

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011022\
 Data File : VY007107.D
 Acq On : 10 Jan 2022 17:23
 Operator : SY/MD
 Sample : N1066-01
 Misc : 7.23g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-5-(9-9.5)-1-5-22

Quant Time: Jan 11 02:43:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

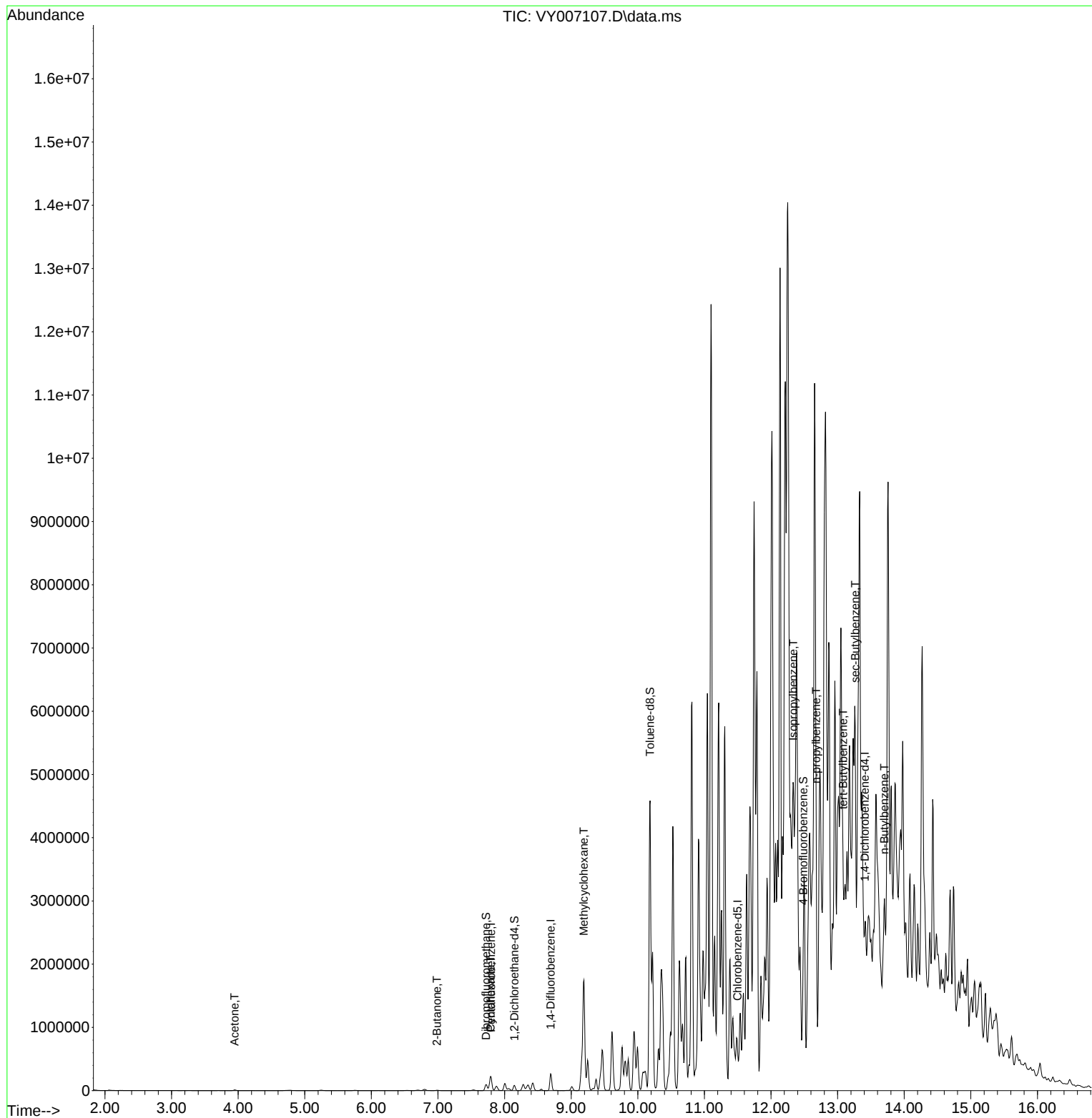
Internal Standards						
1) Pentafluorobenzene	7.795	168	126671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221728	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	104690	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.410	152	57634	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	68031	44.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.780%
35) Dibromofluoromethane	7.722	113	71821	48.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.185	98	455640	83.473	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	166.940%#
62) 4-Bromofluorobenzene	12.483	95	252017	128.016	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	256.040%#
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	20234	71.167	ug/l	96
25) 2-Butanone	6.984	43	7791	17.734	ug/l	97
31) Cyclohexane	7.789	56	37654	14.436	ug/l	96
39) Methylcyclohexane	9.191	83	724959	247.552	ug/l	96
73) Isopropylbenzene	12.337	105	682877	139.248	ug/l	100
78) n-propylbenzene	12.678	91	1257618	209.917	ug/l	99
83) tert-Butylbenzene	13.081	119	106680	30.028	ug/l	77
85) sec-Butylbenzene	13.264	105	1213514	234.403	ug/l	84
89) n-Butylbenzene	13.703	91	406759	98.394	ug/l	95

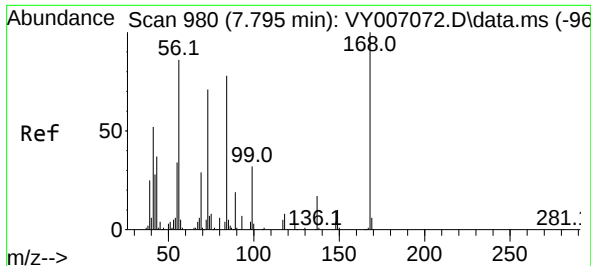
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DB-5-(9-9.5)-1-5-22

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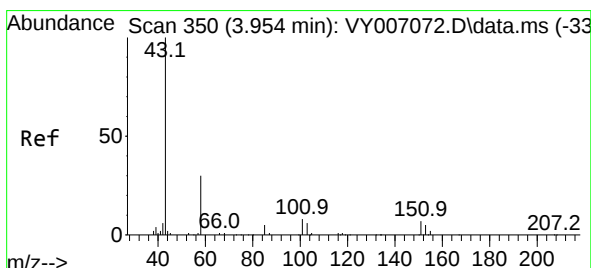
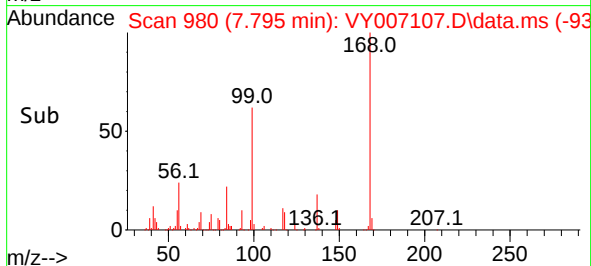
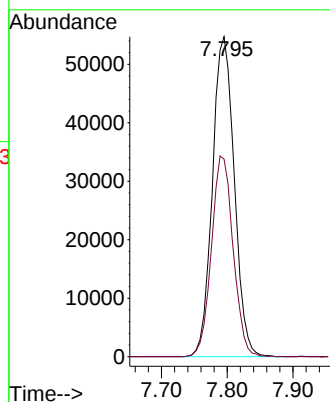
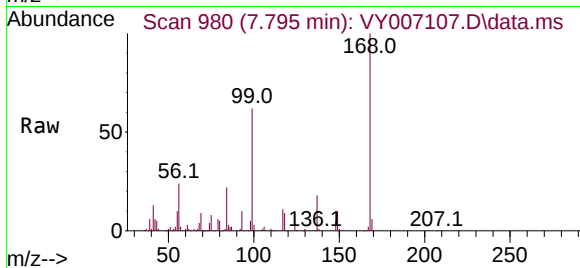




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

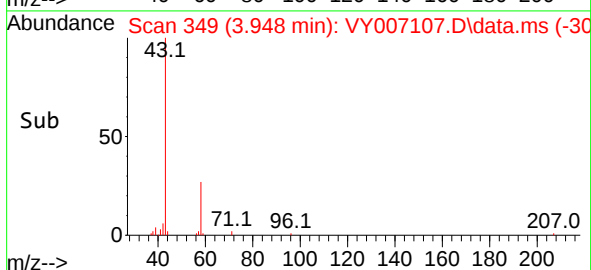
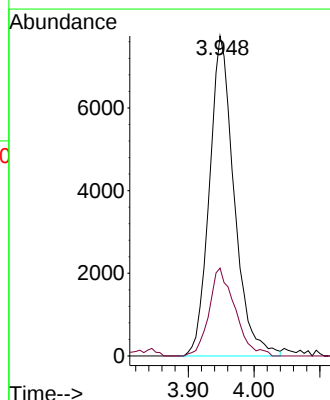
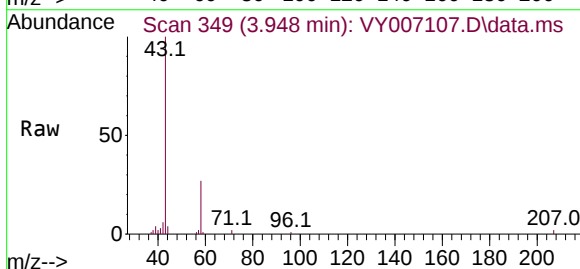
Instrument :
MSVOA_Y
ClientSampleId :
DB-5-(9-9.5)-1-5-22

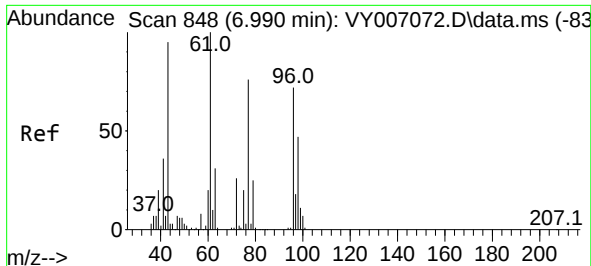
Tgt Ion:168 Resp: 126671
Ion Ratio Lower Upper
168 100
99 61.8 49.1 73.7



#16
Acetone
Concen: 71.167 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

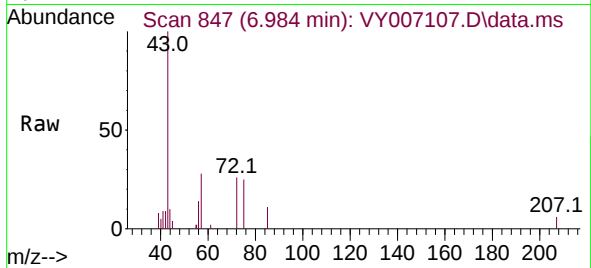
Tgt Ion: 43 Resp: 20234
Ion Ratio Lower Upper
43 100
58 27.5 23.8 35.6



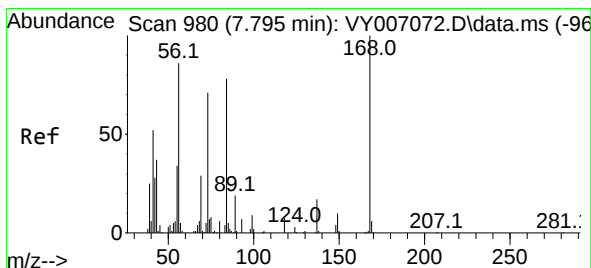
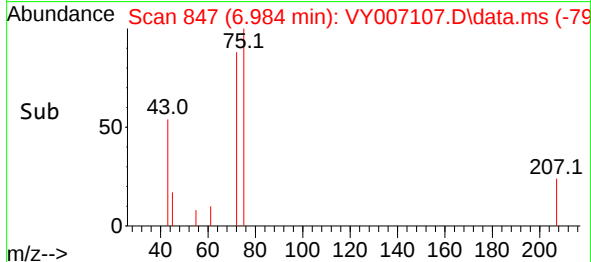
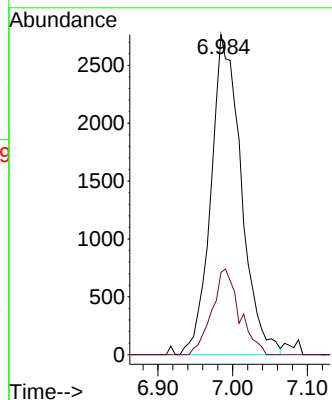


#25
2-Butanone
Concen: 17.734 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

Instrument :
MSVOA_Y
ClientSampleId :
DB-5-(9-9.5)-1-5-22

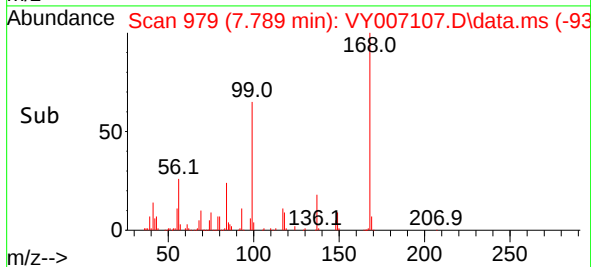
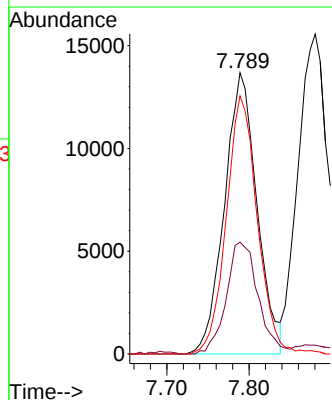
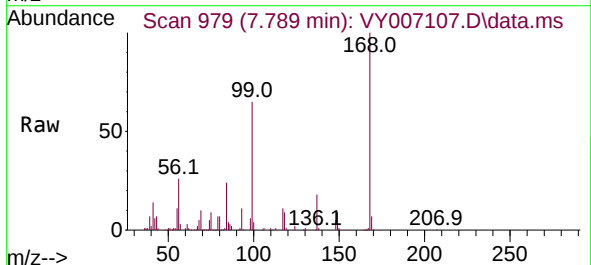


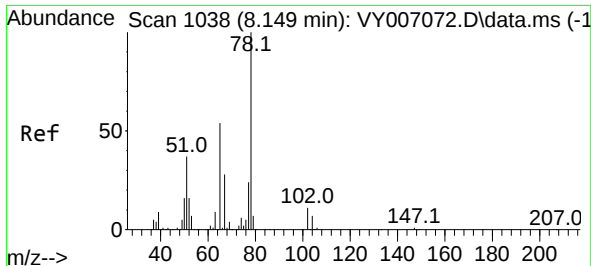
Tgt Ion: 43 Resp: 7791
Ion Ratio Lower Upper
43 100
72 25.7 21.9 32.9



#31
Cyclohexane
Concen: 14.436 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

Tgt Ion: 56 Resp: 37654
Ion Ratio Lower Upper
56 100
69 39.8 27.2 40.8
84 91.8 72.1 108.1

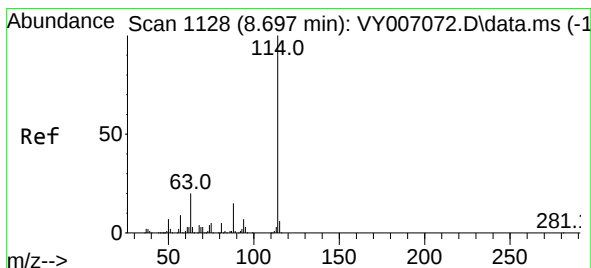
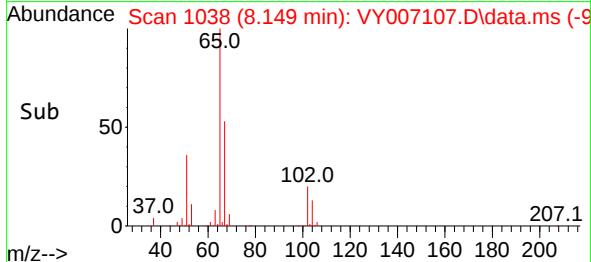
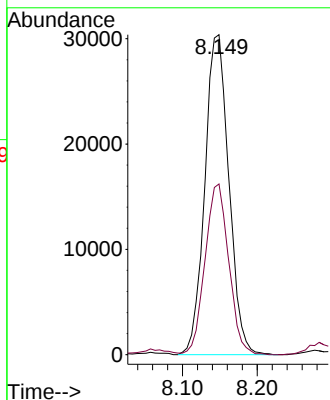
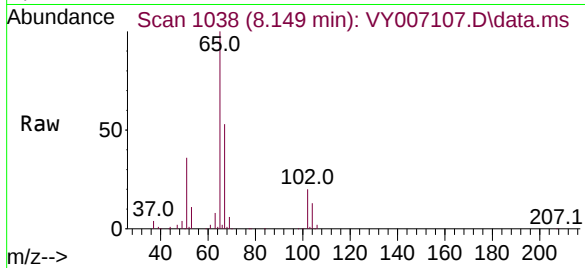




#33
 1,2-Dichloroethane-d4
 Concen: 44.893 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY007107.D
 Acq: 10 Jan 2022 17:23

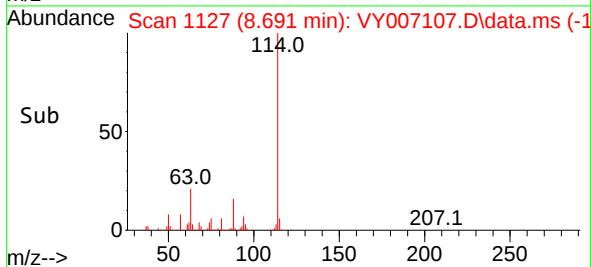
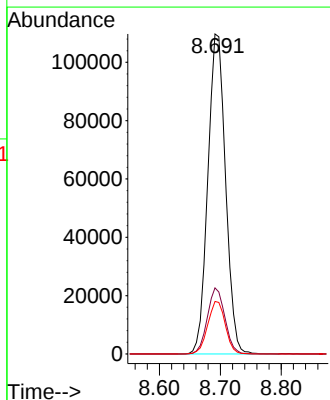
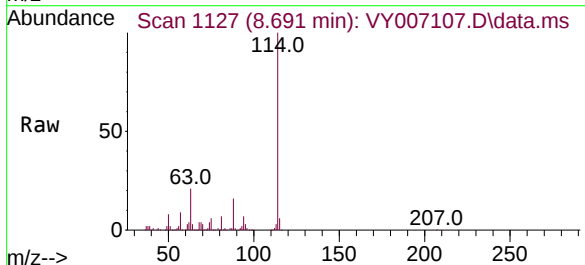
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-5-(9-9.5)-1-5-22

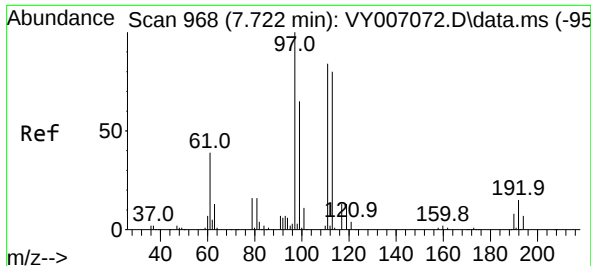
Tgt Ion: 65 Resp: 68031
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY007107.D
 Acq: 10 Jan 2022 17:23

Tgt Ion: 114 Resp: 221728
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.2
 88 16.4 0.0 31.0

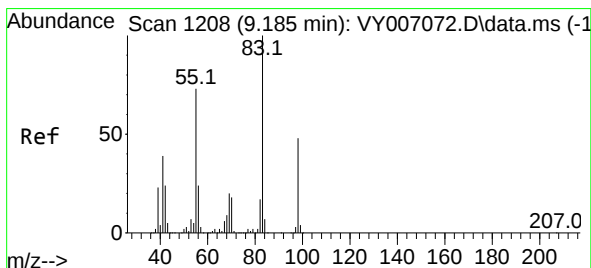
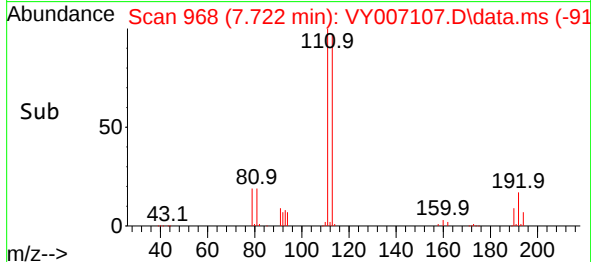
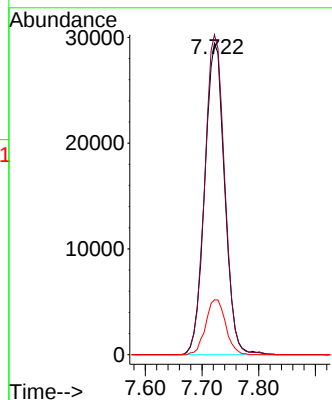
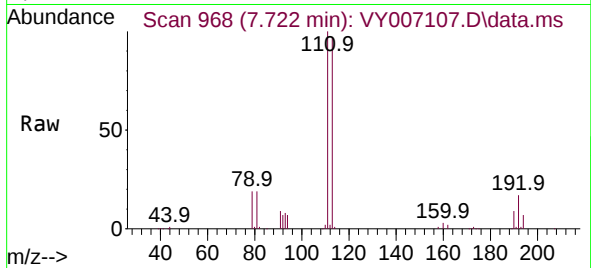




#35
Dibromofluoromethane
Concen: 48.601 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

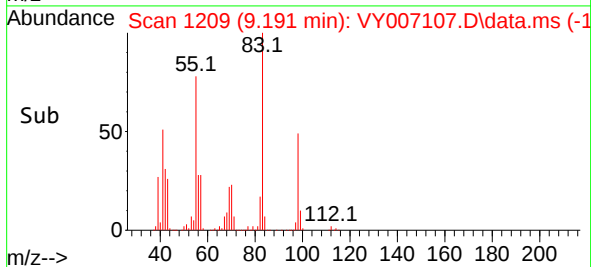
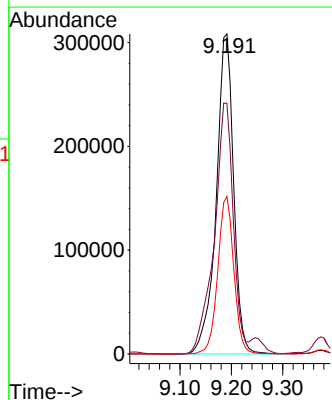
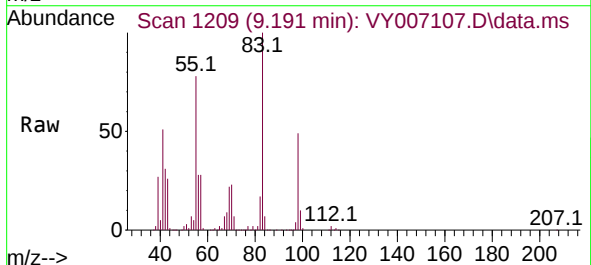
Instrument :
MSVOA_Y
ClientSampleId :
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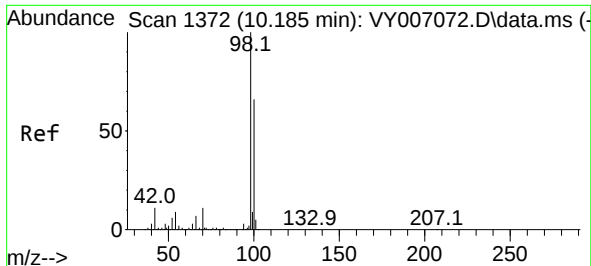
Tgt Ion:113 Resp: 71821
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.7 14.2 21.4



#39
Methylcyclohexane
Concen: 247.552 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

Tgt Ion: 83 Resp: 724959
Ion Ratio Lower Upper
83 100
55 78.3 58.8 88.2
98 49.2 38.7 58.1

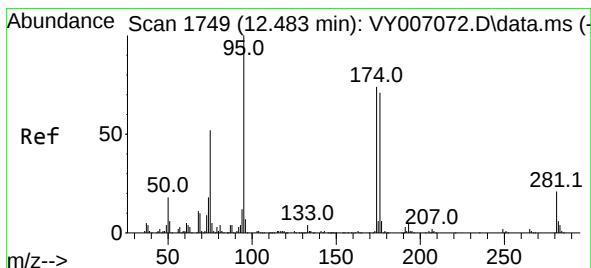
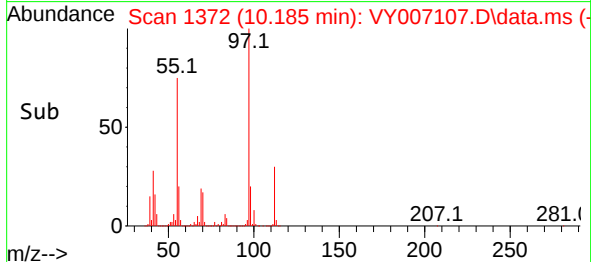
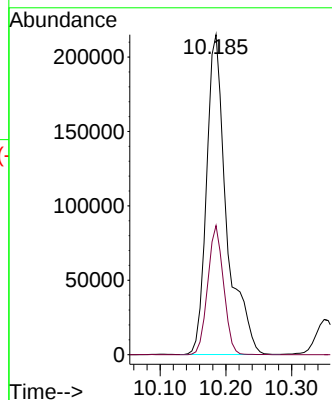
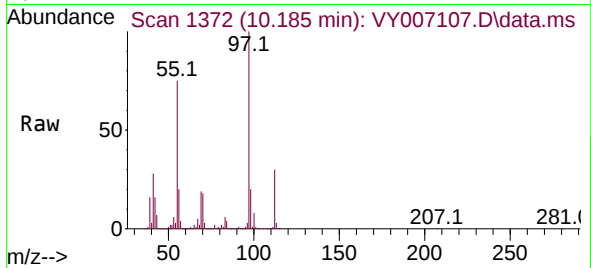




#50
Toluene-d8
Concen: 83.473 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

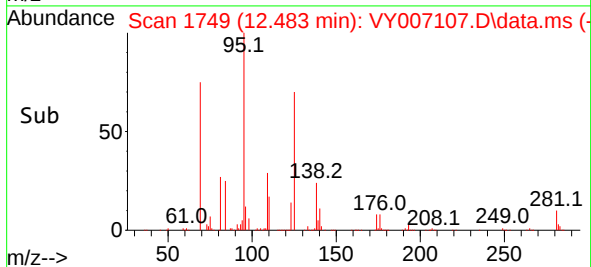
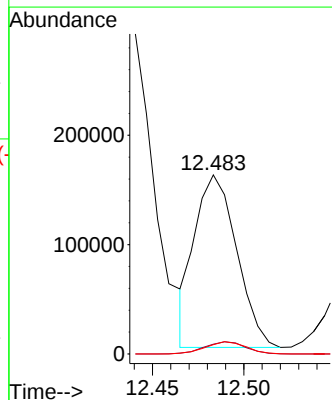
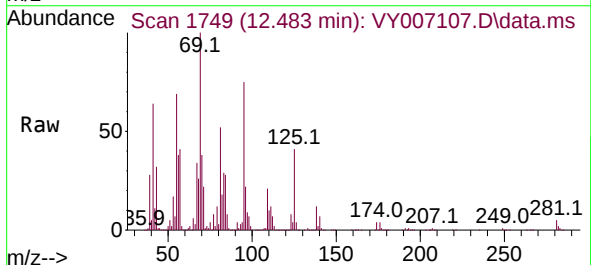
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ClientSampleId :
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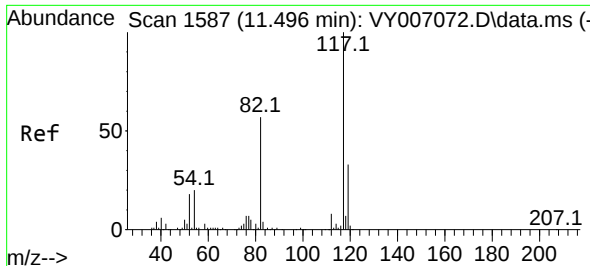
Tgt Ion: 98 Resp: 455640
Ion Ratio Lower Upper
98 100
100 31.9 52.2 78.2#



#62
4-Bromofluorobenzene
Concen: 128.016 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

Tgt Ion: 95 Resp: 252017
Ion Ratio Lower Upper
95 100
174 6.9 0.0 148.4
176 6.9 0.0 146.6

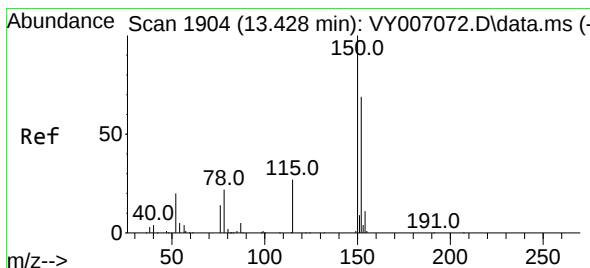
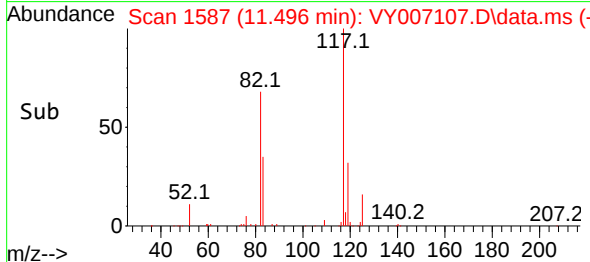
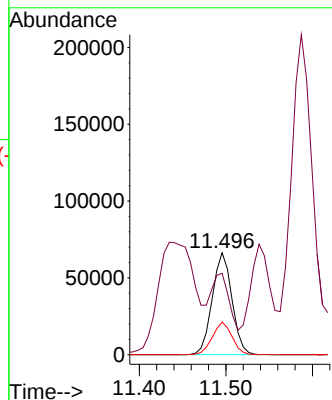
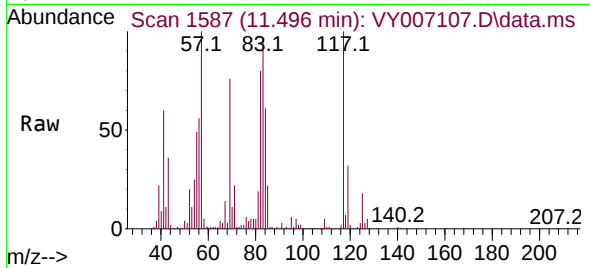




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

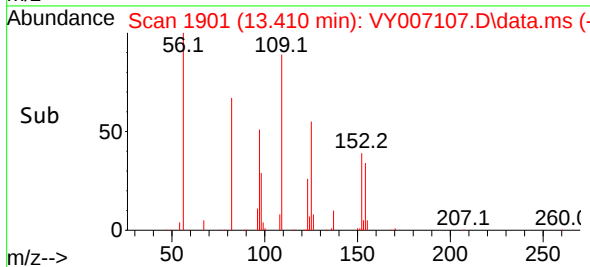
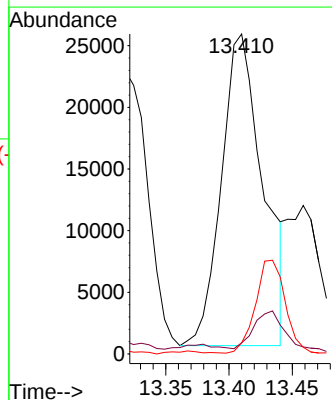
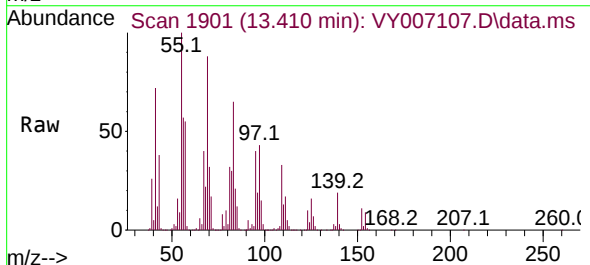
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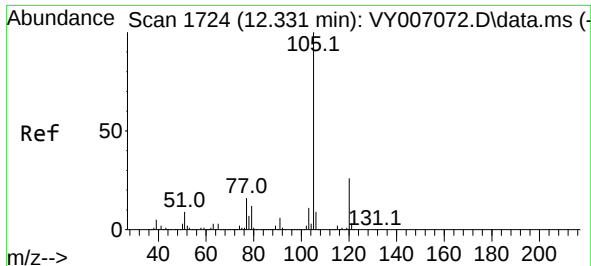
Tgt Ion:117 Resp: 104690
Ion Ratio Lower Upper
117 100
82 37.7 45.4 68.0#
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.410 min Scan# 1901
Delta R.T. -0.018 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

Tgt Ion:152 Resp: 57634
Ion Ratio Lower Upper
152 100
115 0.0 31.4 94.0#
150 0.0 0.0 348.4

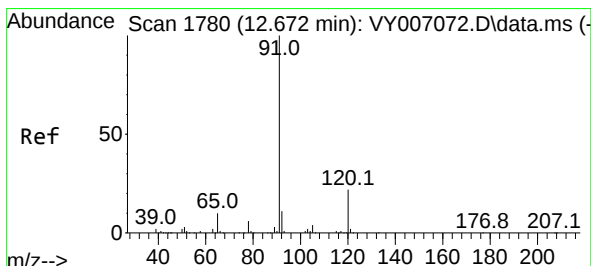
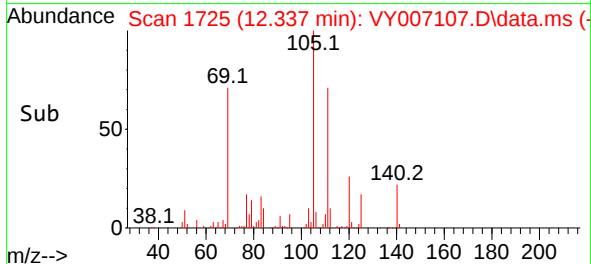
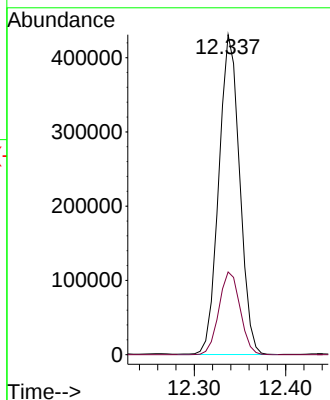
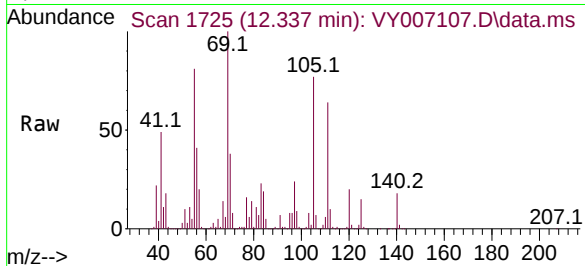




#73
Isopropylbenzene
Concen: 139.248 ug/l
RT: 12.337 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

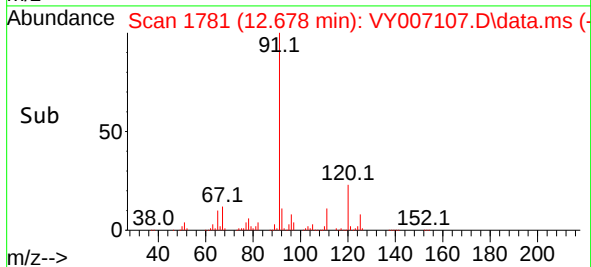
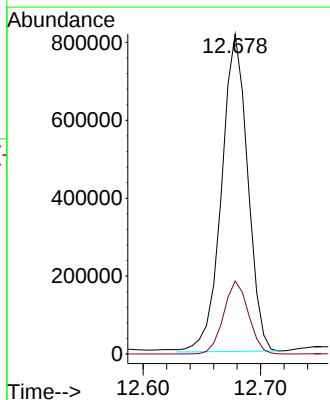
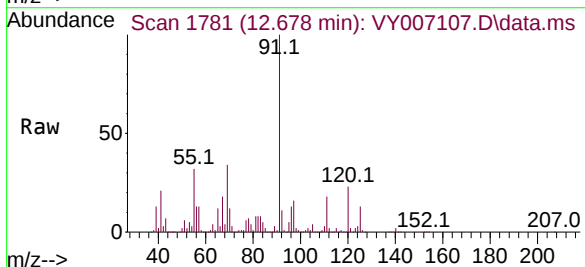
Instrument :
MSVOA_Y
ClientSampleId :
DB-5-(9-9.5)-1-5-22

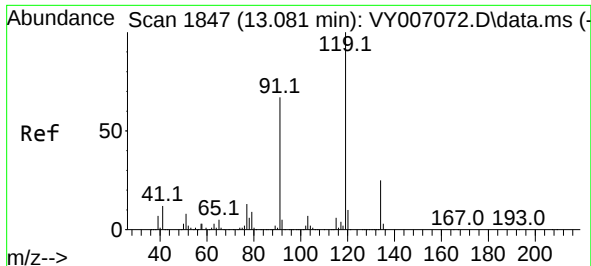
Tgt Ion:105 Resp: 682877
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#78
n-propylbenzene
Concen: 209.917 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

Tgt Ion: 91 Resp: 1257618
Ion Ratio Lower Upper
91 100
120 21.8 11.2 33.5

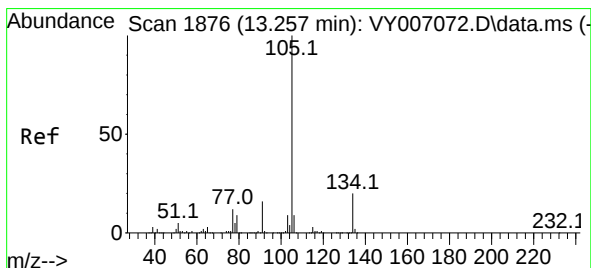
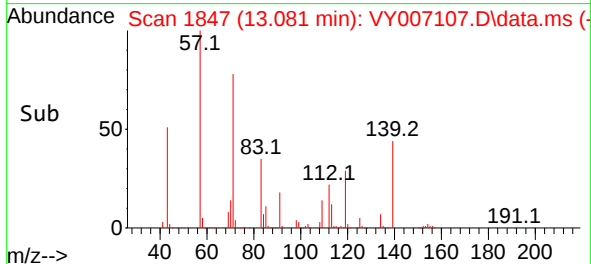
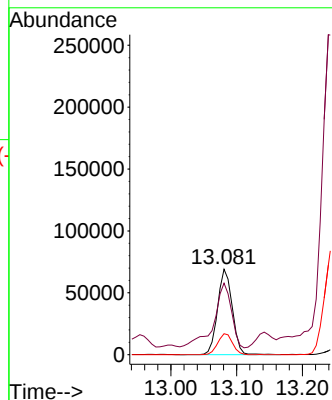
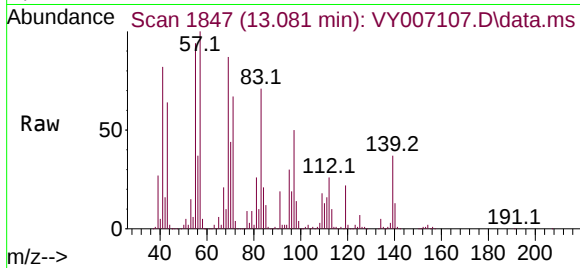




#83
tert-Butylbenzene
Concen: 30.028 ug/l
RT: 13.081 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

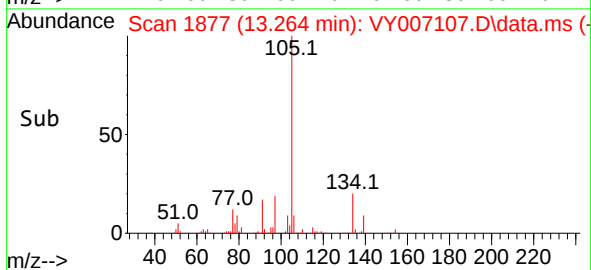
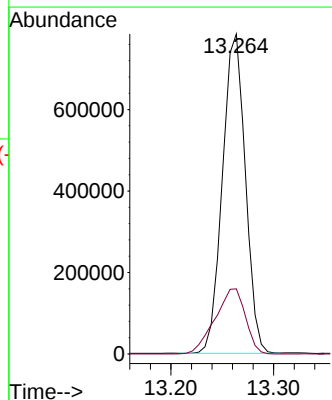
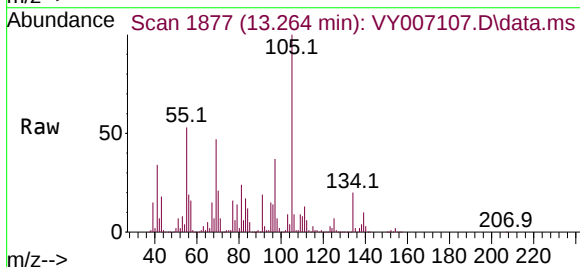
Instrument :
MSVOA_Y
ClientSampleId :
DB-5-(9-9.5)-1-5-22

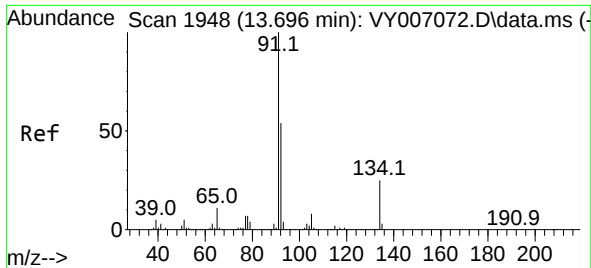
Tgt Ion:119 Resp: 106680
Ion Ratio Lower Upper
119 100
91 91.0 33.1 99.5
134 24.8 12.9 38.7



#85
sec-Butylbenzene
Concen: 234.403 ug/l
RT: 13.264 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY007107.D
Acq: 10 Jan 2022 17:23

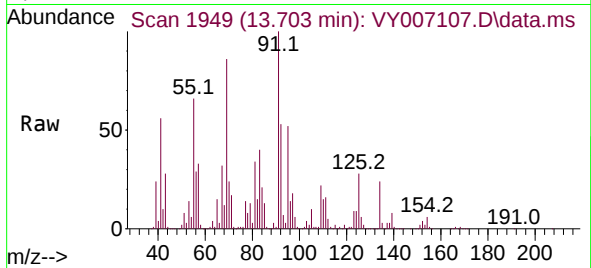
Tgt Ion:105 Resp: 1213514
Ion Ratio Lower Upper
105 100
134 27.1 9.9 29.7





#89
 n-Butylbenzene
 Concen: 98.394 ug/l
 RT: 13.703 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VY007107.D
 Acq: 10 Jan 2022 17:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-5-(9-9.5)-1-5-22



Tgt Ion: 91 Resp: 406759

Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.9	80.6
134	29.2	12.6	37.6

