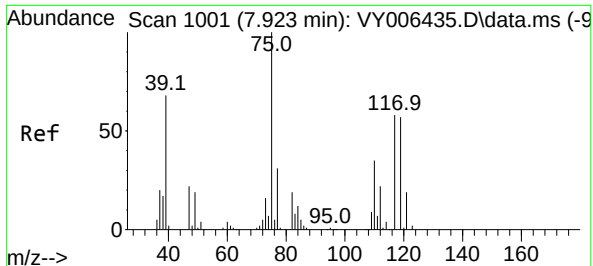
Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

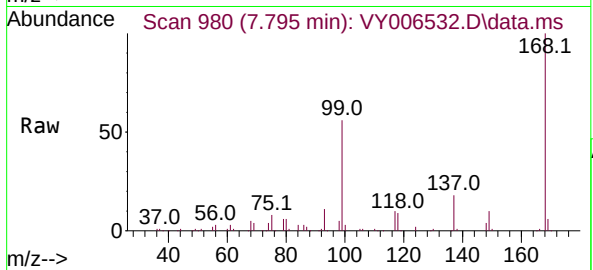
192 21.7 17.4 26.2



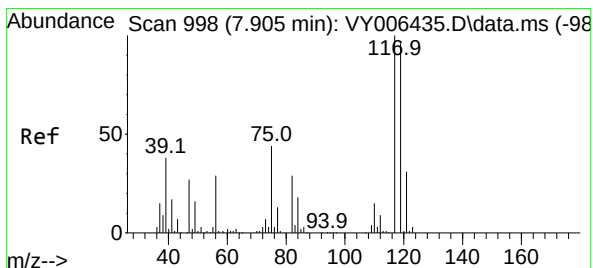
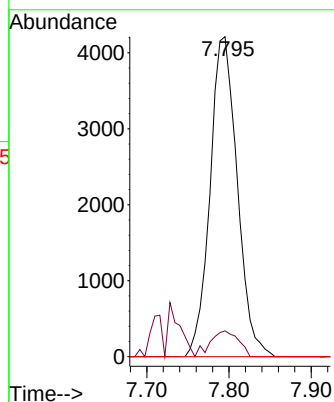
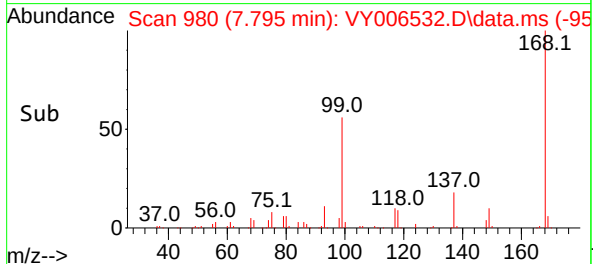


#36
 1,1-Dichloropropene
 Concen: 4.984 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY006532.D
 Acq: 29 Oct 2021 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :

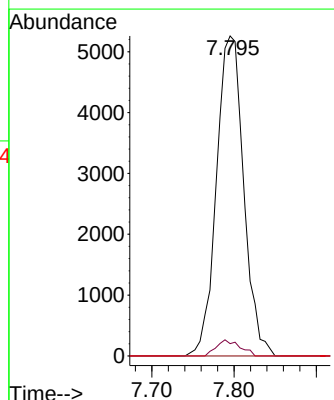
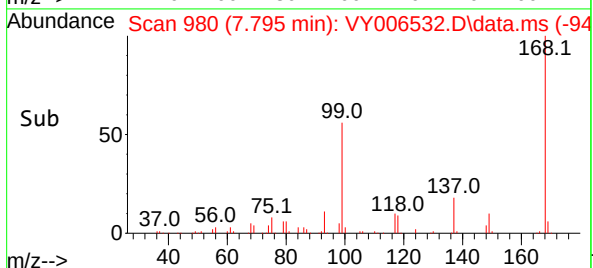
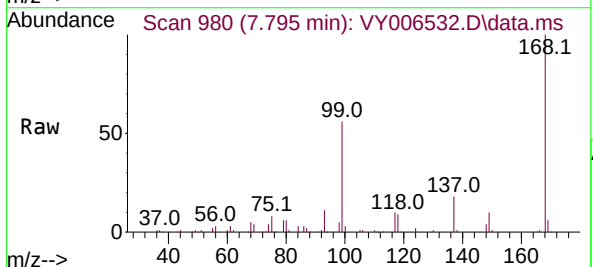


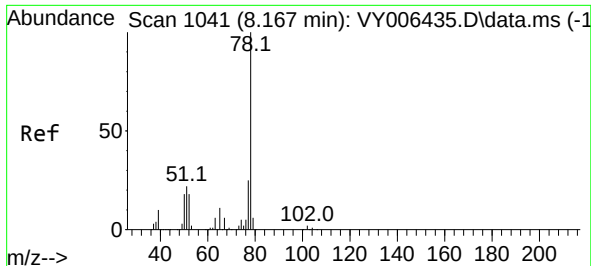
Tgt Ion: 75 Resp: 9689
 Ion Ratio Lower Upper
 75 100
 110 8.3 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.651 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.110 min
 Lab File: VY006532.D
 Acq: 29 Oct 2021 12:09

Tgt Ion: 117 Resp: 12119
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.6 115.0#
 121 0.0 24.7 37.1#

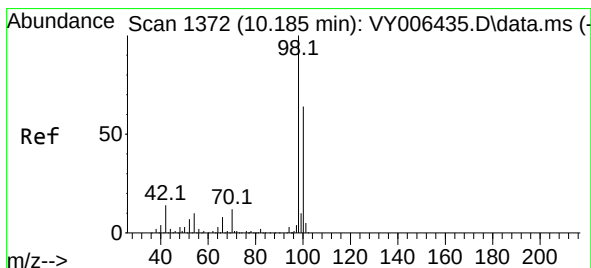
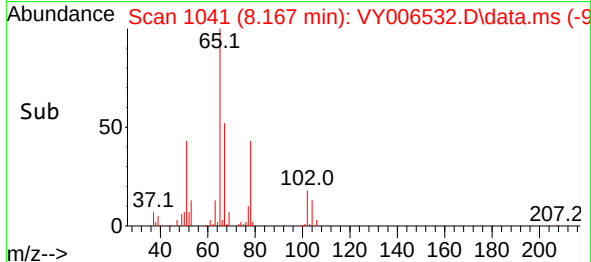
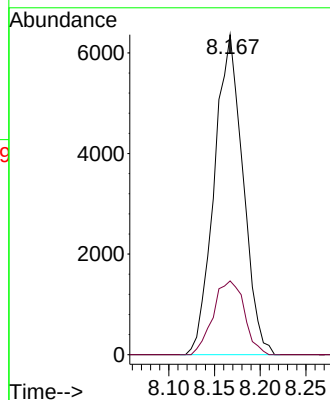
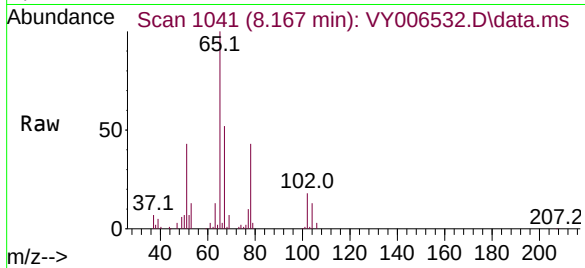




#40
Benzene
Concen: 2.508 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

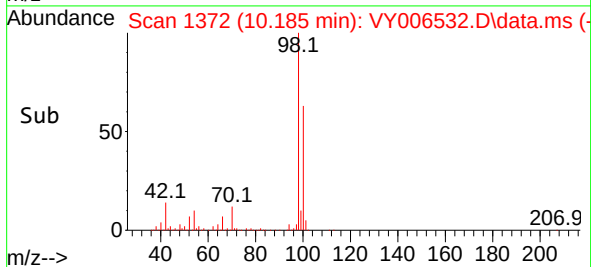
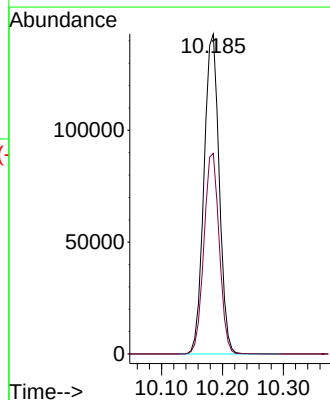
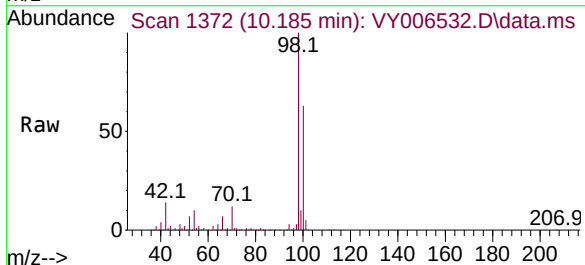
Instrument :
MSVOA_Y
ClientSampleId :

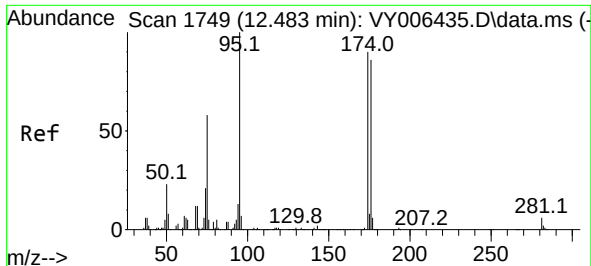
Tgt Ion: 78 Resp: 13903
Ion Ratio Lower Upper
78 100
77 23.0 19.7 29.5



#50
Toluene-d8
Concen: 53.421 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

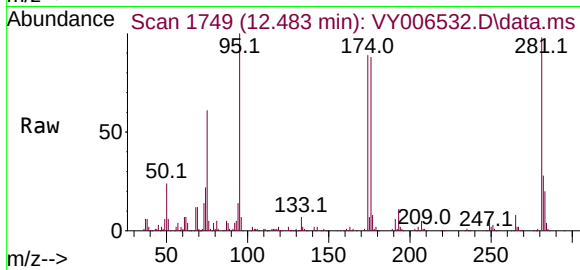
Tgt Ion: 98 Resp: 248338
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



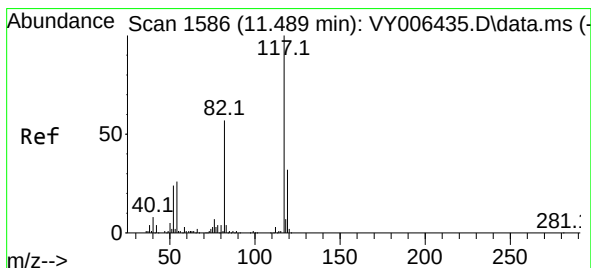
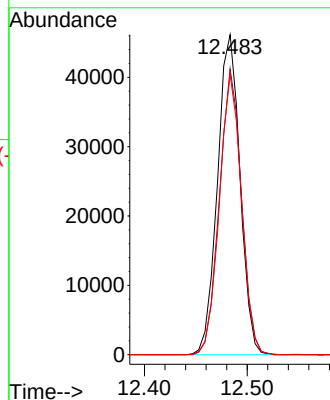
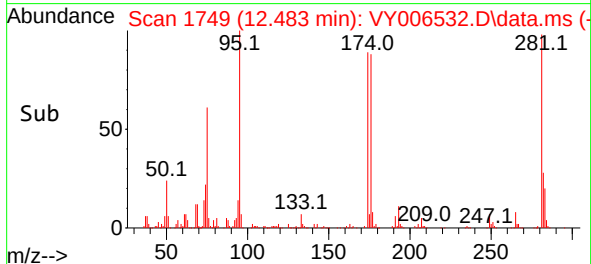


#62
4-Bromofluorobenzene
Concen: 44.756 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09

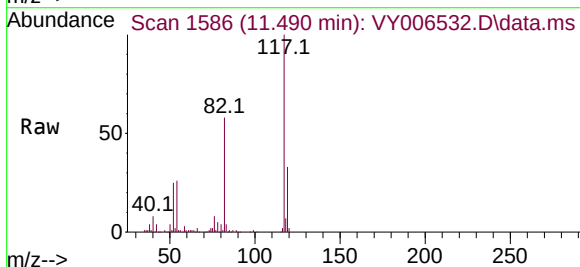
Instrument :
MSVOA_Y
ClientSampleId :



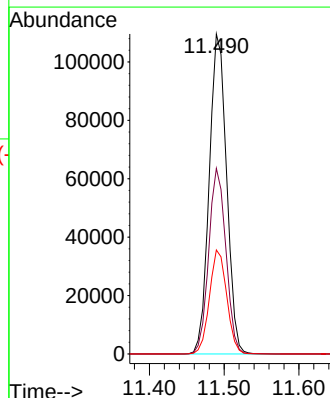
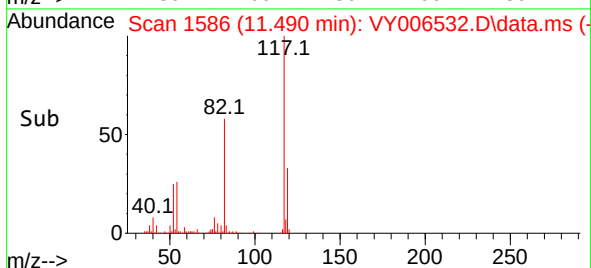
Tgt Ion: 95 Resp: 70086
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 85.9 0.0 169.4

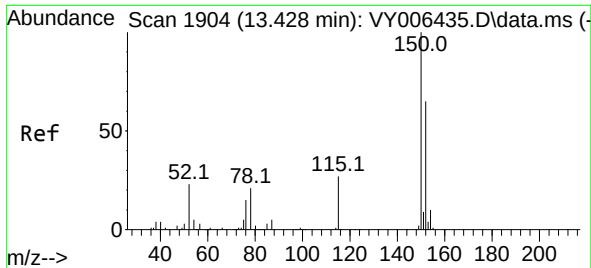


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006532.D
Acq: 29 Oct 2021 12:09



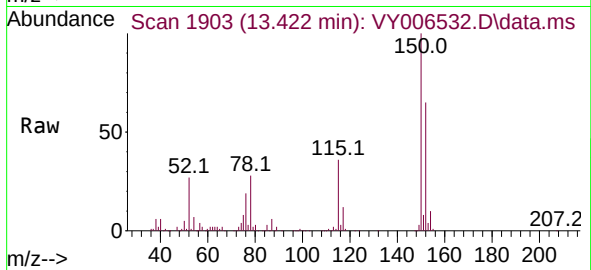
Tgt Ion: 117 Resp: 176413
Ion Ratio Lower Upper
117 100
82 58.0 45.7 68.5
119 32.5 25.5 38.3



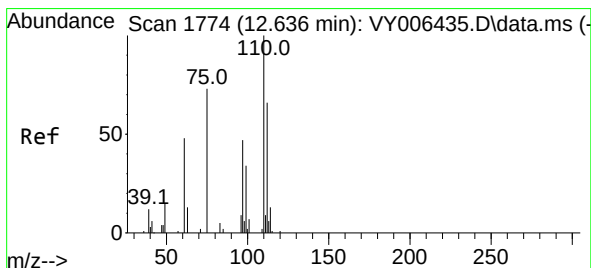
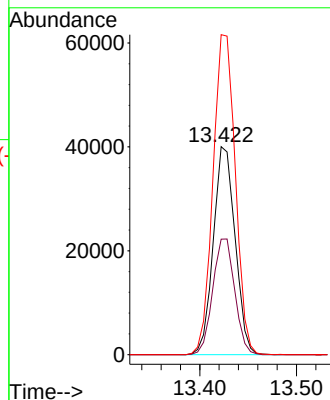
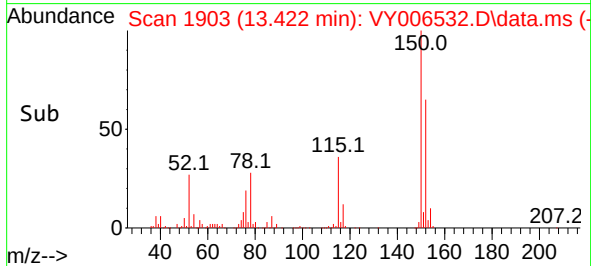


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY006532.D
 Acq: 29 Oct 2021 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :

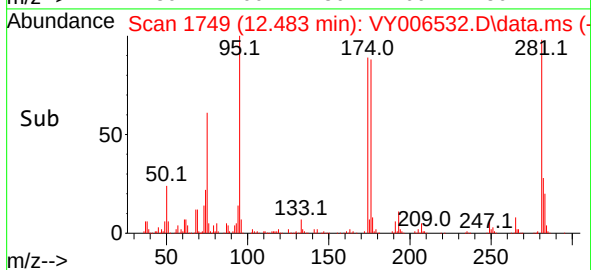
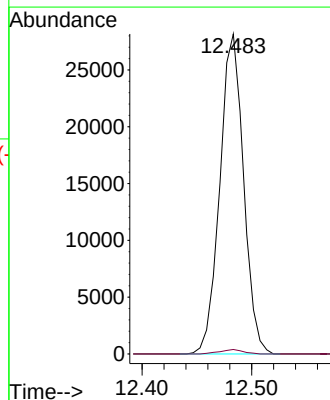
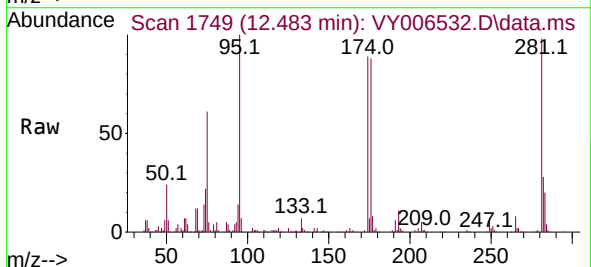


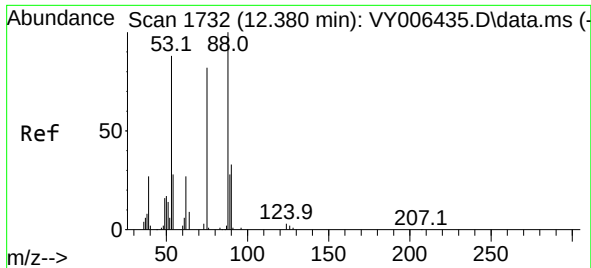
Tgt Ion:152 Resp: 62743
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.5 85.5
 150 157.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 65.501 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006532.D
 Acq: 29 Oct 2021 12:09

Tgt Ion: 75 Resp: 42350
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 134.472 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006532.D
 Acq: 29 Oct 2021 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 42350
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 1.0 39.3 58.9#

