

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011604.D
 Acq On : 28 Nov 2022 17:06
 Operator : KP/MD
 Sample : N5795-04RE
 Misc : 4.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-12RE

Quant Time: Nov 29 00:26:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

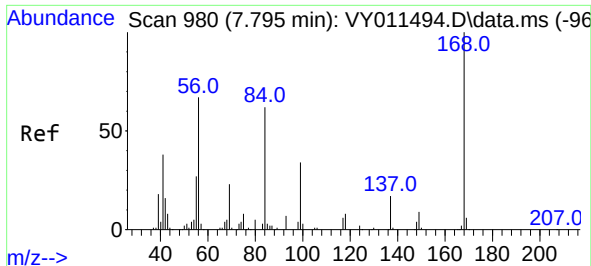
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	62430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	114218	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	115567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49222	77.648	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	155.300%
35) Dibromofluoromethane	7.716	113	42325	60.196	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.400%
50) Toluene-d8	10.179	98	142365	55.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.440%
62) 4-Bromofluorobenzene	12.483	95	44873	47.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	115	Below Cal	#	44
5) Bromomethane	2.662	94	122	Below Cal	#	58
11) Tert butyl alcohol	4.930	59	271	Below Cal	#	77
18) Methyl Acetate	4.222	43	67	Below Cal	#	56
20) Methylene Chloride	4.716	84	4630	Below Cal	#	79
31) Cyclohexane	7.789	56	1414	1.346	ug/l #	17
36) 1,1-Dichloropropene	7.783	75	4898	4.456	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6644	5.403	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	682	1.087	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	23093	45.280	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	23093	99.179	ug/l #	7
95) Naphthalene	15.239	128	589	4.343	ug/l #	88

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

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Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

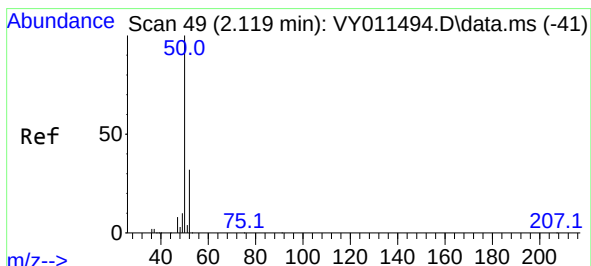
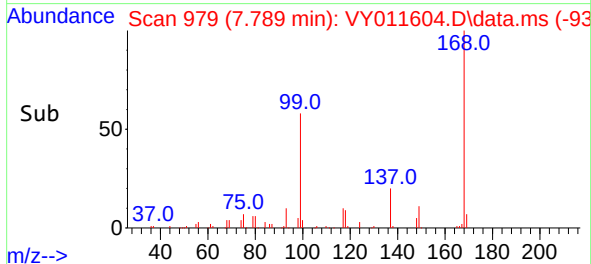
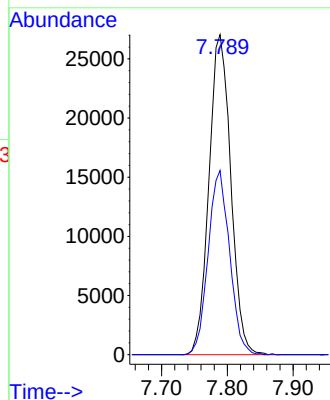
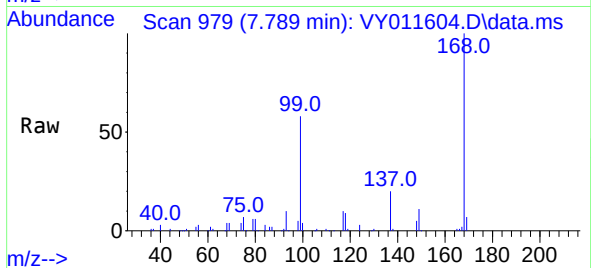




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

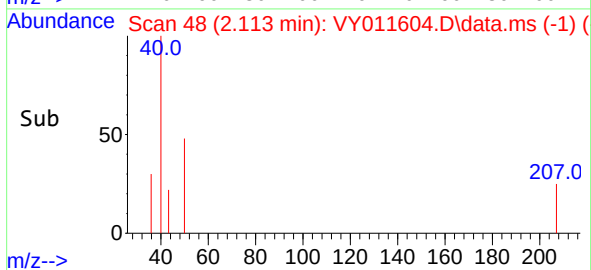
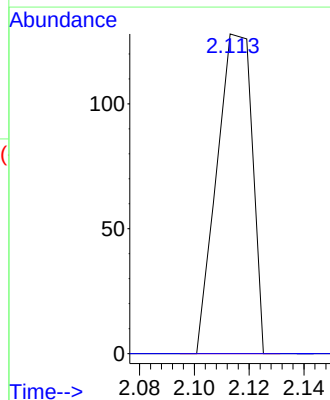
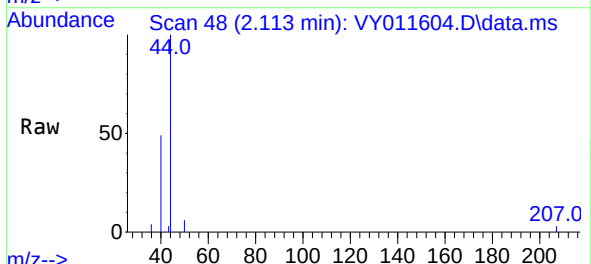
Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

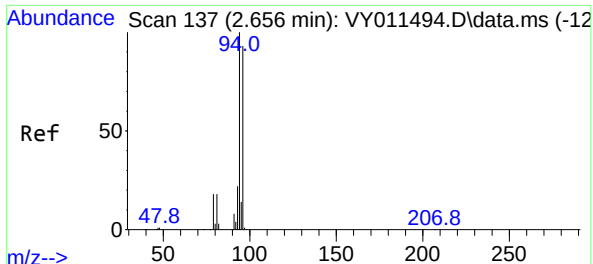
Tgt Ion:168 Resp: 62430
Ion Ratio Lower Upper
168 100
99 57.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 50 Resp: 115
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

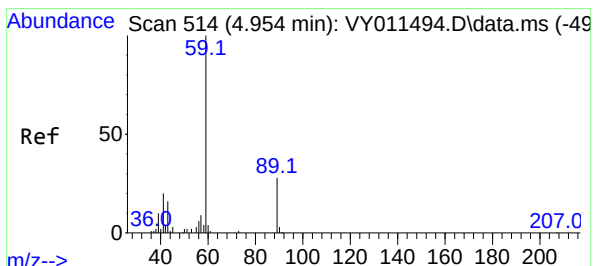
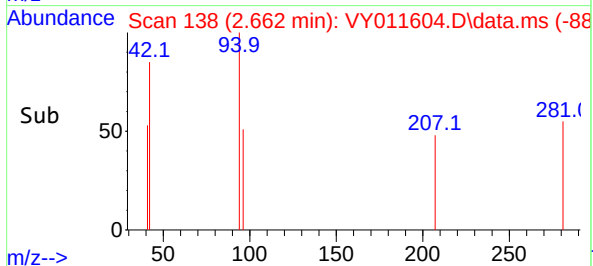
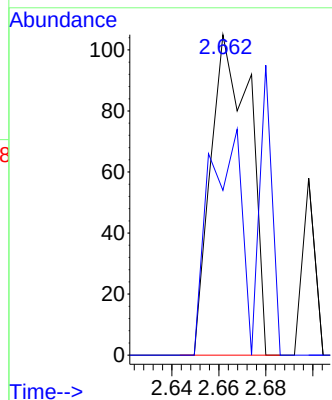
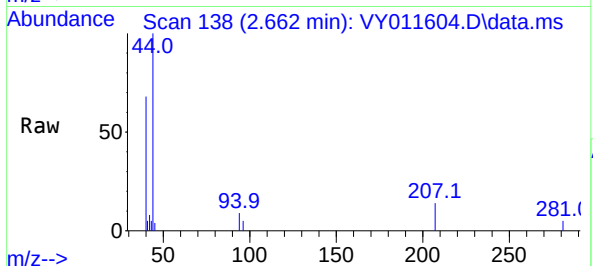




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

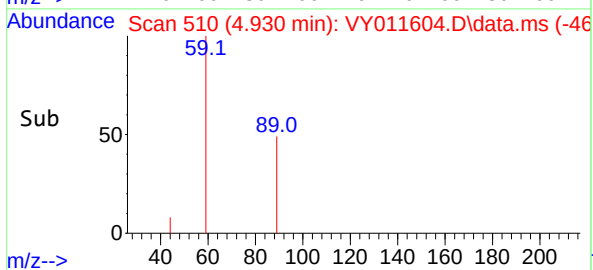
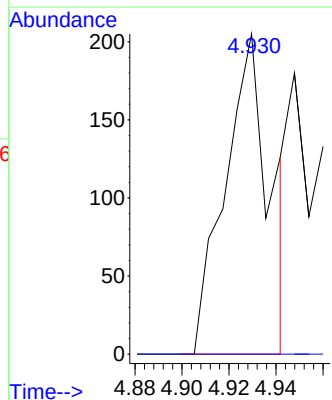
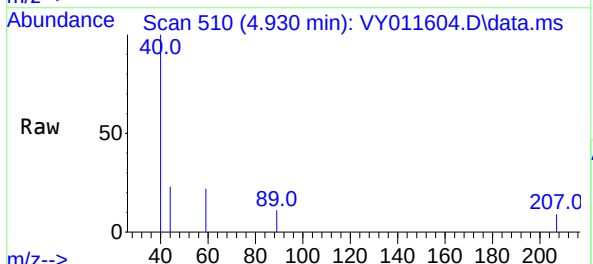
Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

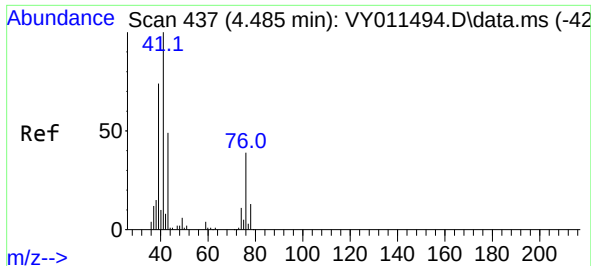
Tgt Ion: 94 Resp: 122
Ion Ratio Lower Upper
94 100
96 51.4 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 59 Resp: 271
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.222 min Scan# 394

Delta R.T. -0.263 min

Lab File: VY011604.D

Acq: 28 Nov 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

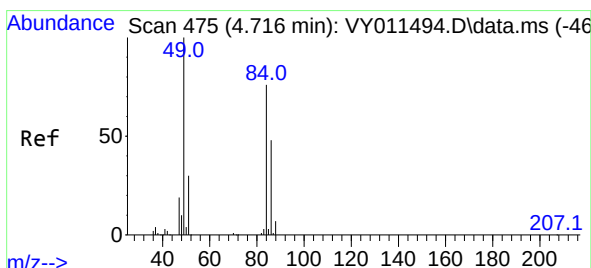
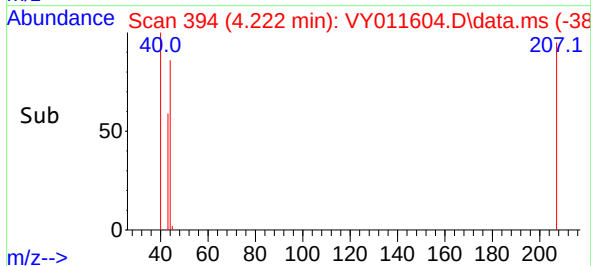
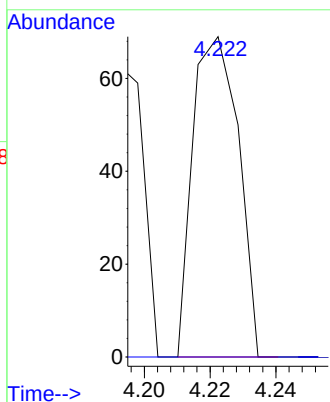
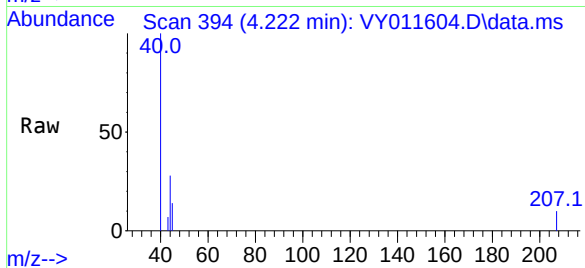
TP-12RE

Tgt Ion: 43 Resp: 67

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: VY011604.D

Acq: 28 Nov 2022 17:06

Tgt Ion: 84 Resp: 4630

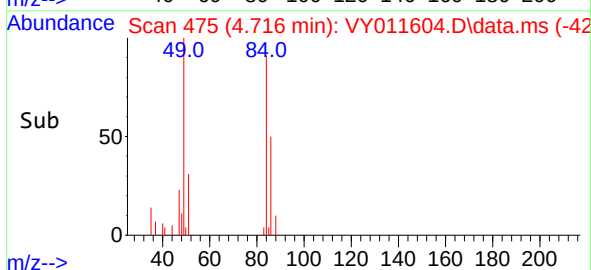
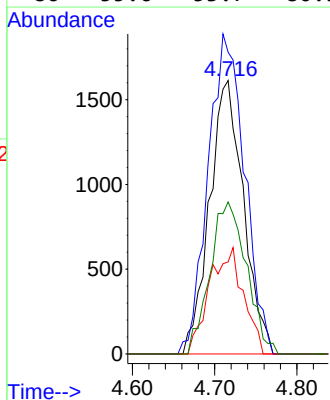
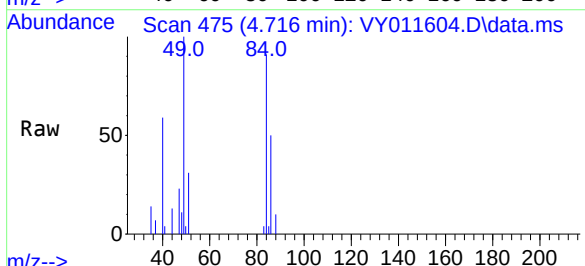
Ion Ratio Lower Upper

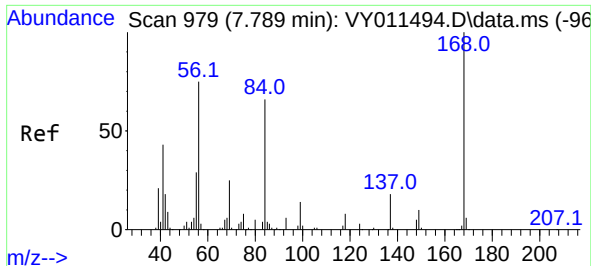
84 100

49 110.4 114.4 171.6#

51 33.7 35.3 52.9#

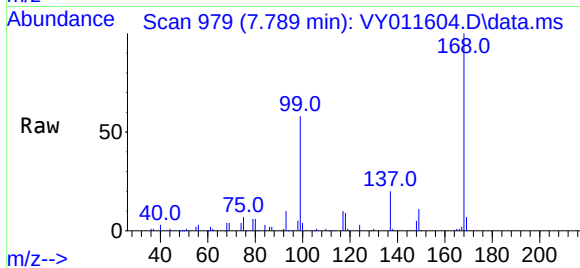
86 55.6 53.7 80.5



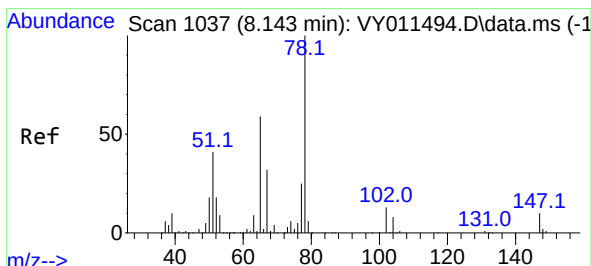
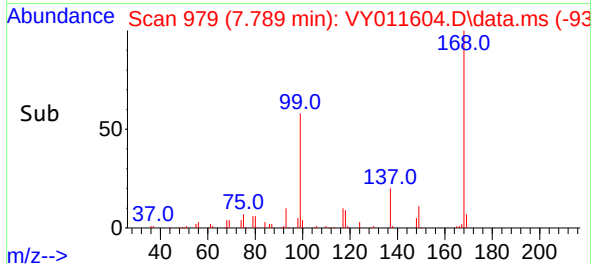
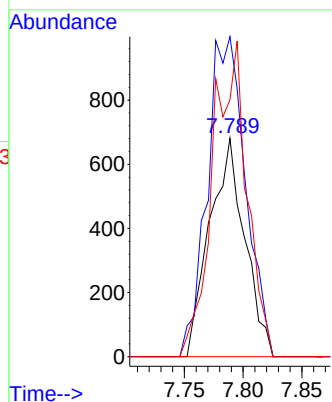


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

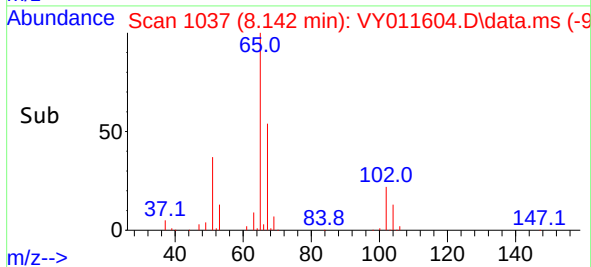
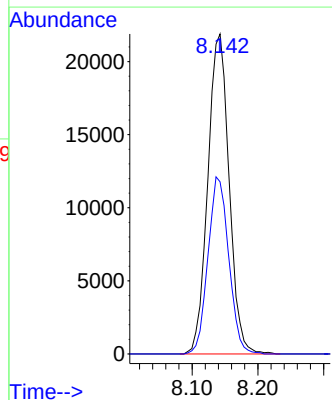
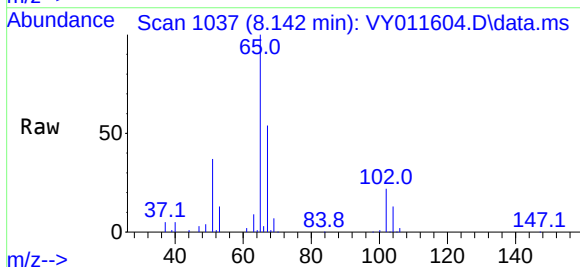


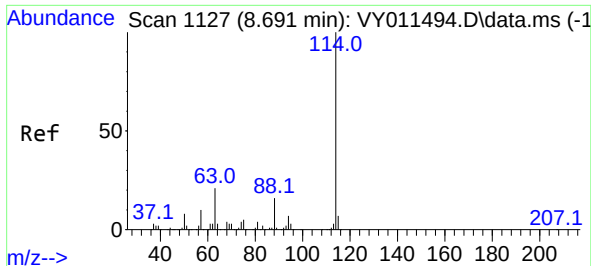
Tgt Ion: 56 Resp: 1414
Ion Ratio Lower Upper
56 100
69 146.5 26.7 40.1#
84 117.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 77.648 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 65 Resp: 49222
Ion Ratio Lower Upper
65 100
67 54.1 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: VY011604.D

Acq: 28 Nov 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

TP-12RE

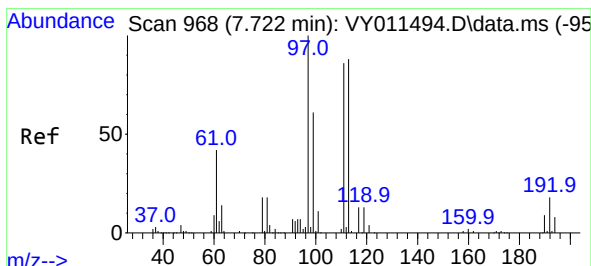
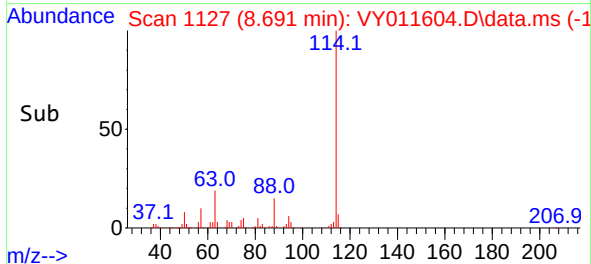
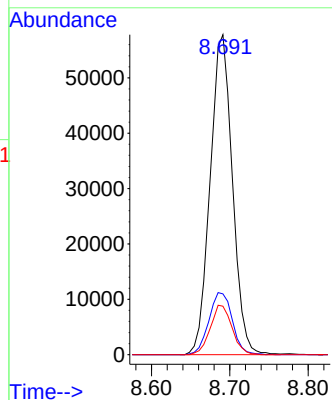
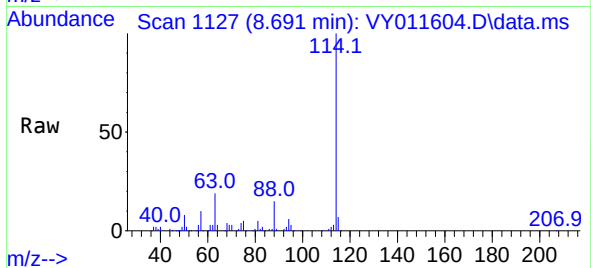
Tgt Ion:114 Resp: 114218

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 60.196 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY011604.D

Acq: 28 Nov 2022 17:06

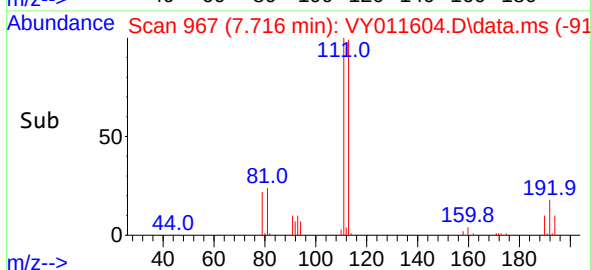
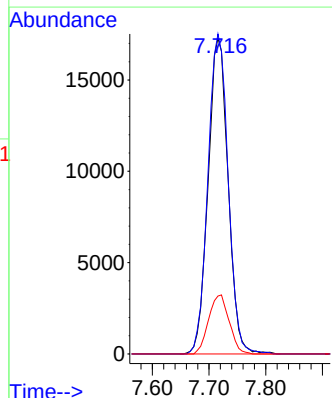
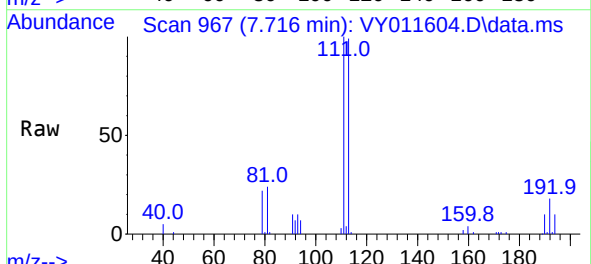
Tgt Ion:113 Resp: 42325

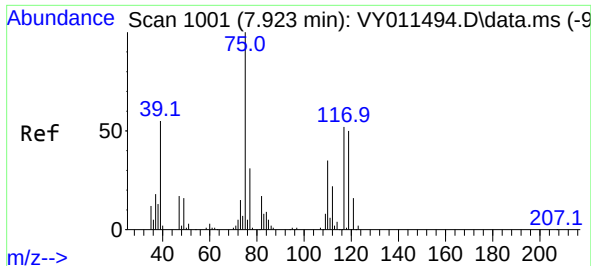
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 19.2 17.6 26.4

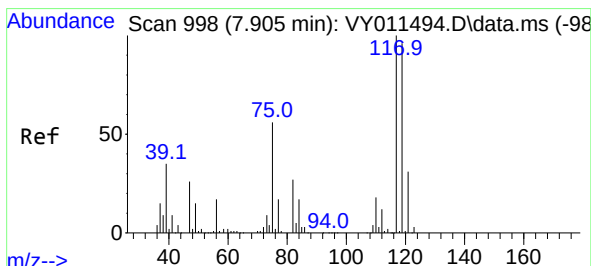
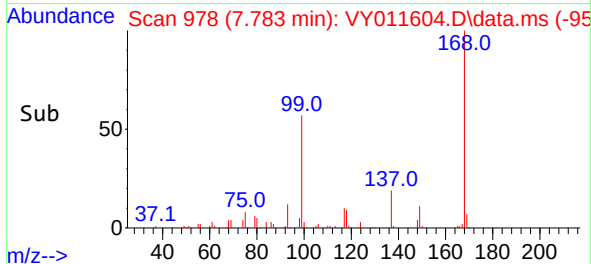
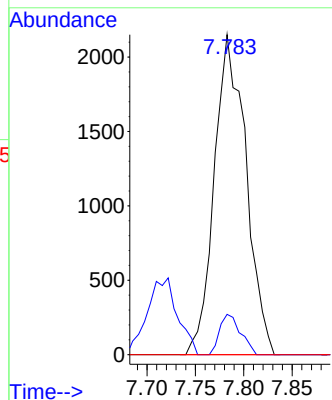
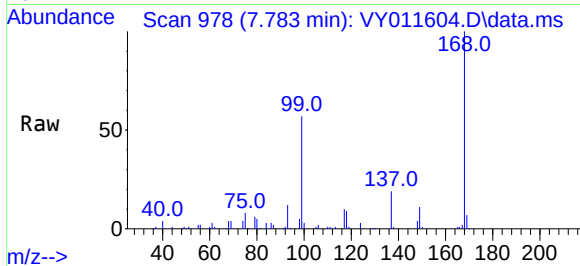




#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

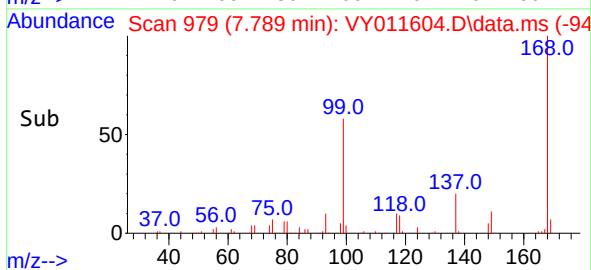
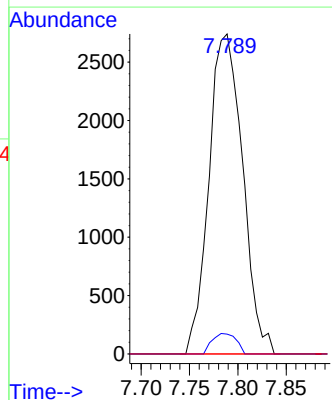
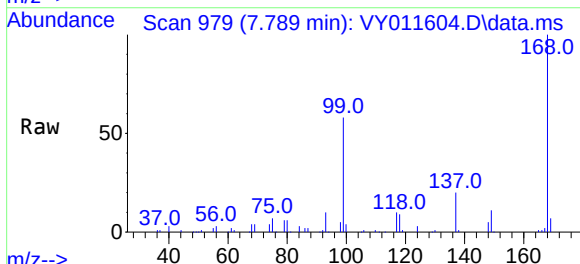
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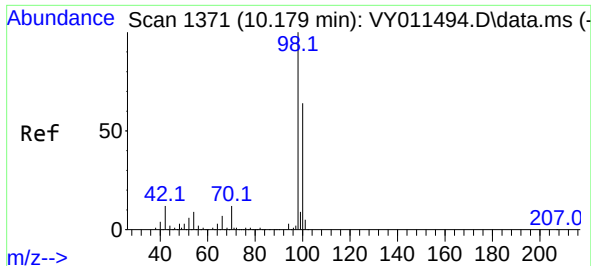
Tgt Ion: 75 Resp: 4898
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 117 Resp: 6644
Ion Ratio Lower Upper
117 100
119 6.2 77.9 116.9#
121 0.0 24.8 37.2#

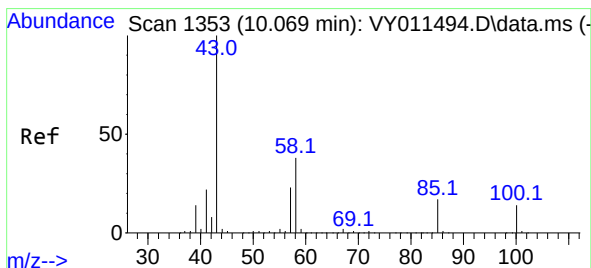
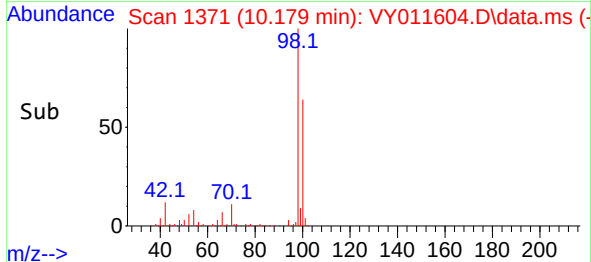
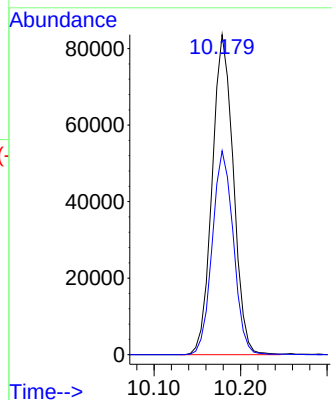
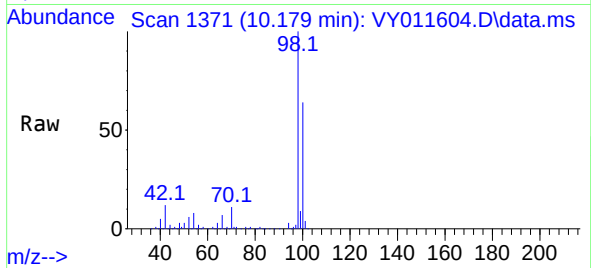




#50
Toluene-d8
Concen: 55.719 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

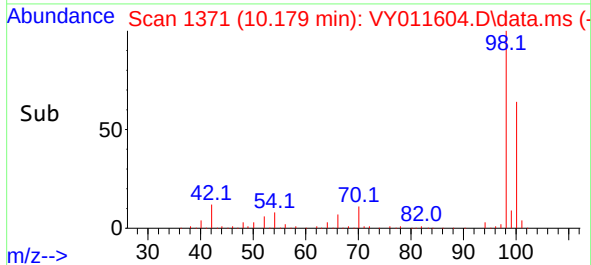
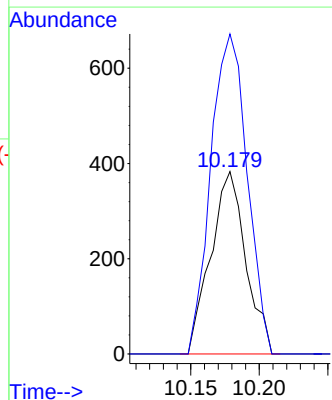
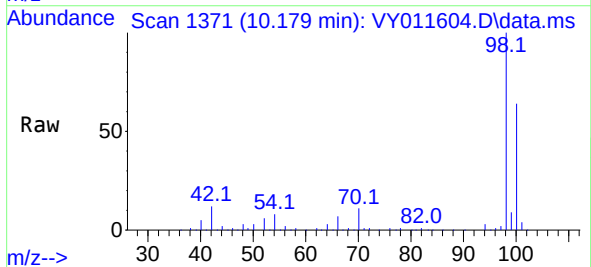
Instrument :
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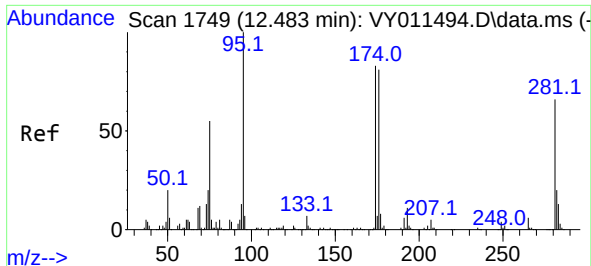
Tgt Ion: 98 Resp: 142365
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.087 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 43 Resp: 682
Ion Ratio Lower Upper
43 100
58 182.0 28.1 42.1#

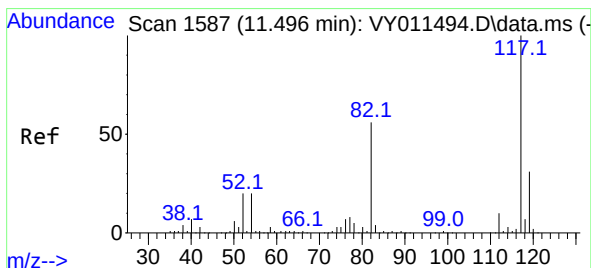
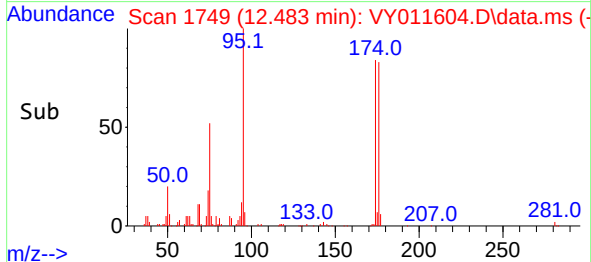
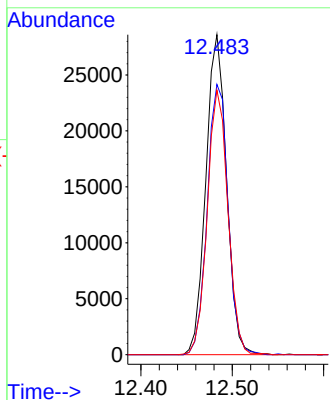
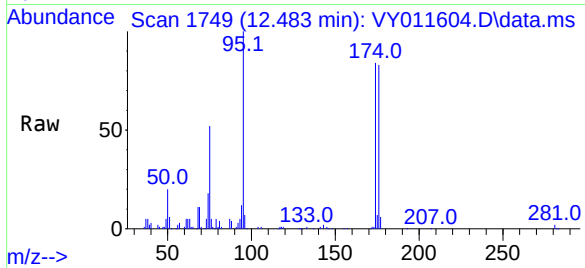




#62
4-Bromofluorobenzene
Concen: 47.500 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

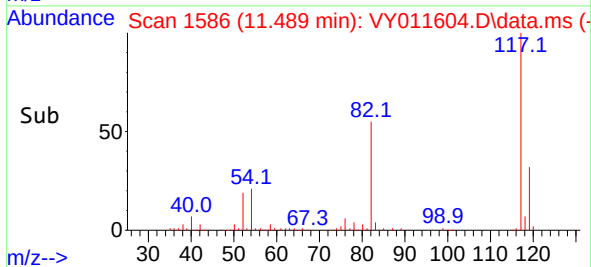
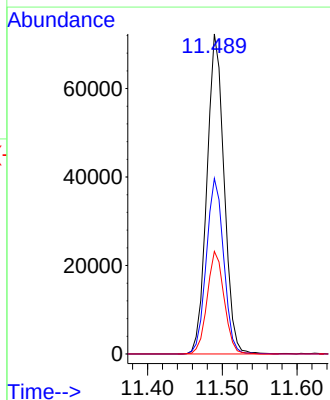
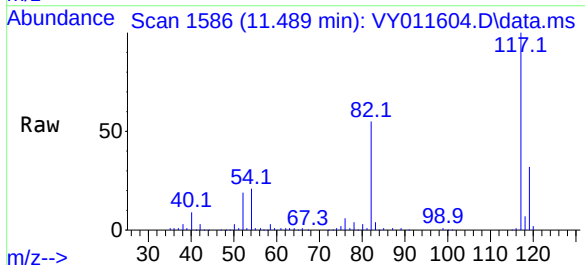
Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

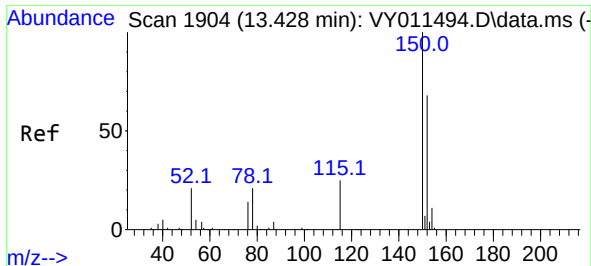
Tgt Ion: 95 Resp: 44873
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 117 Resp: 115567
Ion Ratio Lower Upper
117 100
82 54.9 43.0 64.4
119 32.0 25.4 38.0

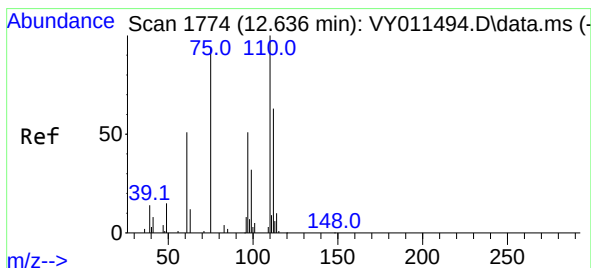
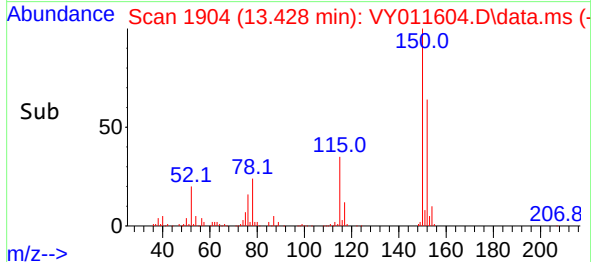
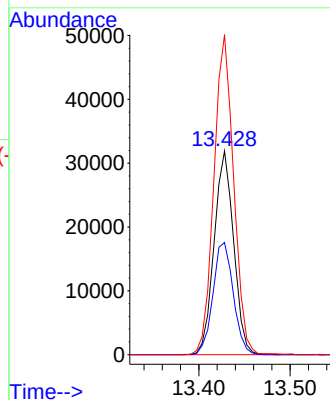
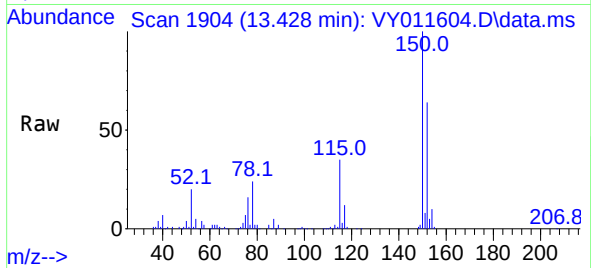




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

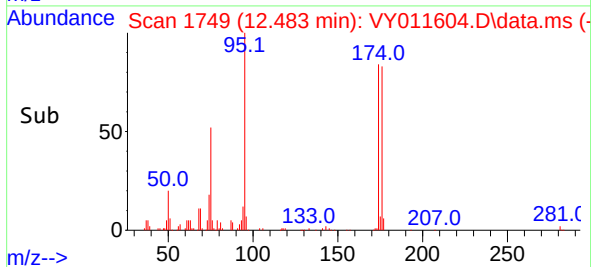
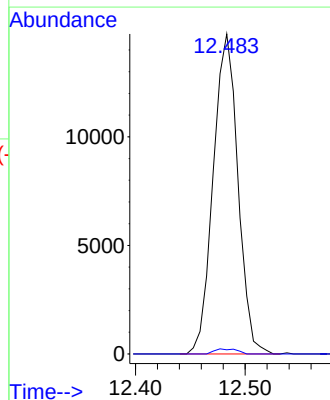
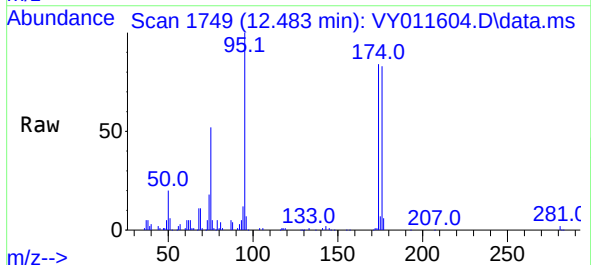
Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

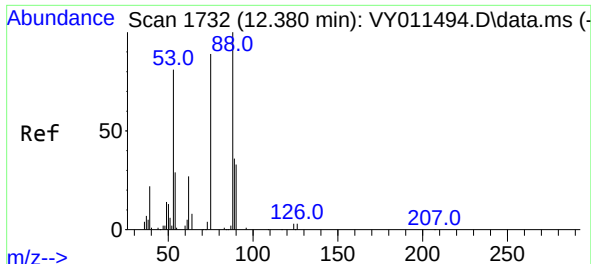
Tgt Ion:152 Resp: 47357
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 45.280 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 75 Resp: 23093
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

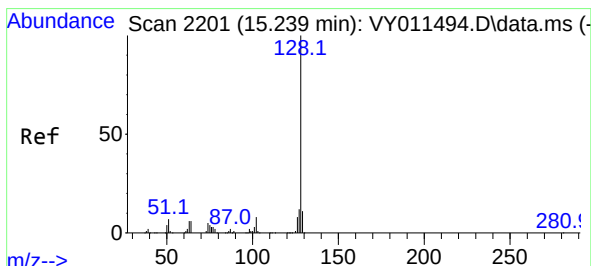
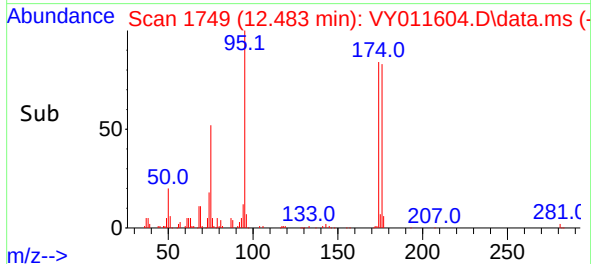
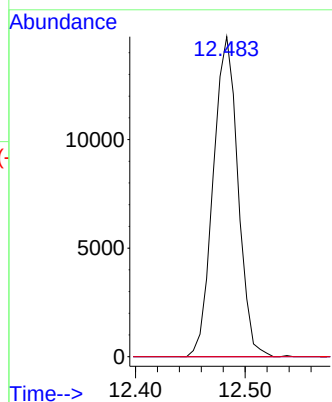
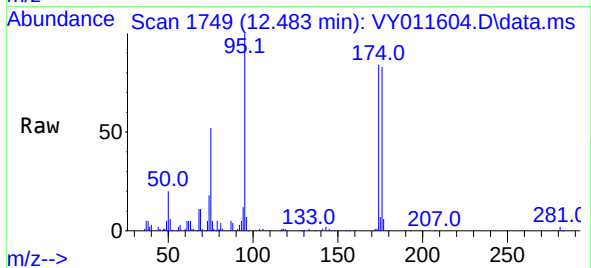




#81
trans-1,4-Dichloro-2-butene
Concen: 99.179 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Instrument :
MSVOA_Y
ClientSampleId :
TP-12RE

Tgt Ion: 75 Resp: 23093
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.343 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY011604.D
Acq: 28 Nov 2022 17:06

Tgt Ion: 128 Resp: 589
Ion Ratio Lower Upper
128 100
127 13.9 11.0 16.4
129 0.0 8.4 12.6#

