

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112221\
 Data File : VY006855.D
 Acq On : 22 Nov 2021 15:53
 Operator : SY/MD
 Sample : M4783-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200033

Quant Time: Nov 23 04:47:58 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)

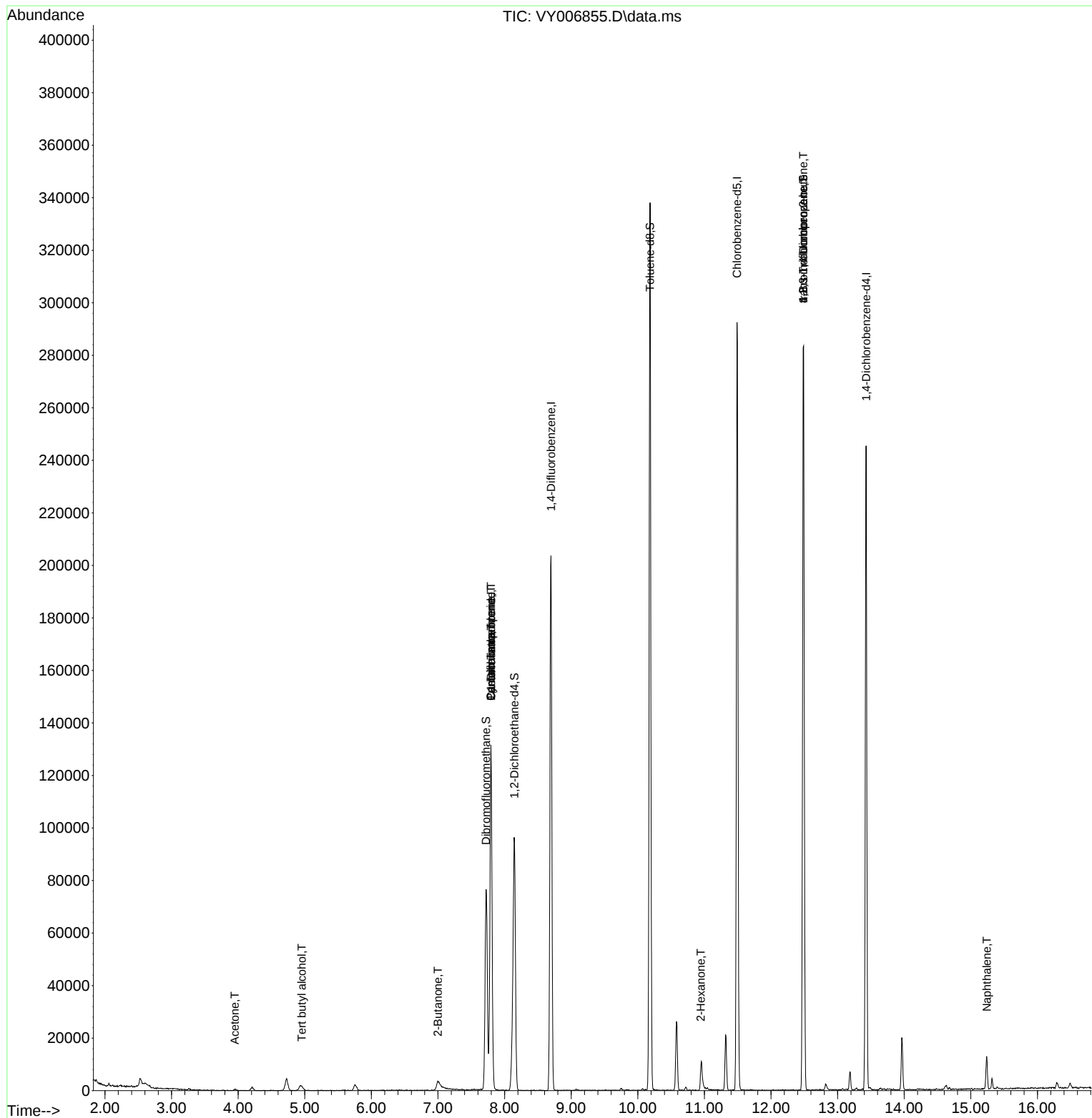
Internal Standards						
1) Pentafluorobenzene	7.795	168	96453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	150604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	73061	57.795	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.600%			
35) Dibromofluoromethane	7.722	113	50916	48.089	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.180%			
50) Toluene-d8	10.185	98	209578	47.834	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.660%			
62) 4-Bromofluorobenzene	12.483	95	61666	41.749	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.500%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	3200	16.832	ug/l #	72
16) Acetone	3.948	43	716	1.864	ug/l #	79
20) Methylene Chloride	4.729	84	3513	Below Cal	#	81
25) 2-Butanone	6.996	43	176	11.801	ug/l #	52
31) Cyclohexane	7.795	56	2316	1.042	ug/l #	5
36) 1,1-Dichloropropene	7.795	75	7898	4.215	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9627	5.023	ug/l #	16
59) 2-Hexanone	10.947	43	151	23.967	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	37620	58.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	37620	116.868	ug/l #	7
95) Naphthalene	15.239	128	9983	4.724	ug/l	99

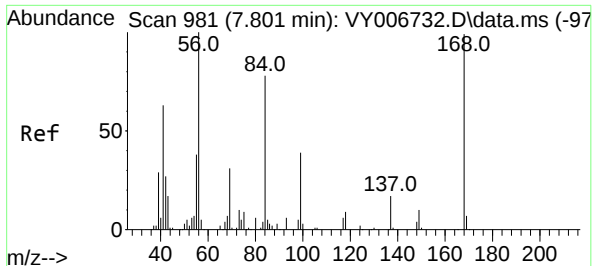
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

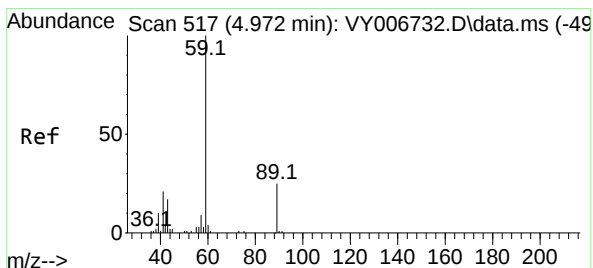
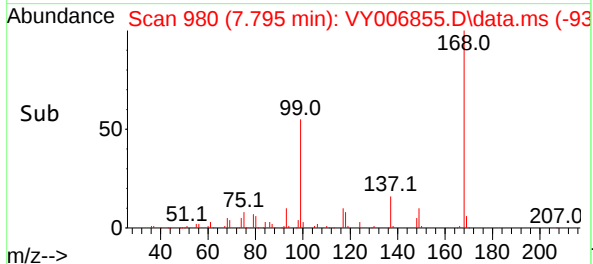
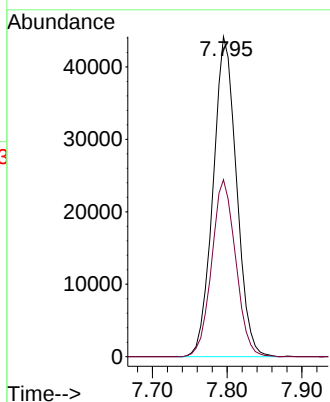
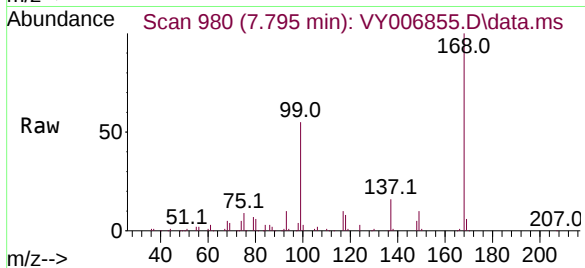




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

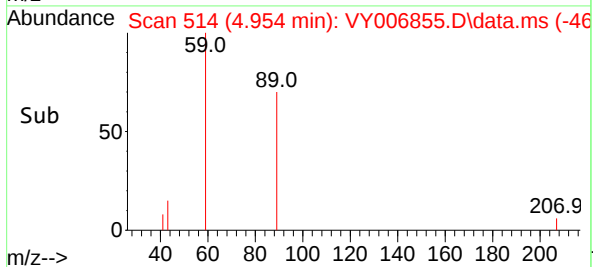
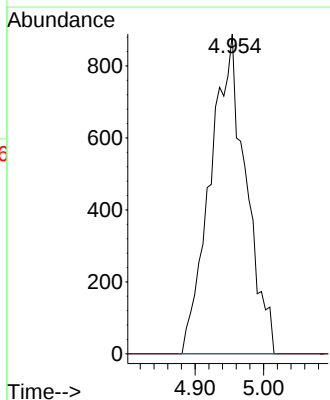
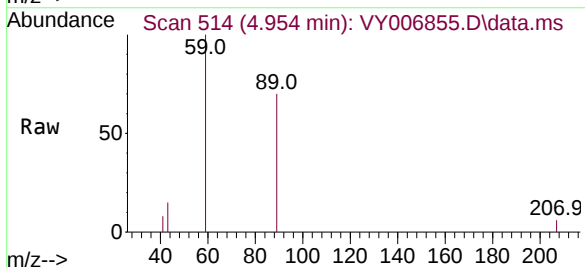
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

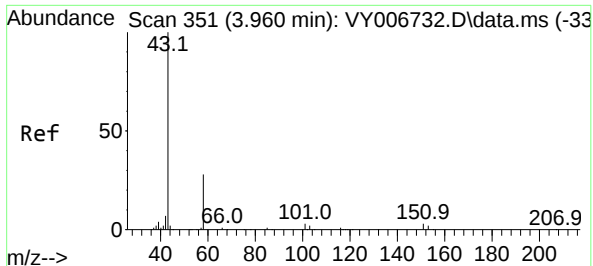
Tgt Ion:168 Resp: 96453
Ion Ratio Lower Upper
168 100
99 55.3 44.8 67.2



#11
Tert butyl alcohol
Concen: 16.832 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion: 59 Resp: 3200
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

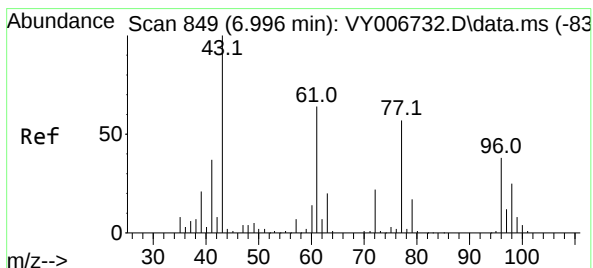
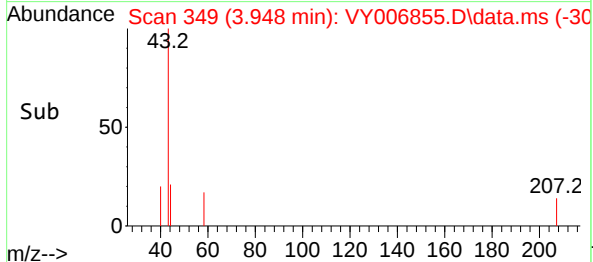
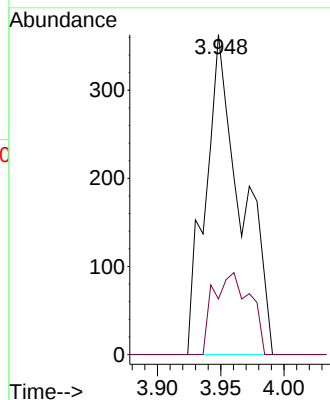
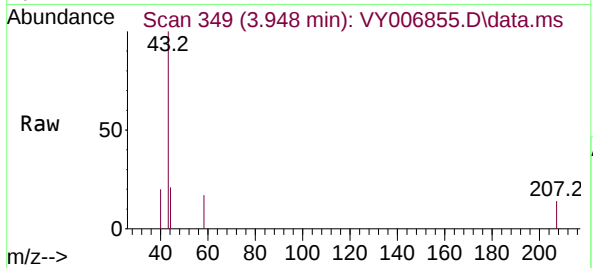




#16
Acetone
Concen: 1.864 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

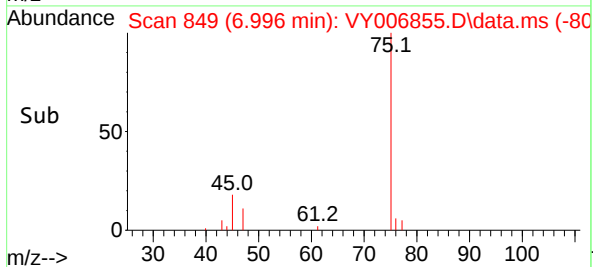
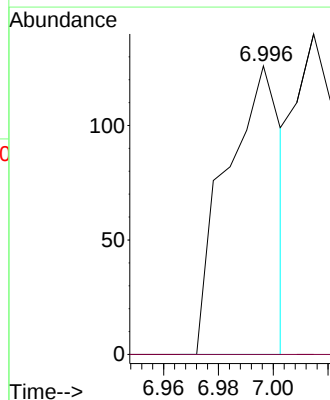
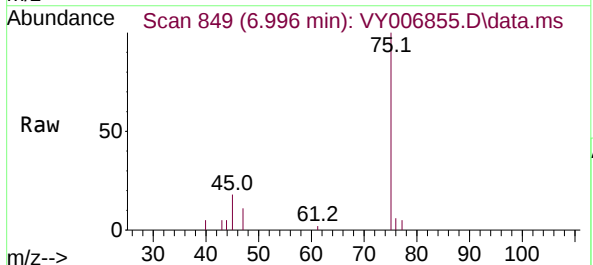
Instrument :
MSVOA_Y
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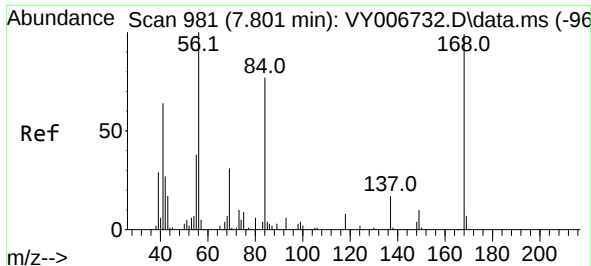
Tgt Ion: 43 Resp: 716
Ion Ratio Lower Upper
43 100
58 17.4 22.9 34.3#



#25
2-Butanone
Concen: 11.801 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion: 43 Resp: 176
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

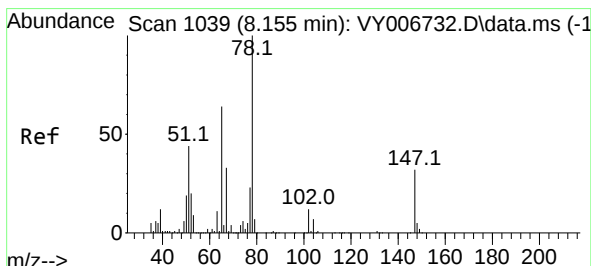
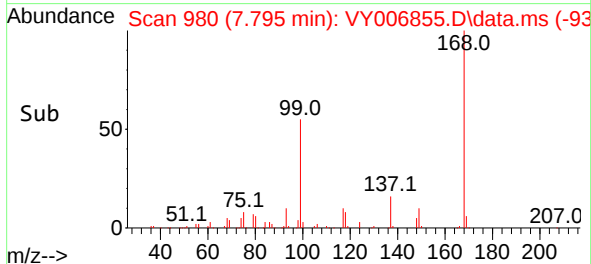
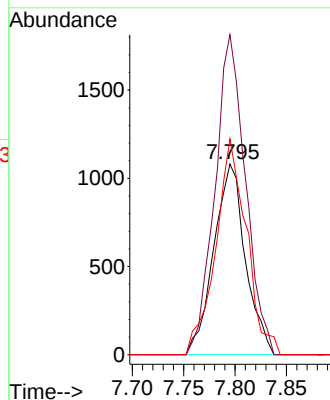
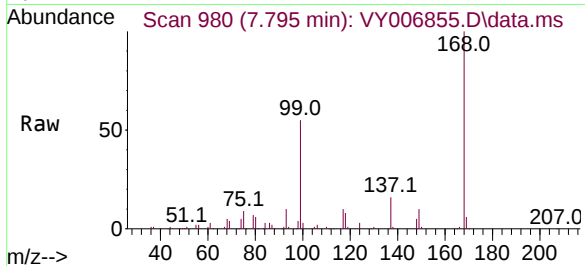




#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

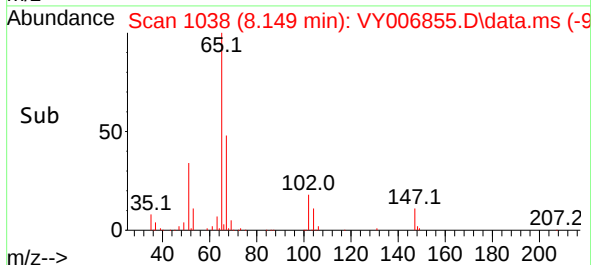
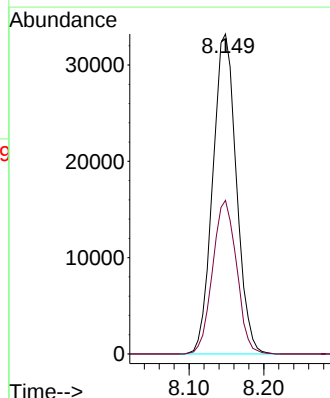
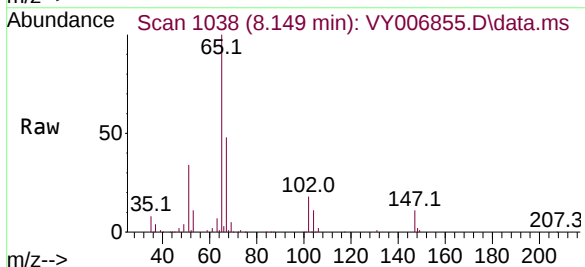
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

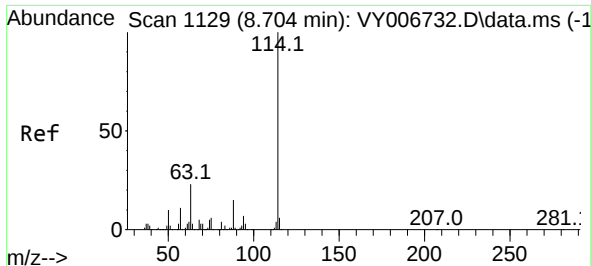
Tgt Ion: 56 Resp: 2316
Ion Ratio Lower Upper
56 100
69 168.0 26.6 40.0#
84 113.3 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 57.795 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion: 65 Resp: 73061
Ion Ratio Lower Upper
65 100
67 48.7 0.0 98.2

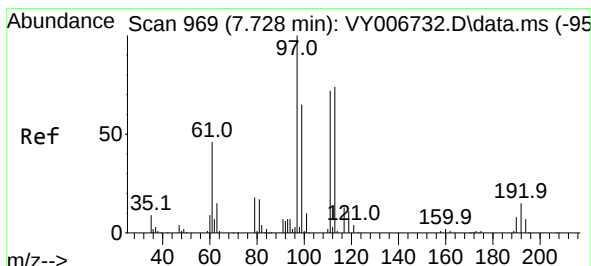
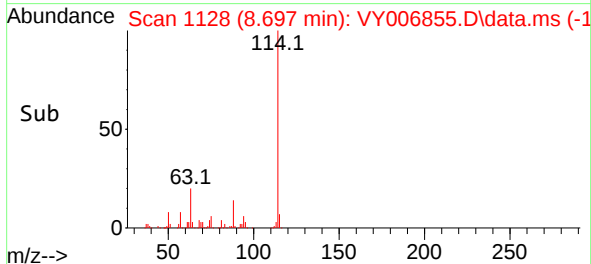
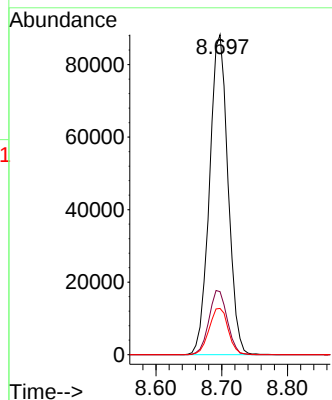
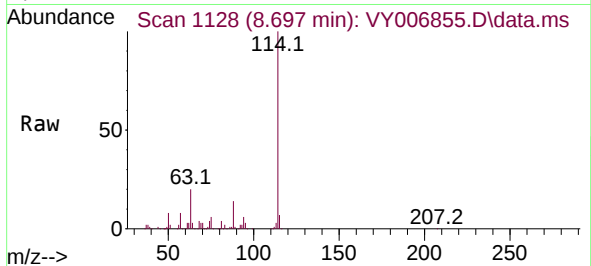




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

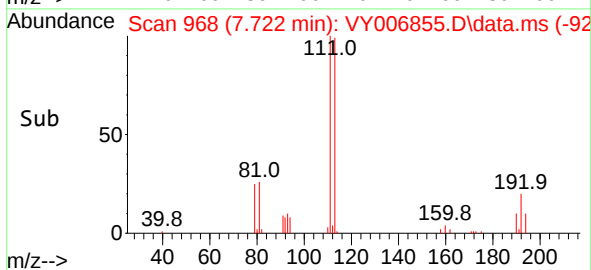
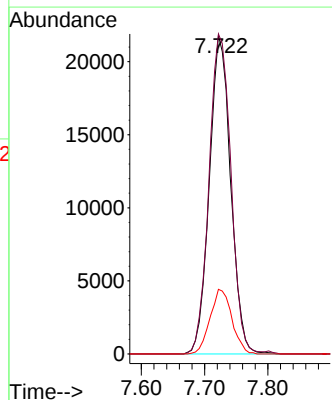
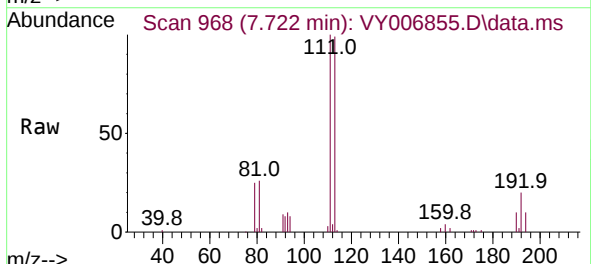
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

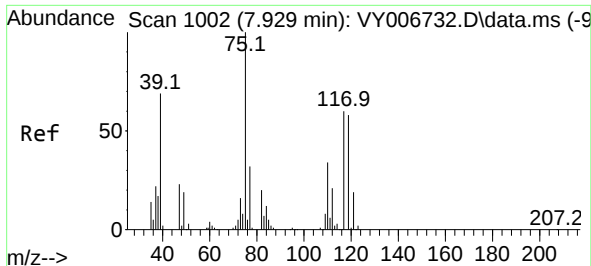
Tgt Ion:114 Resp: 172373
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.089 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion:113 Resp: 50916
Ion Ratio Lower Upper
113 100
111 103.6 82.3 123.5
192 20.8 17.4 26.2





#36

1,1-Dichloropropene

Concen: 4.215 ug/l

RT: 7.795 min Scan# 9

Delta R.T. -0.134 min

Lab File: VY006855.D

Acq: 22 Nov 2021 15:53

Instrument :

MSVOA_Y

ClientSampleId :

RBR-200033

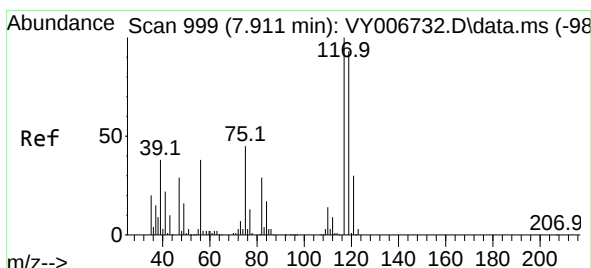
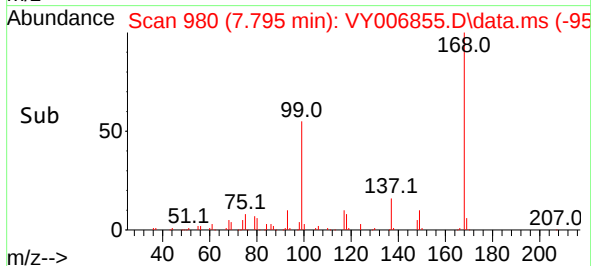
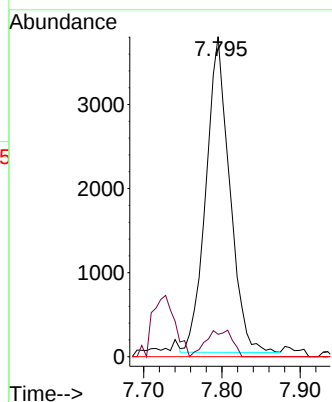
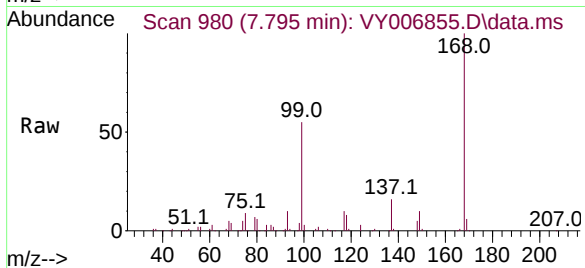
Tgt Ion: 75 Resp: 7898

Ion Ratio Lower Upper

75 100

110 9.3 17.1 51.3#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.023 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY006855.D

Acq: 22 Nov 2021 15:53

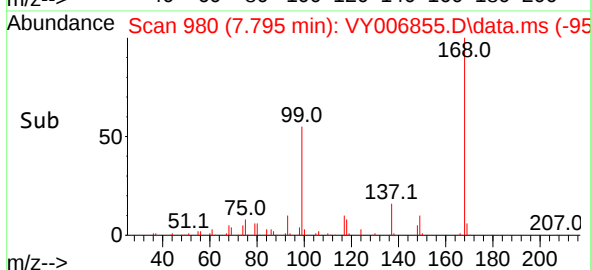
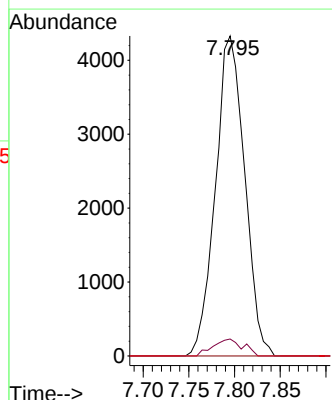
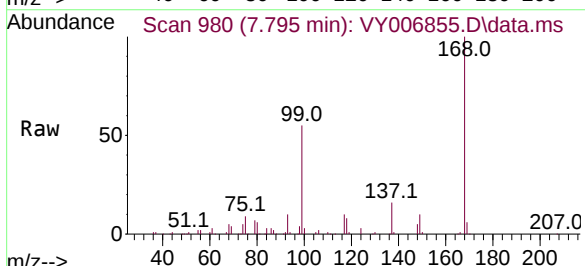
Tgt Ion: 117 Resp: 9627

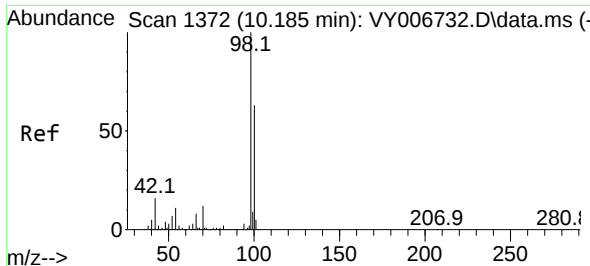
Ion Ratio Lower Upper

117 100

119 5.3 76.6 115.0#

121 0.0 24.7 37.1#

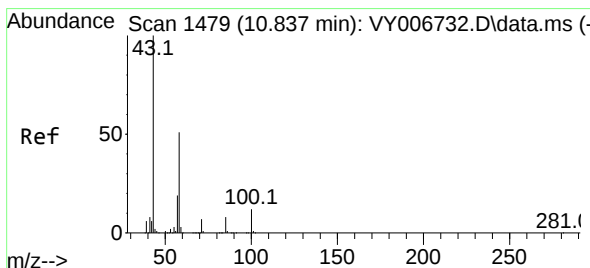
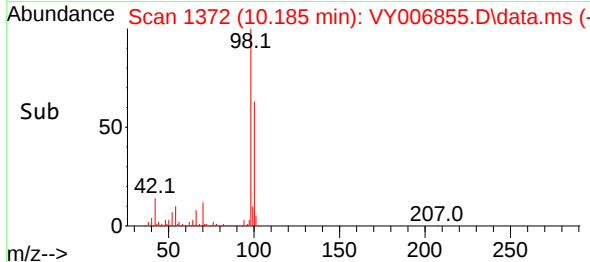
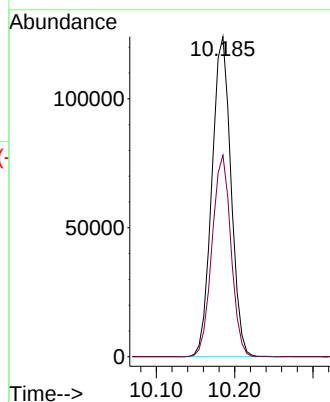
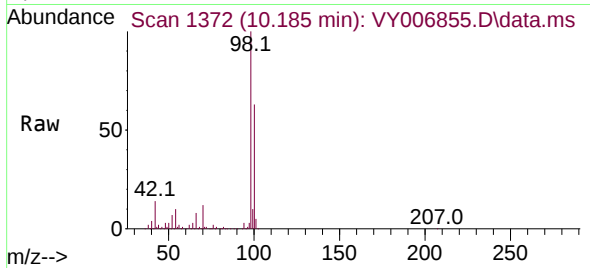




#50
Toluene-d8
Concen: 47.834 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

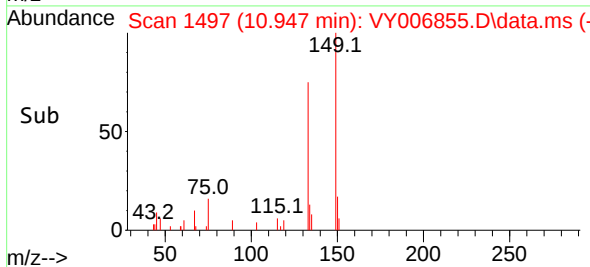
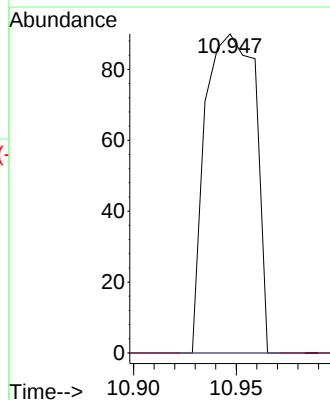
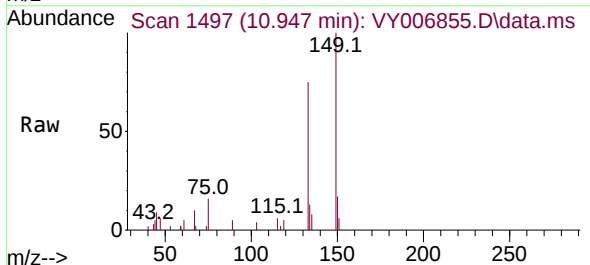
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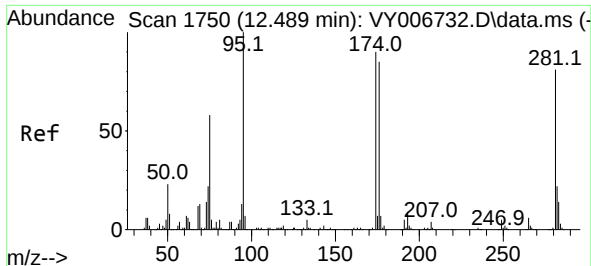
Tgt Ion: 98 Resp: 209578
Ion Ratio Lower Upper
98 100
100 62.5 50.9 76.3



#59
2-Hexanone
Concen: 23.967 ug/l
RT: 10.947 min Scan# 1497
Delta R.T. 0.110 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

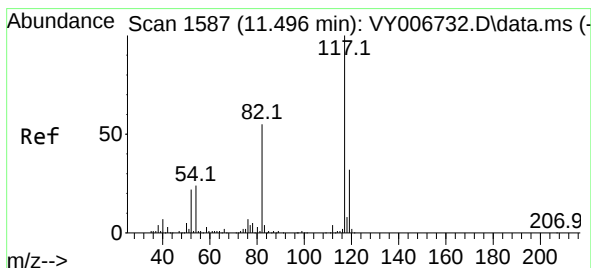
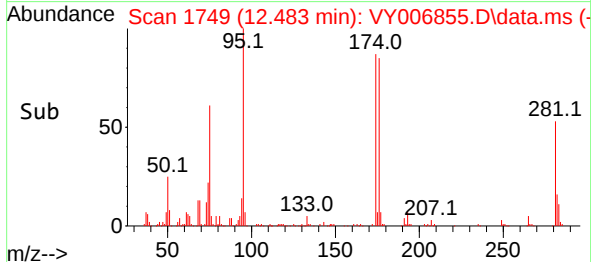
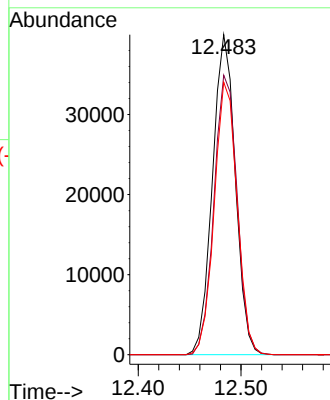
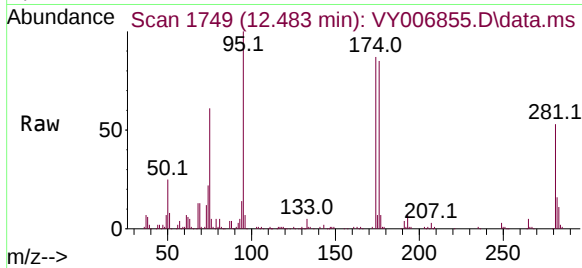




#62
4-Bromofluorobenzene
Concen: 41.749 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

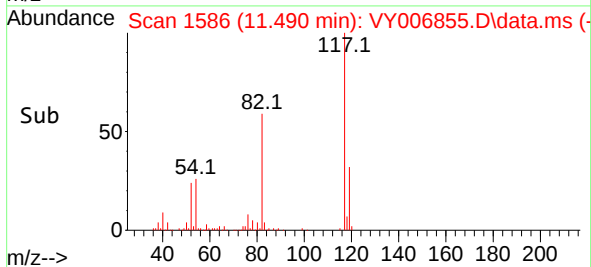
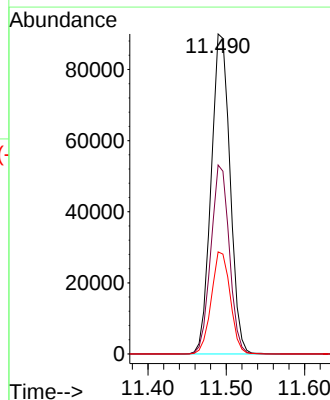
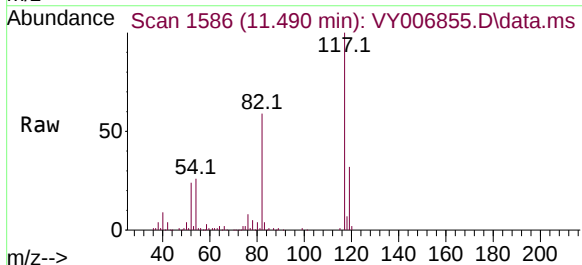
Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

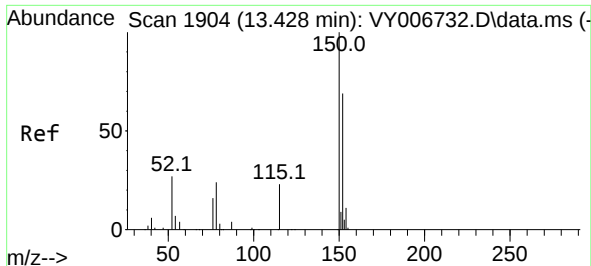
Tgt Ion: 95 Resp: 61666
Ion Ratio Lower Upper
95 100
174 88.3 0.0 177.0
176 85.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion: 117 Resp: 150604
Ion Ratio Lower Upper
117 100
82 59.1 45.7 68.5
119 31.9 25.5 38.3

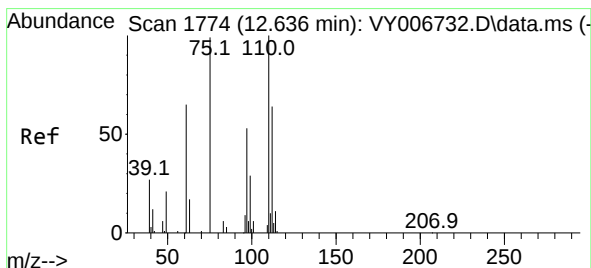
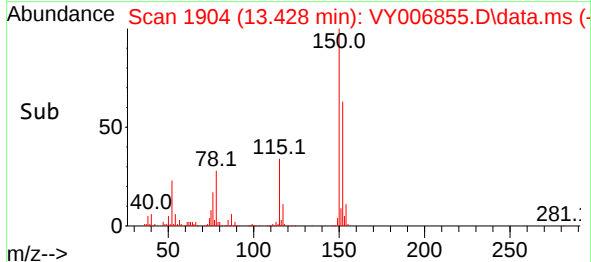
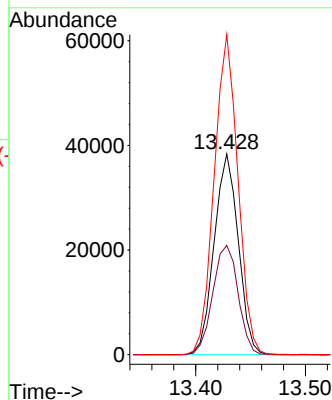
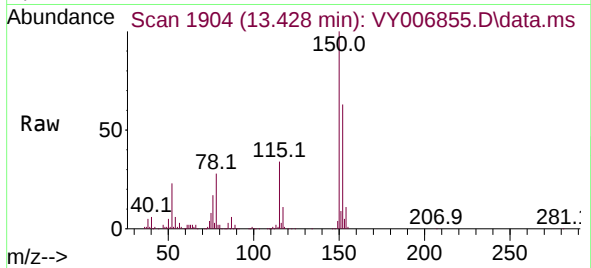




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006855.D
 Acq: 22 Nov 2021 15:53

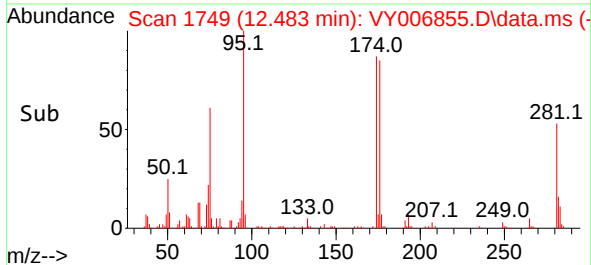
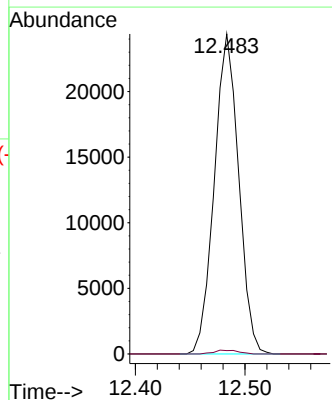
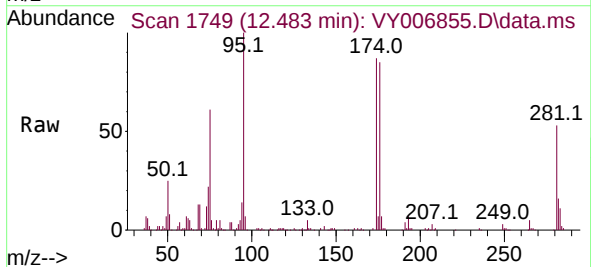
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-200033

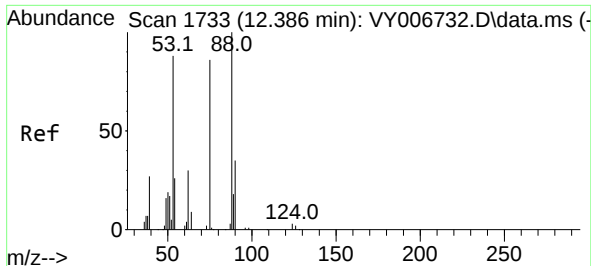
Tgt Ion:152 Resp: 58667
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.5 85.5
 150 157.0 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 58.980 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006855.D
 Acq: 22 Nov 2021 15:53

Tgt Ion: 75 Resp: 37620
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

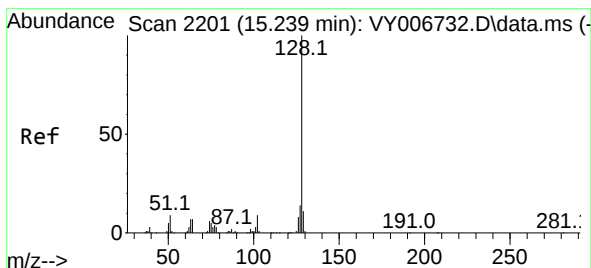
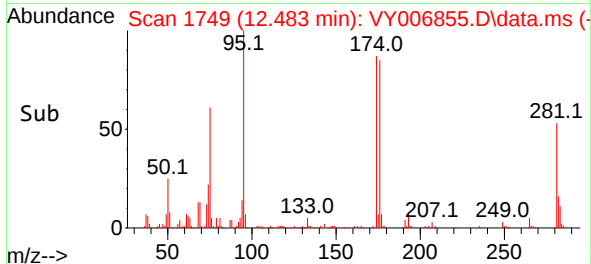
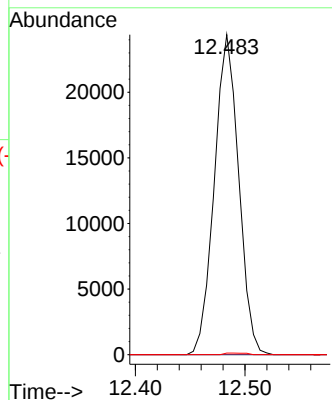
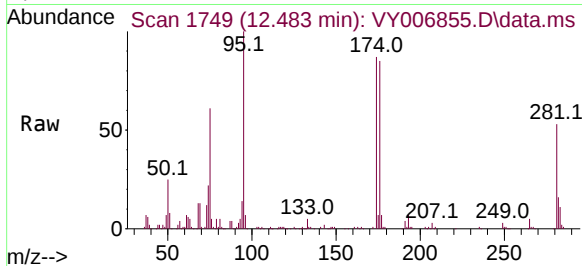




#81
trans-1,4-Dichloro-2-butene
Concen: 116.868 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Instrument :
MSVOA_Y
ClientSampleId :
RBR-200033

Tgt Ion: 75 Resp: 37620
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.5 39.3 58.9#



#95
Naphthalene
Concen: 4.724 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY006855.D
Acq: 22 Nov 2021 15:53

Tgt Ion:128 Resp: 9983
Ion Ratio Lower Upper
128 100
127 14.1 11.0 16.4
129 11.2 8.9 13.3

