

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007459.D
 Acq On : 09 Feb 2022 17:43
 Operator : SY/MD
 Sample : N1444-01
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ERMIR-TPS

Quant Time: Feb 10 05:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

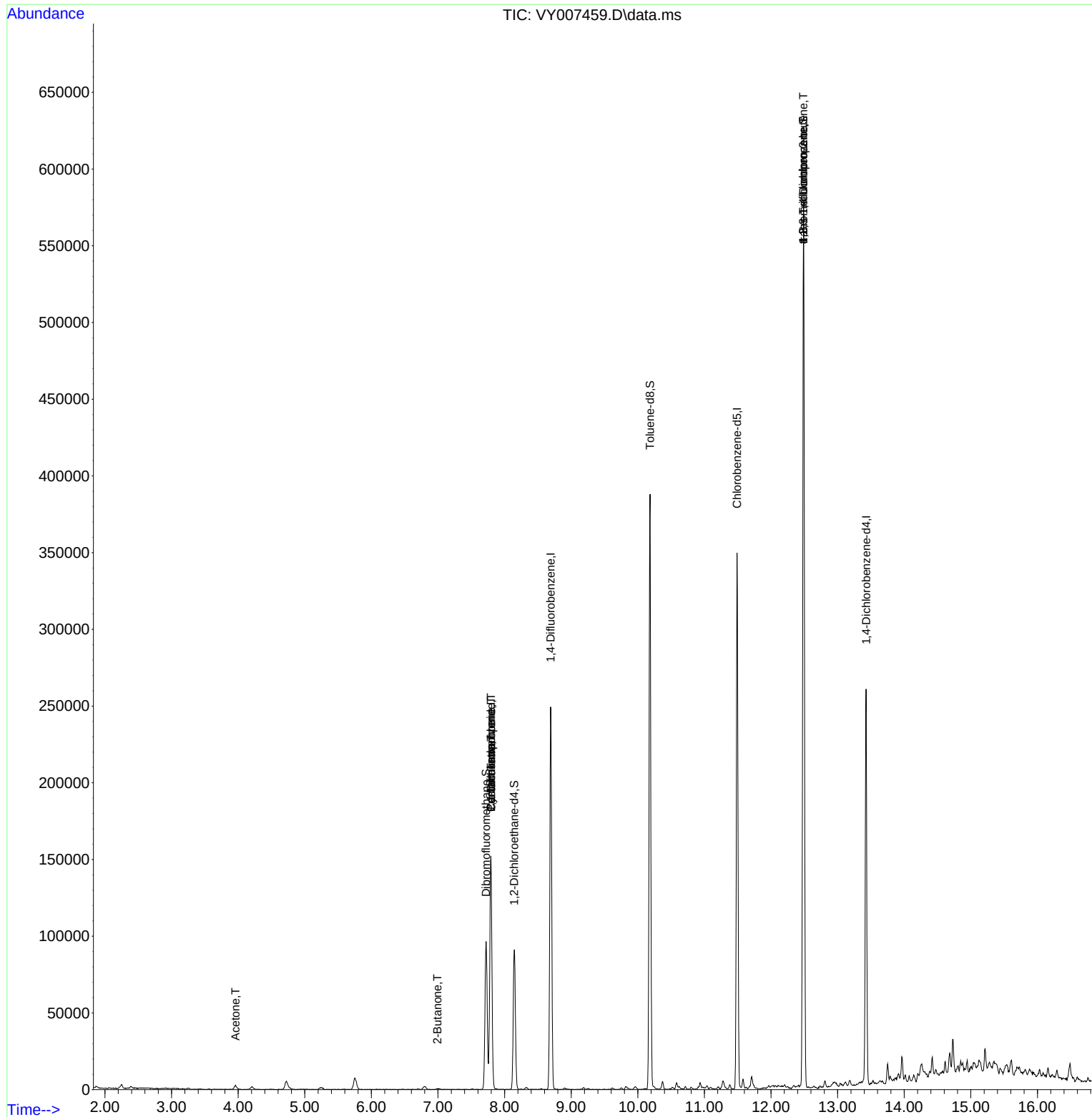
Internal Standards						
1) Pentafluorobenzene	7.795	168	111926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73079	56.764	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.520%	
35) Dibromofluoromethane	7.722	113	68415	50.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.700%	
50) Toluene-d8	10.185	98	250972	50.487	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.980%	
62) 4-Bromofluorobenzene	12.483	95	80855	47.854	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	223	Below Cal	#	44
11) Tert butyl alcohol	4.942	59	86	Below Cal	#	77
16) Acetone	3.960	43	4505	10.774	ug/l	100
25) 2-Butanone	6.990	43	1024	2.027	ug/l #	54
31) Cyclohexane	7.795	56	2556	1.017	ug/l #	2
36) 1,1-Dichloropropene	7.795	75	9361	3.980	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11962	4.840	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	45973	63.173	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45973	126.562	ug/l #	9

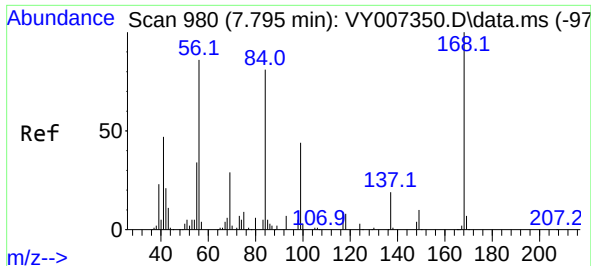
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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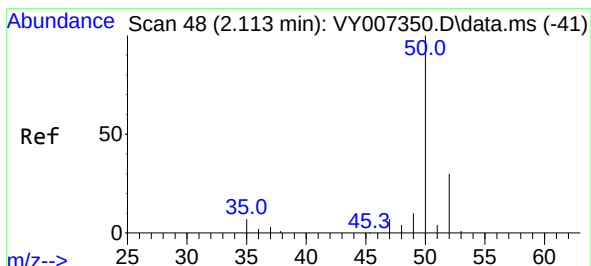
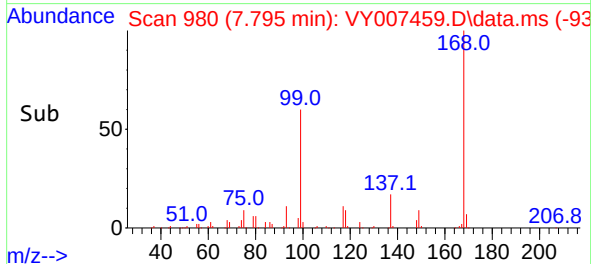
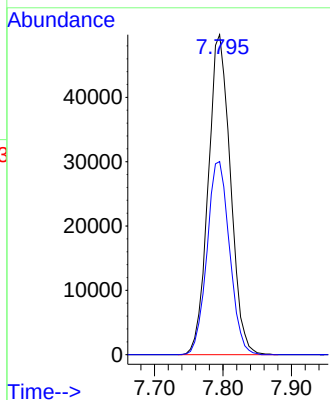
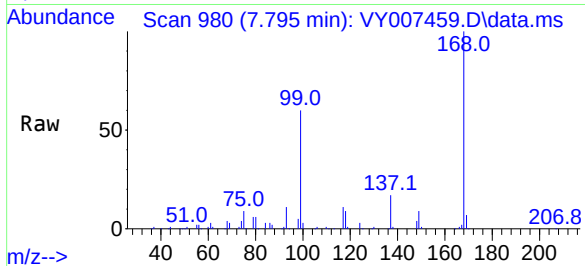




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

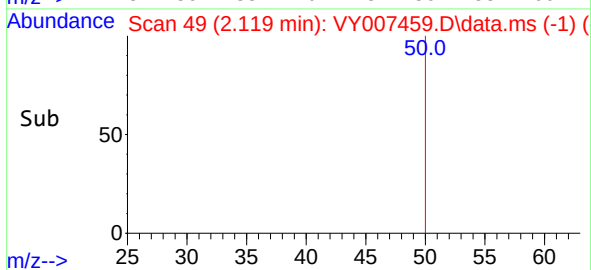
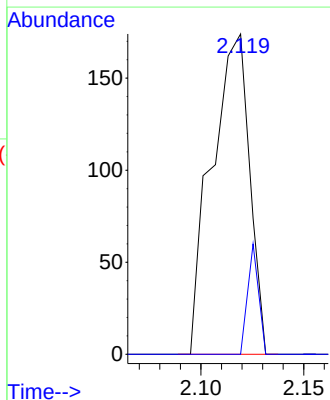
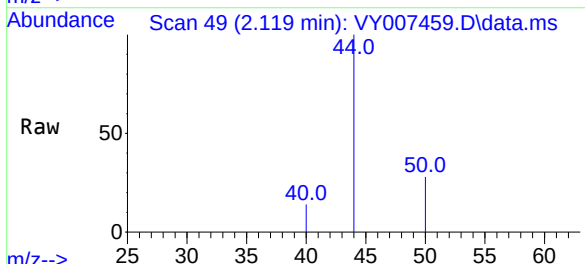
Instrument :
MSVOA_Y
ClientSampleId :
ERMIR-TPS

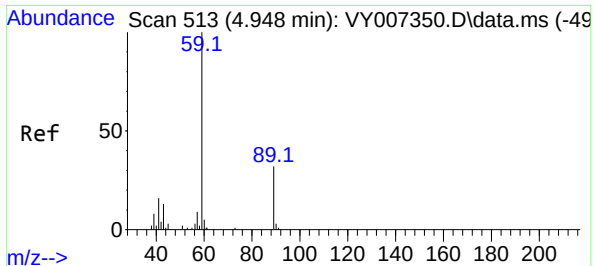
Tgt Ion:168 Resp: 111926
Ion Ratio Lower Upper
168 100
99 60.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

Lab File: VY007459.D

Acq: 09 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

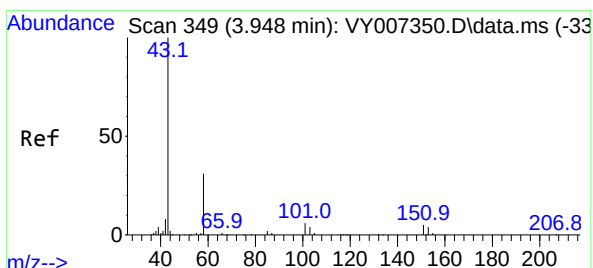
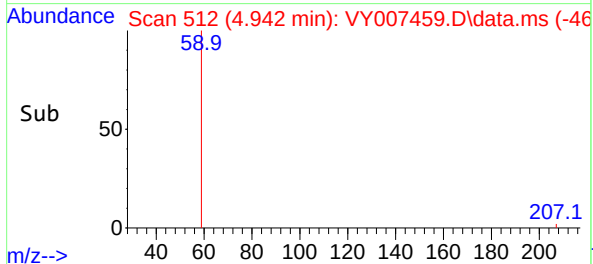
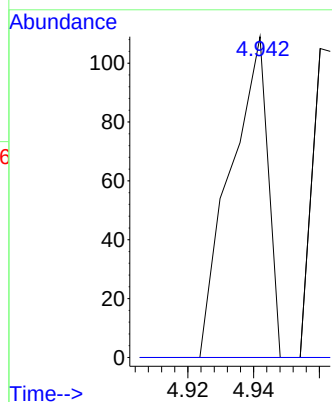
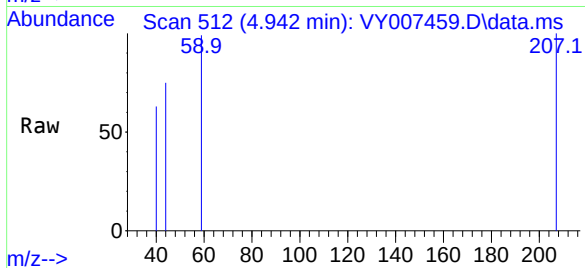
ERMIR-TPS

Tgt Ion: 59 Resp: 86

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 10.774 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.012 min

Lab File: VY007459.D

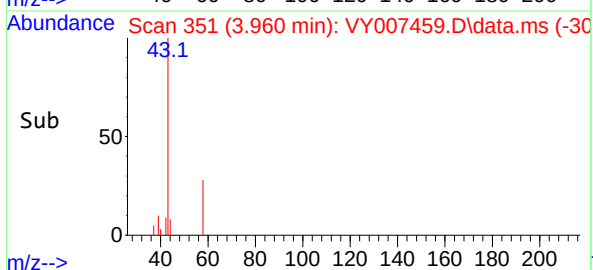
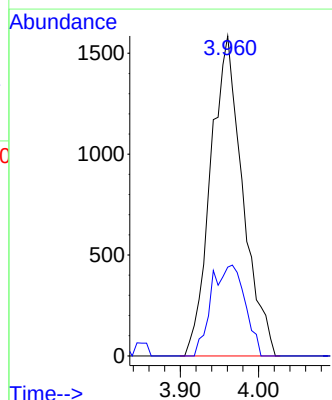
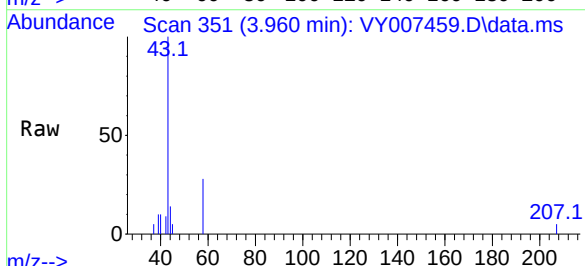
Acq: 09 Feb 2022 17:43

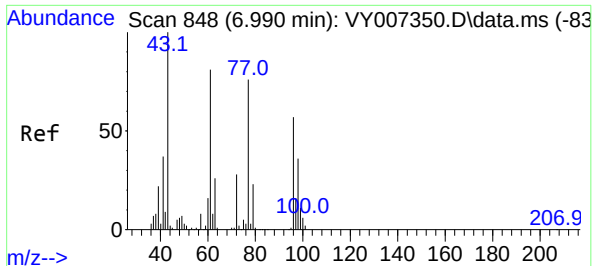
Tgt Ion: 43 Resp: 4505

Ion Ratio Lower Upper

43 100

58 27.7 22.0 33.0





#25

2-Butanone

Concen: 2.027 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY007459.D

Acq: 09 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

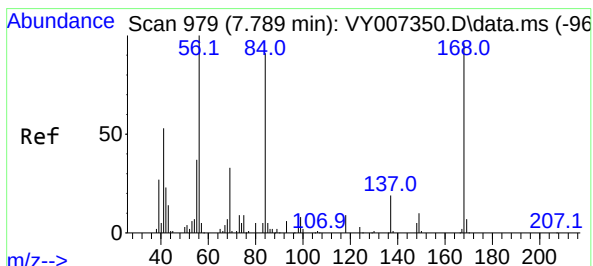
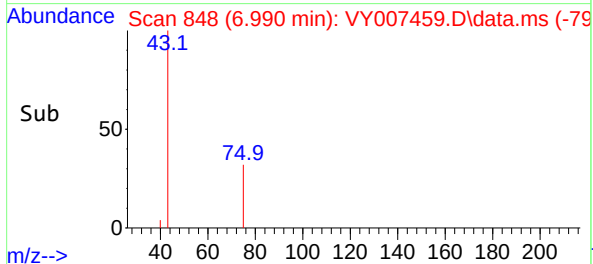
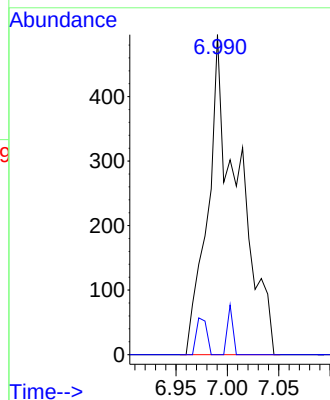
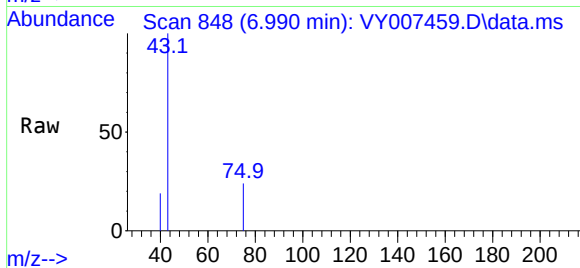
ERMIR-TPS

Tgt Ion: 43 Resp: 1024

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.017 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY007459.D

Acq: 09 Feb 2022 17:43

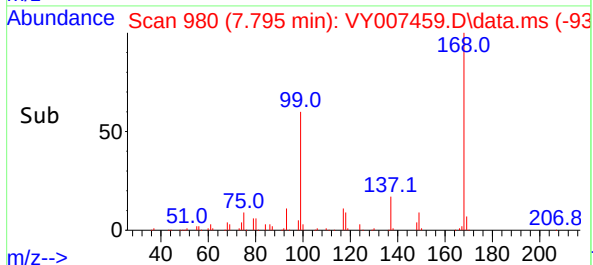
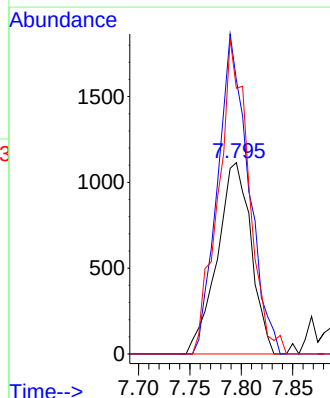
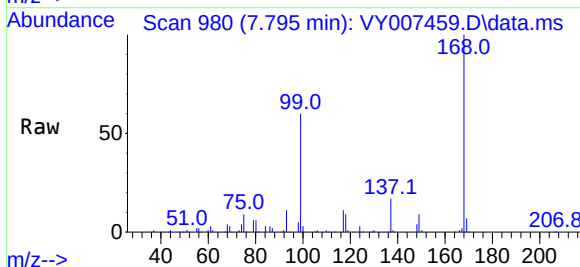
Tgt Ion: 56 Resp: 2556

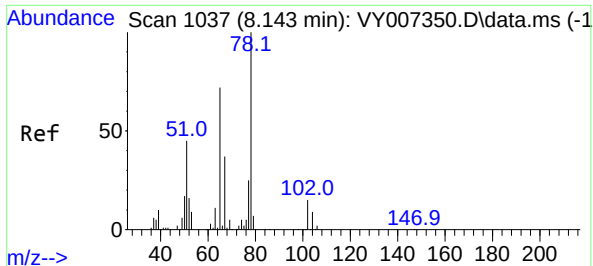
Ion Ratio Lower Upper

56 100

69 143.2 26.7 40.1#

84 138.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.764 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY007459.D

Acq: 09 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

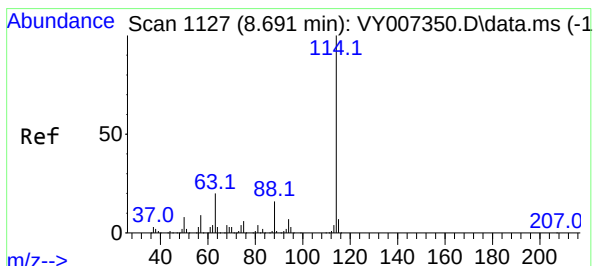
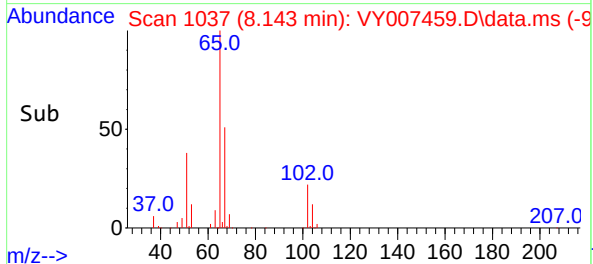
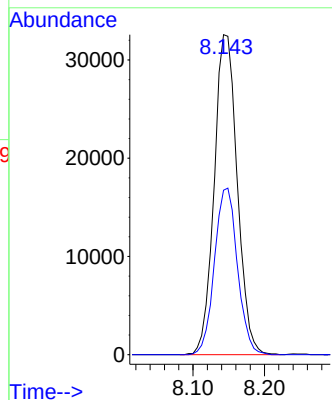
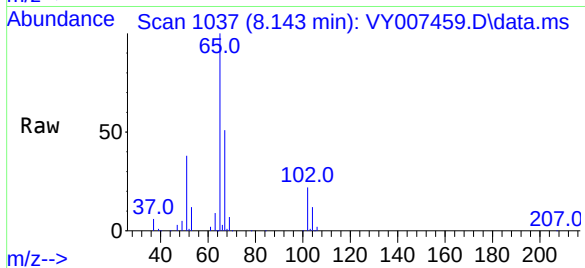
ERMIR-TPS

Tgt Ion: 65 Resp: 73079

Ion Ratio Lower Upper

65 100

67 51.7 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: VY007459.D

Acq: 09 Feb 2022 17:43

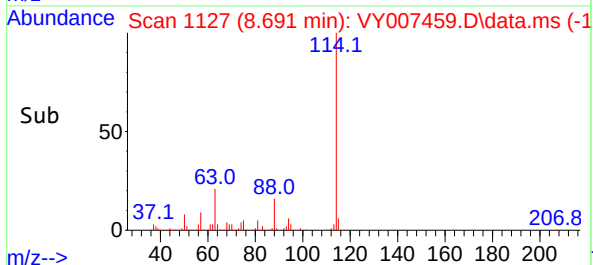
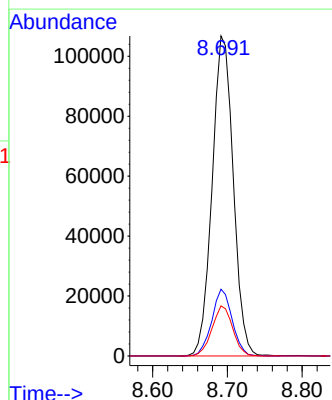
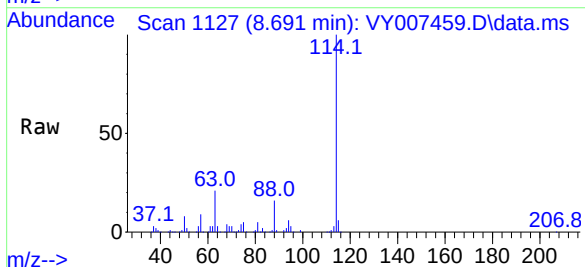
Tgt Ion:114 Resp: 209538

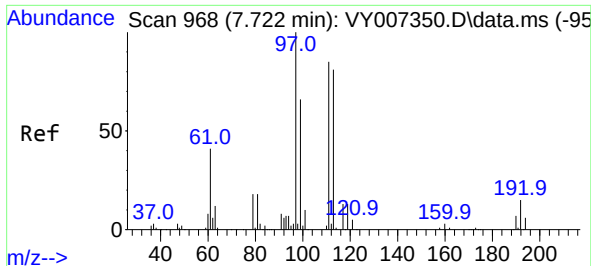
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 15.6 0.0 31.8

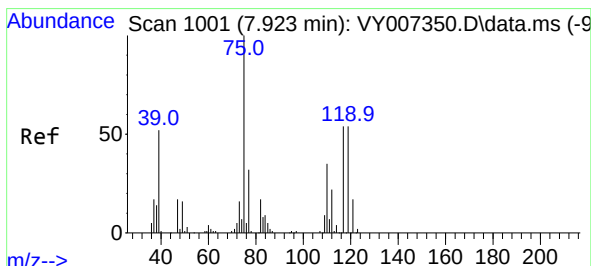
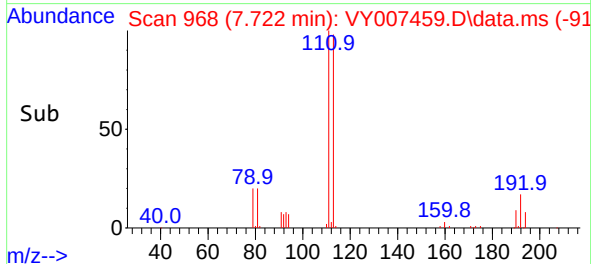
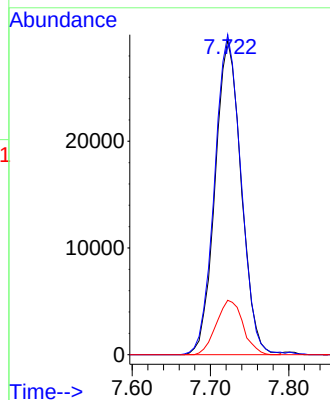
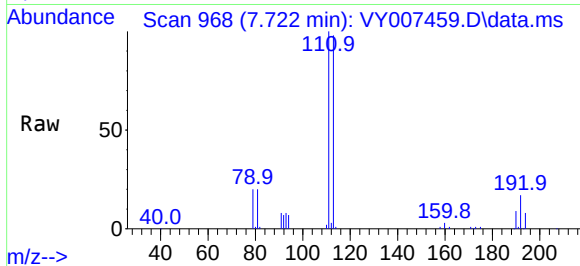




#35
Dibromofluoromethane
Concen: 50.847 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

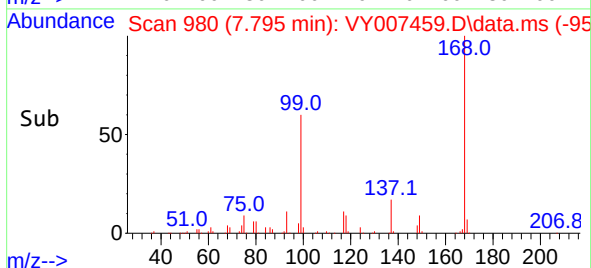
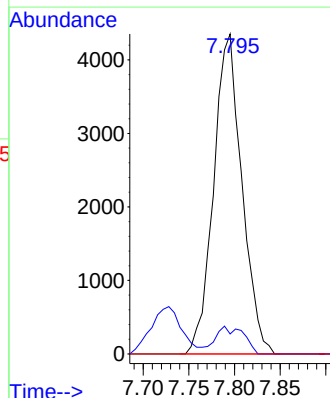
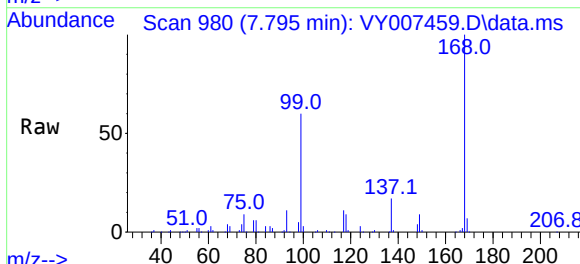
Instrument :
MSVOA_Y
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ERMIR-TPS

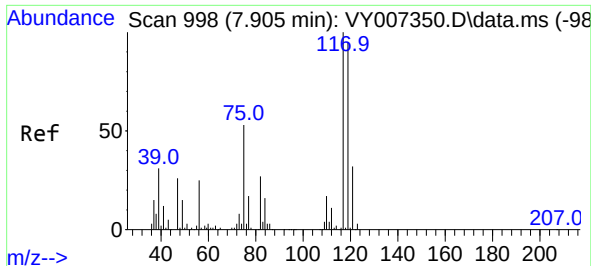
Tgt Ion:113 Resp: 68415
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.980 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

Tgt Ion: 75 Resp: 9361
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 4.840 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY007459.D

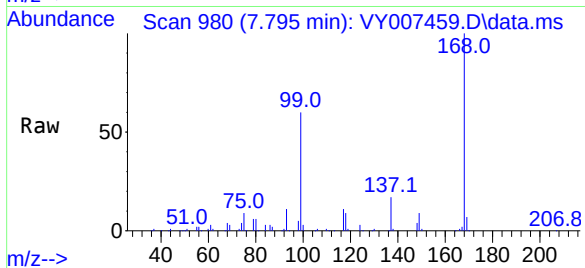
Acq: 09 Feb 2022 17:43

Instrument :

MSVOA_Y

ClientSampleId :

ERMIR-TPS



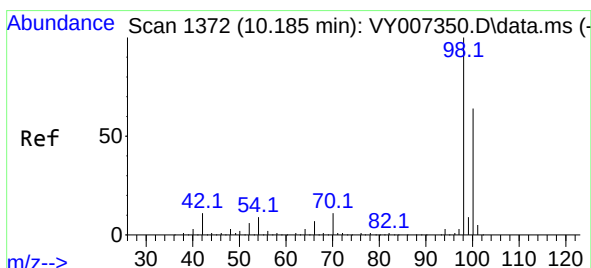
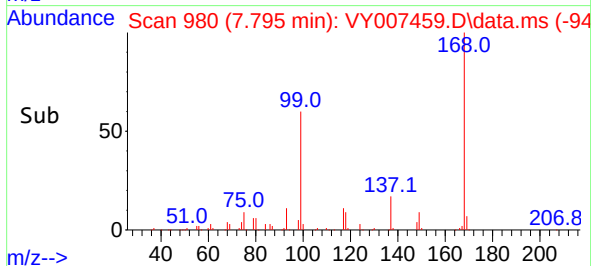
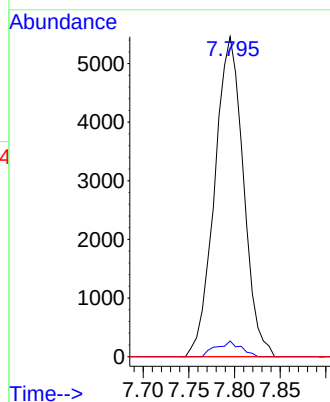
Tgt Ion:117 Resp: 11962

Ion Ratio Lower Upper

117 100

119 4.9 77.9 116.9#

121 0.0 24.8 37.2#



#50

Toluene-d8

Concen: 50.487 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY007459.D

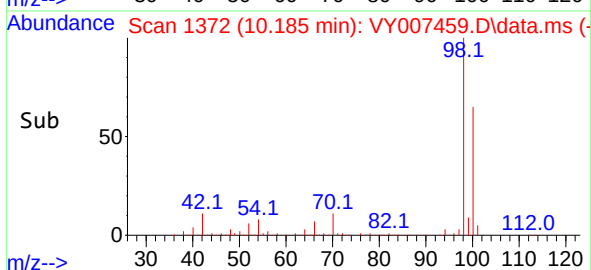
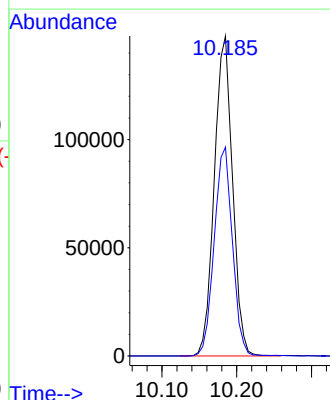
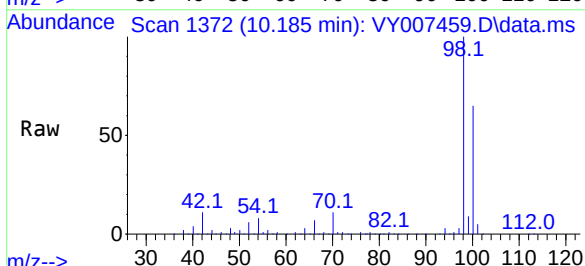
Acq: 09 Feb 2022 17:43

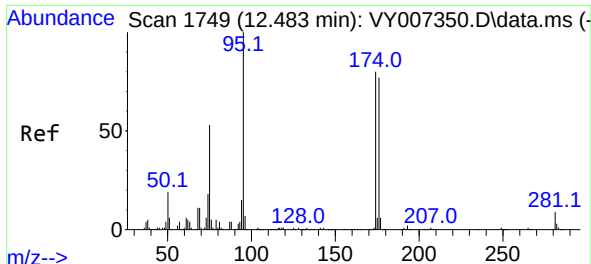
Tgt Ion: 98 Resp: 250972

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2

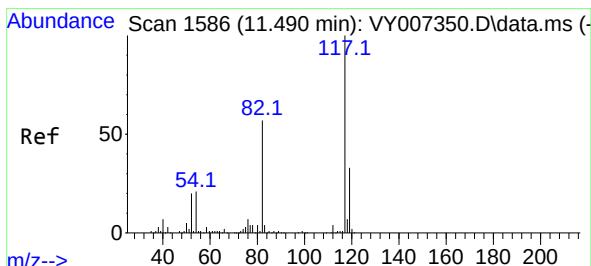
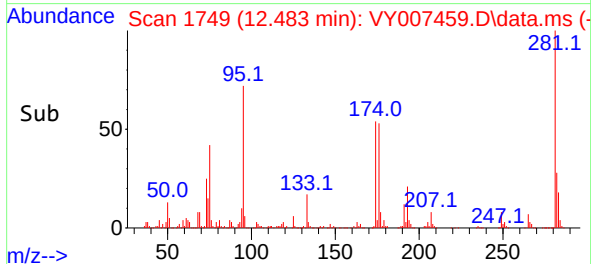
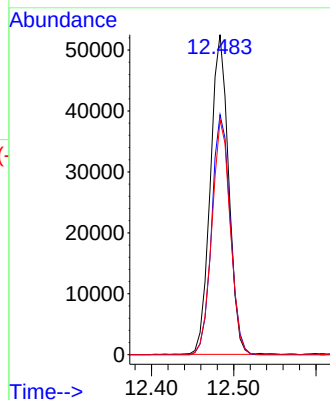
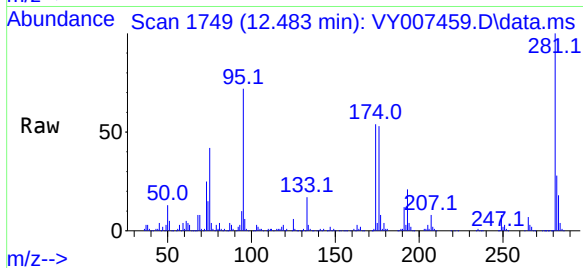




#62
4-Bromofluorobenzene
Concen: 47.854 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

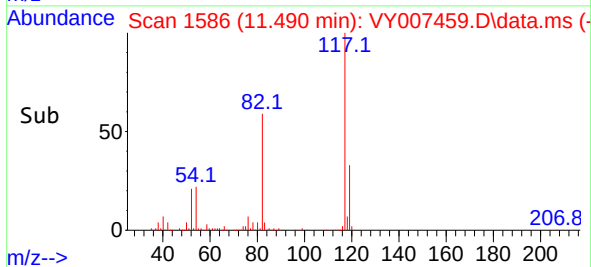
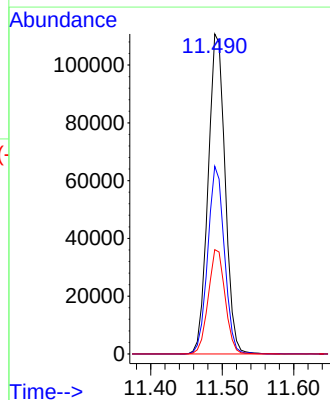
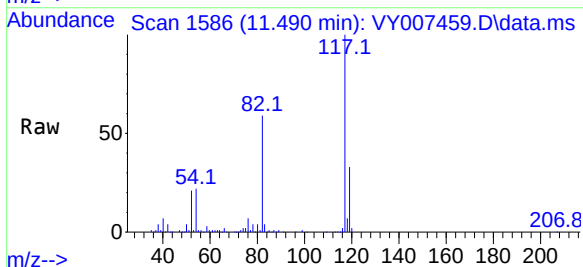
Instrument :
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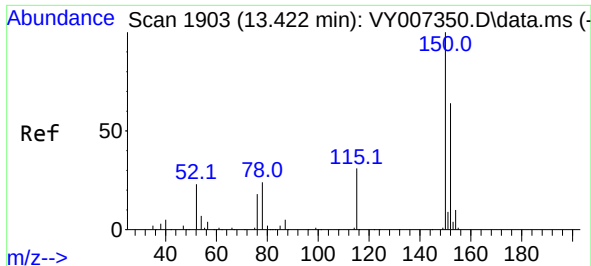
Tgt Ion: 95 Resp: 80855
Ion Ratio Lower Upper
95 100
174 76.1 0.0 177.0
176 73.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

Tgt Ion: 117 Resp: 183192
Ion Ratio Lower Upper
117 100
82 58.6 43.0 64.4
119 32.6 25.4 38.0

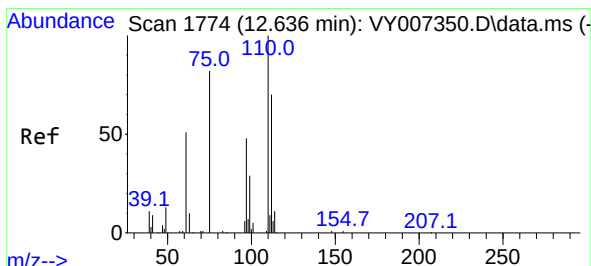
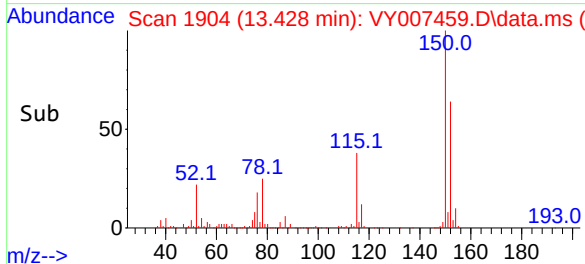
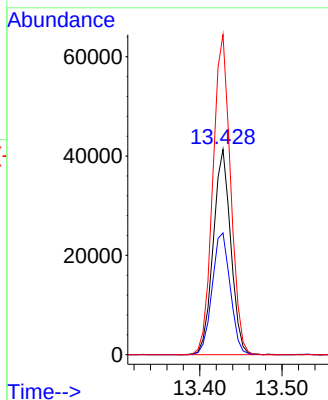
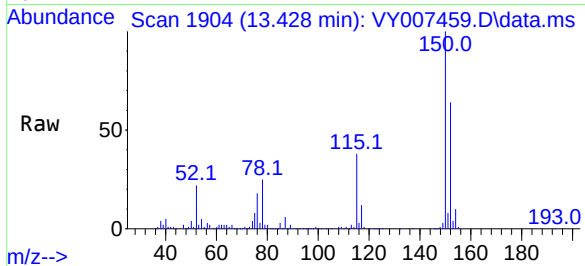




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

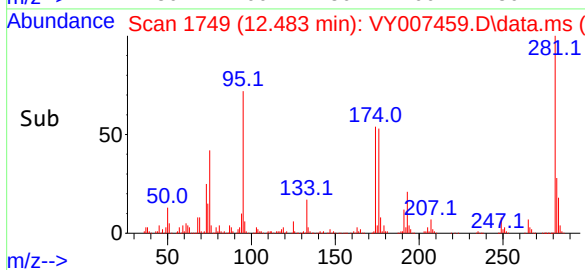
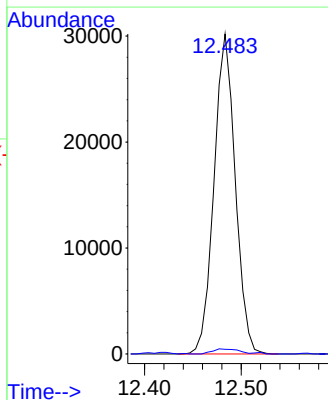
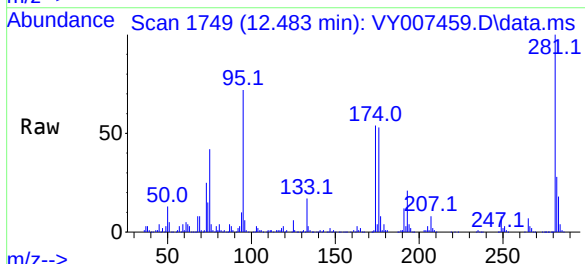
Instrument :
MSVOA_Y
ClientSampleId :
ERMIR-TPS

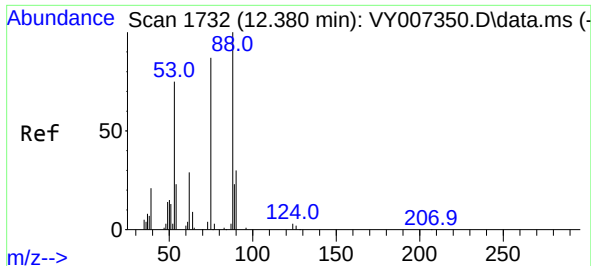
Tgt Ion:152 Resp: 61215
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 157.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 63.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

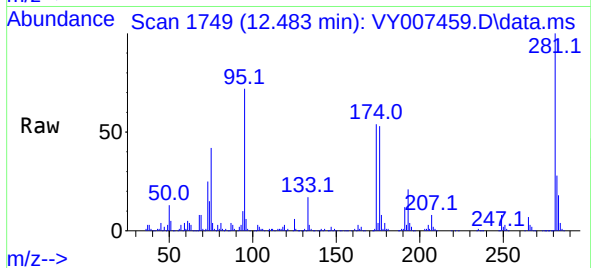
Tgt Ion: 75 Resp: 45973
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.562 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007459.D
Acq: 09 Feb 2022 17:43

Instrument :
MSVOA_Y
ClientSampleId :
ERMIR-TPS



Tgt Ion: 75 Resp: 45973
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 2.9 37.0 55.4#

