

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007643.D
 Acq On : 25 Feb 2022 17:45
 Operator : SY/MD
 Sample : N1664-28
 Misc : 5.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Feb 27 23:59:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

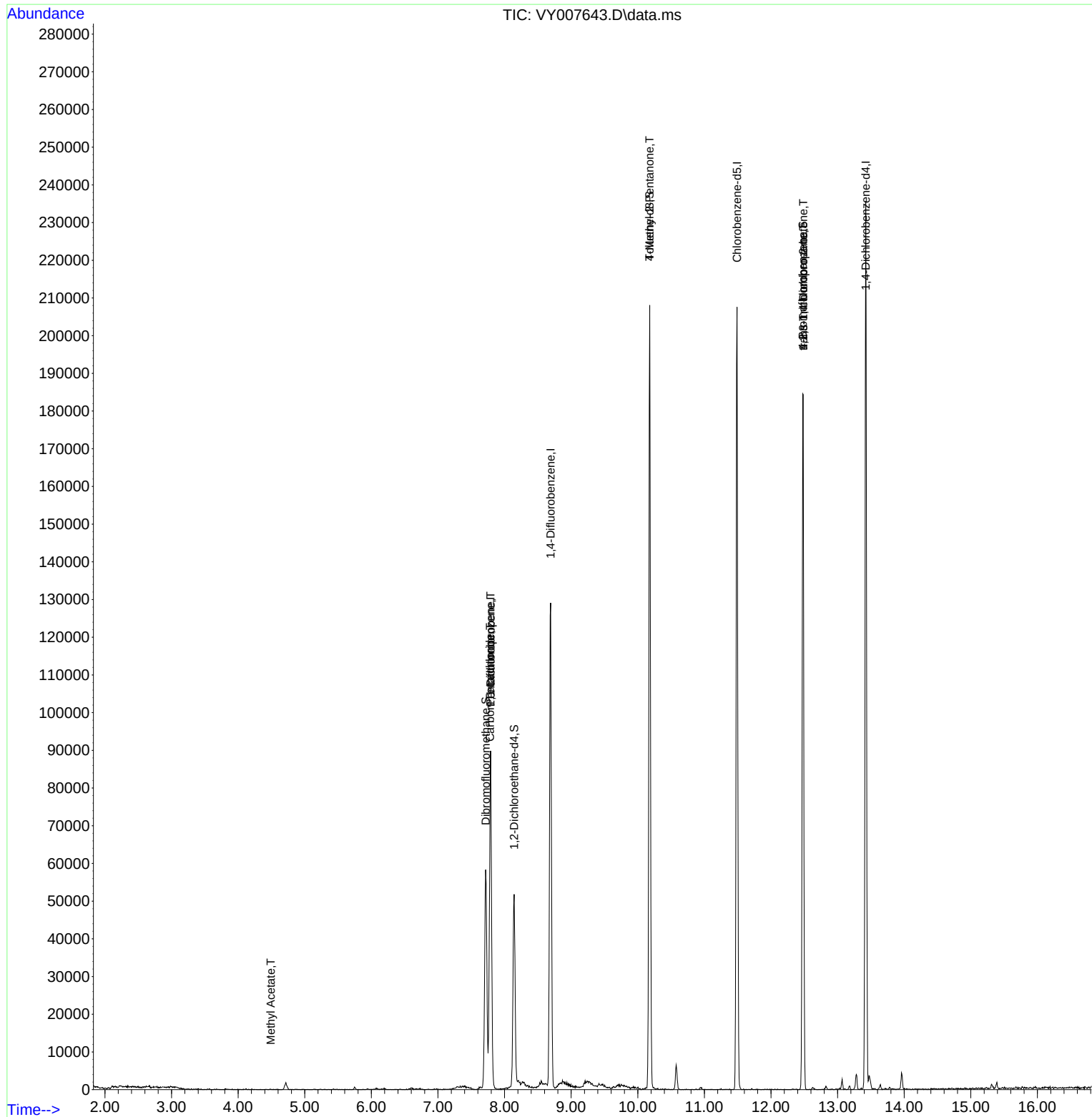
Internal Standards						
1) Pentafluorobenzene	7.789	168	65013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	109845	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	109715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40007	55.316	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 110.640%	
35) Dibromofluoromethane	7.716	113	36149	52.155	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 104.300%	
50) Toluene-d8	10.179	98	126876	49.516	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.477	95	48102	54.886	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 109.780%	
Target Compounds						Qvalue
5) Bromomethane	2.662	94	111	Below Cal	#	79
18) Methyl Acetate	4.491	43	78	1.457	ug/l #	56
20) Methylene Chloride	4.716	84	1205	Below Cal	#	64
31) Cyclohexane	7.795	56	1445	Below Cal	#	25
36) 1,1-Dichloropropene	7.789	75	4555	4.560	ug/l #	47
38) Carbon Tetrachloride	7.783	117	6625	4.530	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	549	1.188	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	29561	51.549	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29561	110.839	ug/l #	7

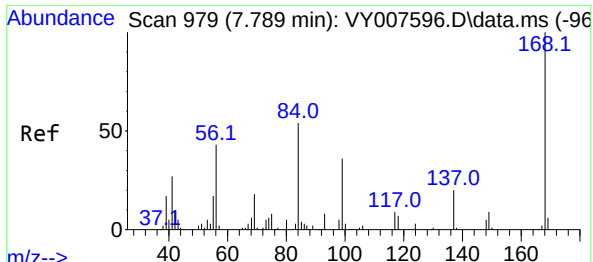
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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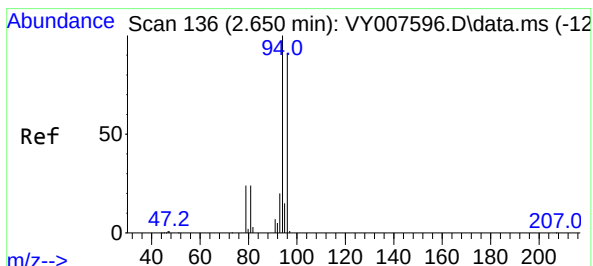
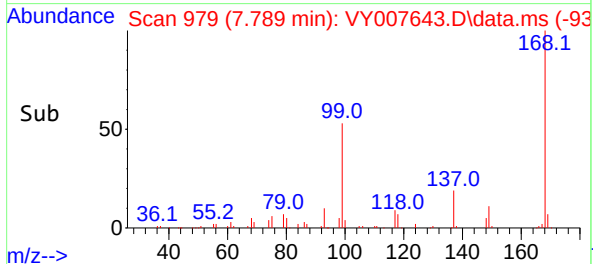
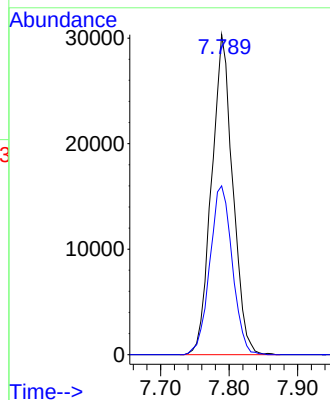
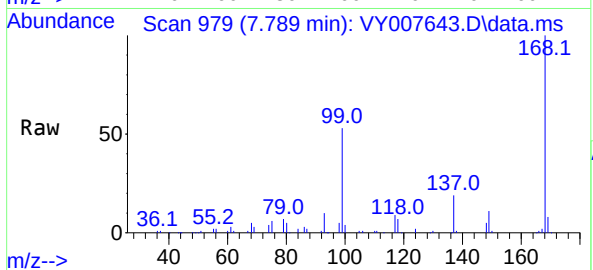




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

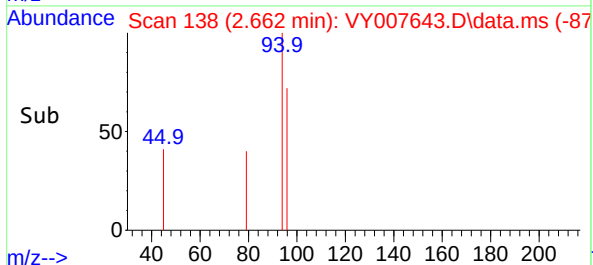
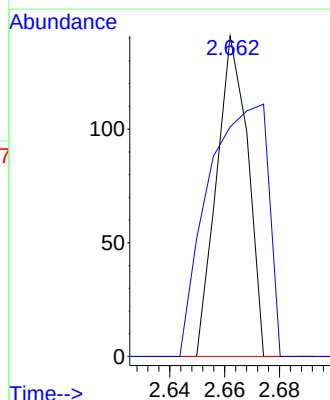
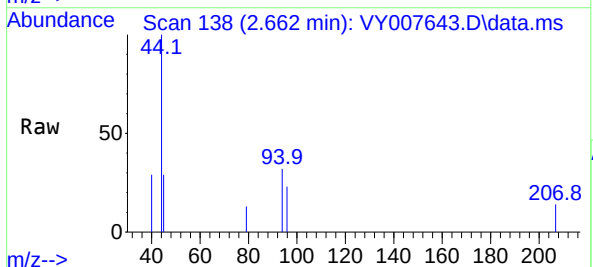
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

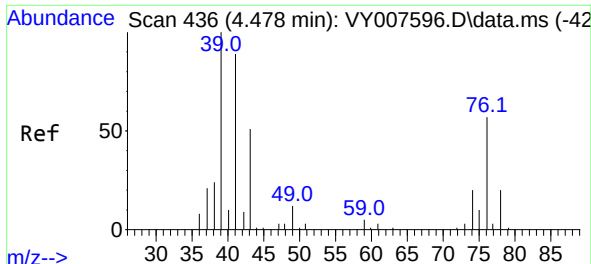
Tgt Ion:168 Resp: 65013
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

Tgt Ion: 94 Resp: 111
Ion Ratio Lower Upper
94 100
96 71.6 73.5 110.3#

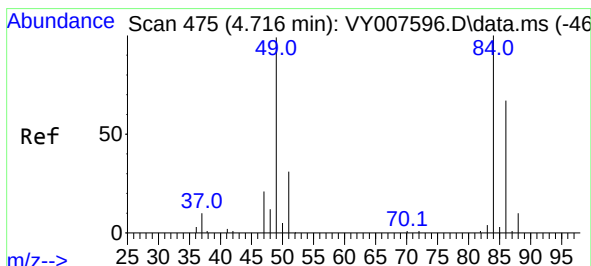
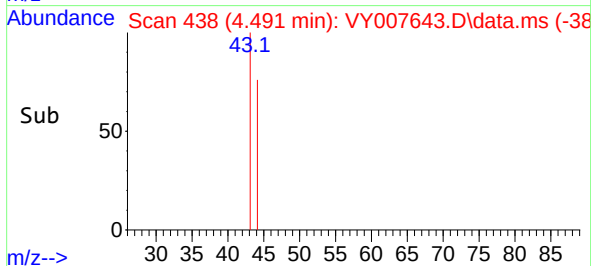
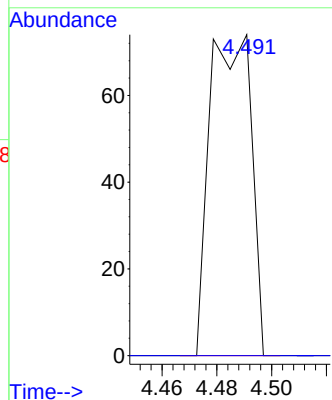
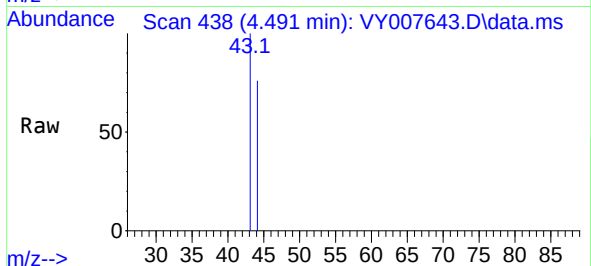




#18
Methyl Acetate
Concen: 1.457 ug/l
RT: 4.491 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

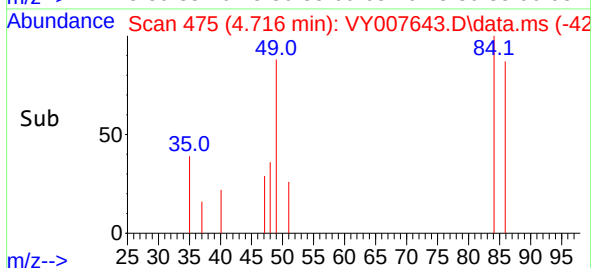
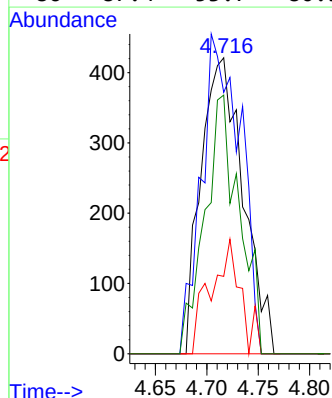
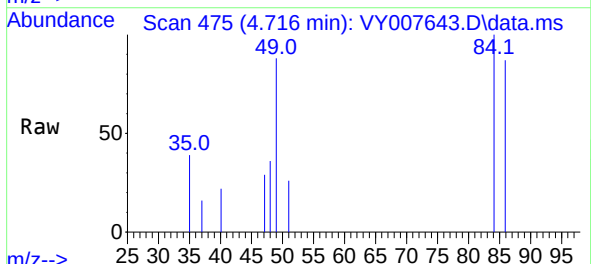
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

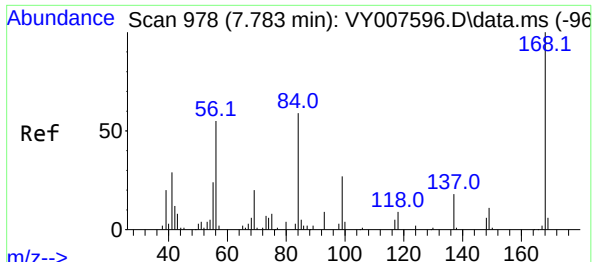
Tgt Ion: 43 Resp: 78
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

Tgt Ion: 84 Resp: 1205
Ion Ratio Lower Upper
84 100
49 88.4 114.4 171.6#
51 26.1 35.3 52.9#
86 87.4 53.7 80.5#

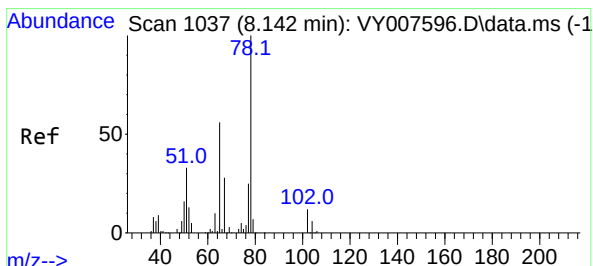
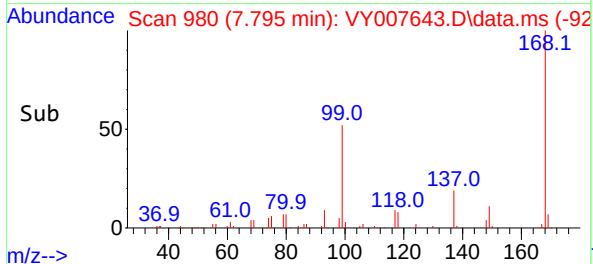
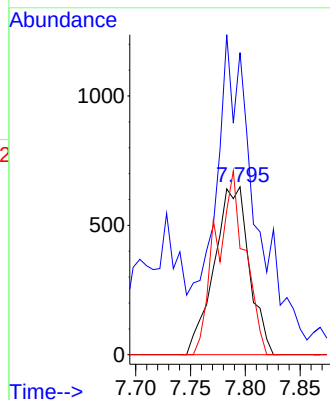
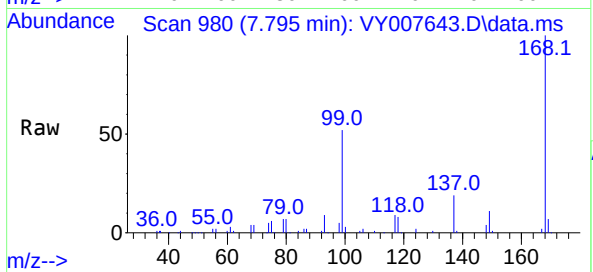




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

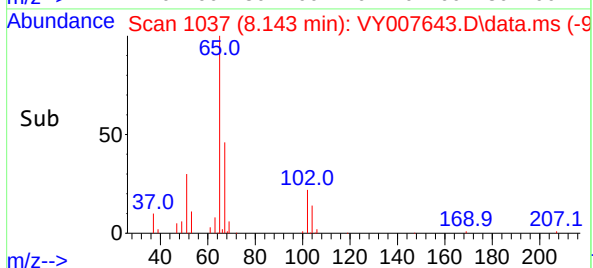
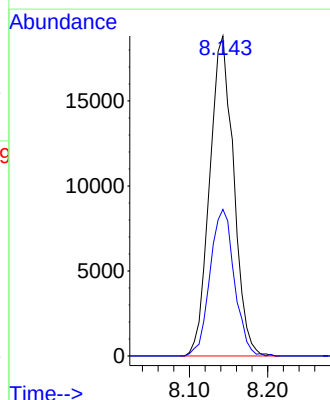
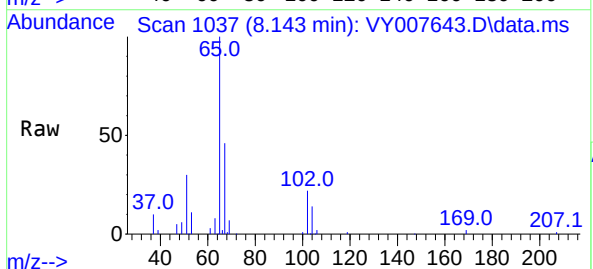
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

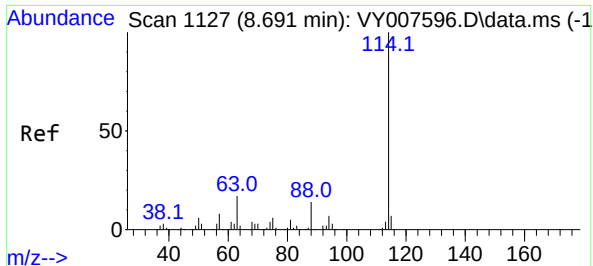
Tgt Ion: 56 Resp: 1445
Ion Ratio Lower Upper
56 100
69 150.5 26.7 40.1#
84 63.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.316 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

Tgt Ion: 65 Resp: 40007
Ion Ratio Lower Upper
65 100
67 46.5 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: VY007643.D

Acq: 25 Feb 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-10

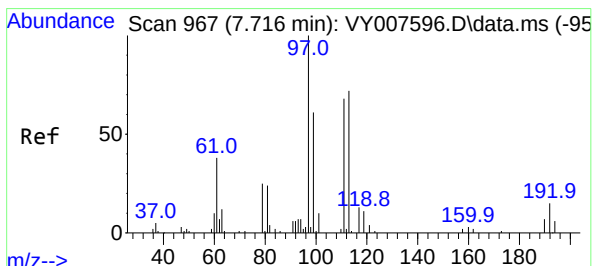
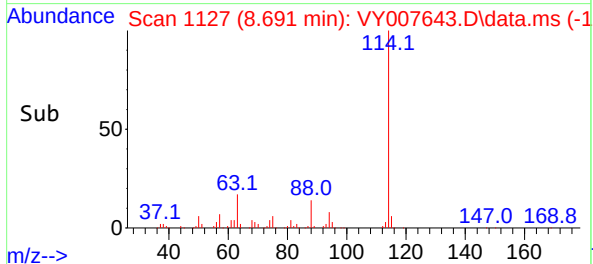
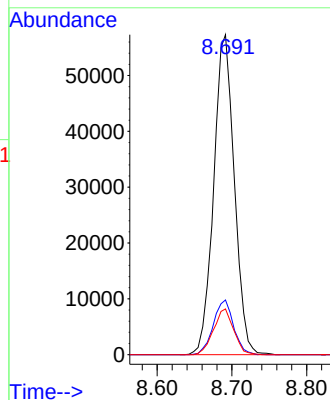
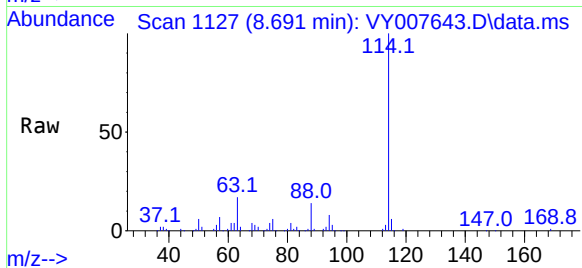
Tgt Ion:114 Resp: 109845

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.155 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007643.D

Acq: 25 Feb 2022 17:45

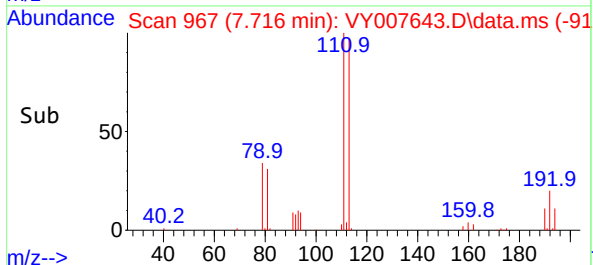
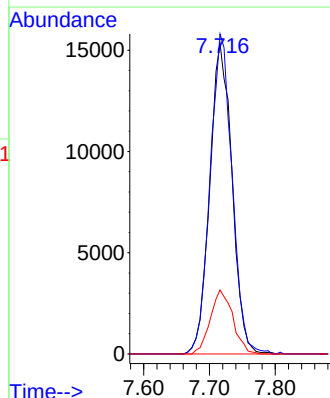
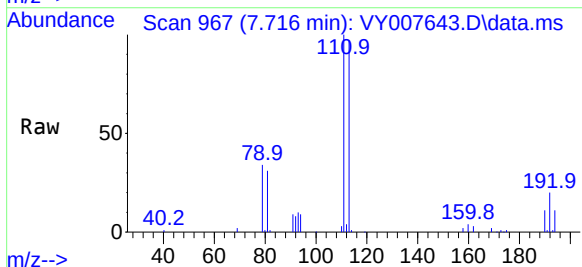
Tgt Ion:113 Resp: 36149

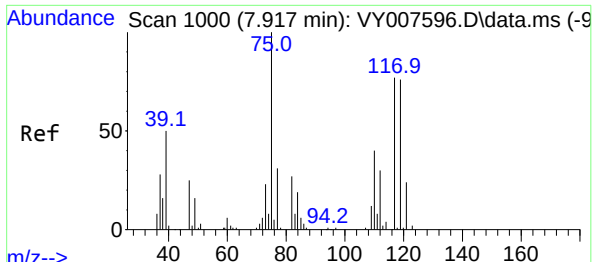
Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 20.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.560 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007643.D

Acq: 25 Feb 2022 17:45

Instrument :

MSVOA_Y

ClientSampleId :

TP-10

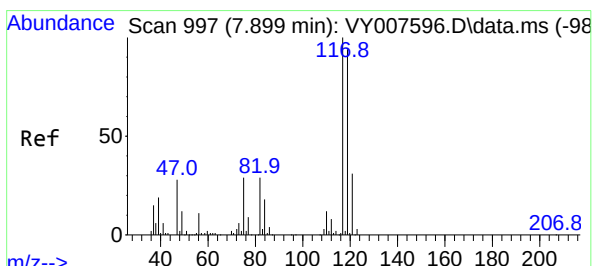
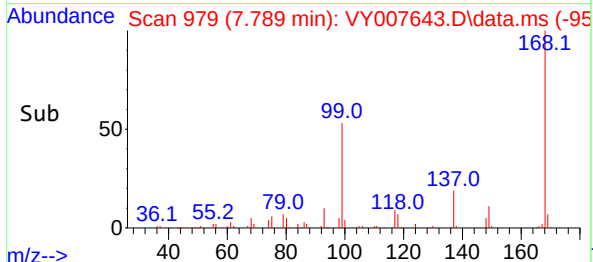
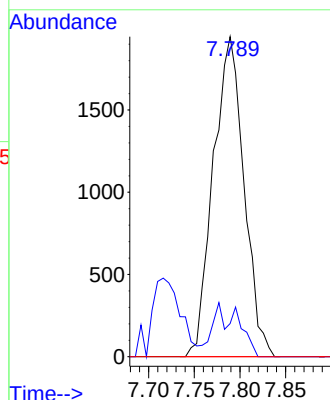
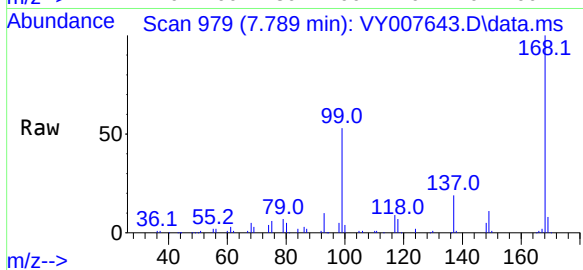
Tgt Ion: 75 Resp: 4555

Ion Ratio Lower Upper

75 100

110 5.4 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.530 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY007643.D

Acq: 25 Feb 2022 17:45

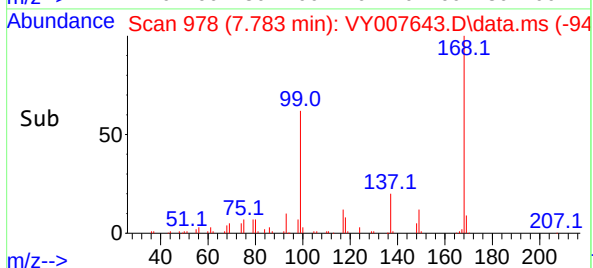
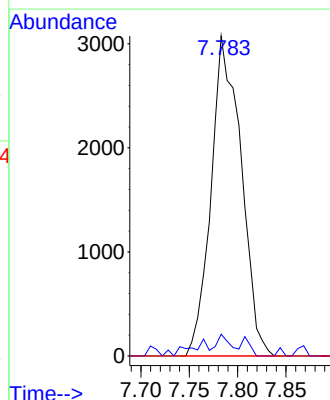
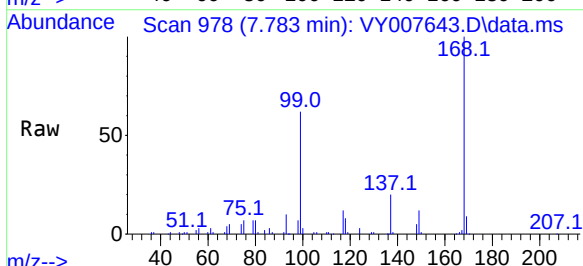
Tgt Ion: 117 Resp: 6625

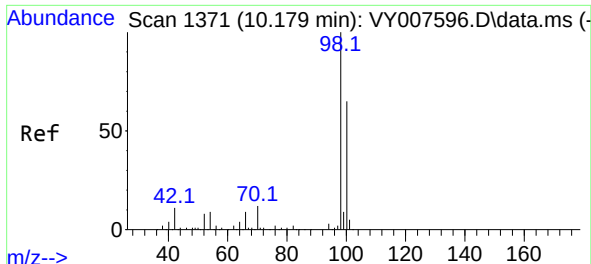
Ion Ratio Lower Upper

117 100

119 4.2 77.9 116.9#

121 0.0 24.8 37.2#

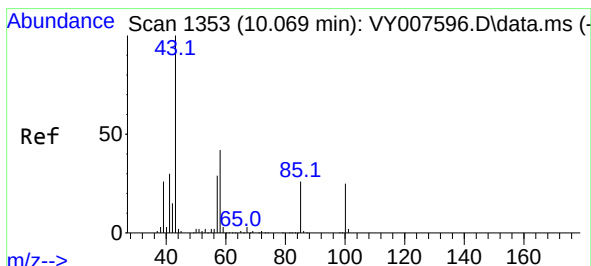
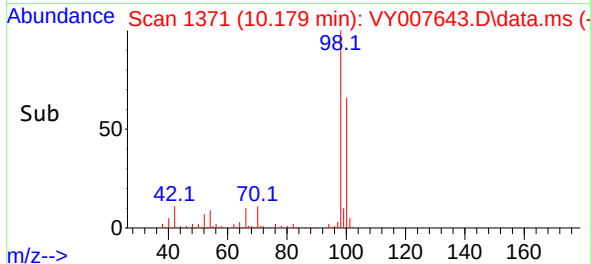
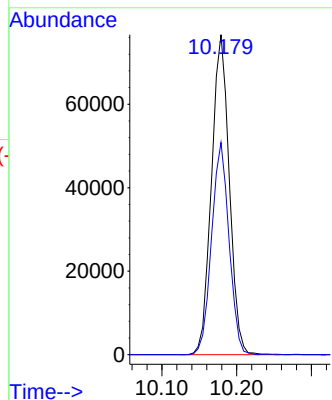
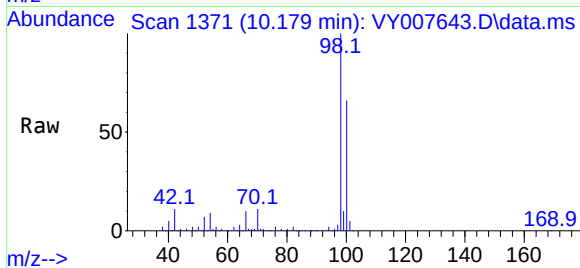




#50
Toluene-d8
Concen: 49.516 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

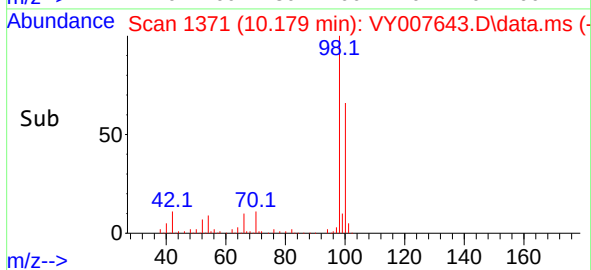
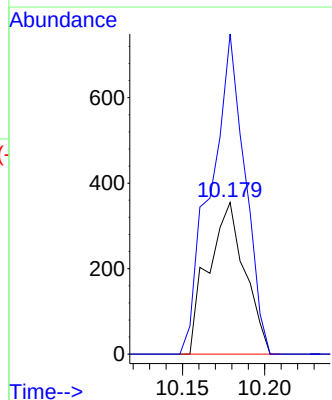
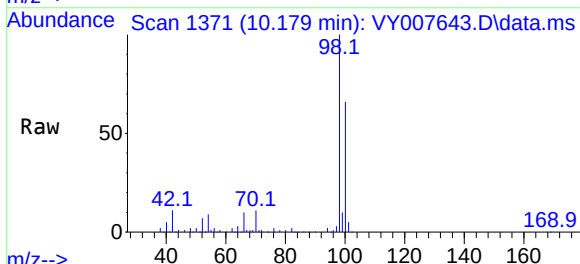
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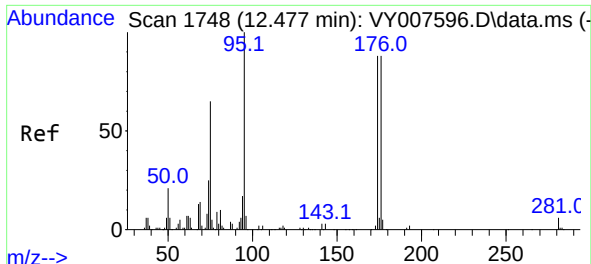
Tgt Ion: 98 Resp: 126876
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.188 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

Tgt Ion: 43 Resp: 549
Ion Ratio Lower Upper
43 100
58 198.2 28.1 42.1#

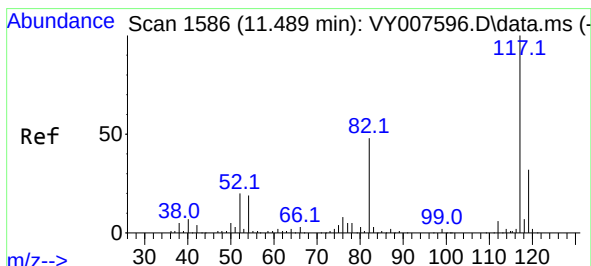
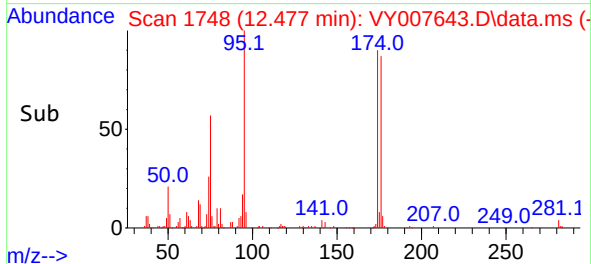
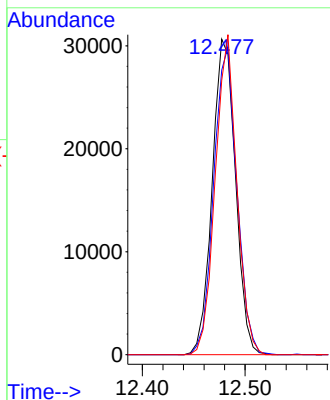
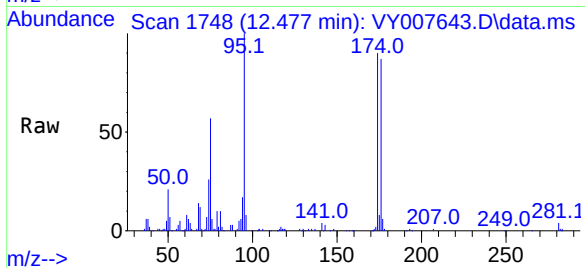




#62
4-Bromofluorobenzene
Concen: 54.886 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

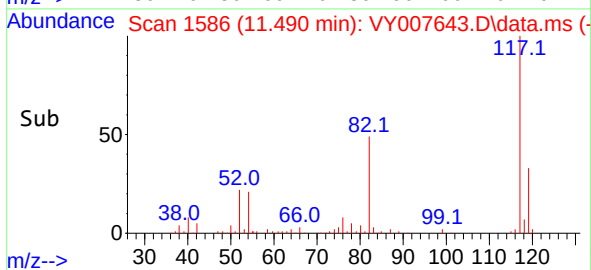
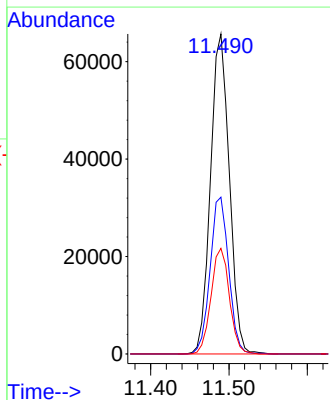
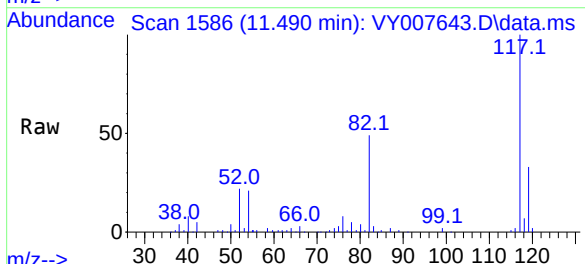
Instrument :
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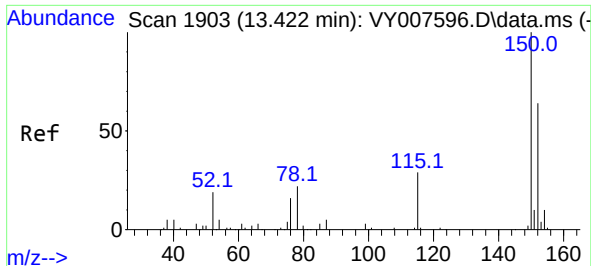
Tgt Ion:	95	Resp:	48102
Ion	Ratio	Lower	Upper
95	100		
174	96.9	0.0	177.0
176	93.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

Tgt Ion:	117	Resp:	109715
Ion	Ratio	Lower	Upper
117	100		
82	49.0	43.0	64.4
119	33.0	25.4	38.0

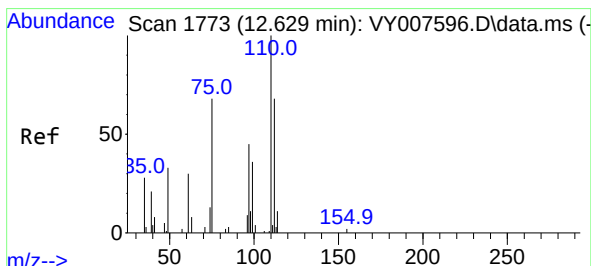
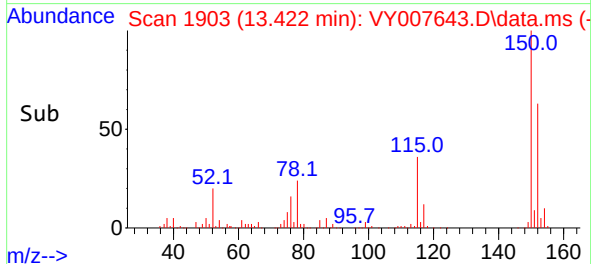
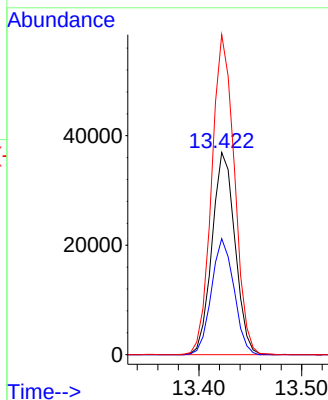
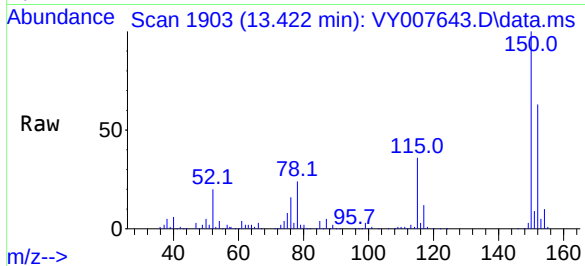




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

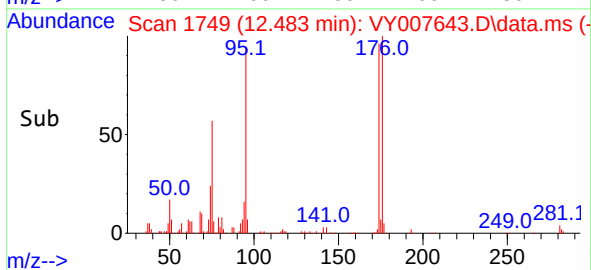
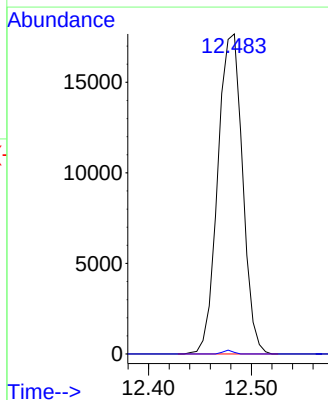
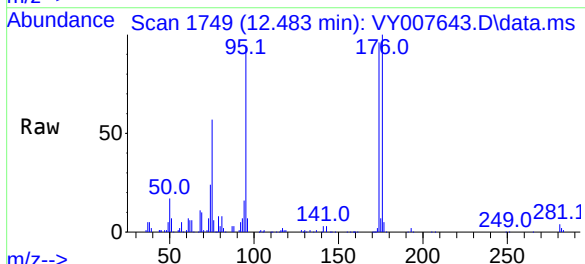
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

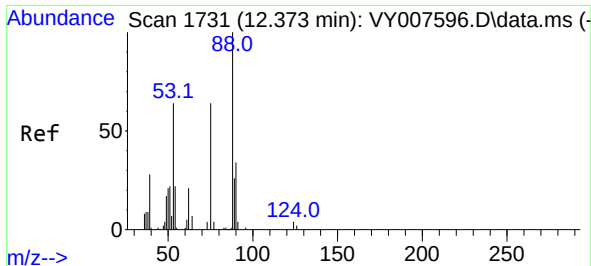
Tgt Ion:152 Resp: 57337
Ion Ratio Lower Upper
152 100
115 56.1 28.2 84.7
150 156.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.549 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY007643.D
Acq: 25 Feb 2022 17:45

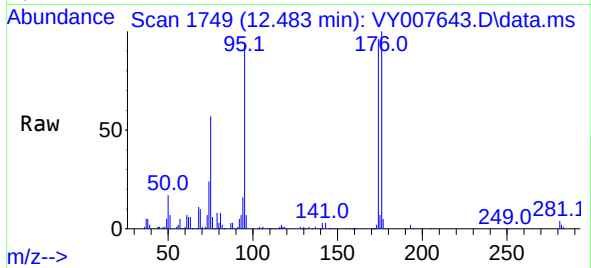
Tgt Ion: 75 Resp: 29561
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.839 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY007643.D
 Acq: 25 Feb 2022 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10



Tgt Ion: 75 Resp: 29561
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

