

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006599.D
 Acq On : 03 Nov 2021 13:57
 Operator : SY/MD
 Sample : M4439-01RE
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-110221RE

Quant Time: Nov 03 21:19:29 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)

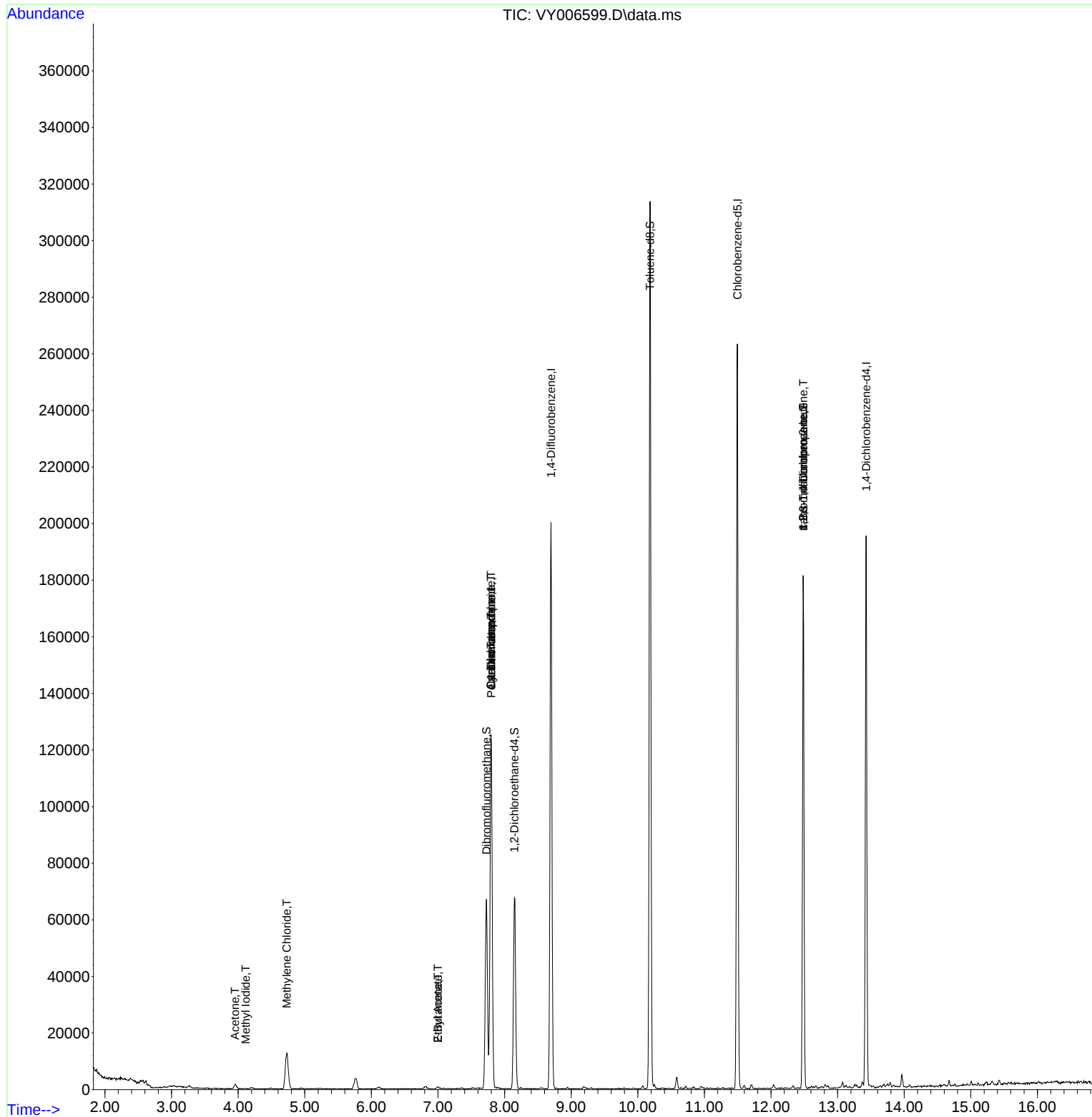
Internal Standards						
1) Pentafluorobenzene	7.801	168	96445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	153391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	129788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	55256	46.558	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.120%
35) Dibromofluoromethane	7.728	113	45811	53.583	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.185	98	195025	53.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.483	95	51654	42.309	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	206	5.255	ug/l #	72
16) Acetone	3.954	43	2786	8.152	ug/l	96
20) Methylene Chloride	4.729	84	8526	4.360	ug/l	92
25) 2-Butanone	6.996	43	1049	2.343	ug/l	97
31) Cyclohexane	7.795	56	2588	1.347	ug/l #	35
36) 1,1-Dichloropropene	7.795	75	8244	5.439	ug/l #	51
37) Ethyl Acetate	6.996	43	1049	1.094	ug/l #	88
38) Carbon Tetrachloride	7.795	117	9745	5.828	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	29781	63.148	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29781	129.640	ug/l #	7

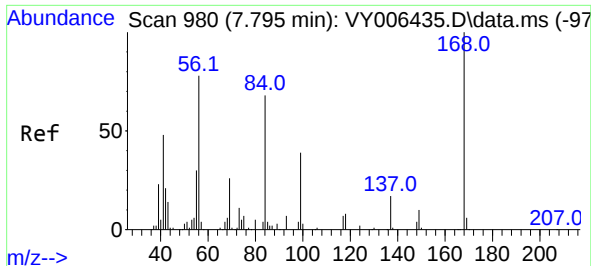
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
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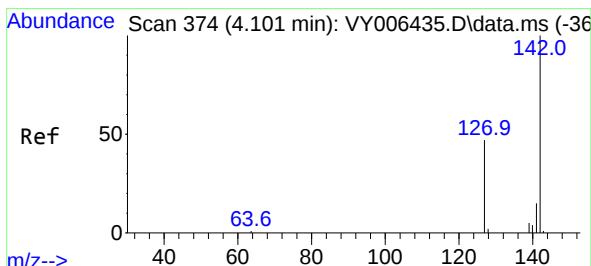
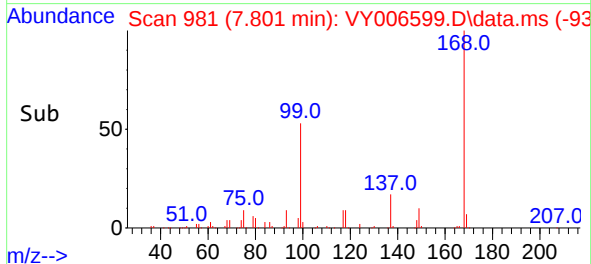
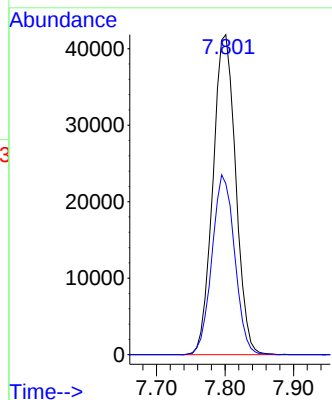
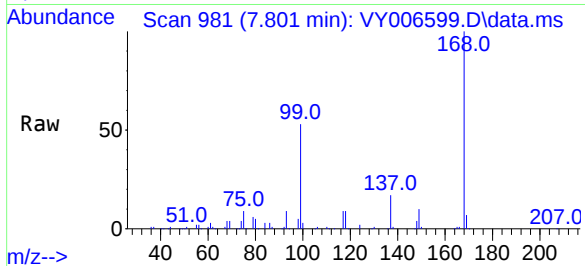




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

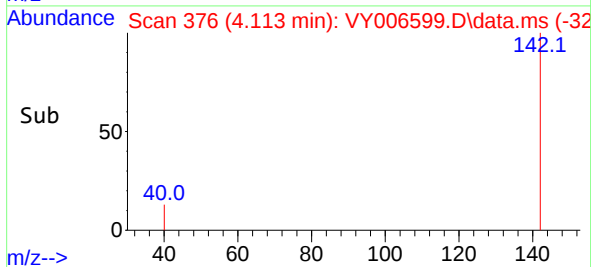
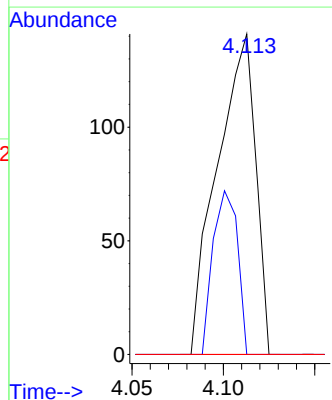
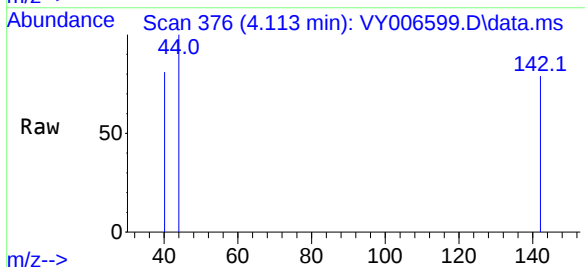
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221RE

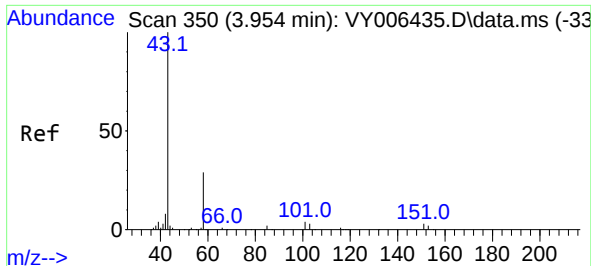
Tgt Ion:168 Resp: 96445
Ion Ratio Lower Upper
168 100
99 53.4 44.8 67.2



#10
Methyl Iodide
Concen: 5.255 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

Tgt Ion:142 Resp: 206
Ion Ratio Lower Upper
142 100
127 32.5 40.1 60.1#
141 0.0 12.5 18.7#

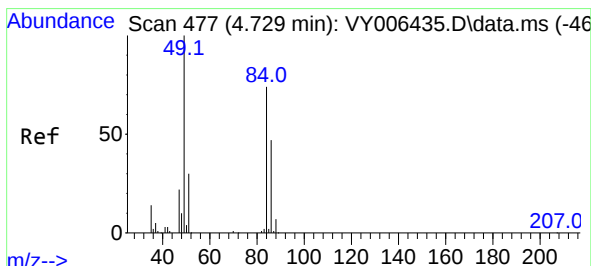
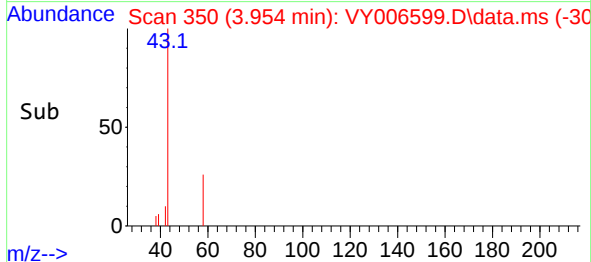
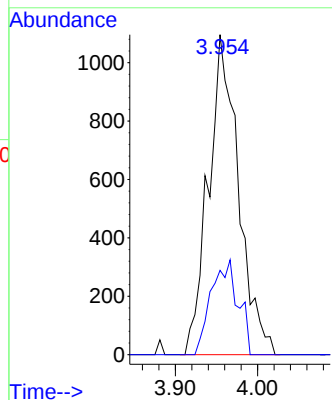
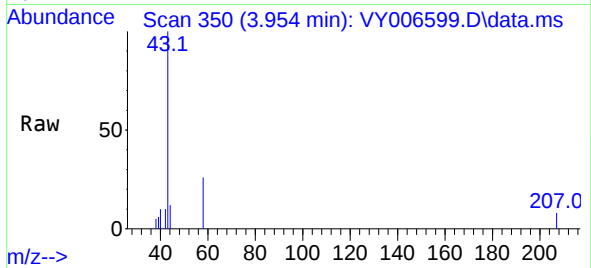




#16
Acetone
Concen: 8.152 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

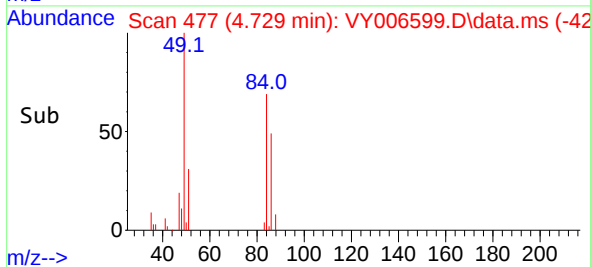
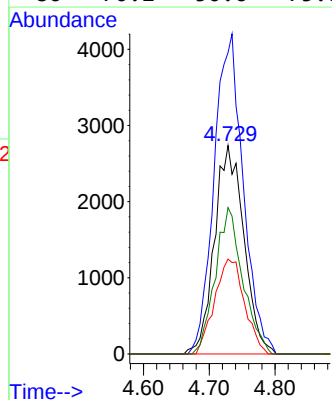
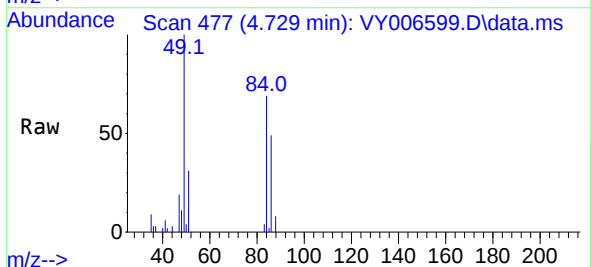
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221RE

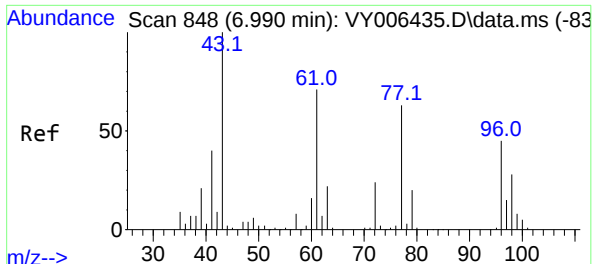
Tgt Ion: 43 Resp: 2786
Ion Ratio Lower Upper
43 100
58 26.4 22.9 34.3



#20
Methylene Chloride
Concen: 4.360 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

Tgt Ion: 84 Resp: 8526
Ion Ratio Lower Upper
84 100
49 144.5 107.8 161.8
51 45.5 32.8 49.2
86 70.2 50.6 75.8





#25

2-Butanone

Concen: 2.343 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY006599.D

Acq: 03 Nov 2021 13:57

Instrument :

MSVOA_Y

ClientSampleId :

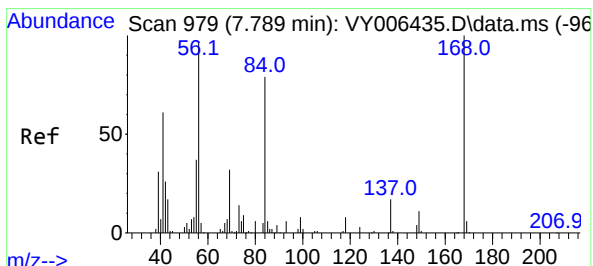
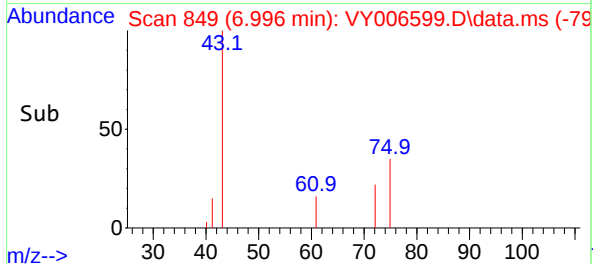
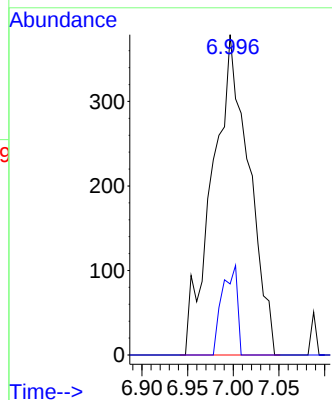
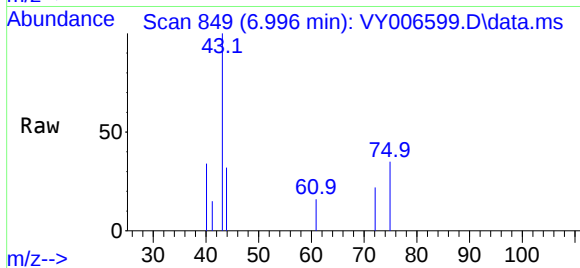
EO-01-110221RE

Tgt Ion: 43 Resp: 1049

Ion Ratio Lower Upper

43 100

72 22.2 18.9 28.3



#31

Cyclohexane

Concen: 1.347 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006599.D

Acq: 03 Nov 2021 13:57

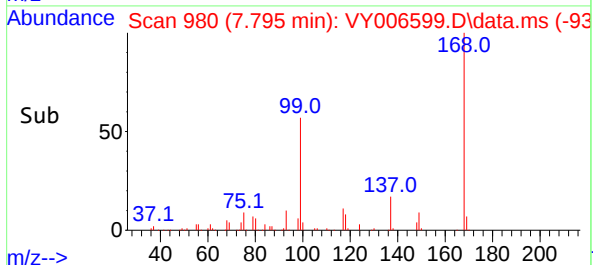
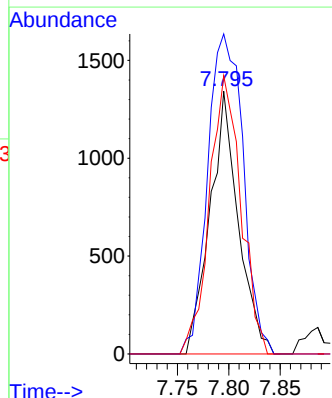
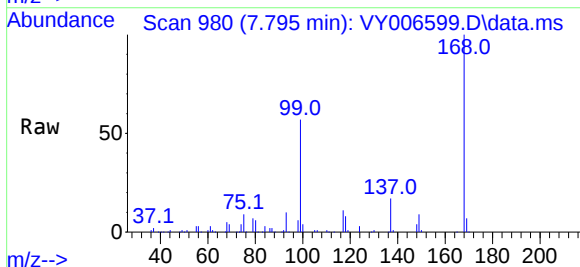
Tgt Ion: 56 Resp: 2588

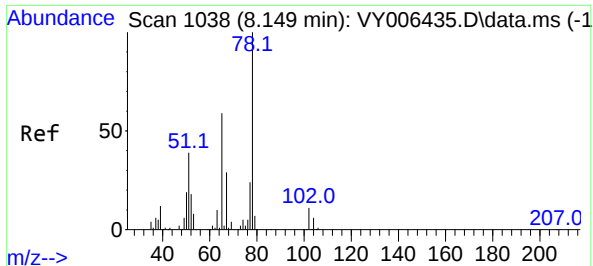
Ion Ratio Lower Upper

56 100

69 121.8 26.6 40.0#

84 106.0 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 46.558 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006599.D

Acq: 03 Nov 2021 13:57

Instrument :

MSVOA_Y

ClientSampleId :

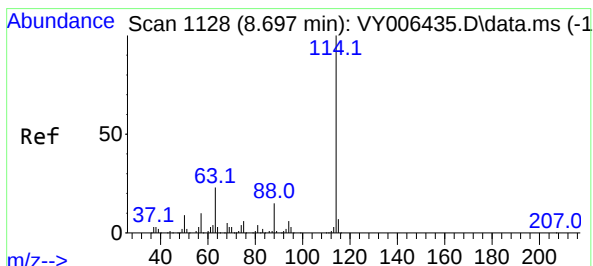
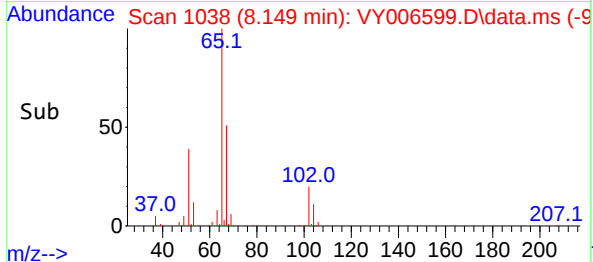
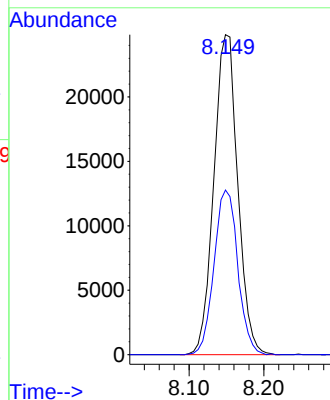
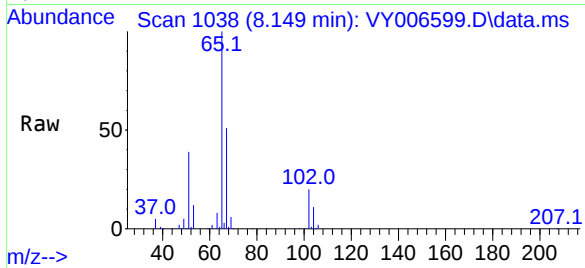
EO-01-110221RE

Tgt Ion: 65 Resp: 55256

Ion Ratio Lower Upper

65 100

67 51.2 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: VY006599.D

Acq: 03 Nov 2021 13:57

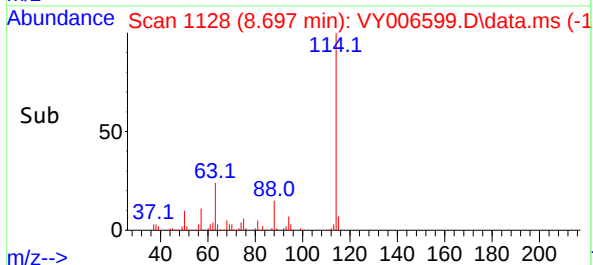
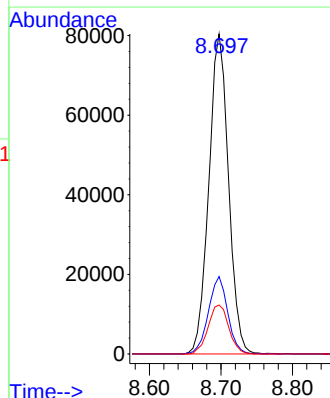
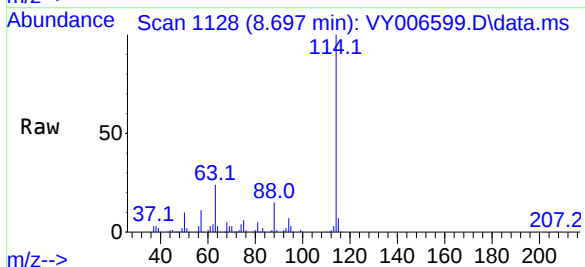
Tgt Ion: 114 Resp: 153391

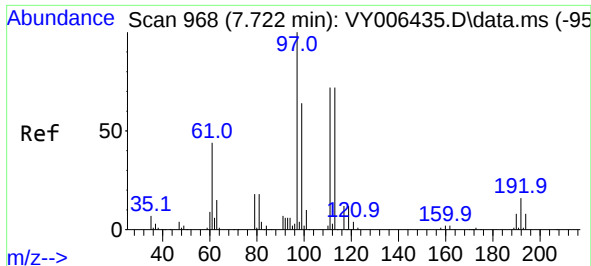
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.0

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.583 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY006599.D

Acq: 03 Nov 2021 13:57

Instrument :

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ClientSampleId :

EO-01-110221RE

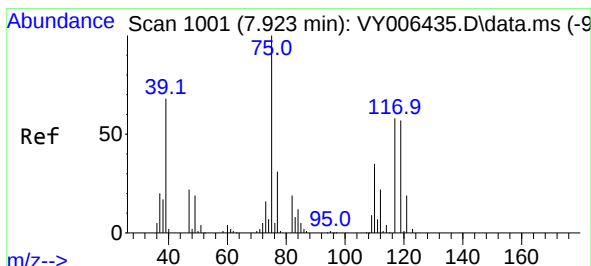
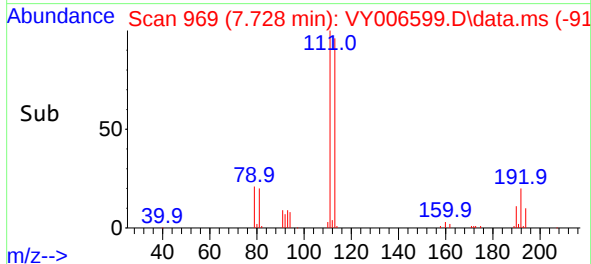
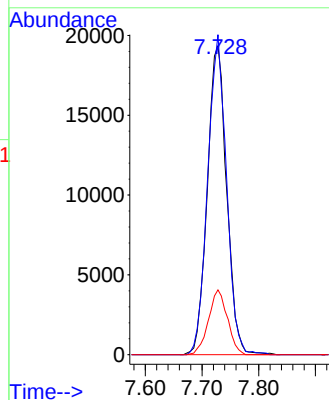
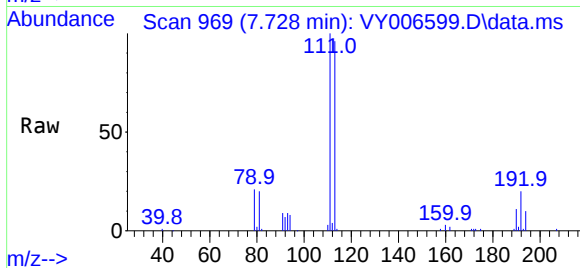
Tgt Ion:113 Resp: 45811

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

192 20.6 17.4 26.2



#36

1,1-Dichloropropene

Concen: 5.439 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY006599.D

Acq: 03 Nov 2021 13:57

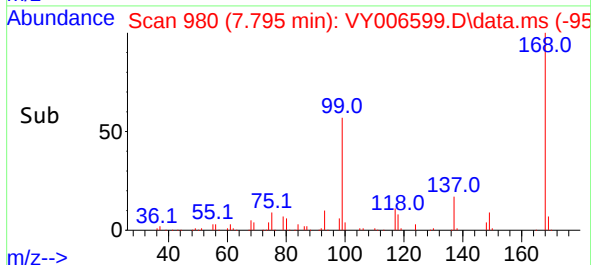
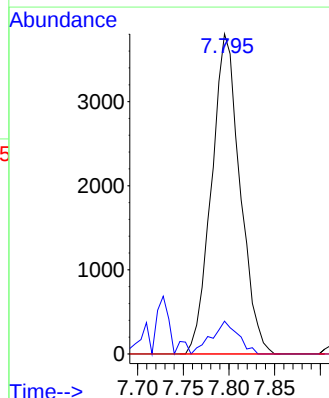
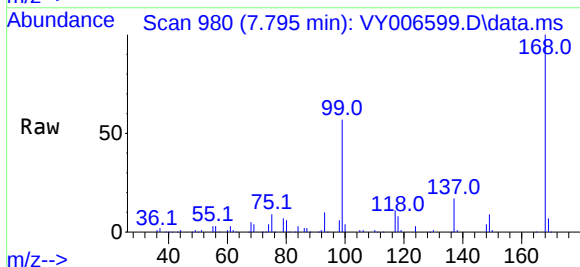
Tgt Ion: 75 Resp: 8244

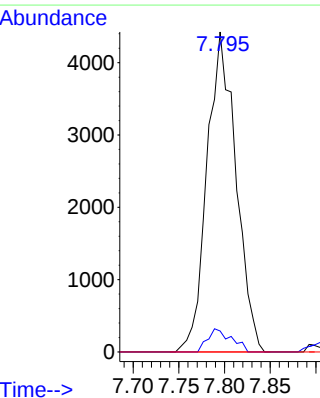
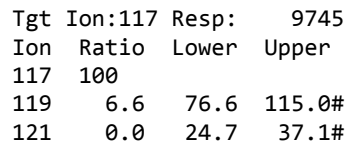
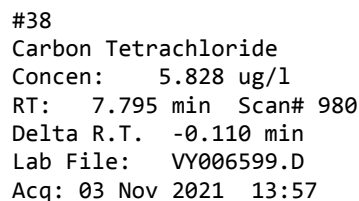
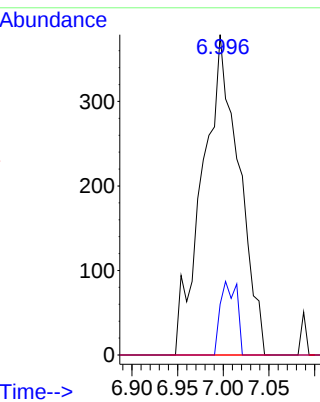
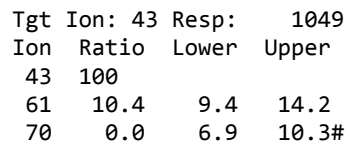
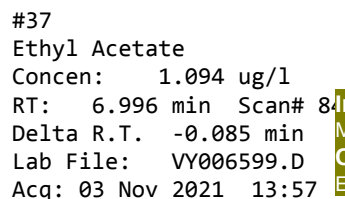
Ion Ratio Lower Upper

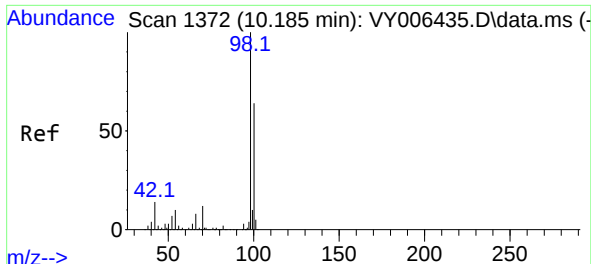
75 100

110 9.6 17.1 51.3#

77 0.0 24.9 37.3#



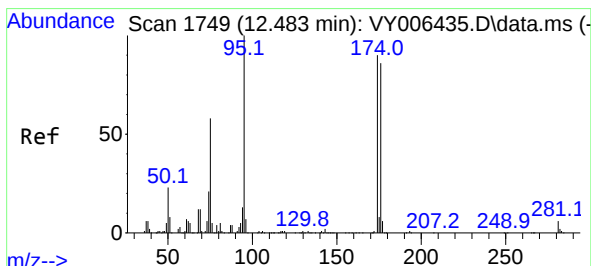
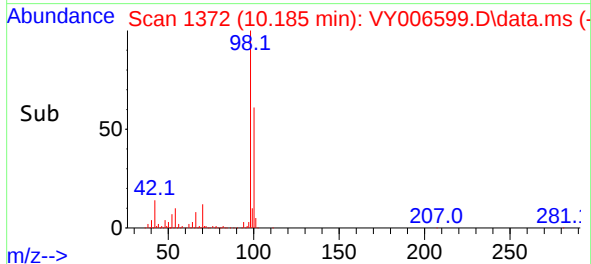
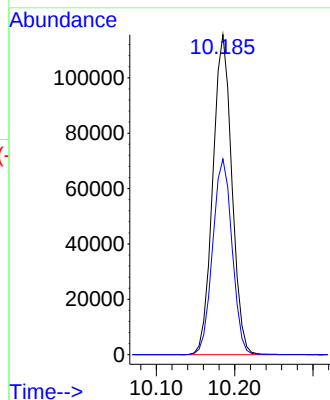
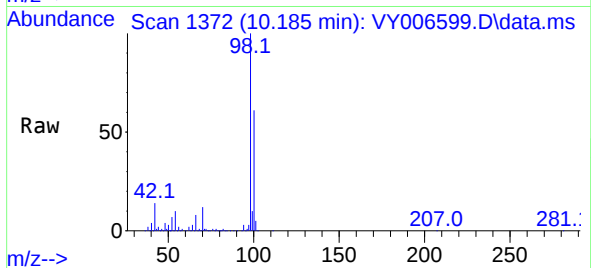




#50
Toluene-d8
Concen: 53.810 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

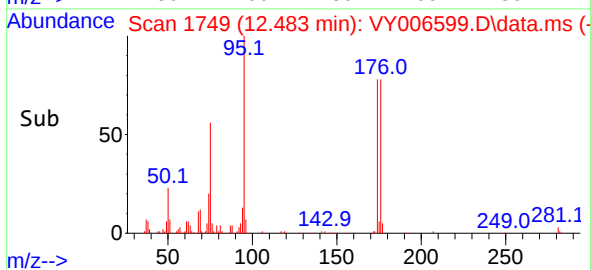
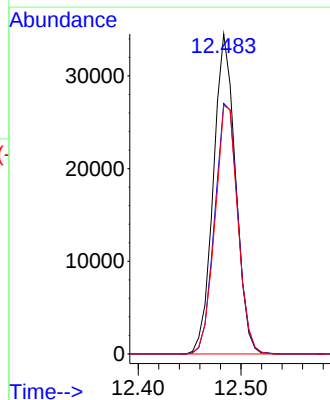
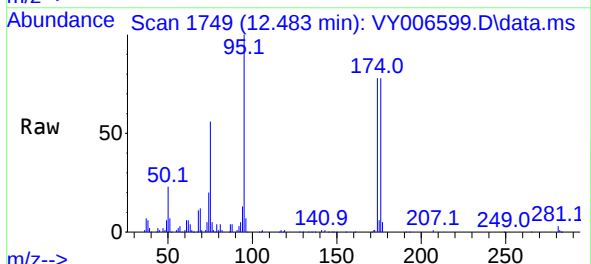
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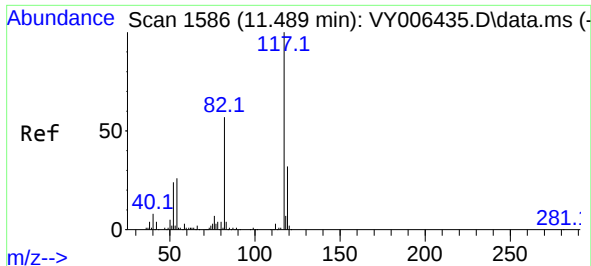
Tgt Ion: 98 Resp: 195025
Ion Ratio Lower Upper
98 100
100 62.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 42.309 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

Tgt Ion: 95 Resp: 51654
Ion Ratio Lower Upper
95 100
174 81.6 0.0 177.0
176 79.9 0.0 169.4

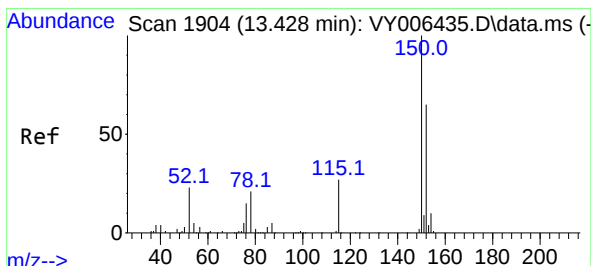
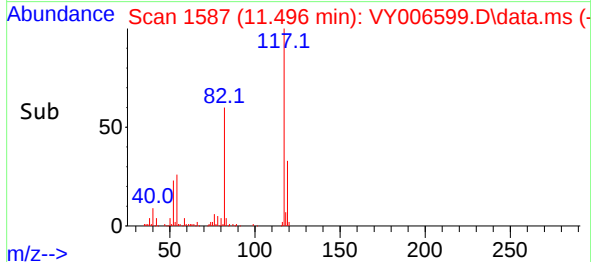
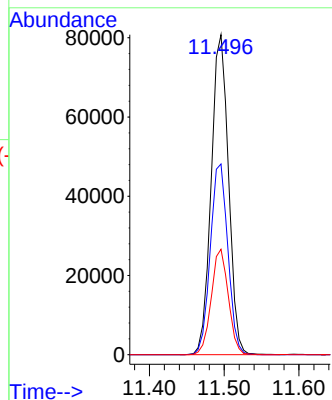
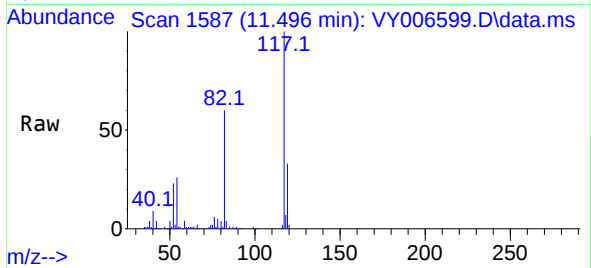




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

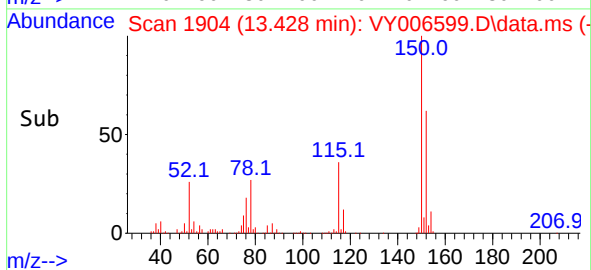
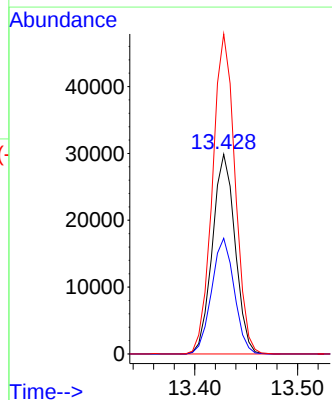
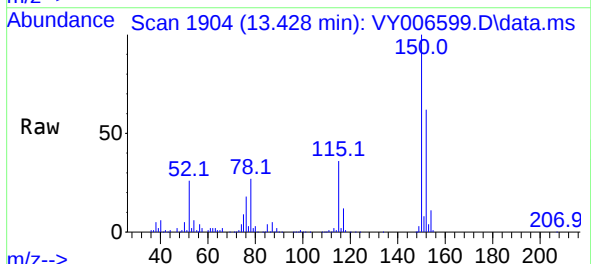
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221RE

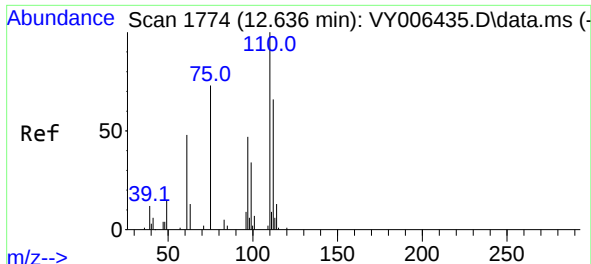
Tgt Ion:117 Resp: 129788
Ion Ratio Lower Upper
117 100
82 59.6 45.7 68.5
119 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

Tgt Ion:152 Resp: 45766
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.5
150 159.0 0.0 348.2

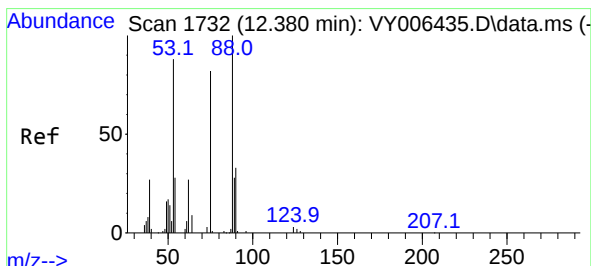
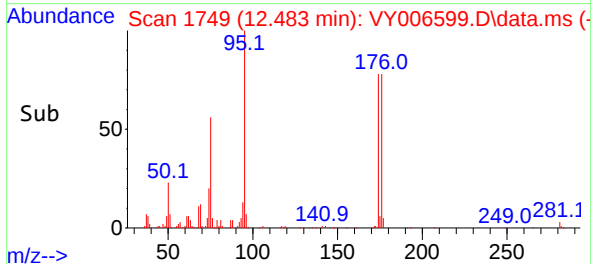
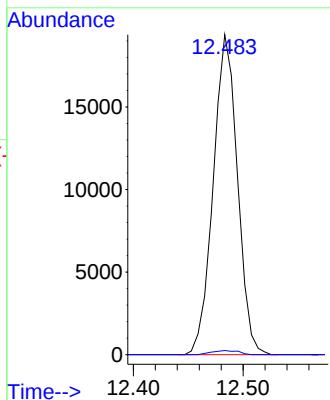
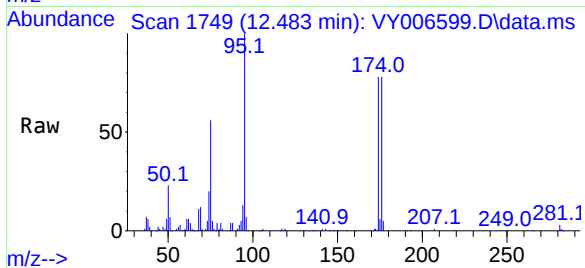




#76
1,2,3-Trichloropropane
Concen: 63.148 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-110221RE

Tgt Ion: 75 Resp: 29781
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.640 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006599.D
Acq: 03 Nov 2021 13:57

Tgt Ion: 75 Resp: 29781
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.1 39.3 58.9#

