

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008445.D
 Acq On : 21 Apr 2022 17:02
 Operator : KP/MD
 Sample : N2493-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 22 05:26:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

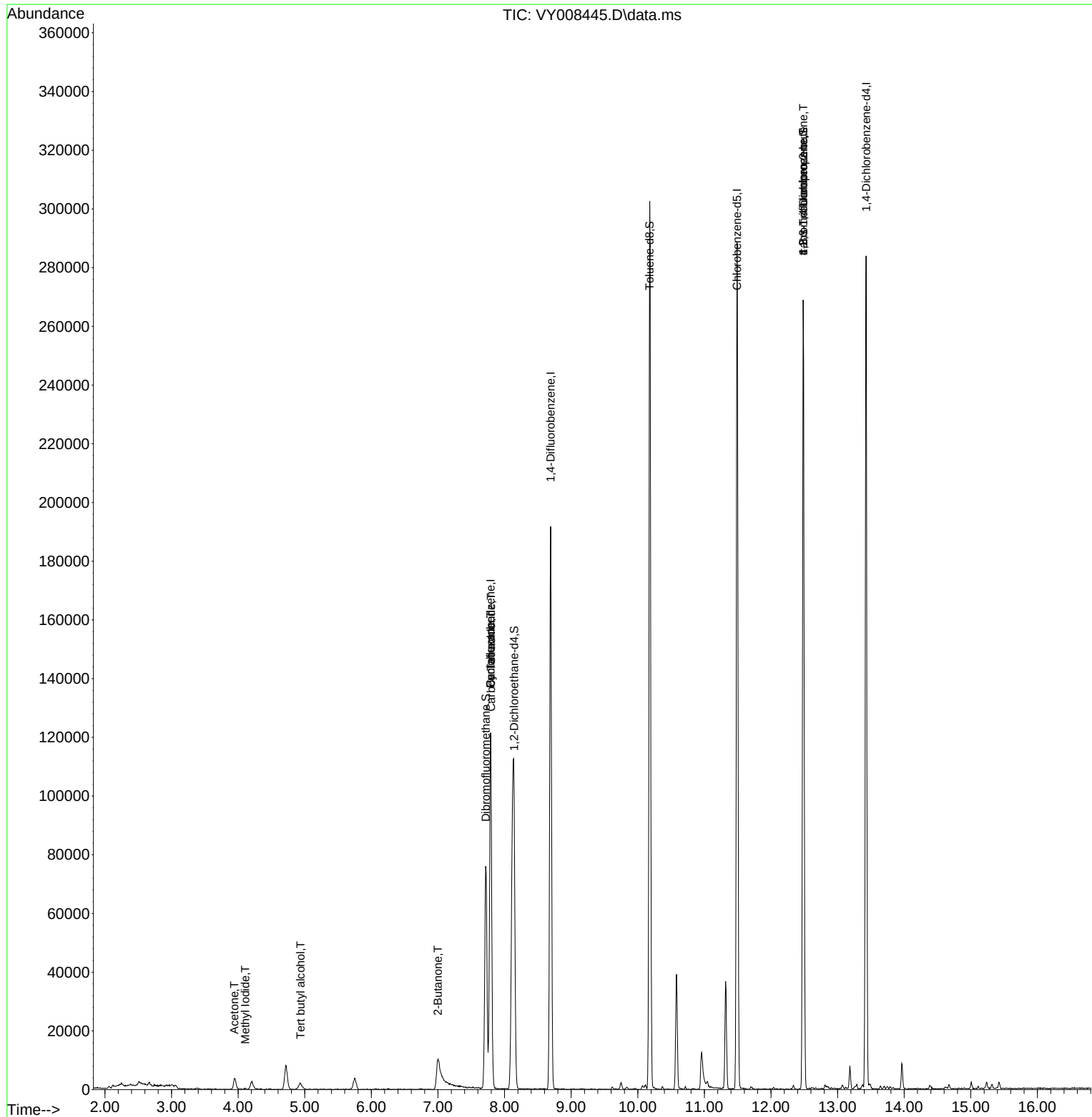
Internal Standards						
1) Pentafluorobenzene	7.789	168	93353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	167855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	161469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53893	49.064	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.120%
35) Dibromofluoromethane	7.716	113	53308	49.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.420%
50) Toluene-d8	10.179	98	203252	47.207	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.420%
62) 4-Bromofluorobenzene	12.483	95	68270	46.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.600%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	522	2.050	ug/l #	71
11) Tert butyl alcohol	4.936	59	3049	3.308	ug/l #	84
16) Acetone	3.942	43	6706	26.211	ug/l	94
20) Methylene Chloride	4.723	84	6482	Below Cal	#	76
25) 2-Butanone	6.997	43	525	1.326	ug/l #	54
31) Cyclohexane	7.789	56	1946	1.078	ug/l #	1
38) Carbon Tetrachloride	7.795	117	9169	5.121	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	37257	40.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37257	93.815	ug/l #	8

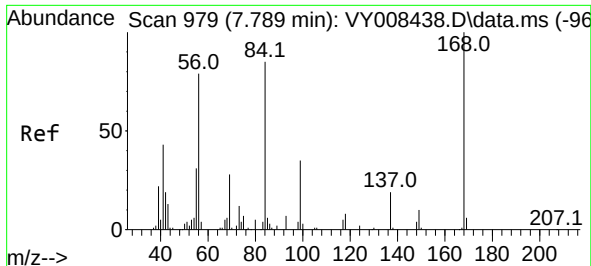
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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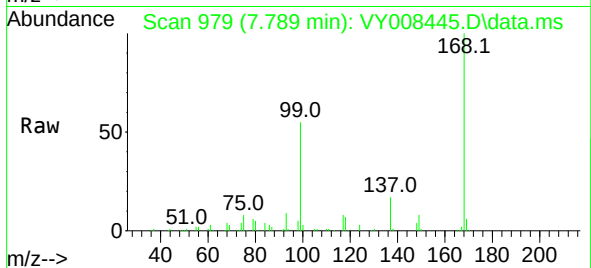
Quant Time: Apr 22 05:26:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
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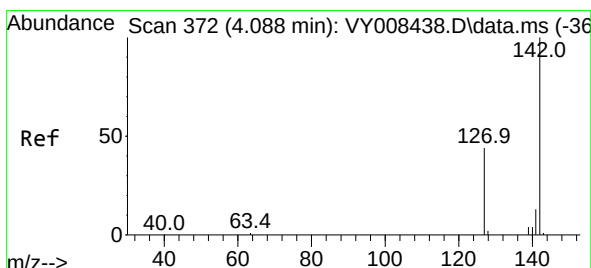
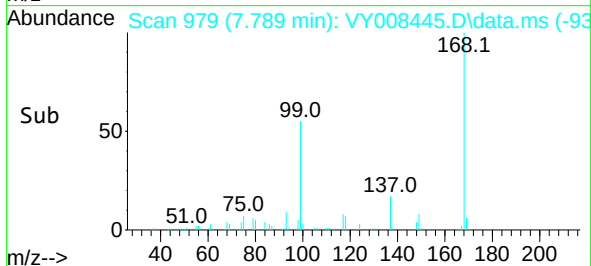
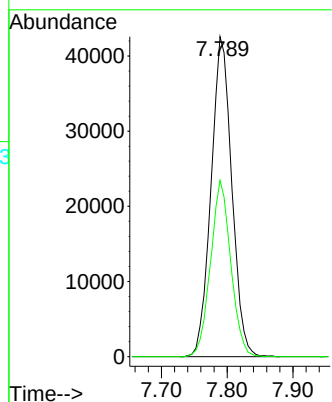


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

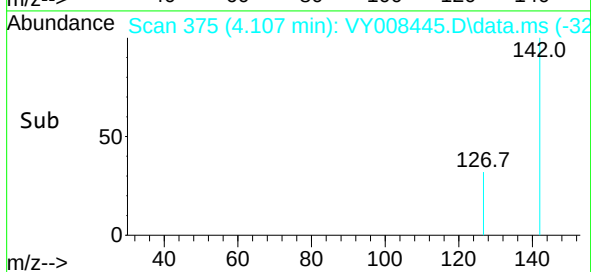
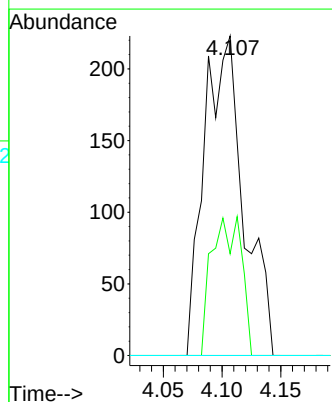
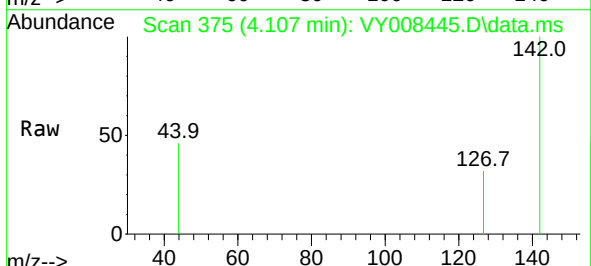


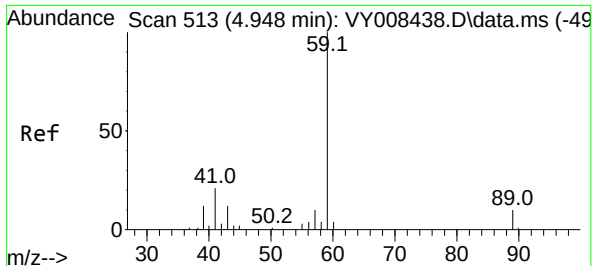
Tgt Ion:168 Resp: 93353
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#10
Methyl Iodide
Concen: 2.050 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion:142 Resp: 522
Ion Ratio Lower Upper
142 100
127 32.8 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 3.308 ug/l

RT: 4.936 min Scan# 513

Delta R.T. -0.012 min

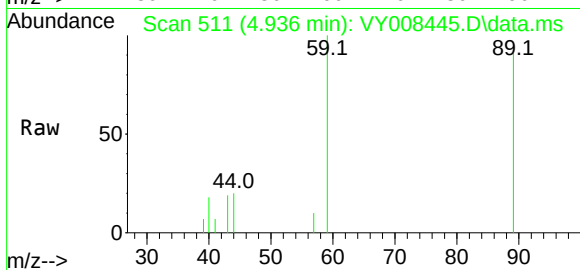
Lab File: VY008445.D

Acq: 21 Apr 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

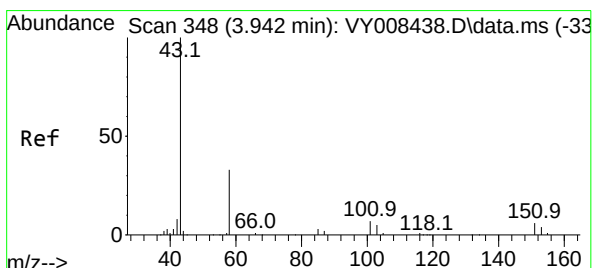
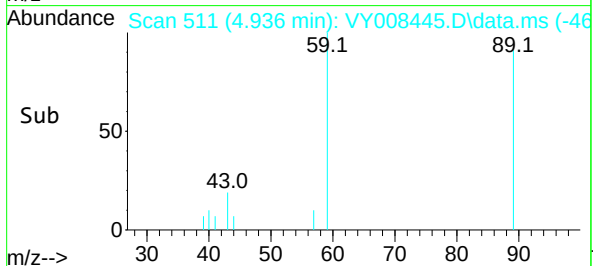
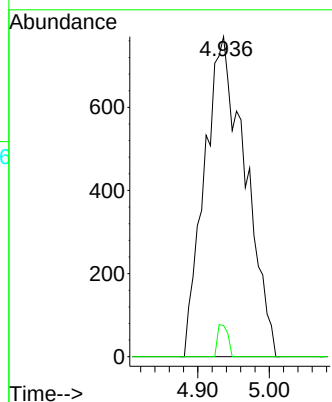


Tgt Ion: 59 Resp: 3049

Ion Ratio Lower Upper

59 100

57 2.5 6.4 9.6#



#16

Acetone

Concen: 26.211 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY008445.D

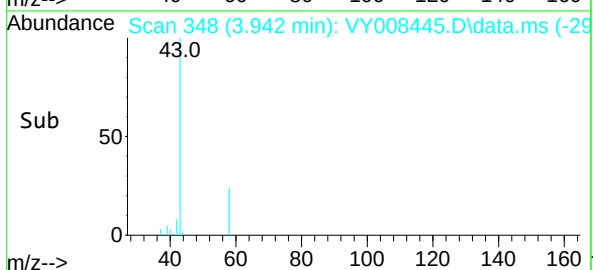
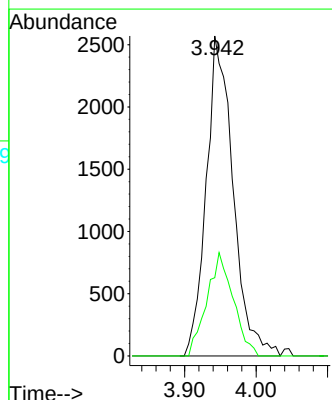
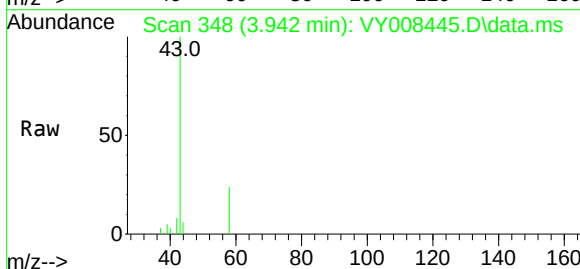
Acq: 21 Apr 2022 17:02

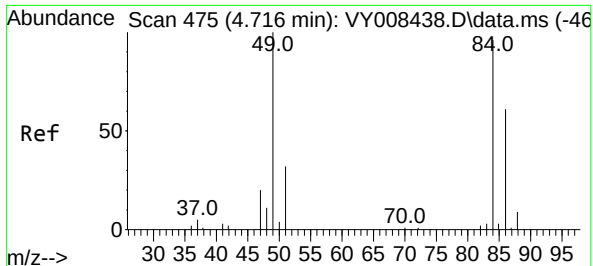
Tgt Ion: 43 Resp: 6706

Ion Ratio Lower Upper

43 100

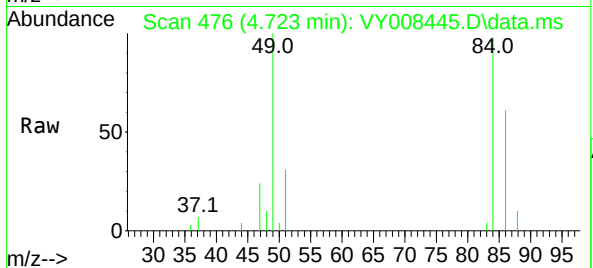
58 24.5 22.0 33.0





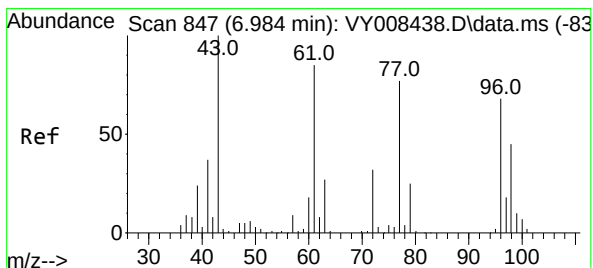
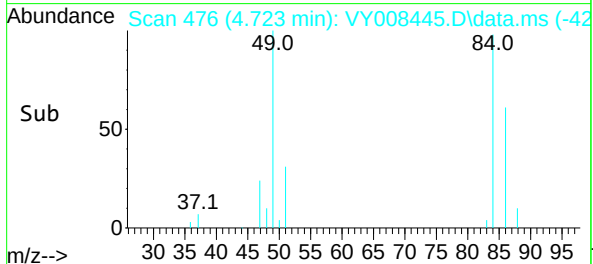
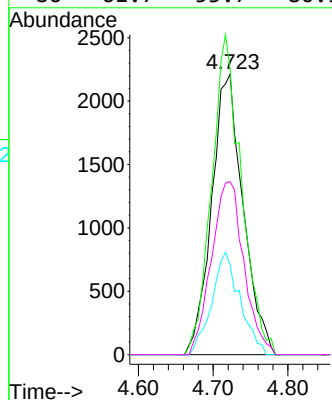
#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 41
Delta R.T. 0.007 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 6482

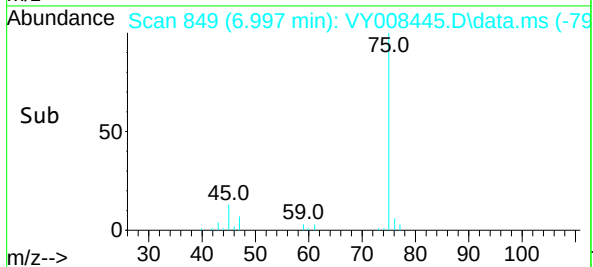
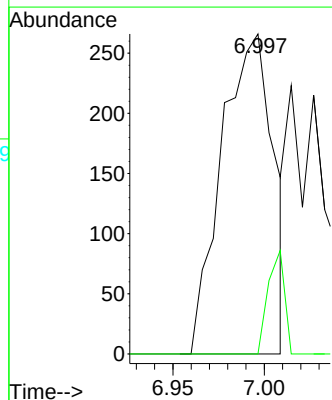
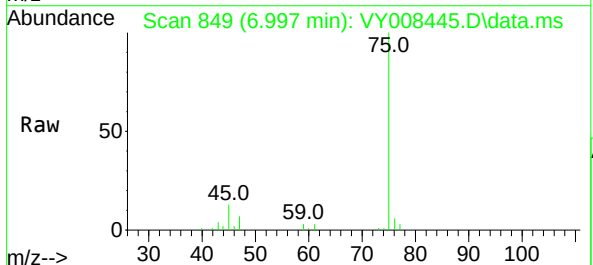
Ion	Ratio	Lower	Upper
84	100		
49	101.9	114.4	171.6#
51	32.1	35.3	52.9#
86	61.7	53.7	80.5

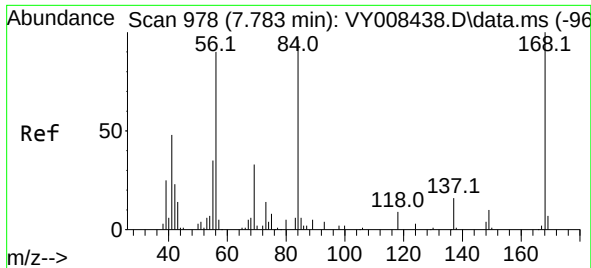


#25
2-Butanone
Concen: 1.326 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion: 43 Resp: 525

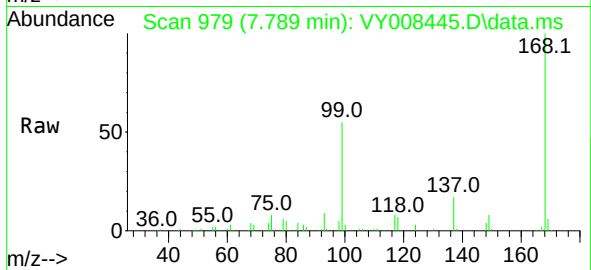
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



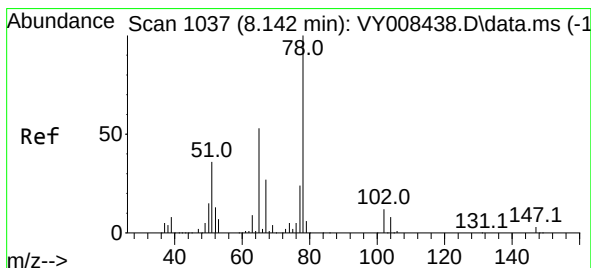
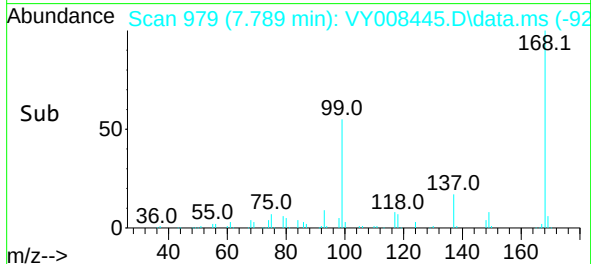
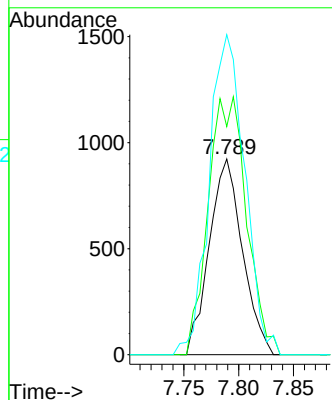


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

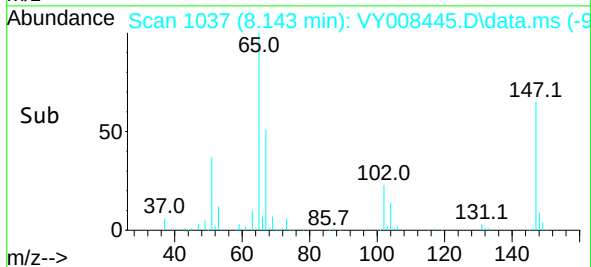
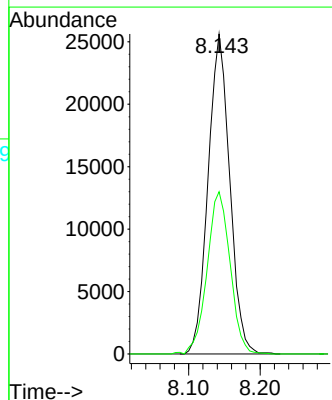
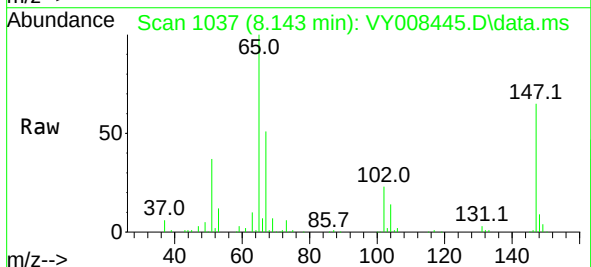


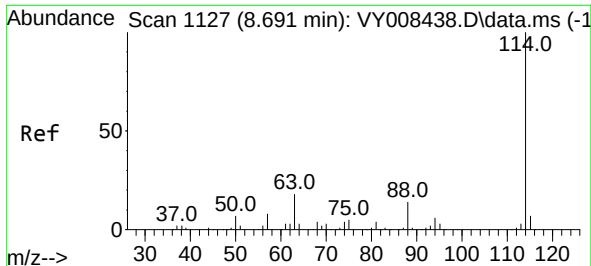
Tgt Ion: 56 Resp: 1946
Ion Ratio Lower Upper
56 100
69 116.6 26.7 40.1#
84 163.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.064 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion: 65 Resp: 53893
Ion Ratio Lower Upper
65 100
67 53.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008445.D

Acq: 21 Apr 2022 17:02

Instrument :

MSVOA_Y

ClientSampleId :

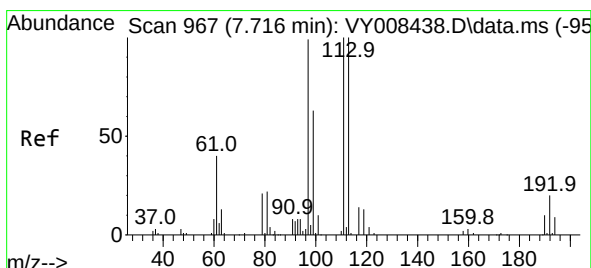
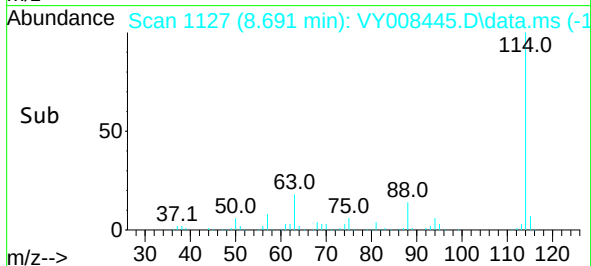
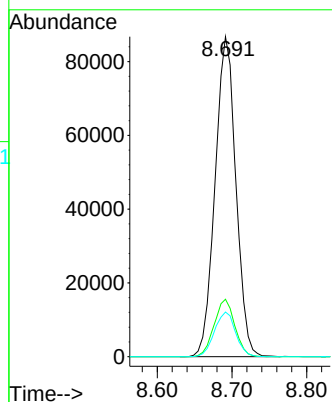
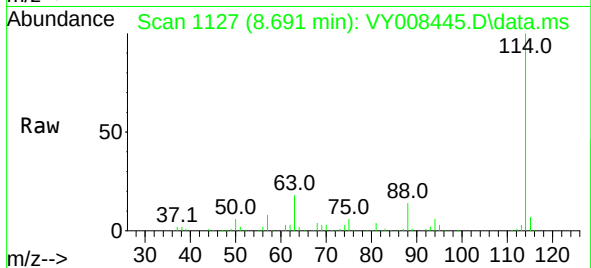
Tgt Ion:114 Resp: 167855

Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 14.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.209 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008445.D

Acq: 21 Apr 2022 17:02

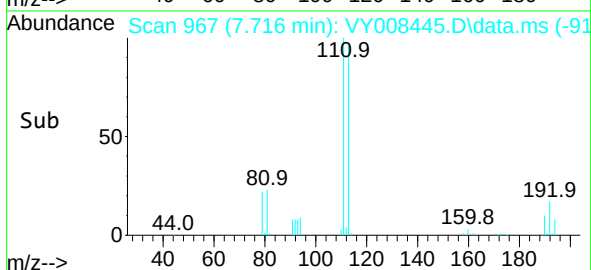
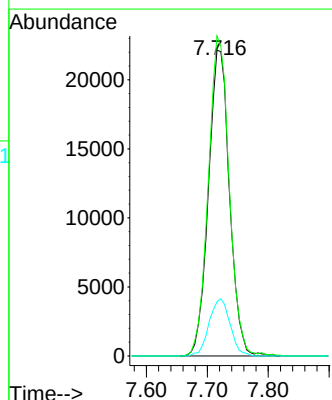
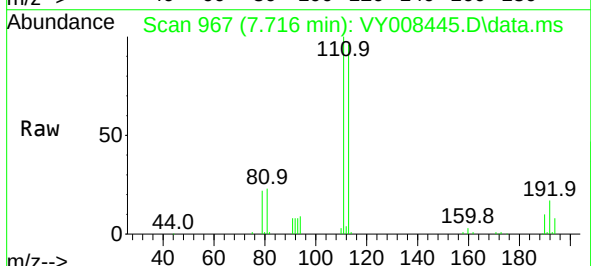
Tgt Ion:113 Resp: 53308

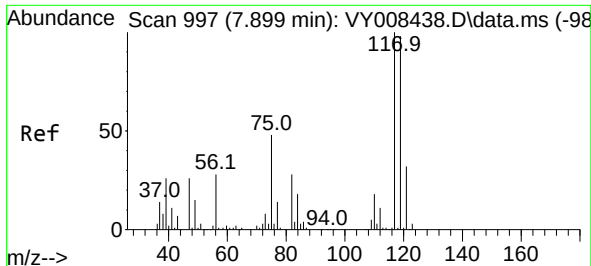
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

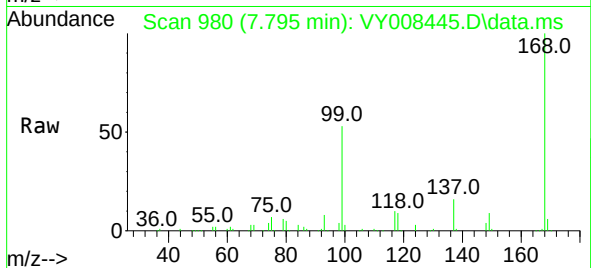
192 18.5 17.6 26.4



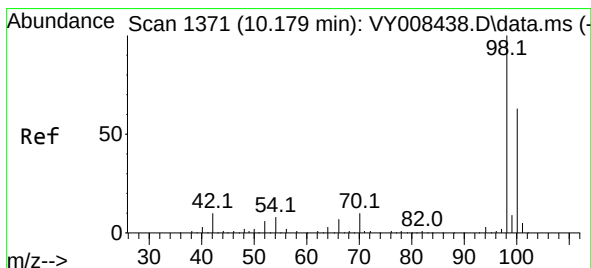
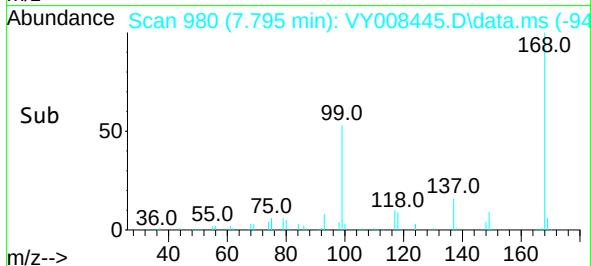
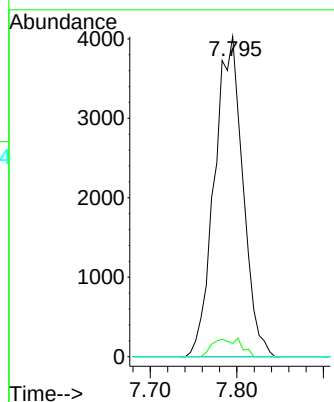


#38
Carbon Tetrachloride
Concen: 5.121 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Instrument :
MSVOA_Y
ClientSampleId :

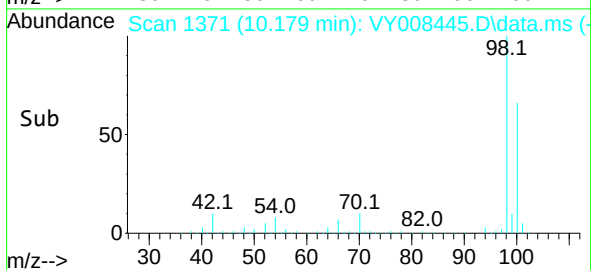
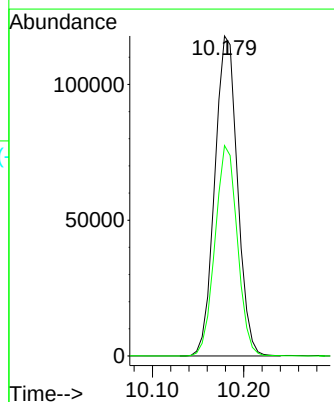
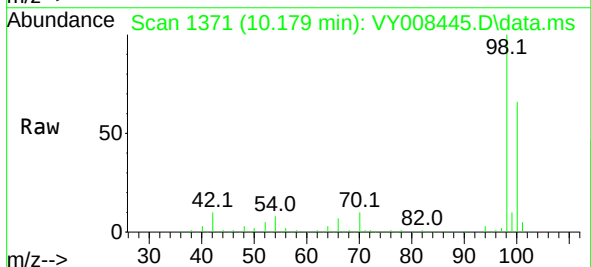


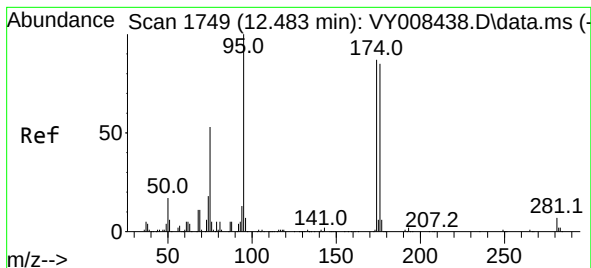
Tgt Ion:117 Resp: 9169
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.207 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion: 98 Resp: 203252
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

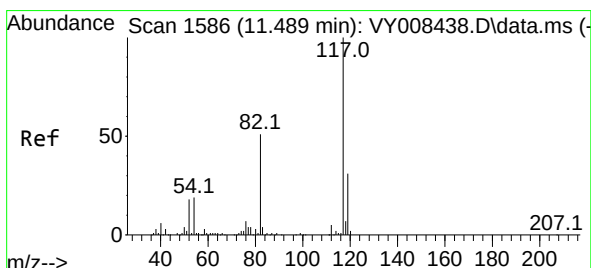
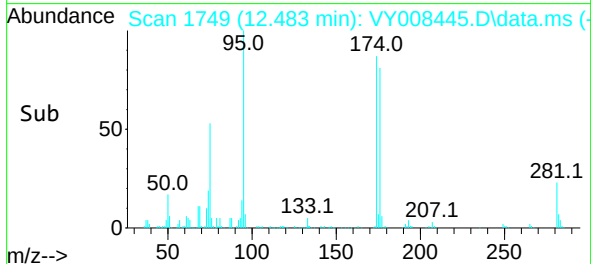
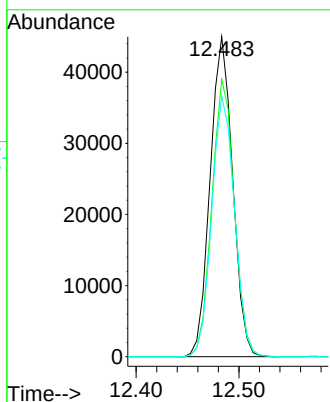
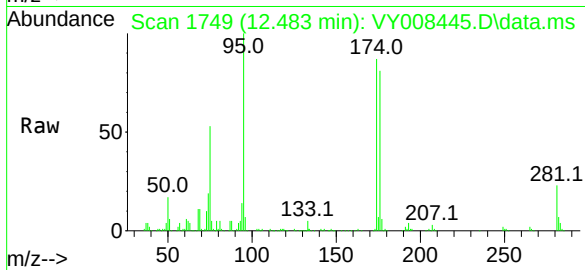




#62
4-Bromofluorobenzene
Concen: 46.801 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

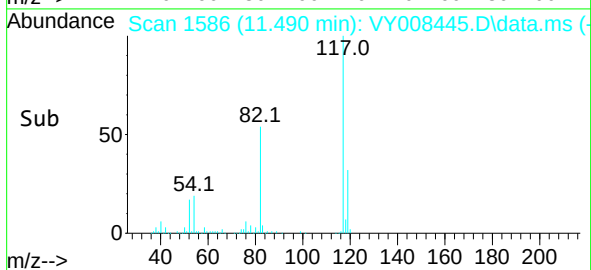
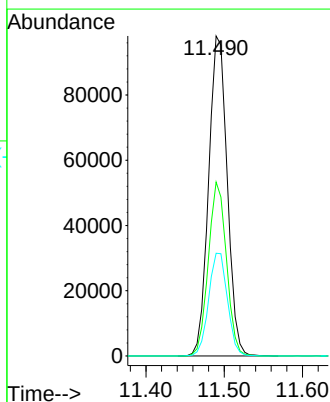
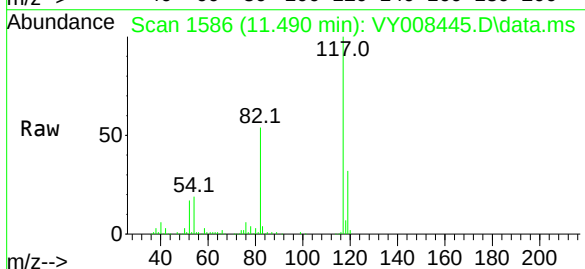
Instrument :
MSVOA_Y
ClientSampleId :

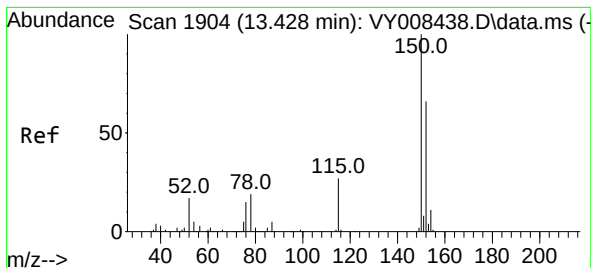
Tgt Ion: 95 Resp: 68270
Ion Ratio Lower Upper
95 100
174 86.7 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008445.D
Acq: 21 Apr 2022 17:02

Tgt Ion: 117 Resp: 161469
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.1 25.4 38.0

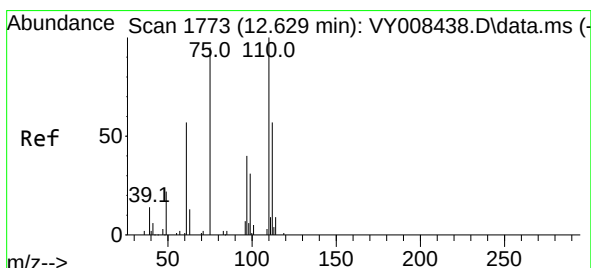
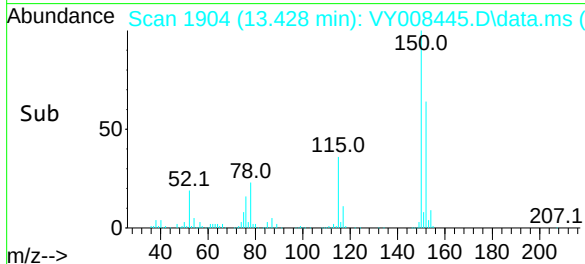
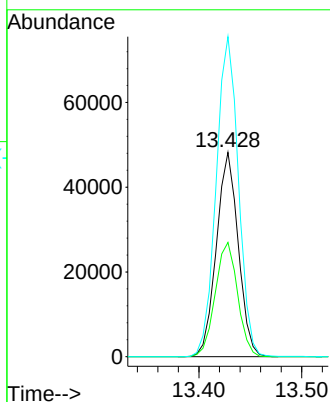
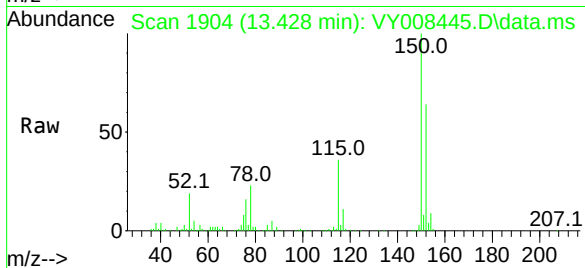




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008445.D
 Acq: 21 Apr 2022 17:02

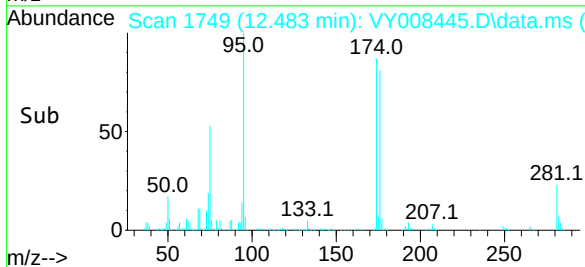
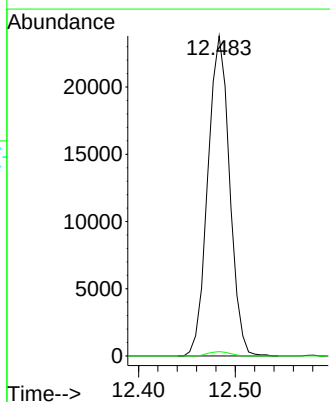
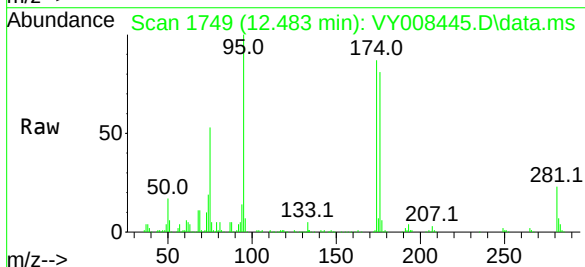
Instrument :
 MSVOA_Y
 ClientSampleId :

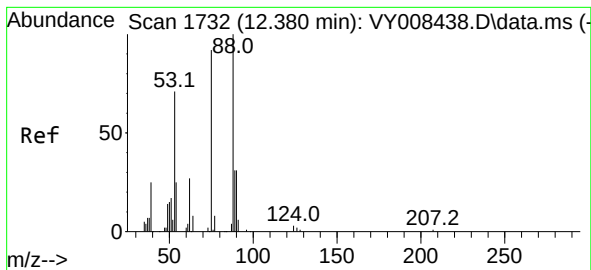
Tgt Ion:152 Resp: 71189
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 159.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.439 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008445.D
 Acq: 21 Apr 2022 17:02

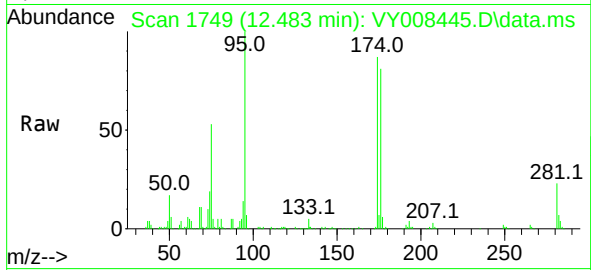
Tgt Ion: 75 Resp: 37257
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.815 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008445.D
 Acq: 21 Apr 2022 17:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37257
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.7 37.0 55.4#

