

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112321\
 Data File : VY006874.D
 Acq On : 23 Nov 2021 17:42
 Operator : SY/MD
 Sample : M4819-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 24 02:05:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

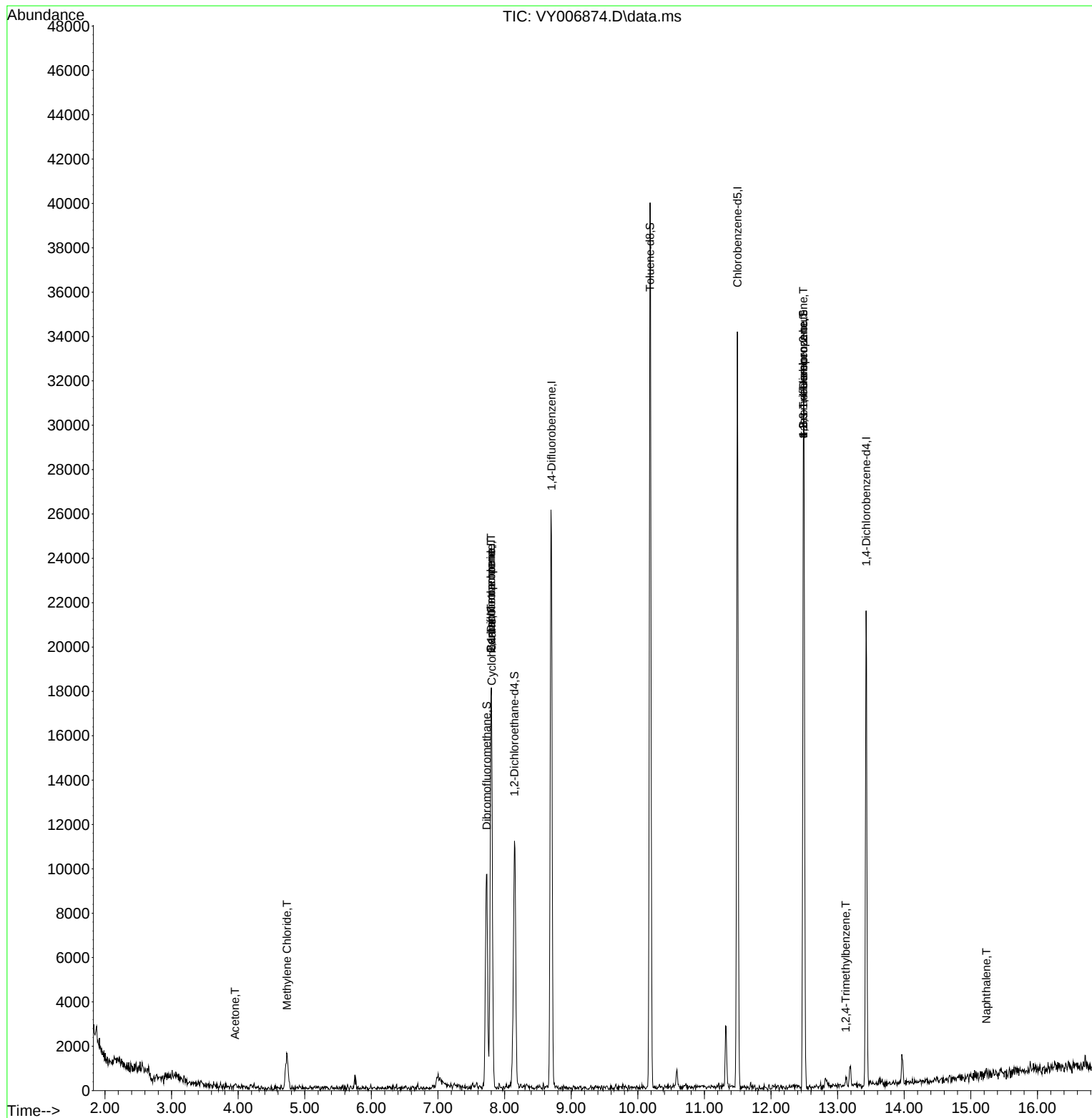
Internal Standards						
1) Pentafluorobenzene	7.795	168	13940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	21250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	17141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8820	48.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.560%
35) Dibromofluoromethane	7.734	113	6604	50.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.200%
50) Toluene-d8	10.185	98	25222	46.696	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.483	95	5542	30.435	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	60.880%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	272	4.900	ug/l #	46
20) Methylene Chloride	4.735	84	1164	3.865	ug/l	95
31) Cyclohexane	7.807	56	392	1.221	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	1272	5.507	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1326	5.613	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	3155	53.999	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	3155	106.997	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	369	1.102	ug/l #	65
95) Naphthalene	15.233	128	497	2.567	ug/l #	68

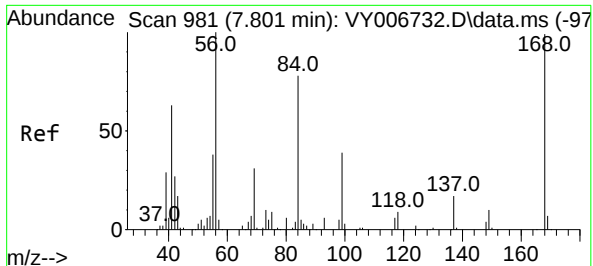
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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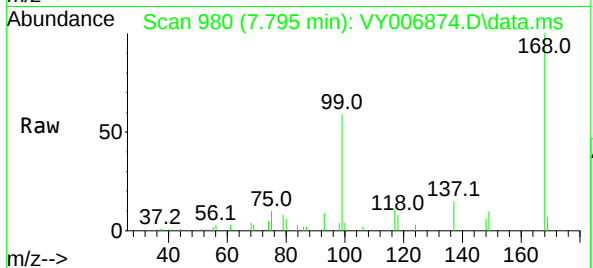
Quant Time: Nov 24 02:05:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 16 04:20:03 2021
Response via : Initial Calibration



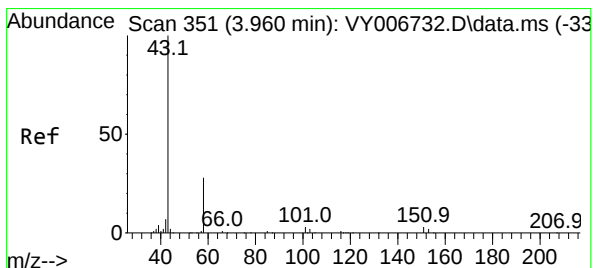
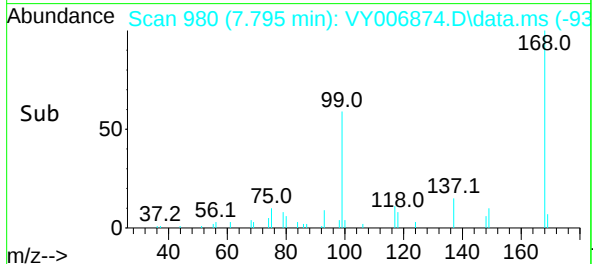
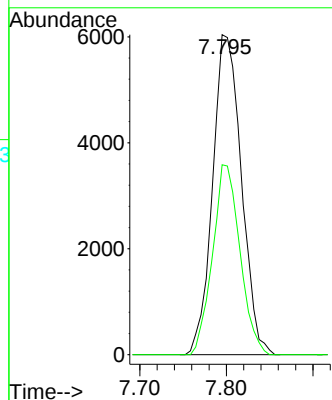


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :

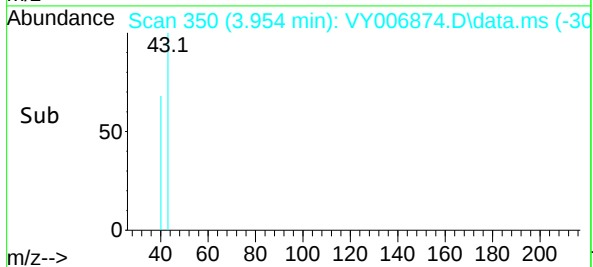
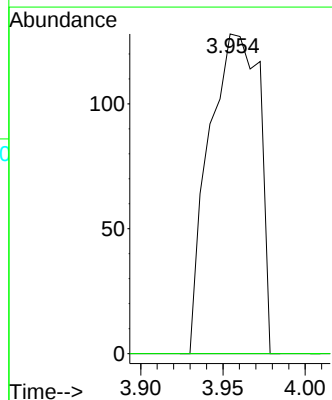
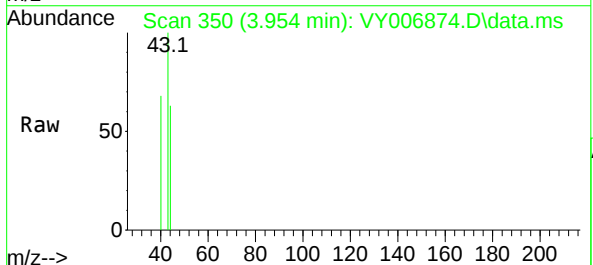


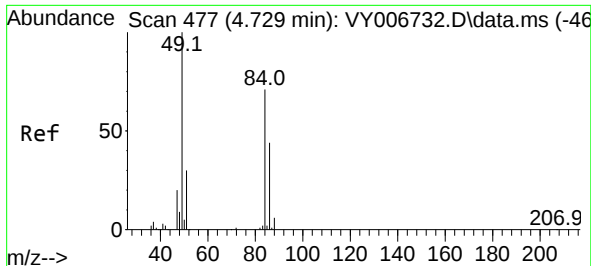
Tgt Ion:168 Resp: 13940
Ion Ratio Lower Upper
168 100
99 59.3 44.8 67.2



#16
Acetone
Concen: 4.900 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

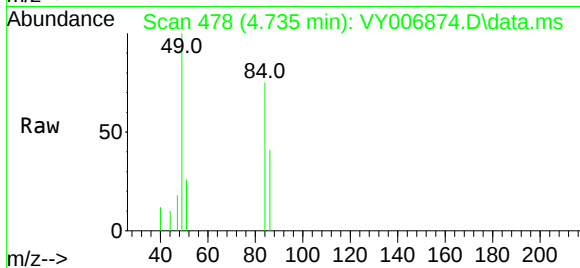
Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



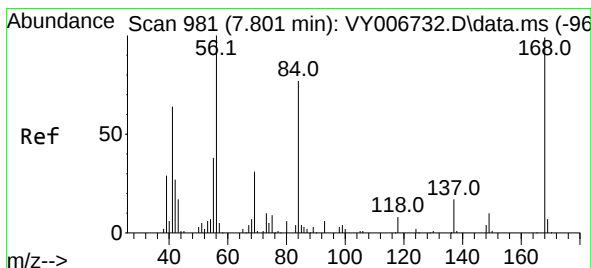
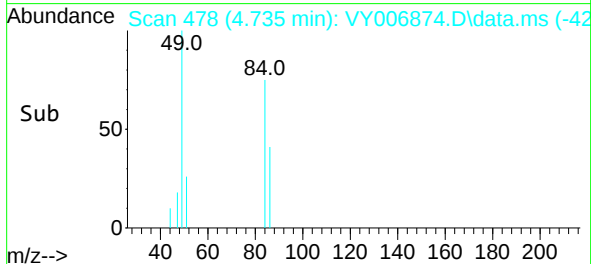
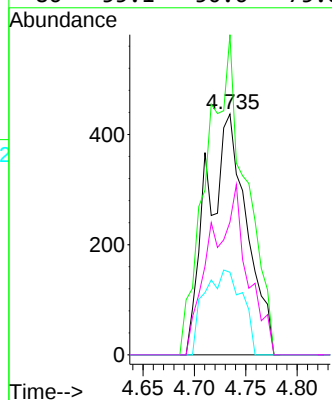


#20
Methylene Chloride
Concen: 3.865 ug/l
RT: 4.735 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :

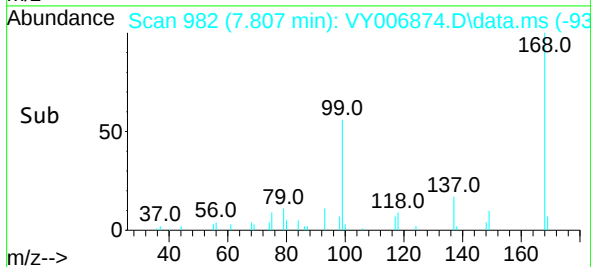
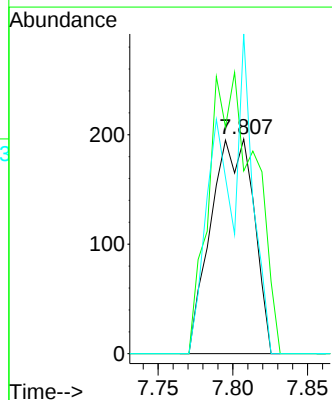
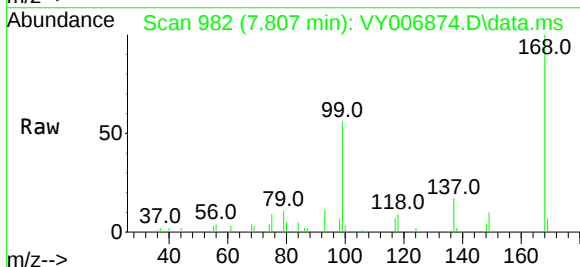


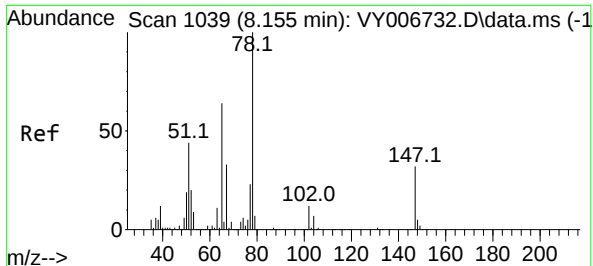
Tgt Ion: 84	Resp: 1164		
Ion	Ratio	Lower	Upper
84	100		
49	133.0	107.8	161.8
51	34.3	32.8	49.2
86	55.1	50.6	75.8



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Tgt Ion: 56	Resp: 392		
Ion Ratio	Lower	Upper	
56 100			
69 85.2	26.6	40.0#	
84 149.0	65.0	97.4#	





#33

1,2-Dichloroethane-d4

Concen: 48.276 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY006874.D

Acq: 23 Nov 2021 17:42

Instrument :

MSVOA_Y

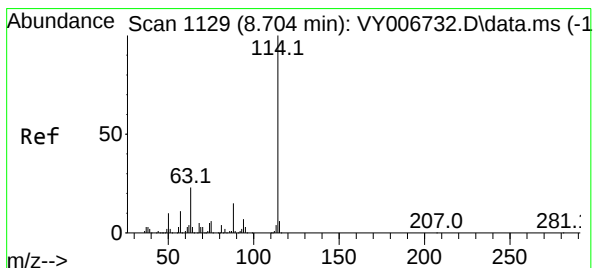
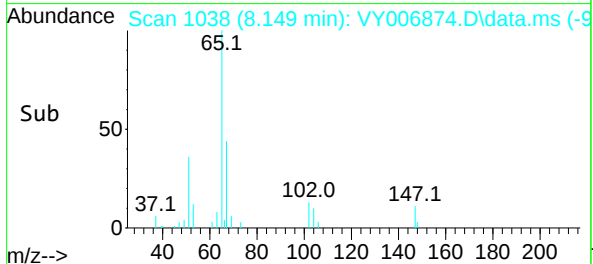
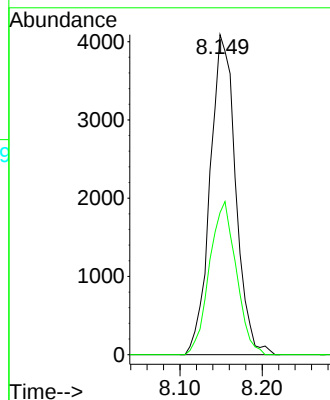
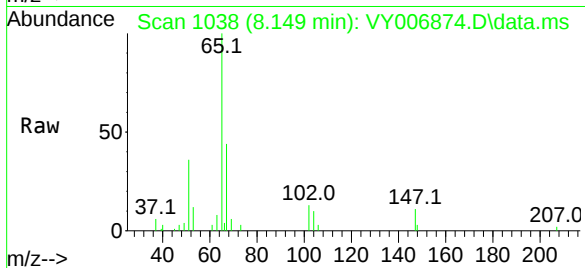
ClientSampleId :

Tgt Ion: 65 Resp: 8820

Ion Ratio Lower Upper

65 100

67 50.1 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY006874.D

Acq: 23 Nov 2021 17:42

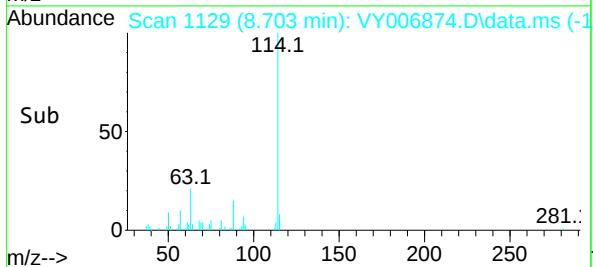
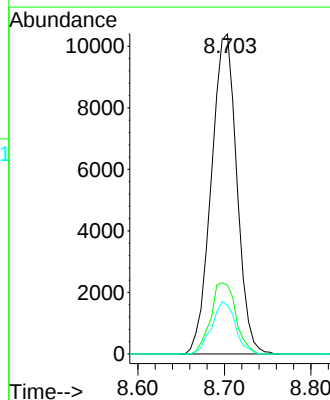
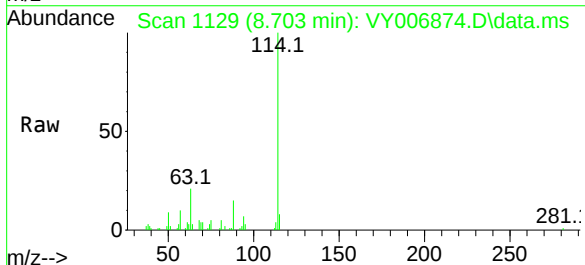
Tgt Ion: 114 Resp: 21250

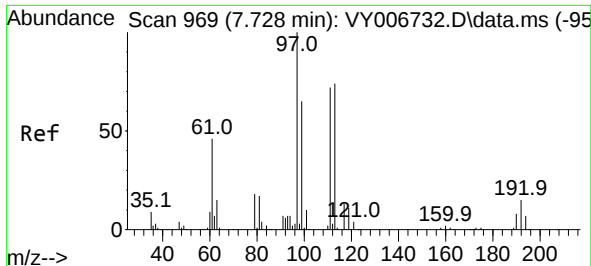
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

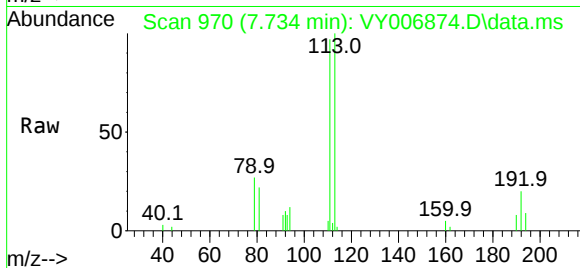
88 15.2 0.0 30.6



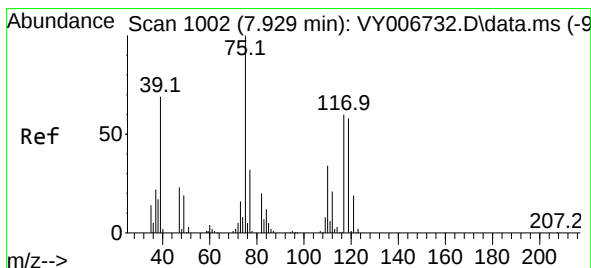
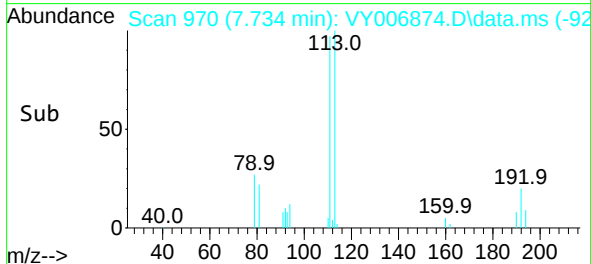
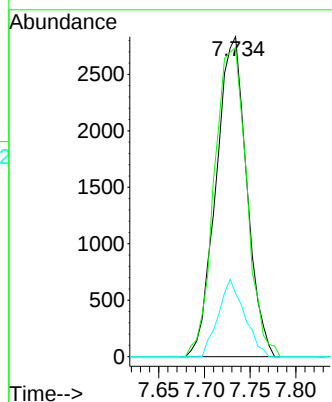


#35
Dibromofluoromethane
Concen: 50.595 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :

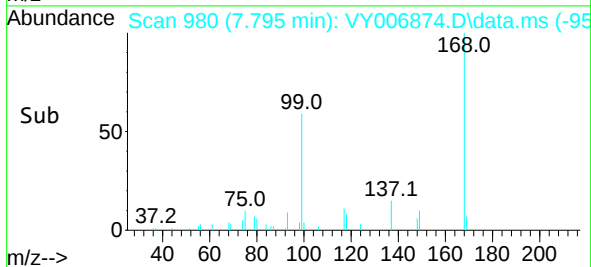
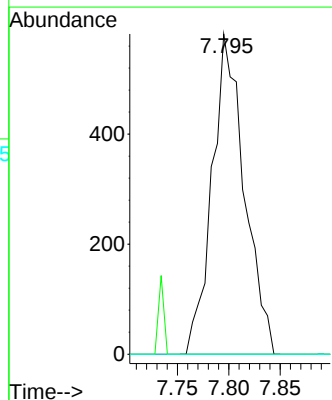
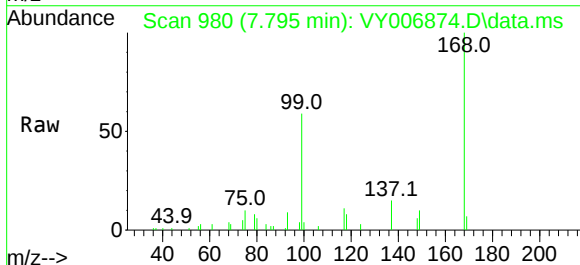


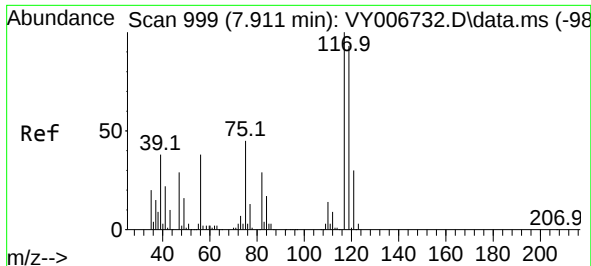
Tgt Ion:113 Resp: 6604
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 20.7 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.507 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

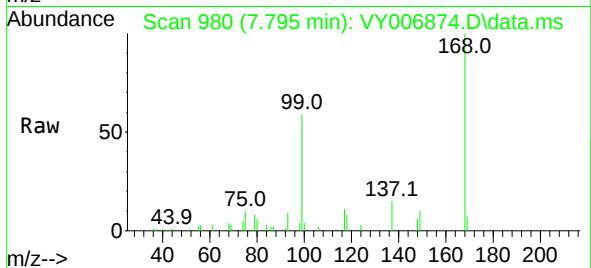
Tgt Ion: 75 Resp: 1272
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#



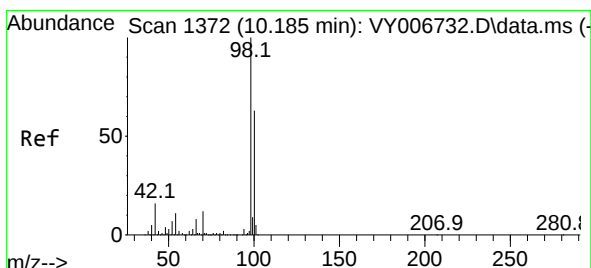
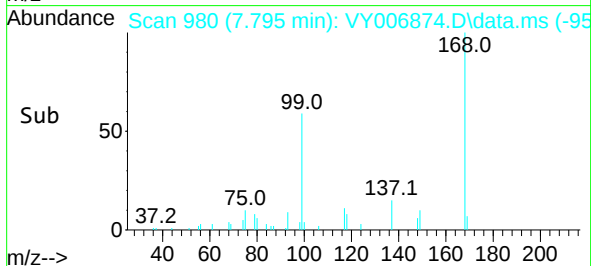
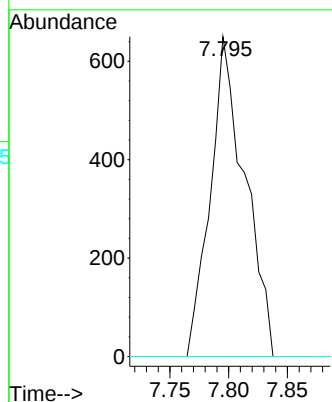


#38
Carbon Tetrachloride
Concen: 5.613 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.116 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :

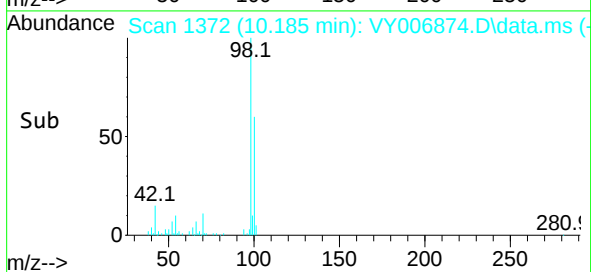
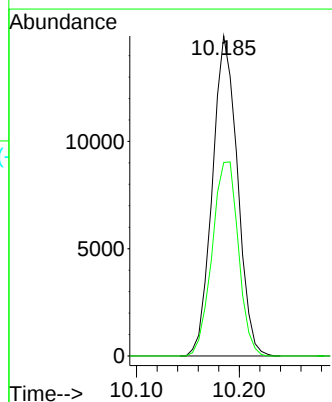
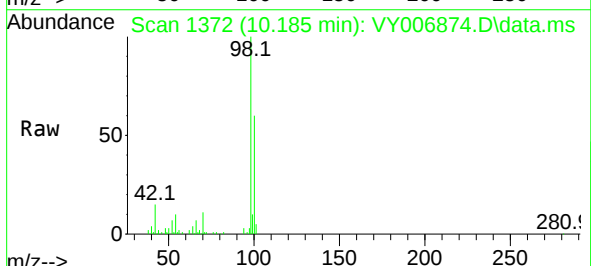


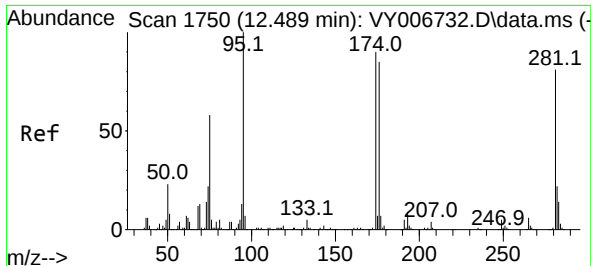
Tgt Ion:117 Resp: 1326
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 46.696 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

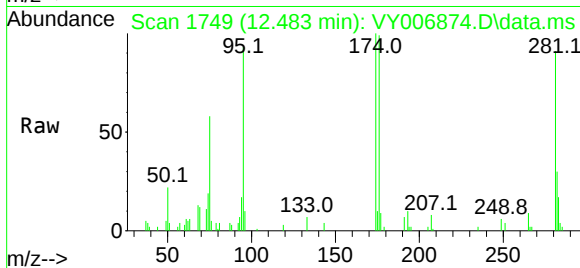
Tgt Ion: 98 Resp: 25222
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



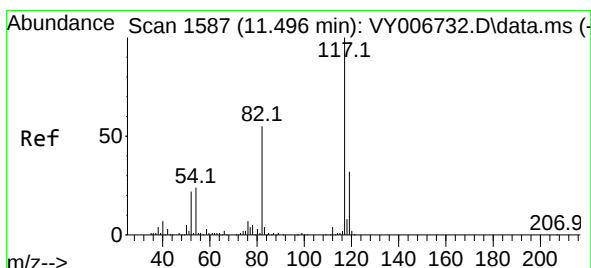
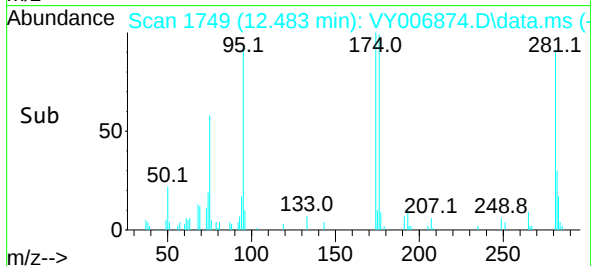
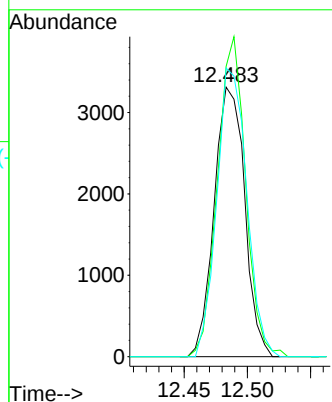


#62
4-Bromofluorobenzene
Concen: 30.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Instrument :
MSVOA_Y
ClientSampleId :

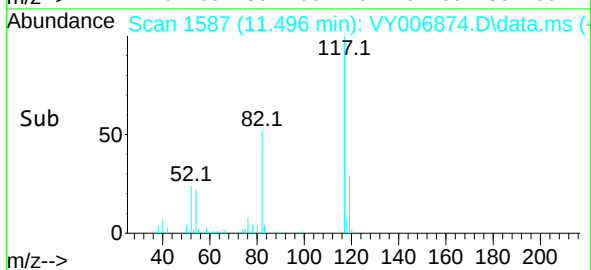
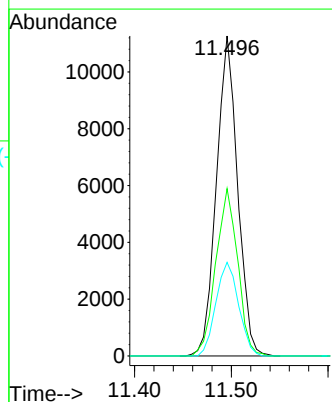
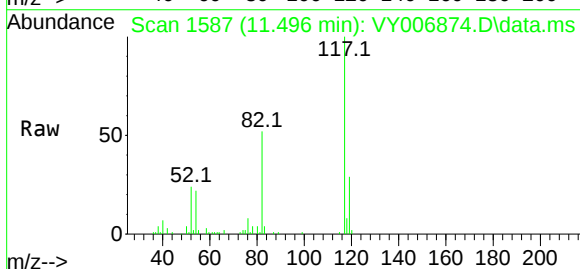


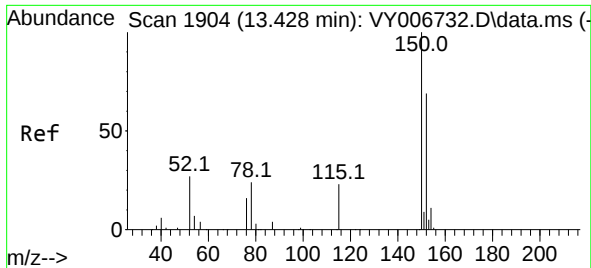
Tgt Ion: 95 Resp: 5542
Ion Ratio Lower Upper
95 100
174 109.7 0.0 177.0
176 105.5 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

Tgt Ion: 117 Resp: 17141
Ion Ratio Lower Upper
117 100
82 52.3 45.7 68.5
119 29.3 25.5 38.3

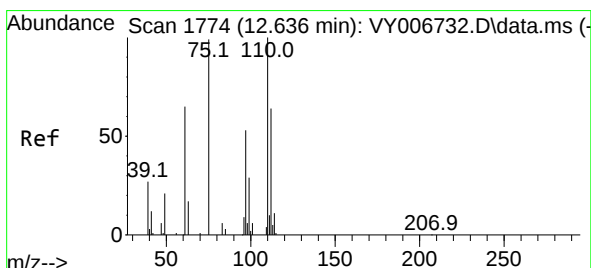
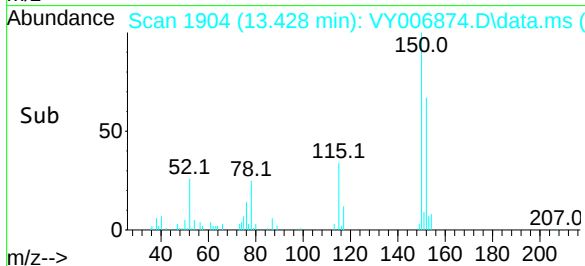
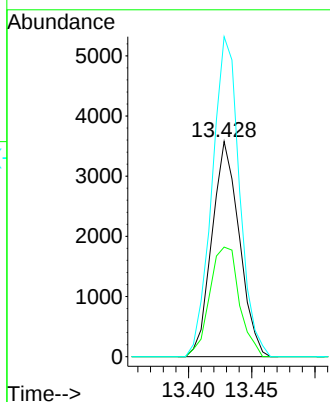
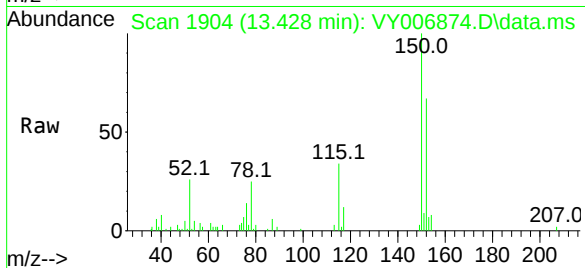




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006874.D
 Acq: 23 Nov 2021 17:42

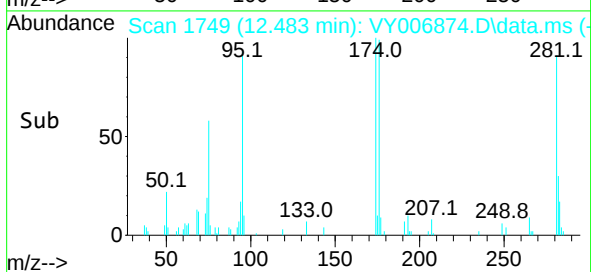
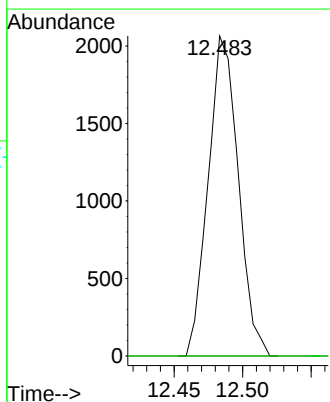
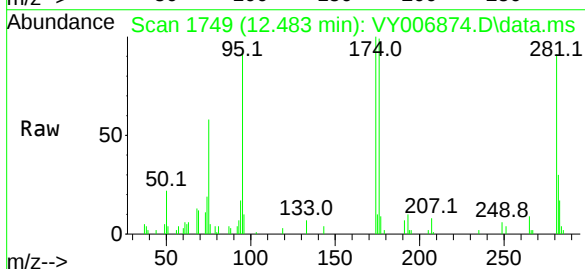
Instrument :
 MSVOA_Y
 ClientSampleId :

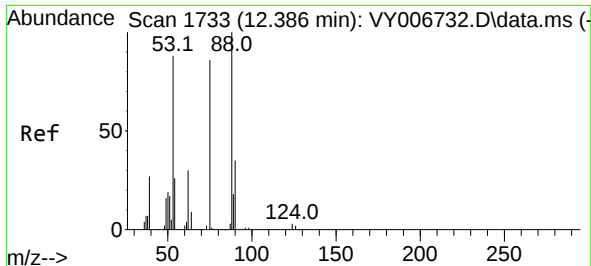
Tgt Ion:152 Resp: 5374
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.5 85.5
 150 149.1 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 53.999 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006874.D
 Acq: 23 Nov 2021 17:42

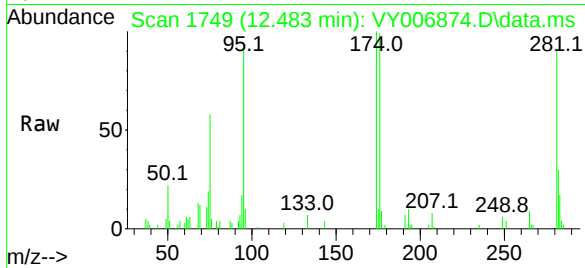
Tgt Ion: 75 Resp: 3155
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0



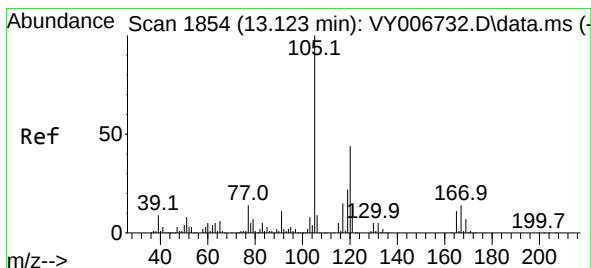
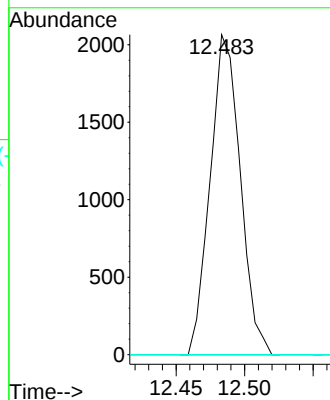
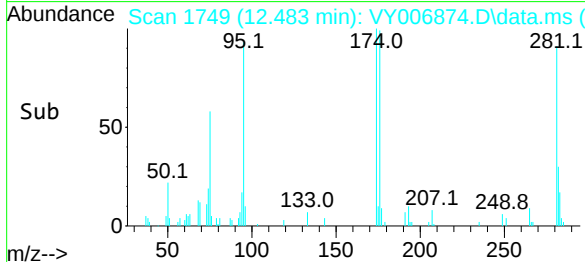


#81
trans-1,4-Dichloro-2-butene
Concen: 106.997 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42

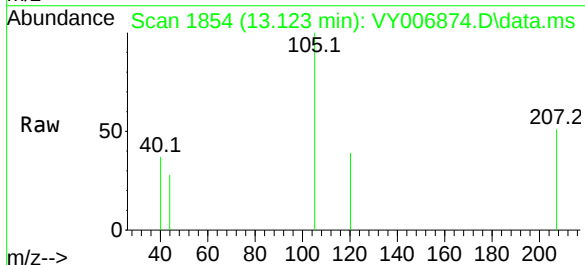
Instrument :
MSVOA_Y
ClientSampleId :



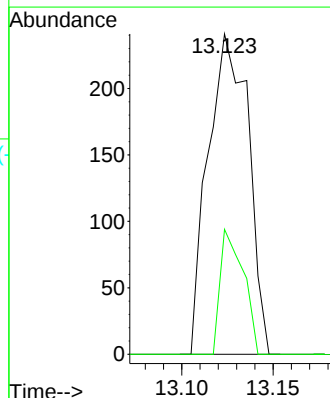
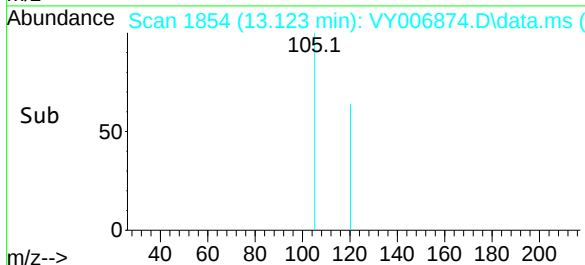
Tgt Ion: 75 Resp: 3155
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

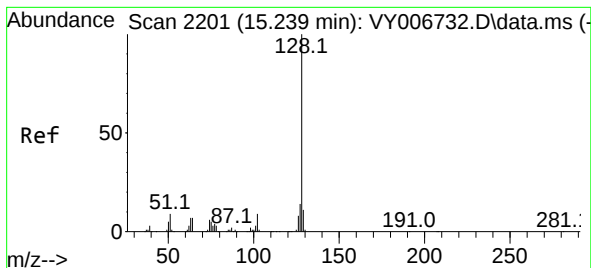


#84
1,2,4-Trimethylbenzene
Concen: 1.102 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY006874.D
Acq: 23 Nov 2021 17:42



Tgt Ion: 105 Resp: 369
Ion Ratio Lower Upper
105 100
120 22.5 22.6 67.8#





#95

Naphthalene

Concen: 2.567 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

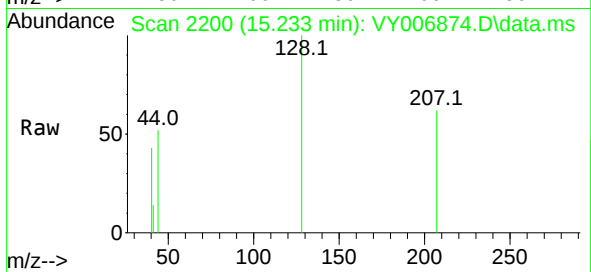
Lab File: VY006874.D

Acq: 23 Nov 2021 17:42

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 497

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.9 13.3#

