

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120224\
 Data File : VY020484.D
 Acq On : 02 Dec 2024 14:47
 Operator : SY/MD
 Sample : P5005-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Quant Time: Dec 02 21:56:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 02 14:47:59 2024
 Response via : Initial Calibration

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

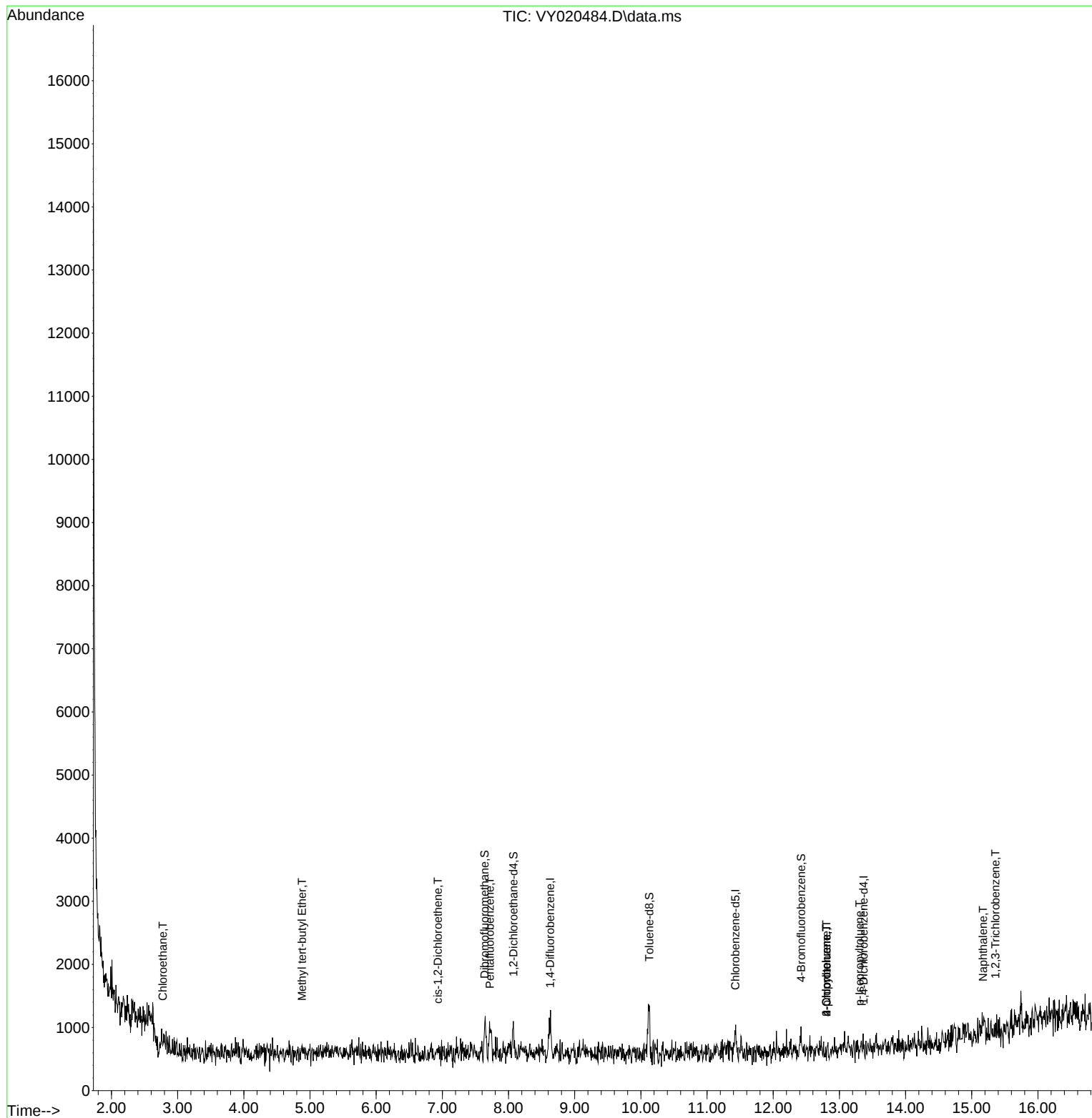
Internal Standards						
1) Pentafluorobenzene	7.720	168	688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	895	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.426	117	312	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	90	50.000	ug/l	# 0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	493	70.458	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.920%	
35) Dibromofluoromethane	7.640	113	424	75.251	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.500%#	
50) Toluene-d8	10.128	98	836	38.965	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.940%	
62) 4-Bromofluorobenzene	12.420	95	94	12.527	ug/l	0.02
Spiked Amount	50.000	Range	29 - 146	Recovery	= 25.060%#	
Target Compounds						Qvalue
6) Chloroethane	2.775	64	220	51.811	ug/l #	43
19) Methyl tert-butyl Ether	4.879	73	22	1.206	ug/l #	53
27) cis-1,2-Dichloroethene	6.933	96	23	2.483	ug/l #	1
78) n-propylbenzene	12.804	91	41	3.977	ug/l #	54
79) 2-Chlorotoluene	12.804	91	41	7.048	ug/l #	42
82) 4-Chlorotoluene	12.804	91	41	6.906	ug/l #	41
86) p-Isopropyltoluene	13.304	119	22	2.944	ug/l #	50
95) Naphthalene	15.169	128	26	9.688	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.358	180	19	14.198	ug/l #	12

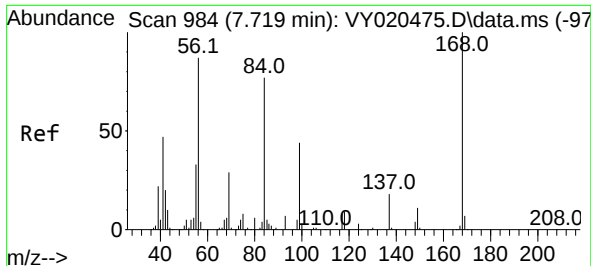
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

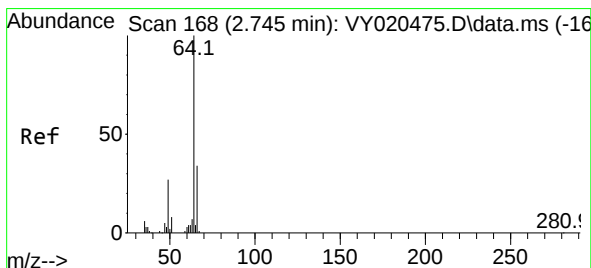
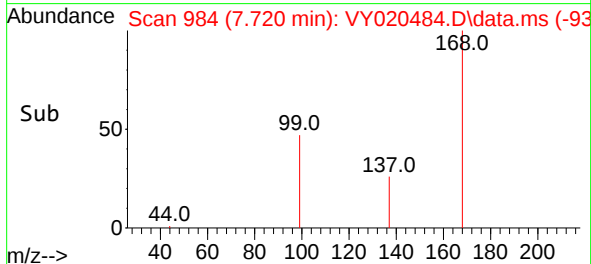
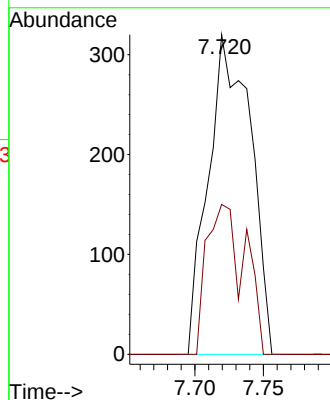
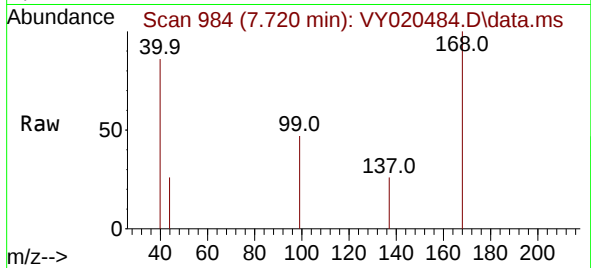




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

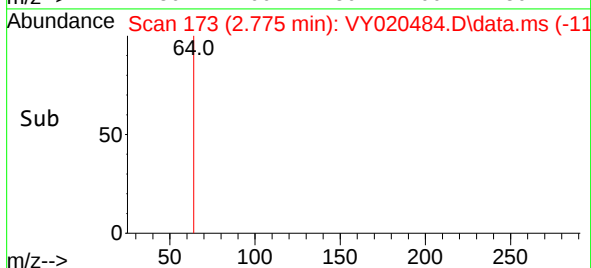
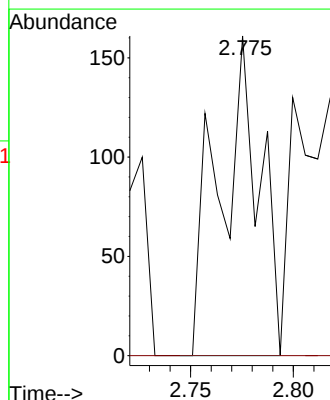
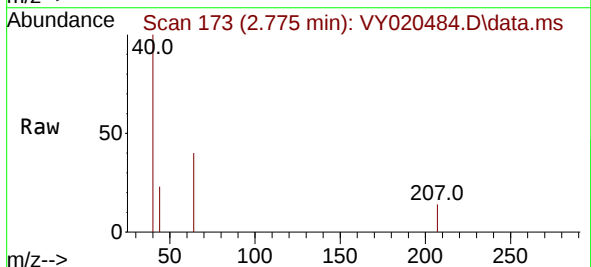
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

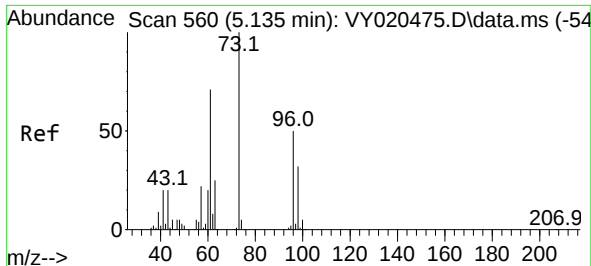
Tgt Ion:168 Resp: 688
Ion Ratio Lower Upper
168 100
99 46.9 46.6 69.8



#6
Chloroethane
Concen: 51.811 ug/l
RT: 2.775 min Scan# 173
Delta R.T. 0.037 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#





#19

Methyl tert-butyl Ether

Concen: 1.206 ug/l

RT: 4.879 min Scan# 518

Delta R.T. -0.238 min

Lab File: VY020484.D

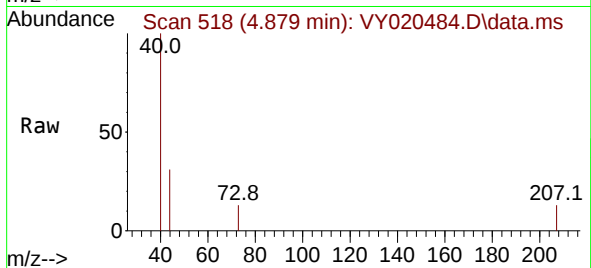
Acq: 02 Dec 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

STOCK-PILE

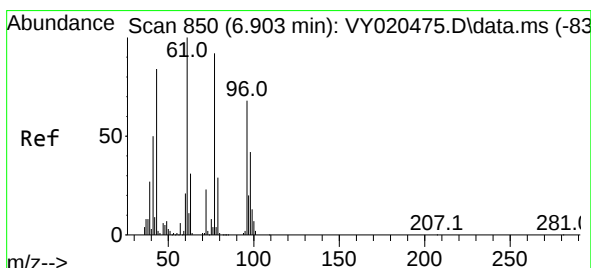
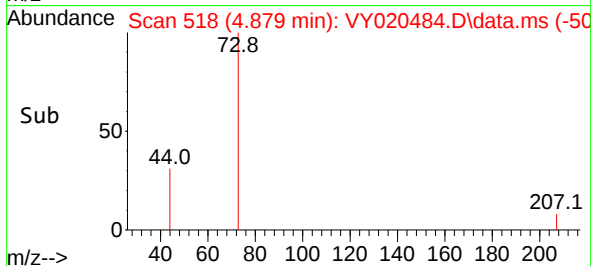
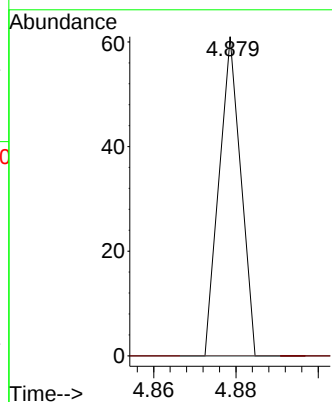


Tgt Ion: 73 Resp: 22

Ion Ratio Lower Upper

73 100

57 0.0 18.0 27.0#



#27

cis-1,2-Dichloroethene

Concen: 2.483 ug/l

RT: 6.933 min Scan# 855

Delta R.T. 0.037 min

Lab File: VY020484.D

Acq: 02 Dec 2024 14:47

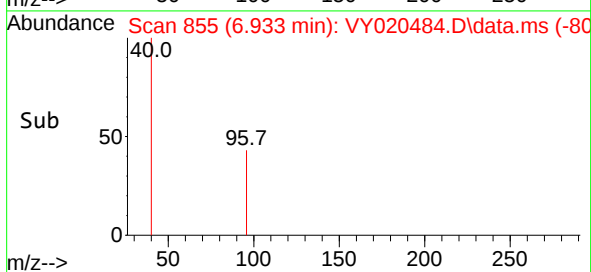
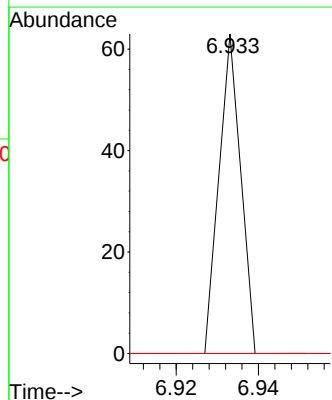
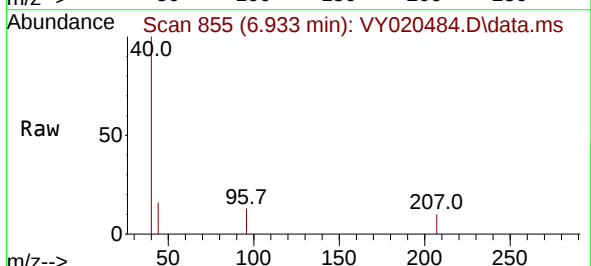
Tgt Ion: 96 Resp: 23

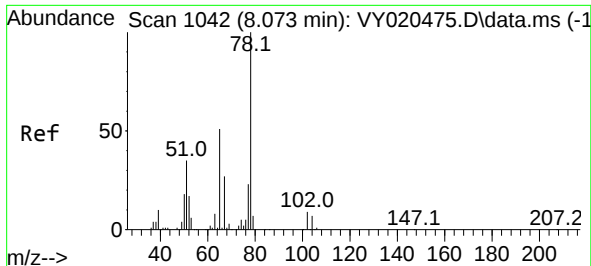
Ion Ratio Lower Upper

96 100

61 0.0 0.0 312.4

98 0.0 0.0 126.8





#33

1,2-Dichloroethane-d4

Concen: 70.458 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. 0.012 min

Lab File: VY020484.D

Acq: 02 Dec 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

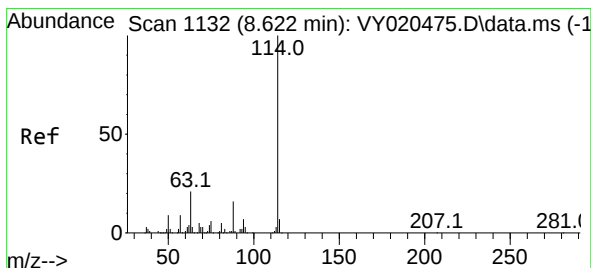
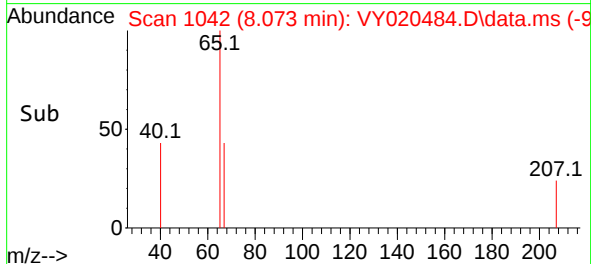
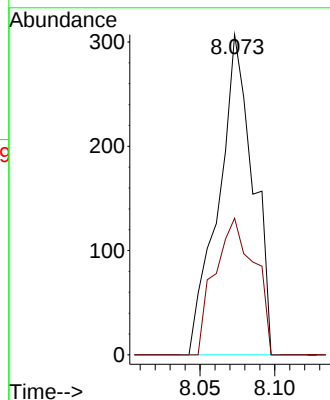
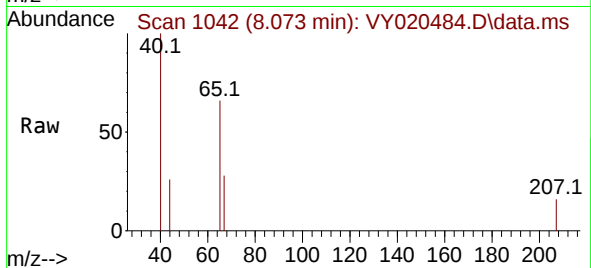
STOCK-PILE

Tgt Ion: 65 Resp: 493

Ion Ratio Lower Upper

65 100

67 49.1 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.012 min

Lab File: VY020484.D

Acq: 02 Dec 2024 14:47

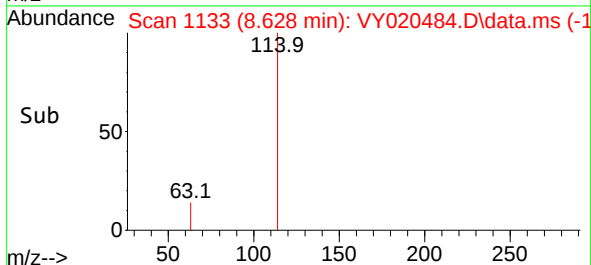
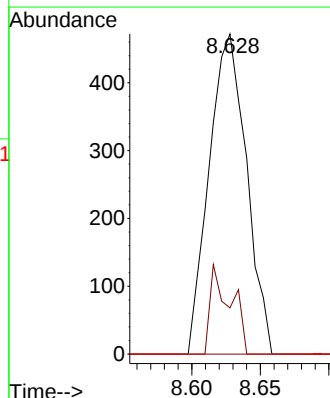
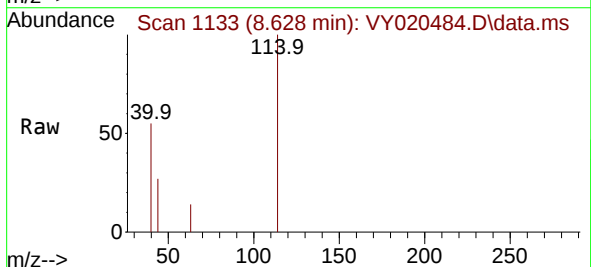
Tgt Ion: 114 Resp: 895

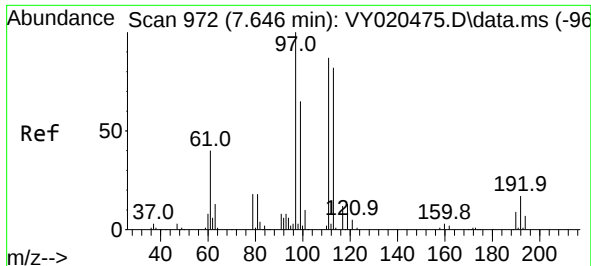
Ion Ratio Lower Upper

114 100

63 14.4 0.0 44.8

88 0.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 75.251 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020484.D

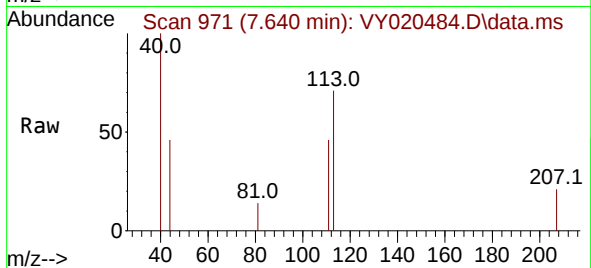
Acq: 02 Dec 2024 14:47

Instrument :

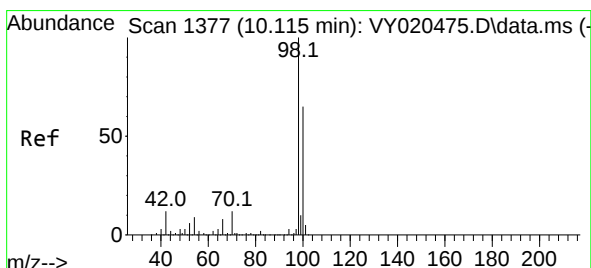
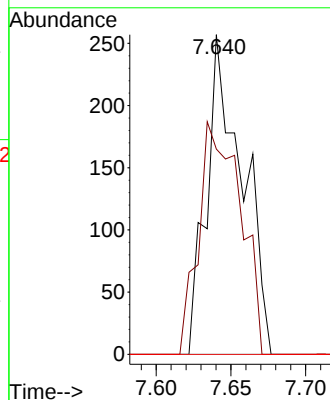
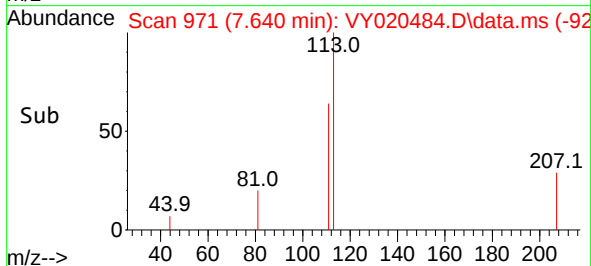
MSVOA_Y

ClientSampleId :

STOCK-PILE



Tgt Ion:	113	Resp:	424
Ion	Ratio	Lower	Upper
113	100		
111	85.8	81.4	122.0
192	0.0	15.1	22.7#



#50

Toluene-d8

Concen: 38.965 ug/l

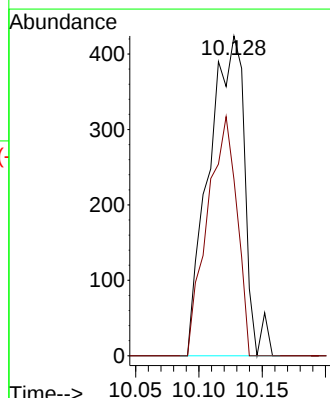
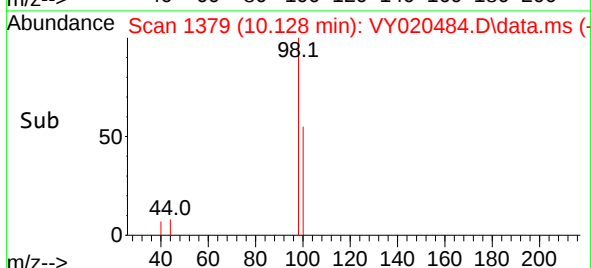
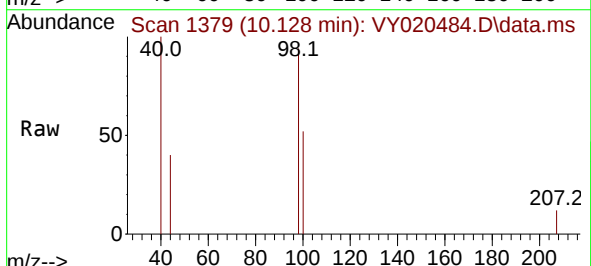
RT: 10.128 min Scan# 1379

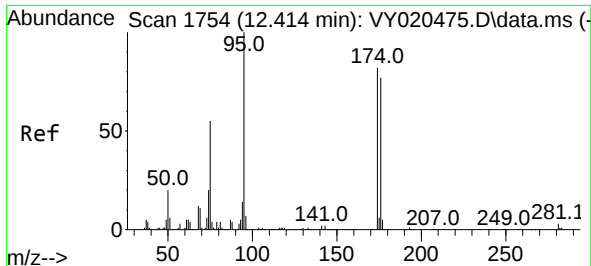
Delta R.T. 0.018 min

Lab File: VY020484.D

Acq: 02 Dec 2024 14:47

Tgt Ion:	98	Resp:	836
Ion	Ratio	Lower	Upper
98	100		
100	61.2	51.3	76.9

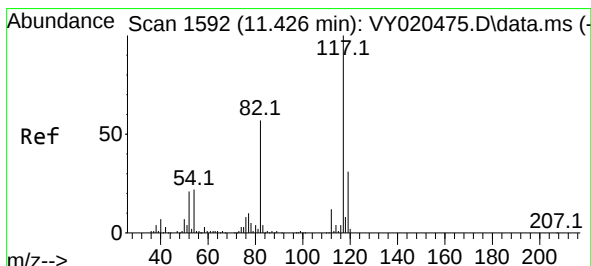
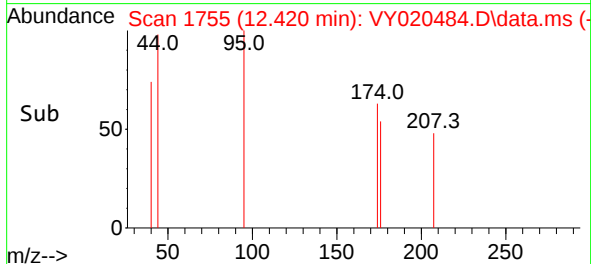
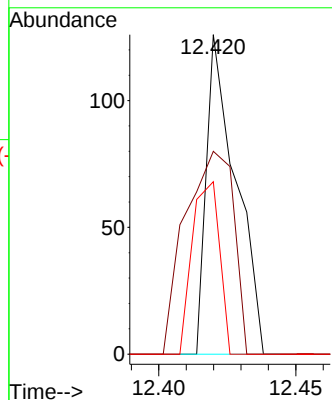
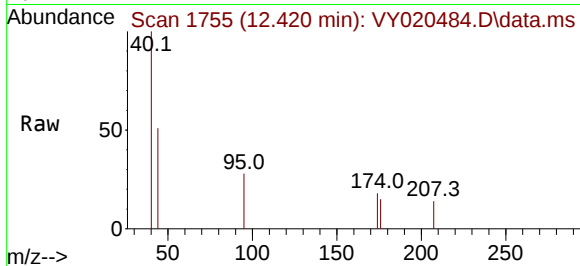




#62
4-Bromofluorobenzene
Concen: 12.527 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.018 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

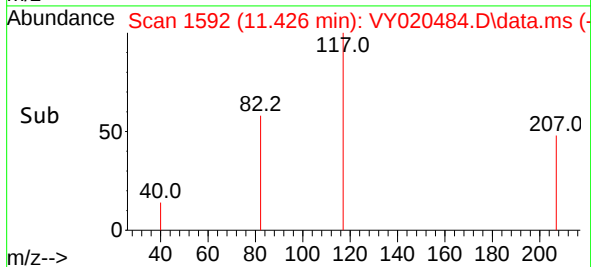
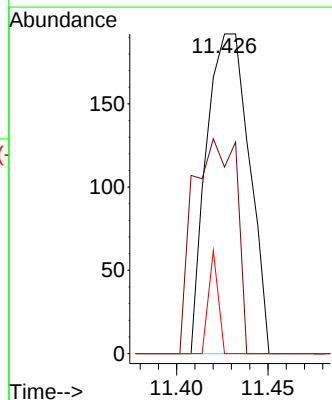
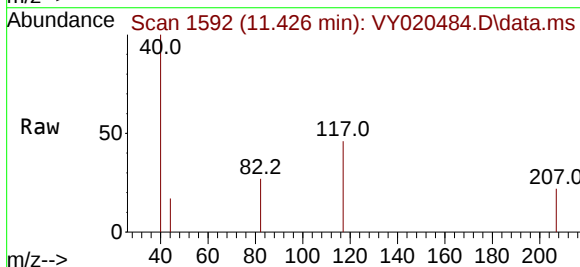
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

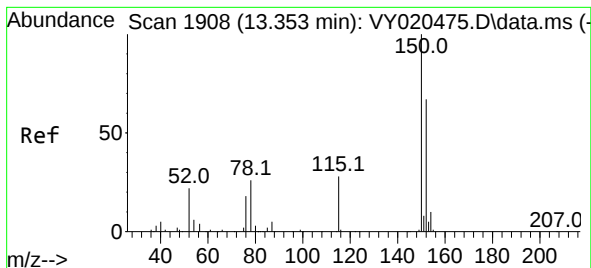
Tgt Ion: 95	Resp:	94
Ion Ratio	Lower	Upper
95	100	
174	104.3	0.0 156.8
176	50.0	0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

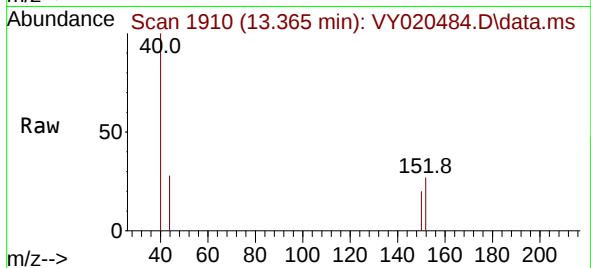
Tgt Ion: 117	Resp:	312
Ion Ratio	Lower	Upper
117	100	
82	58.3	48.2 72.4
119	0.0	25.8 38.8



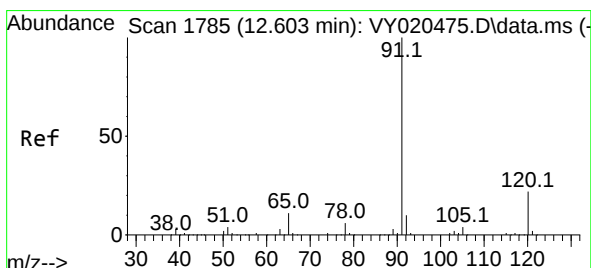
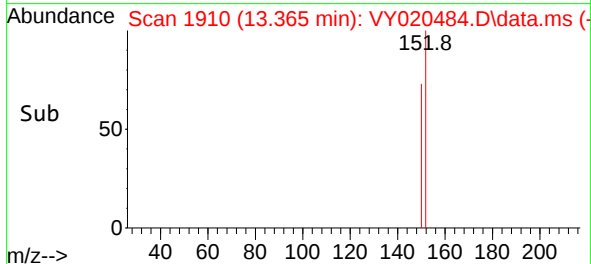
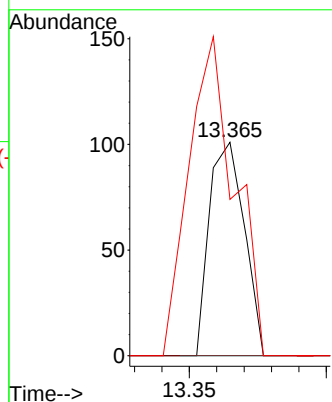


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.018 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

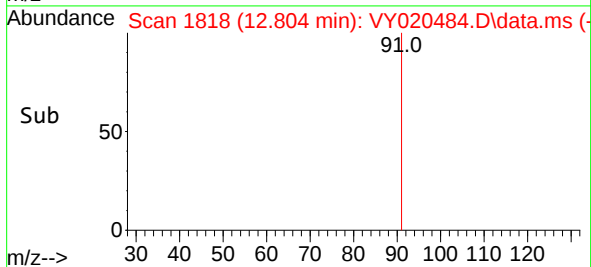
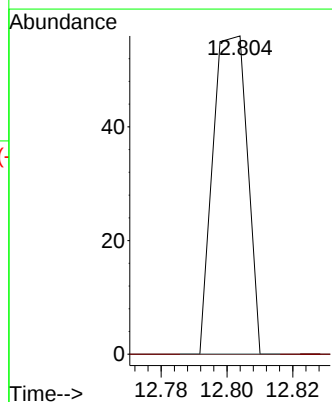
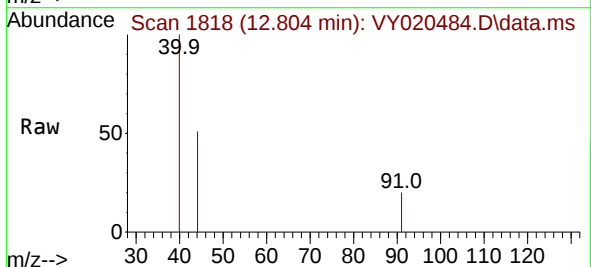


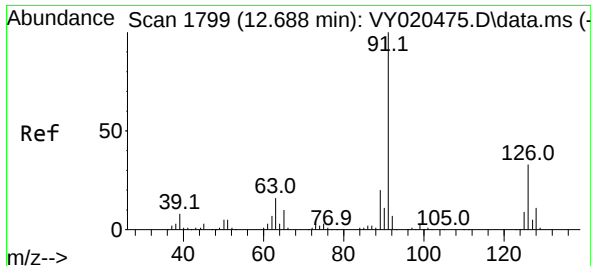
Tgt Ion:152 Resp: 90
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0#
150 195.6 0.0 348.2



#78
n-propylbenzene
Concen: 3.977 ug/l
RT: 12.804 min Scan# 1818
Delta R.T. 0.207 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

Tgt Ion: 91 Resp: 41
Ion Ratio Lower Upper
91 100
120 0.0 10.9 32.6#





#79

2-Chlorotoluene

Concen: 7.048 ug/l

RT: 12.804 min Scan# 1818

Delta R.T. 0.122 min

Lab File: VY020484.D

Acq: 02 Dec 2024 14:47

Instrument :

MSVOA_Y

ClientSampleId :

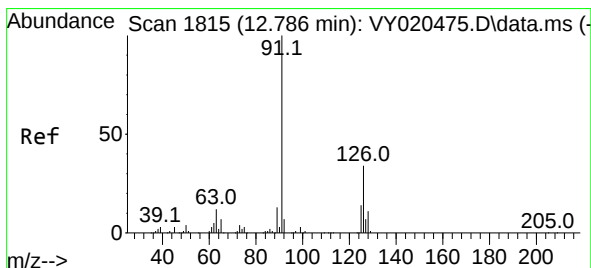
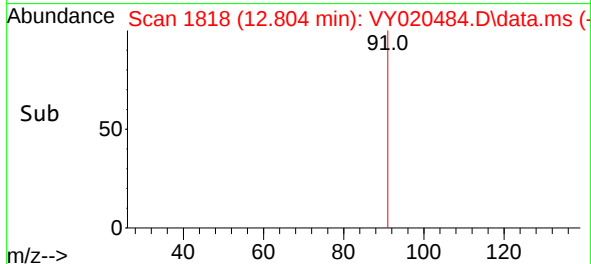
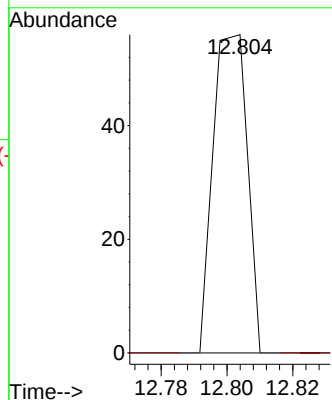
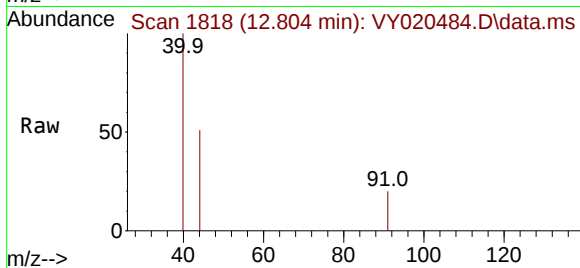
STOCK-PILE

Tgt Ion: 91 Resp: 41

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#82

4-Chlorotoluene

Concen: 6.906 ug/l

RT: 12.804 min Scan# 1818

Delta R.T. 0.024 min

Lab File: VY020484.D

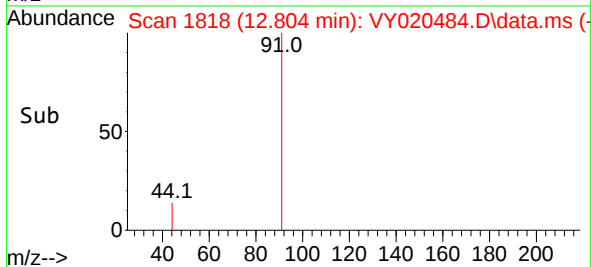
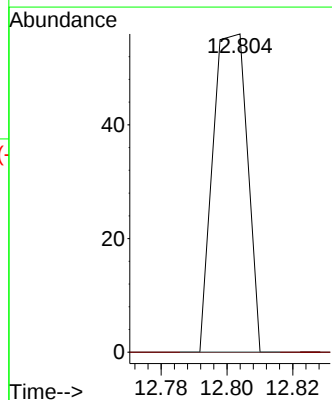
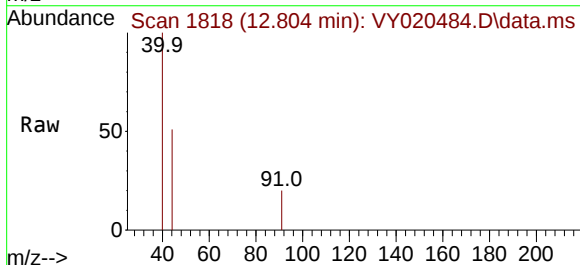
Acq: 02 Dec 2024 14:47

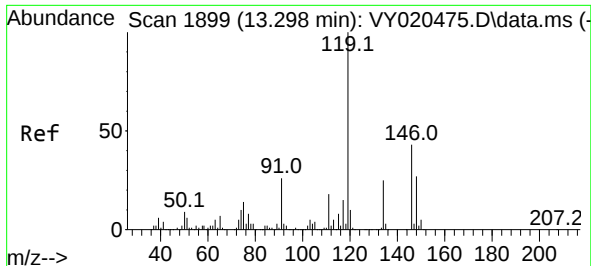
Tgt Ion: 91 Resp: 41

Ion Ratio Lower Upper

91 100

126 0.0 16.6 49.8#

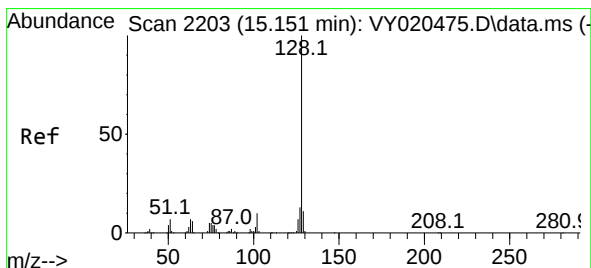
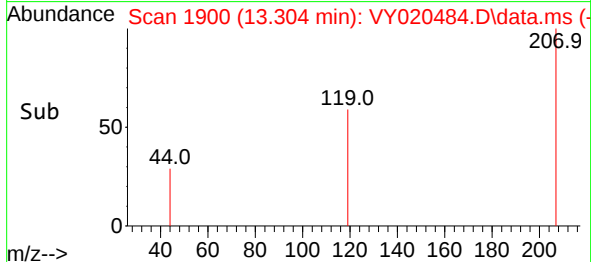
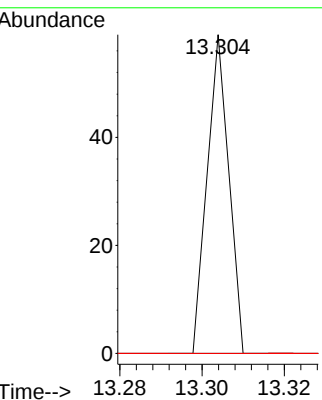
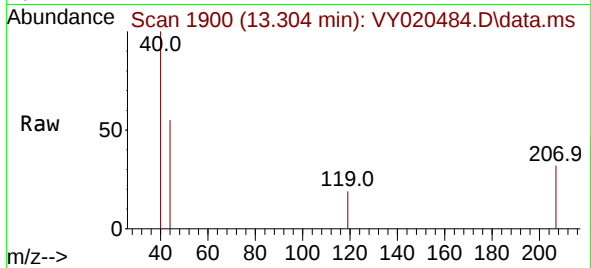




#86
p-Isopropyltoluene
Concen: 2.944 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.012 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

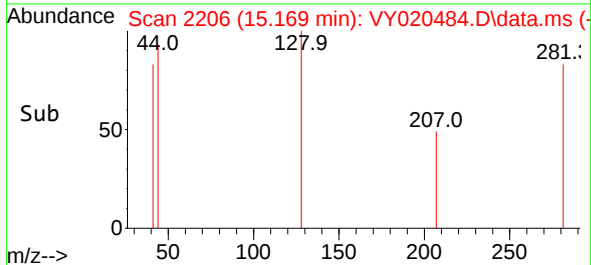
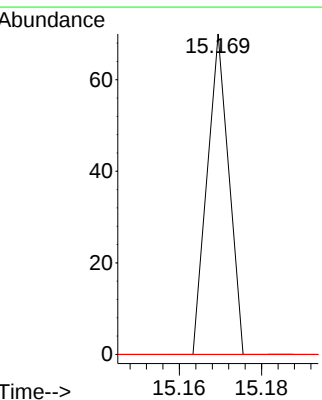
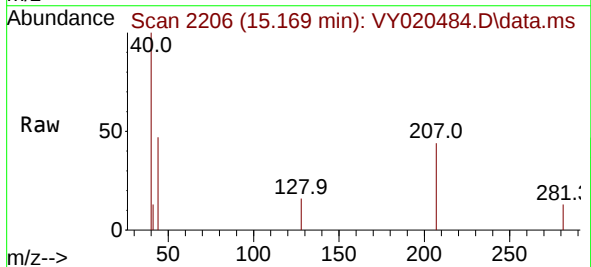
Instrument :
MSVOA_Y
ClientSampleId :
STOCK-PILE

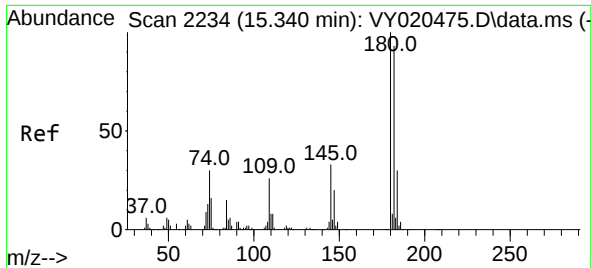
Tgt Ion:119 Resp: 22
Ion Ratio Lower Upper
119 100
134 0.0 12.8 38.4#
91 0.0 12.3 36.8#



#95
Naphthalene
Concen: 9.688 ug/l
RT: 15.169 min Scan# 2206
Delta R.T. 0.024 min
Lab File: VY020484.D
Acq: 02 Dec 2024 14:47

Tgt Ion:128 Resp: 26
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 14.198 ug/l
 RT: 15.358 min Scan# 21
 Delta R.T. 0.030 min
 Lab File: VY020484.D
 Acq: 02 Dec 2024 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 STOCK-PILE

Tgt Ion:180 Resp: 19
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.4 142.3#
 145 0.0 16.9 50.6#

