

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007908.D
 Acq On : 18 Mar 2022 17:31
 Operator : SY/MD
 Sample : N1951-03
 Misc : 6.49g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22

Quant Time: Mar 19 01:37:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	55371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	16920	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	22917	36.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.600%
35) Dibromofluoromethane	7.710	113	25671	40.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.960%
50) Toluene-d8	10.179	98	96303	51.060	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.120%
62) 4-Bromofluorobenzene	12.477	95	28130	31.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	62.580%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.906	85	20	Below Cal	#	43
3) Chloromethane	2.113	50	353	Below Cal	#	55
4) Vinyl Chloride	2.253	62	230	Below Cal	#	43
5) Bromomethane	2.656	94	263	Below Cal	#	62
11) Tert butyl alcohol	4.942	59	165	2.243	ug/l #	1
13) Acrolein	3.716	56	48	1.084	ug/l #	14
16) Acetone	3.942	43	34602	206.600	ug/l #	86
17) Carbon Disulfide	4.192	76	1803	Below Cal	#	75
18) Methyl Acetate	4.478	43	356	Below Cal	#	56
20) Methylene Chloride	4.710	84	1191	Below Cal		91
25) 2-Butanone	6.990	43	16329	60.868	ug/l #	82
29) Tetrahydrofuran	7.356	42	362	2.106	ug/l #	38
31) Cyclohexane	7.783	56	2199	Below Cal	#	39
36) 1,1-Dichloropropene	7.789	75	4343	4.674	ug/l #	49
37) Ethyl Acetate	6.990	43	16329	28.803	ug/l #	72
38) Carbon Tetrachloride	7.795	117	5551	5.591	ug/l #	16
51) 4-Methyl-2-Pentanone	10.069	43	2048	3.557	ug/l	98
55) 1,1,2-Trichloroethane	10.618	97	10083	16.875	ug/l #	21
56) Ethyl methacrylate	10.520	69	3906	4.554	ug/l #	1
59) 2-Hexanone	10.800	43	31919	77.514	ug/l #	33
67) Ethyl Benzene	11.593	91	2427	1.073	ug/l	97
73) Isopropylbenzene	12.331	105	8767	5.887	ug/l	99
74) N-amyl acetate	12.123	43	105719	240.601	ug/l #	65
75) 1,1,2,2-Tetrachloroethane	12.550	83	14141	44.110	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	8999	37.314	ug/l #	100
78) n-propylbenzene	12.672	91	16972	9.437	ug/l	94
79) 2-Chlorotoluene	12.745	91	2047	2.023	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.818	105	1290	1.053	ug/l	70
81) trans-1,4-Dichloro-2-b...	12.483	75	8999	78.375	ug/l #	36
82) 4-Chlorotoluene	12.794	91	2782	2.647	ug/l #	41
83) tert-Butylbenzene	13.074	119	4458	4.067	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.117	105	1902	1.584	ug/l	98
85) sec-Butylbenzene	13.251	105	42804	26.059	ug/l	82
89) n-Butylbenzene	13.696	91	14567	11.383	ug/l	91
90) Hexachloroethane	13.965	117	782	2.938	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.379	75	167	3.028	ug/l #	30

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Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

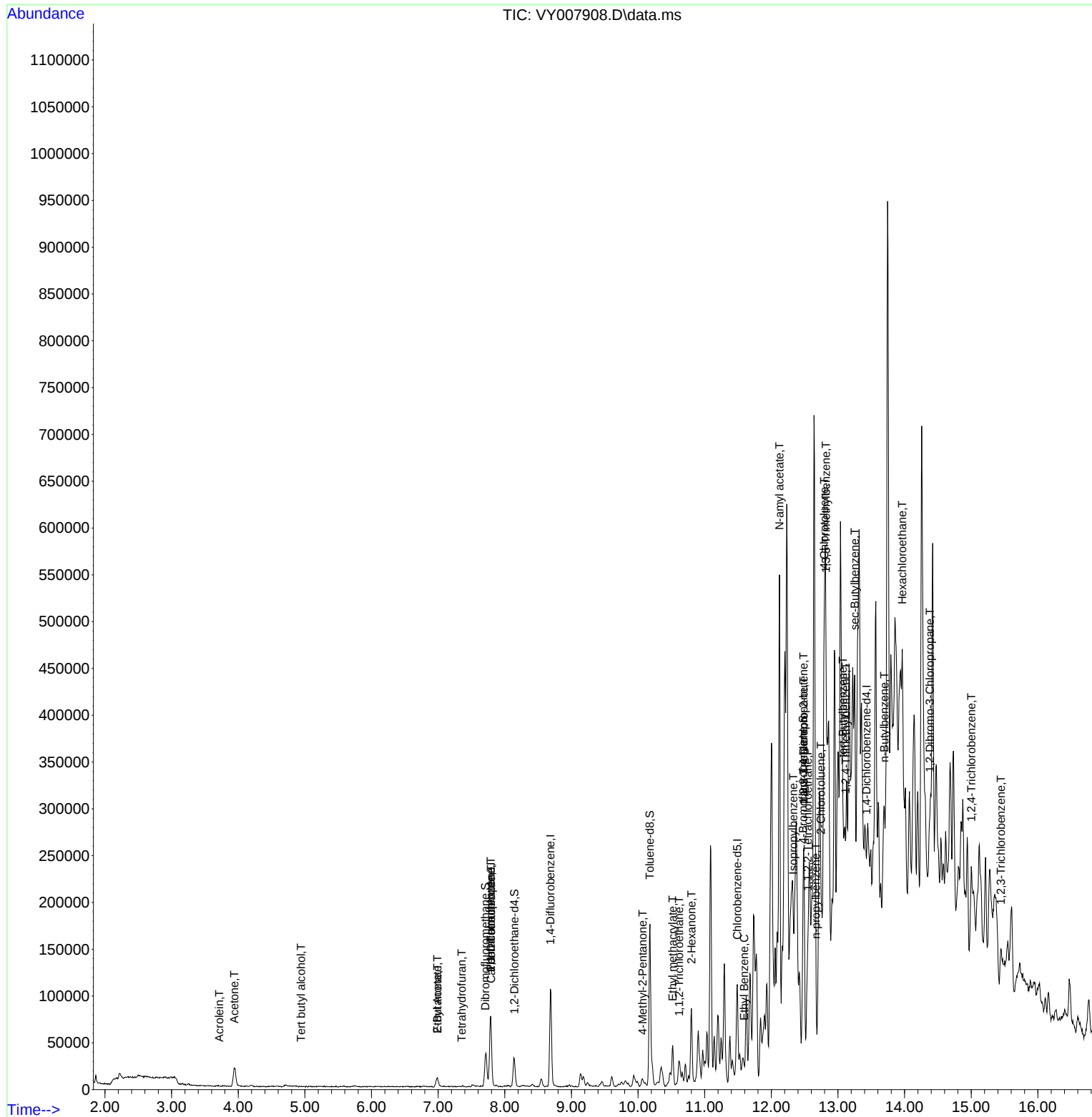
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.001	180	650	1.720	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.446	180	1670	5.010	ug/l #	22

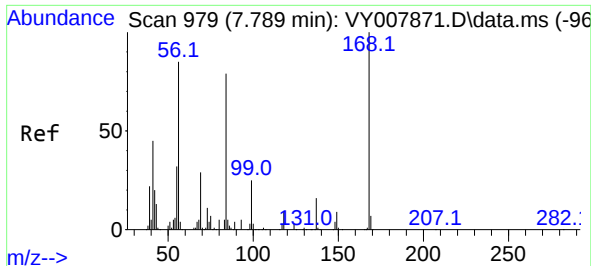
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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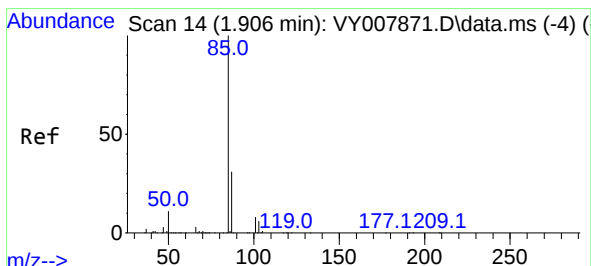
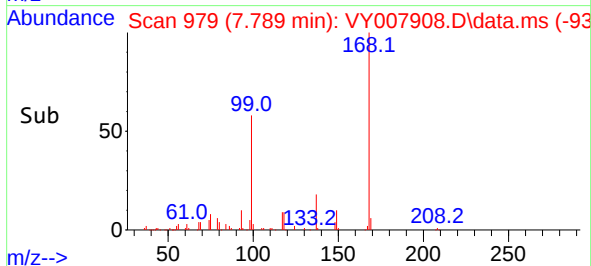
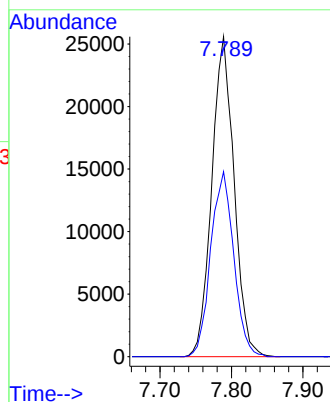
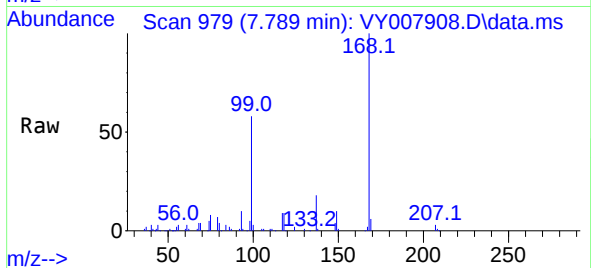




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

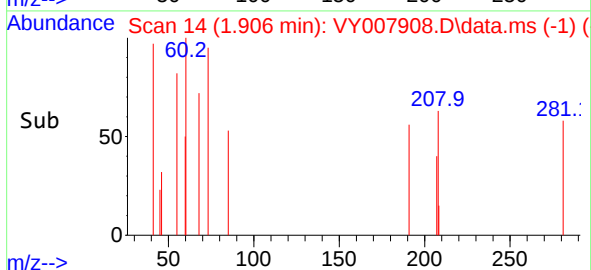
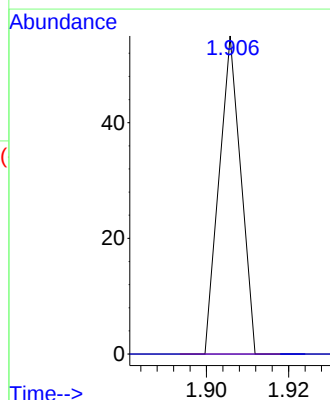
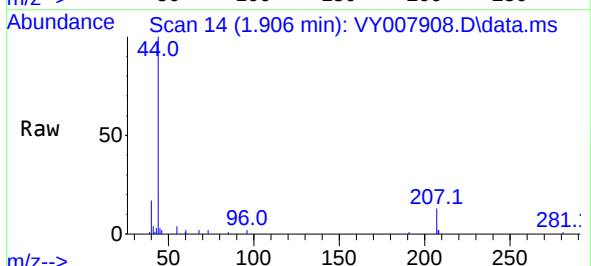
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

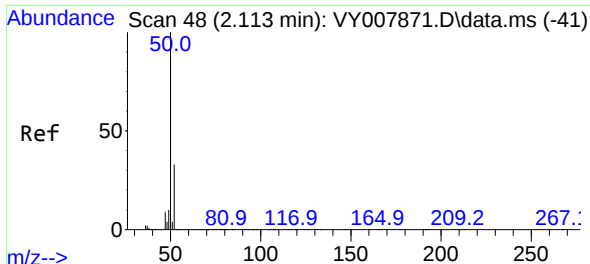
Tgt Ion:168 Resp: 55371
Ion Ratio Lower Upper
168 100
99 57.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 85 Resp: 20
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

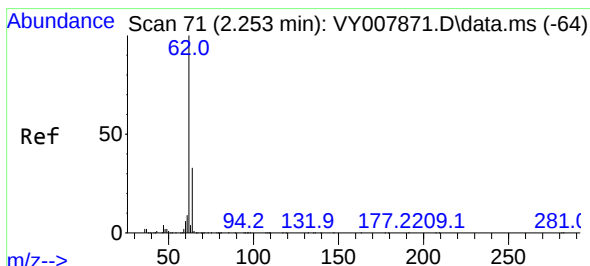
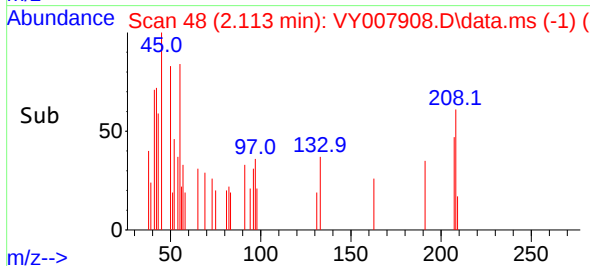
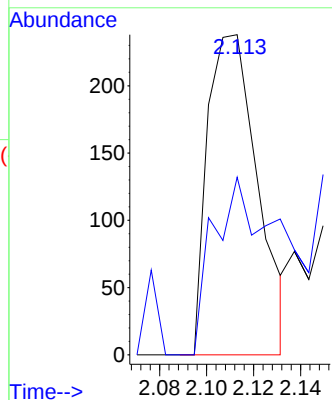
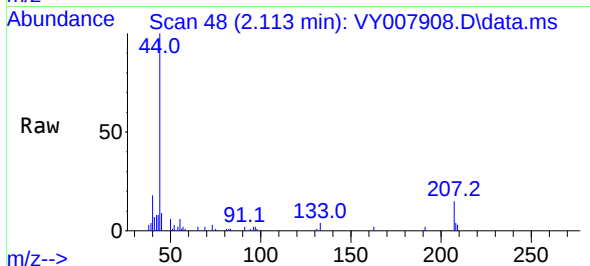




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

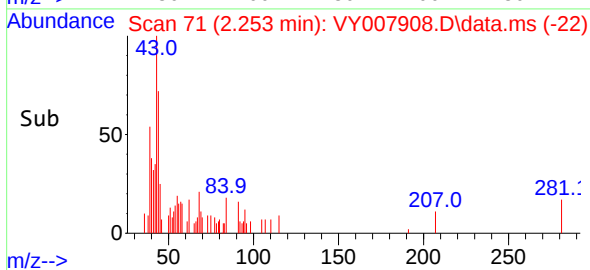
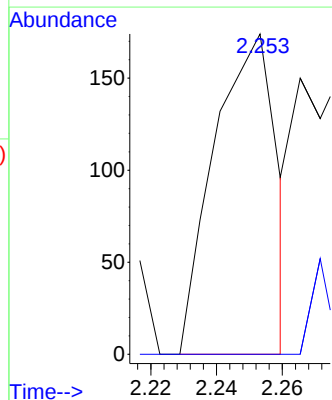
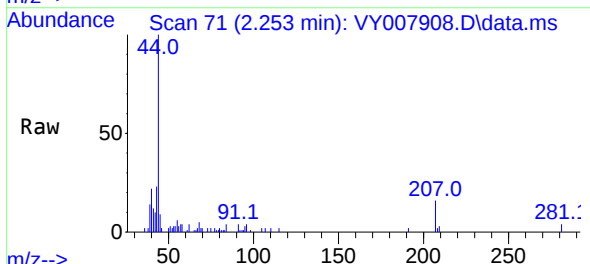
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

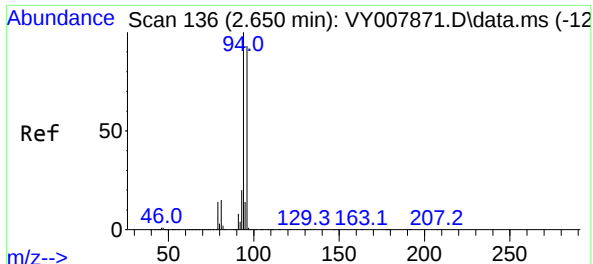
Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 55.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 62 Resp: 230
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

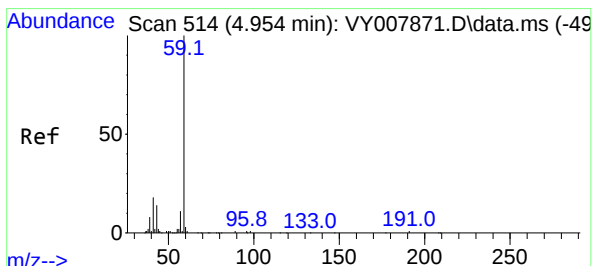
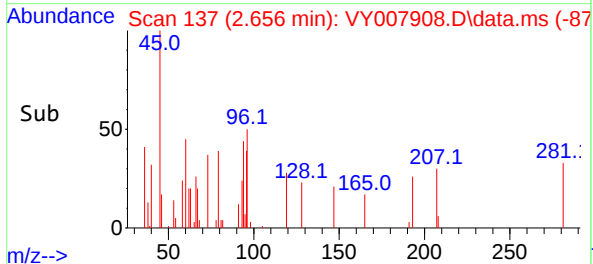
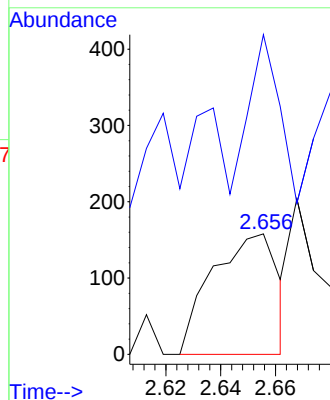
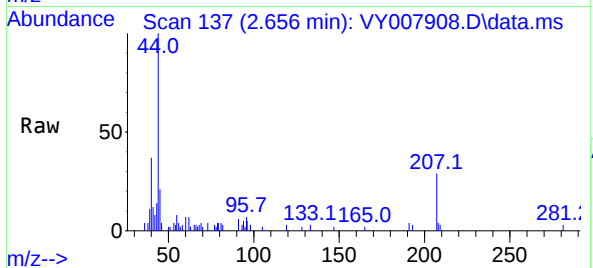




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

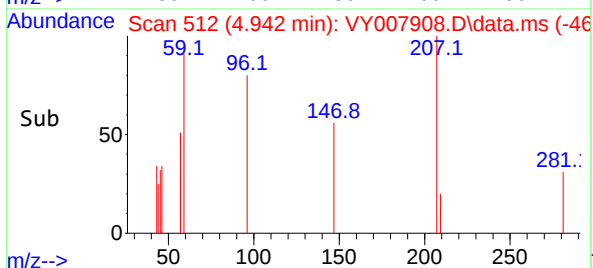
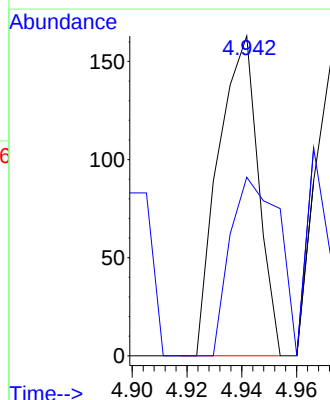
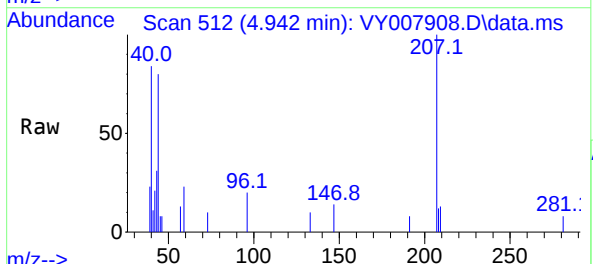
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

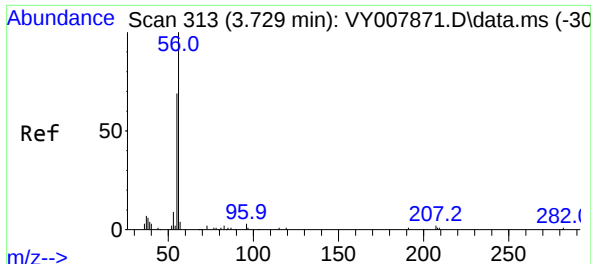
Tgt Ion: 94 Resp: 263
Ion Ratio Lower Upper
94 100
96 127.8 73.5 110.3#



#11
Tert butyl alcohol
Concen: 2.243 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 59 Resp: 165
Ion Ratio Lower Upper
59 100
57 67.9 6.4 9.6#

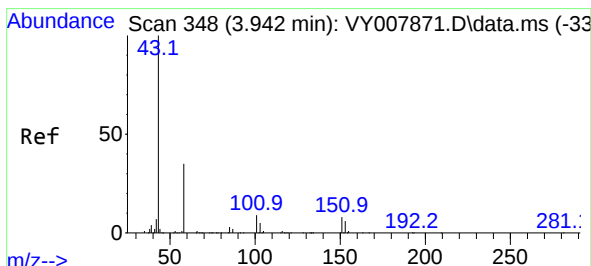
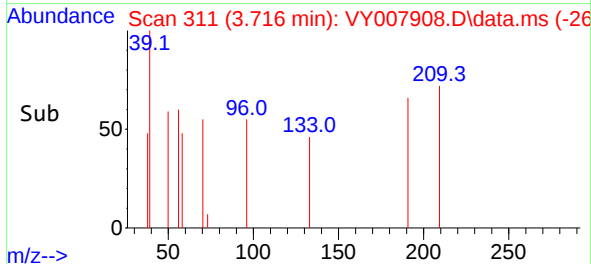
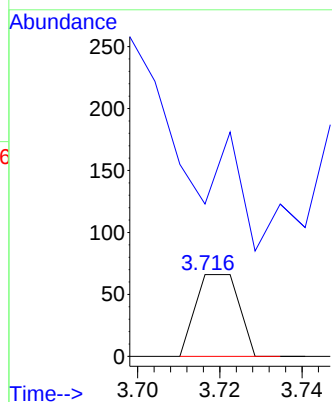
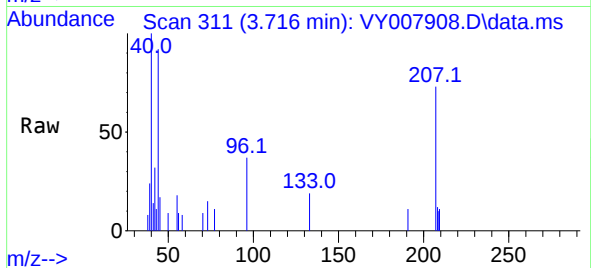




#13
Acrolein
Concen: 1.084 ug/l
RT: 3.716 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

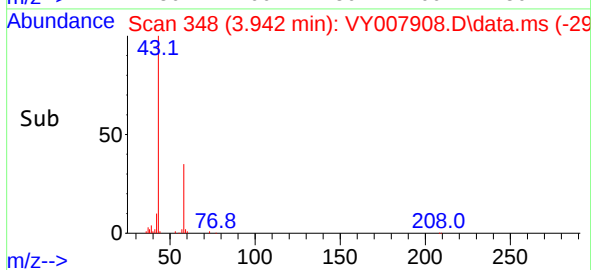
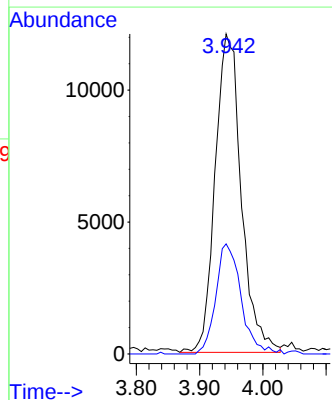
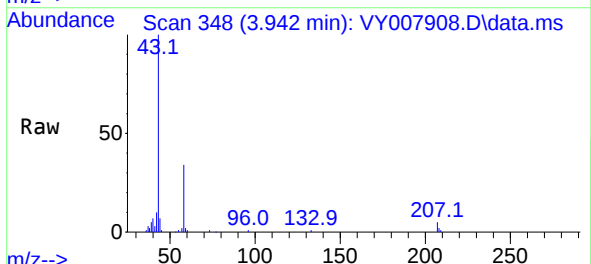
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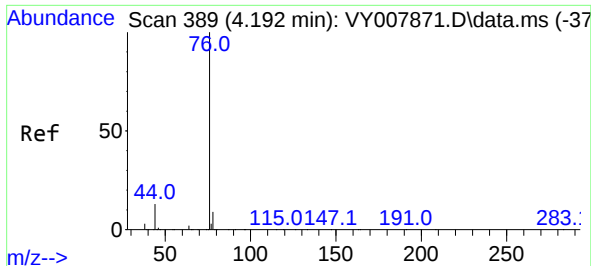
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 206.600 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 43 Resp: 34602
Ion Ratio Lower Upper
43 100
58 34.6 22.0 33.0#

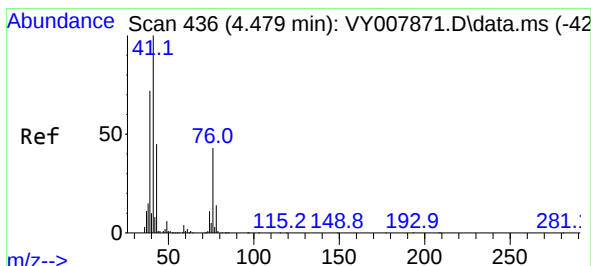
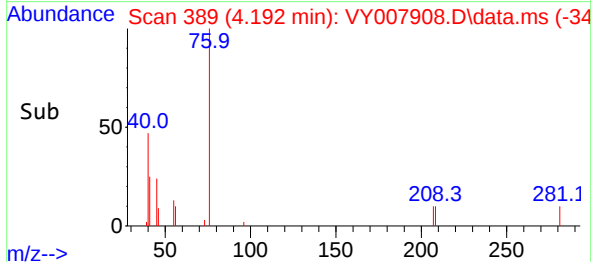
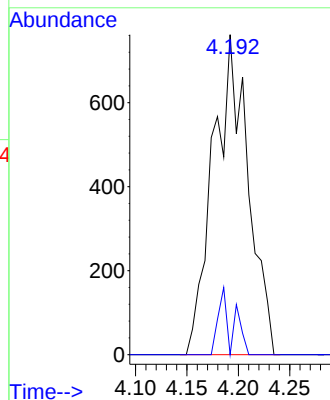
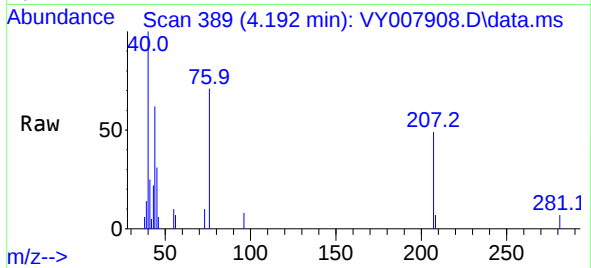




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

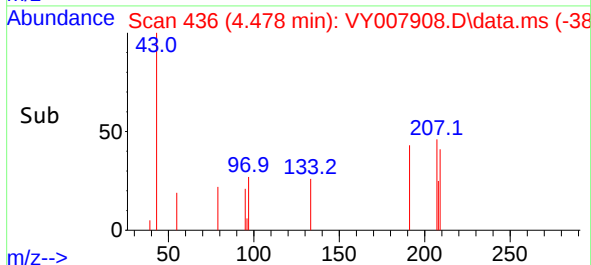
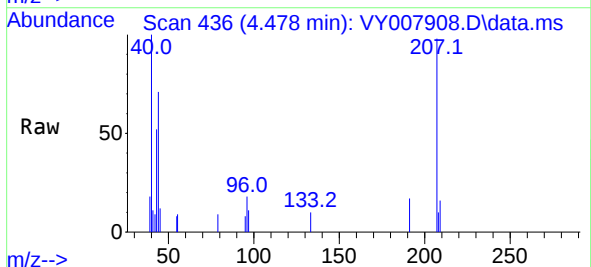
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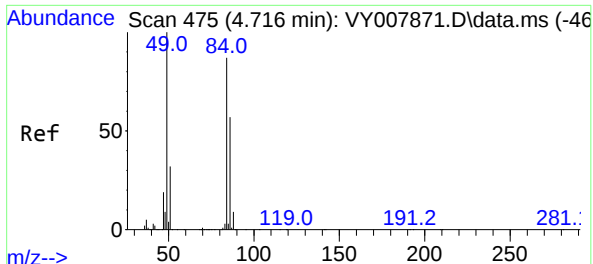
Tgt Ion: 76 Resp: 1803
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.005 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 43 Resp: 356
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

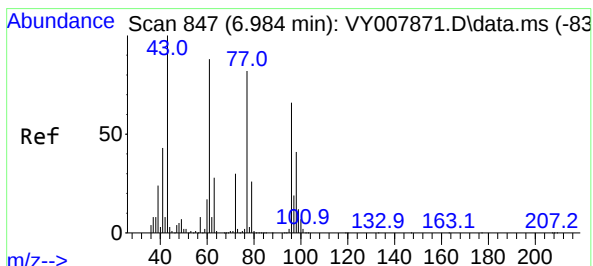
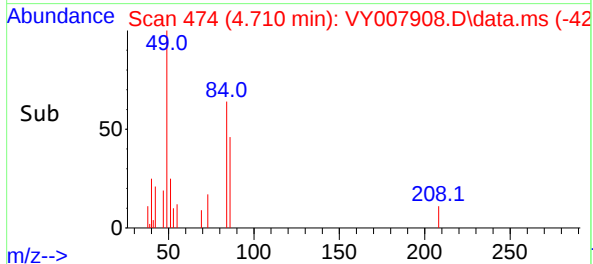
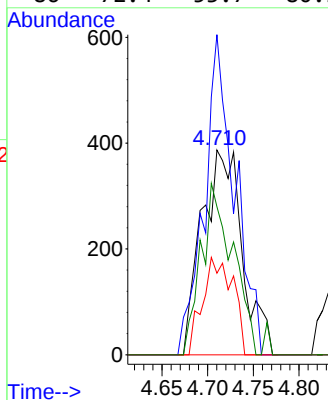
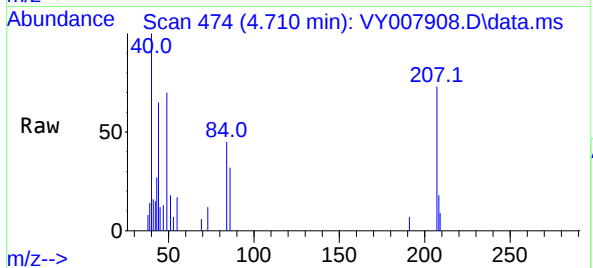




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

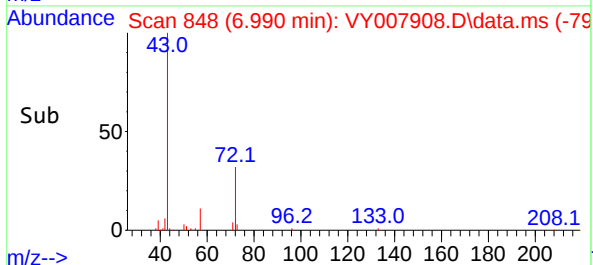
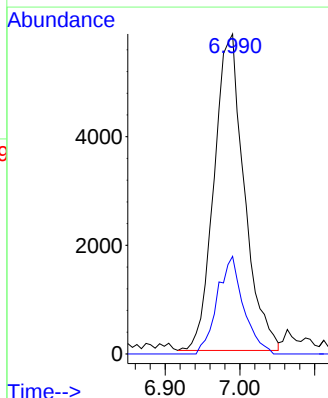
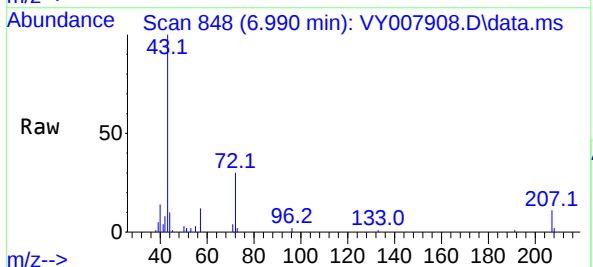
Instrument :
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DB-15-(10-15)-3-12-22

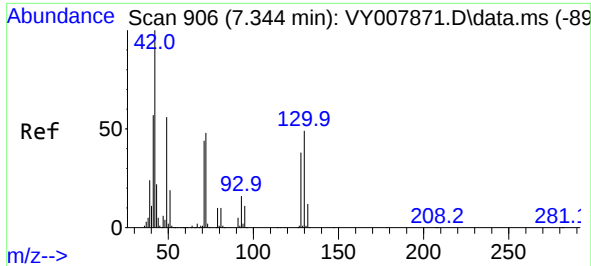
Tgt Ion:	84	Resp:	1191
Ion	Ratio	Lower	Upper
84	100		
49	156.3	114.4	171.6
51	39.8	35.3	52.9
86	72.4	53.7	80.5



#25
2-Butanone
Concen: 60.868 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion:	43	Resp:	16329
Ion	Ratio	Lower	Upper
43	100		
72	30.8	17.7	26.5

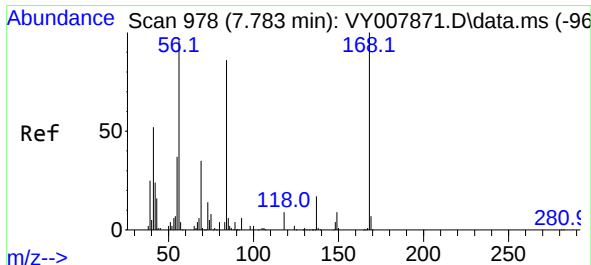
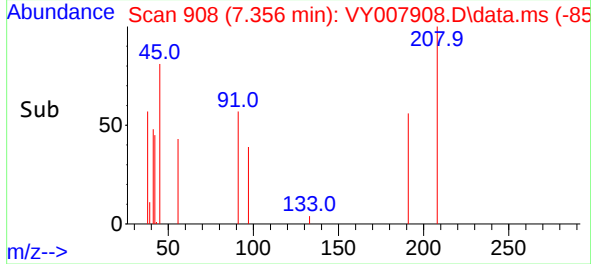
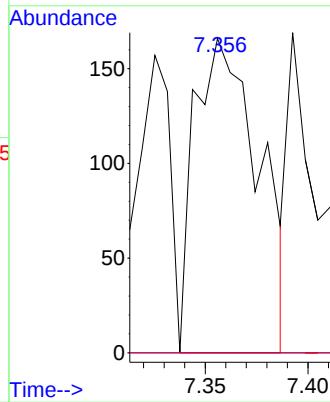
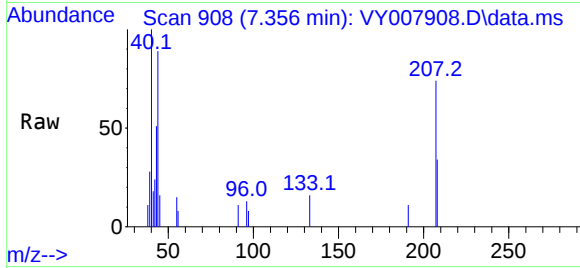




#29
Tetrahydrofuran
Concen: 2.106 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

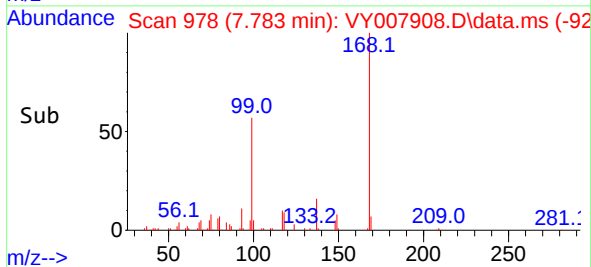
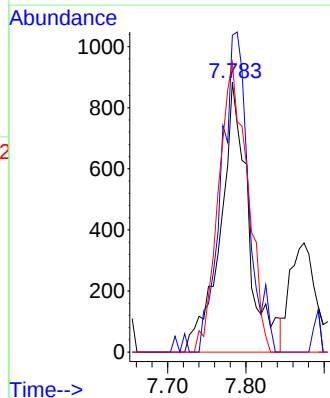
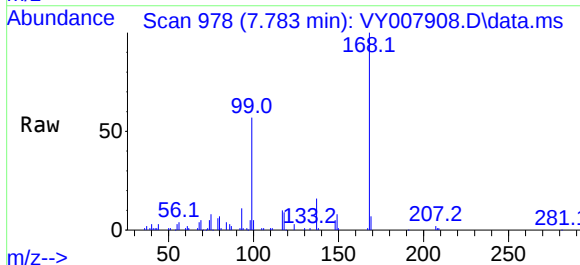
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

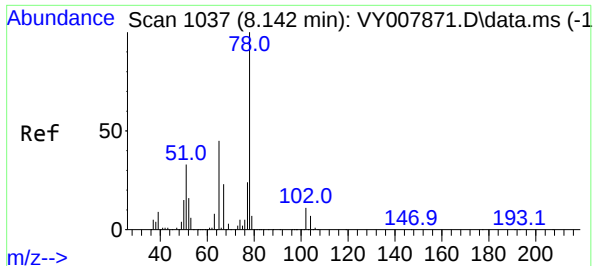
Tgt Ion:	42	Resp:	362
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion:	56	Resp:	2199
Ion	Ratio	Lower	Upper
56	100		
69	117.4	26.7	40.1#
84	107.4	67.2	100.8#

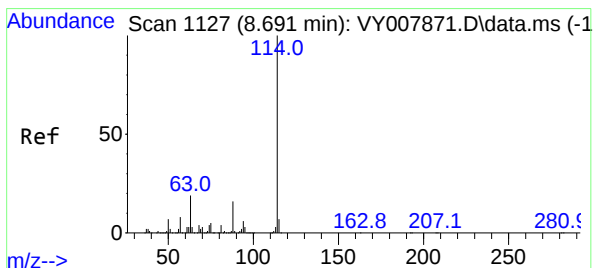
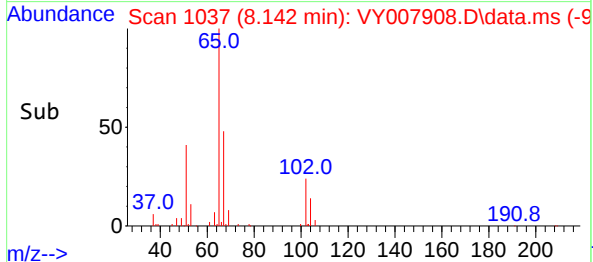
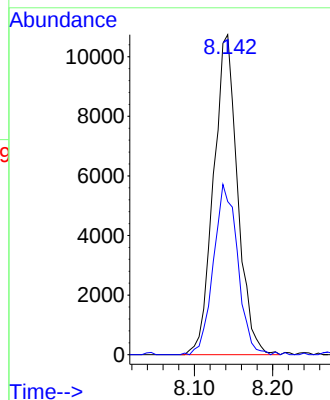
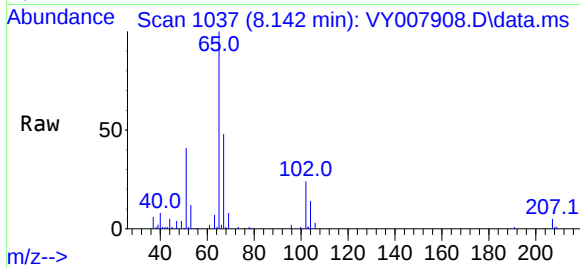




#33
1,2-Dichloroethane-d4
Concen: 36.299 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

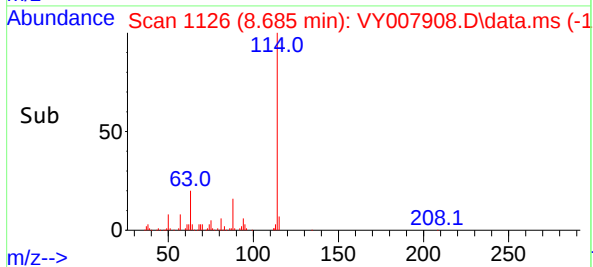
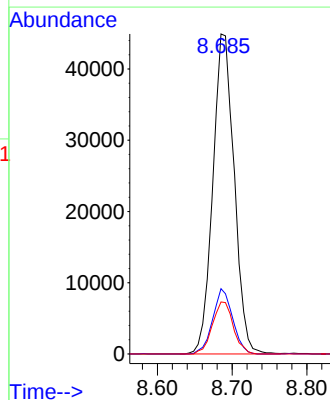
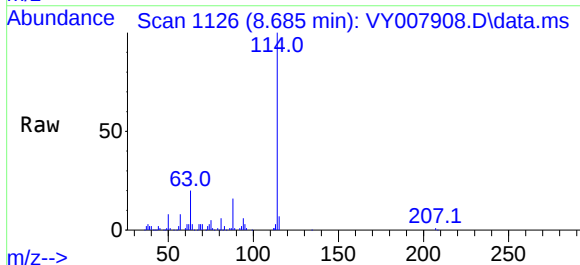
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

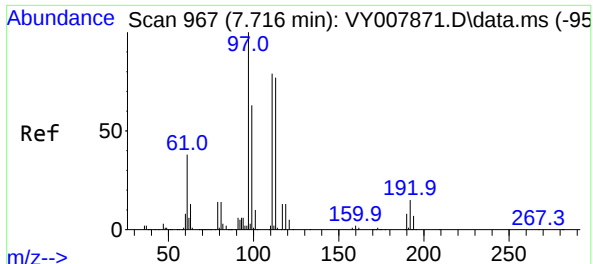
Tgt Ion: 65 Resp: 22917
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 114 Resp: 89197
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 40.980 ug/l

RT: 7.710 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY007908.D

Acq: 18 Mar 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22

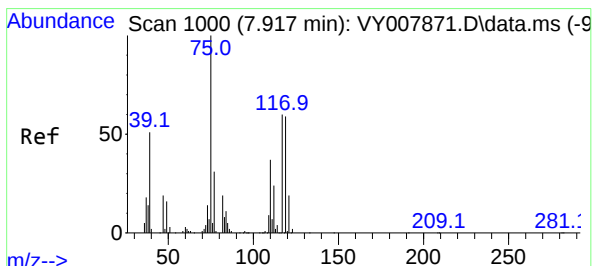
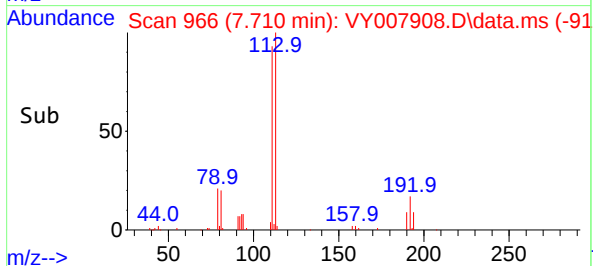
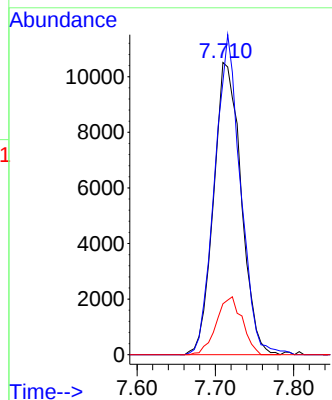
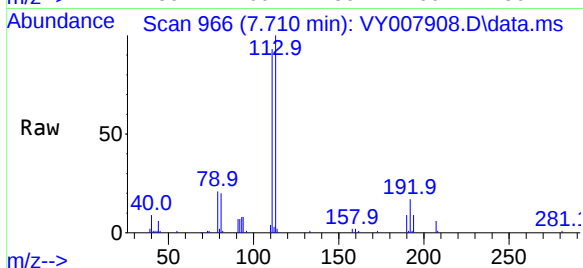
Tgt Ion:113 Resp: 25671

Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 18.6 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.674 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY007908.D

Acq: 18 Mar 2022 17:31

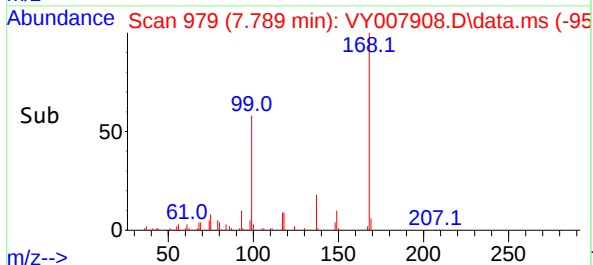
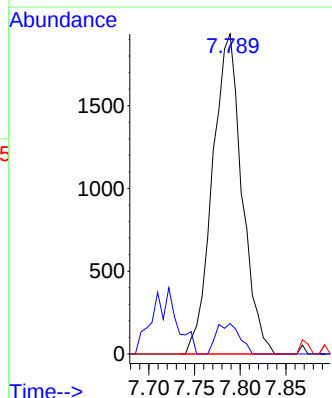
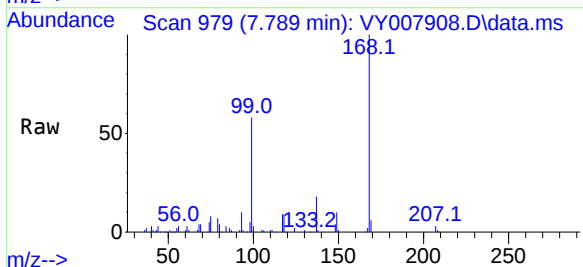
Tgt Ion: 75 Resp: 4343

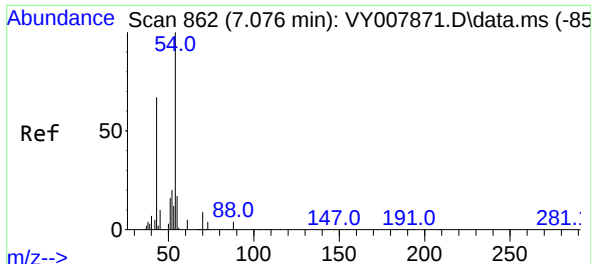
Ion Ratio Lower Upper

75 100

110 7.5 17.1 51.2#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 28.803 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.079 min

Lab File: VY007908.D

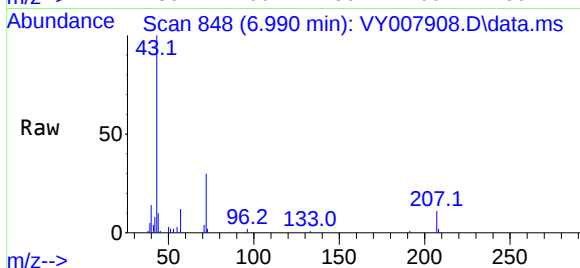
Acq: 18 Mar 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22



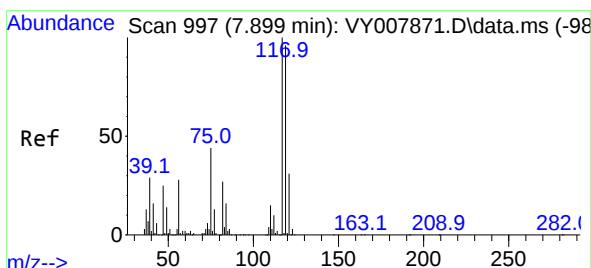
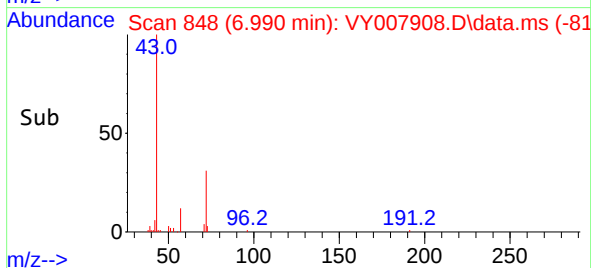
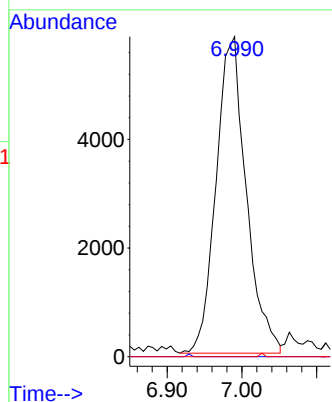
Tgt Ion: 43 Resp: 16329

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.591 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.104 min

Lab File: VY007908.D

Acq: 18 Mar 2022 17:31

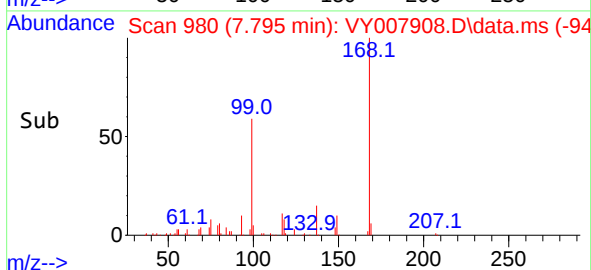
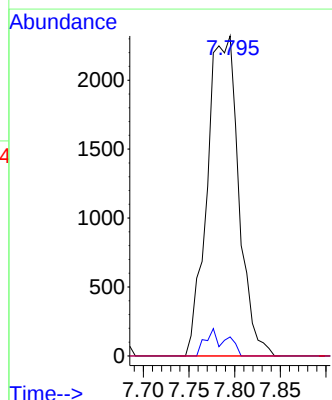
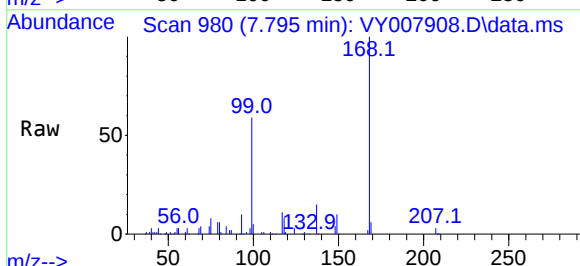
Tgt Ion: 117 Resp: 5551

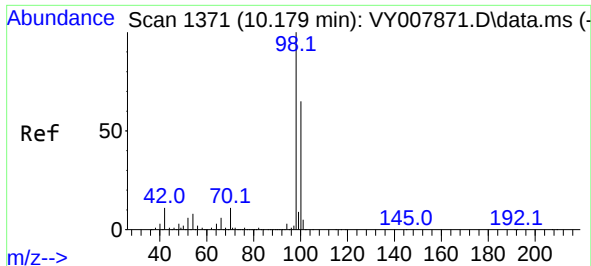
Ion Ratio Lower Upper

117 100

119 5.9 77.9 116.9#

121 0.0 24.8 37.2#

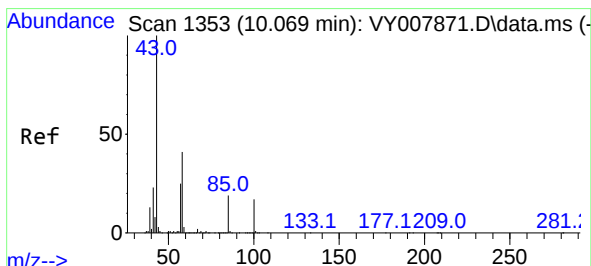
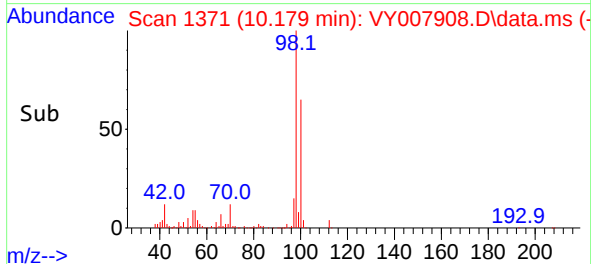
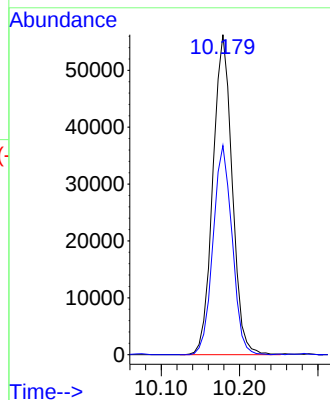
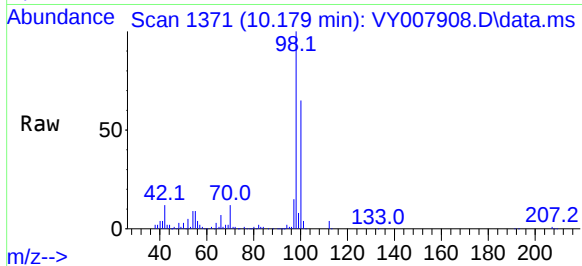




#50
Toluene-d8
Concen: 51.060 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

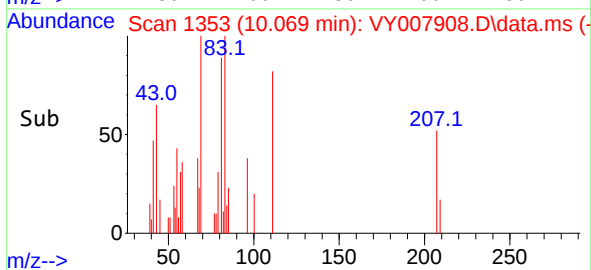
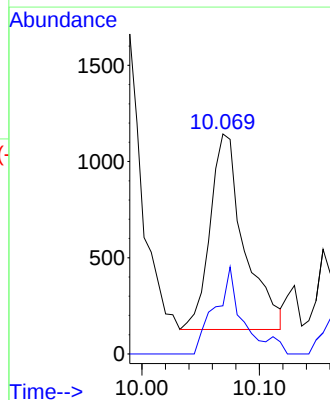
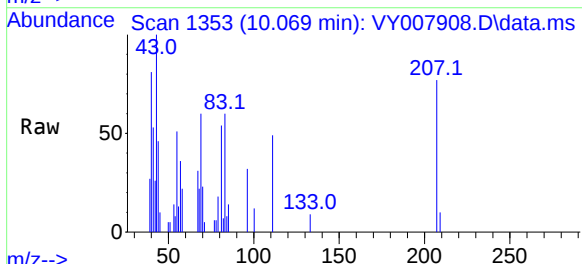
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

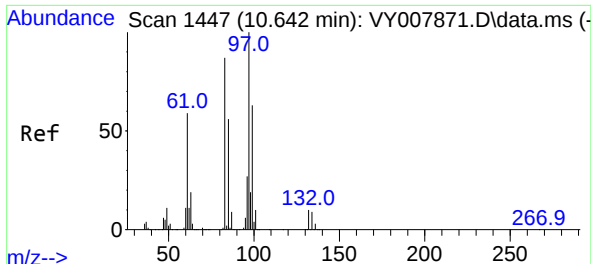
Tgt Ion: 98 Resp: 96303
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 3.557 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
58 36.4 28.1 42.1



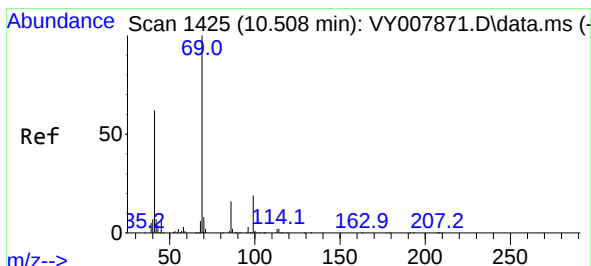
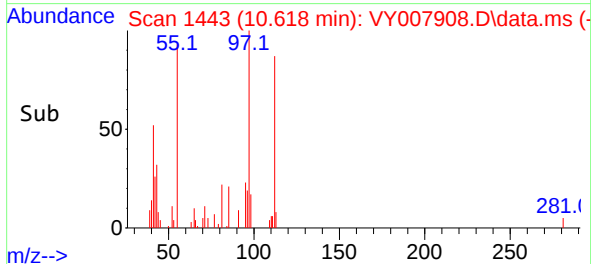
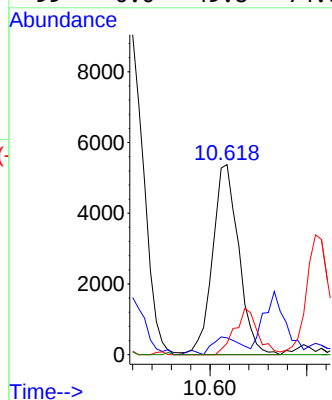
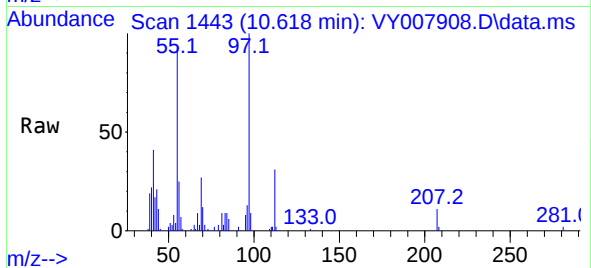


#55
1,1,2-Trichloroethane
Concen: 16.875 ug/l
RT: 10.618 min Scan# 1443
Delta R.T. -0.025 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

Tgt Ion: 97 Resp: 10083

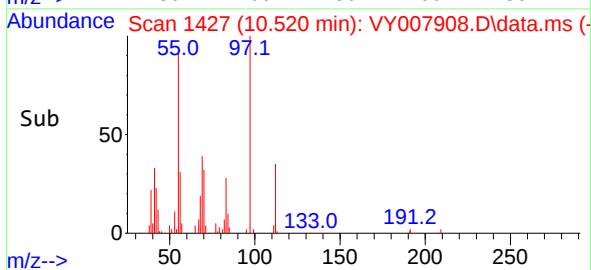
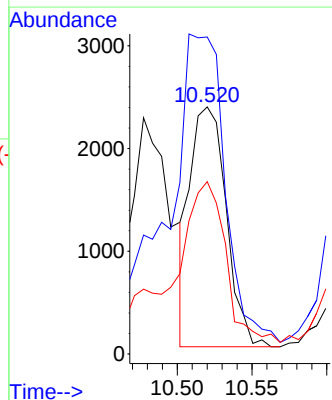
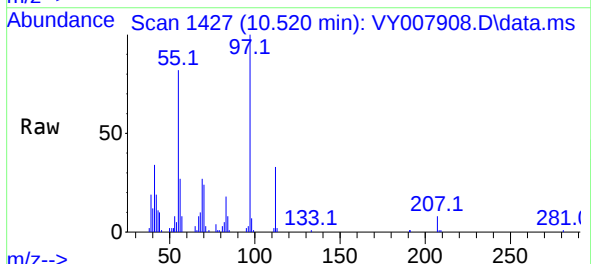
Ion	Ratio	Lower	Upper
97	100		
83	8.8	69.8	104.8#
85	6.0	44.3	66.5#
99	0.0	49.8	74.6#

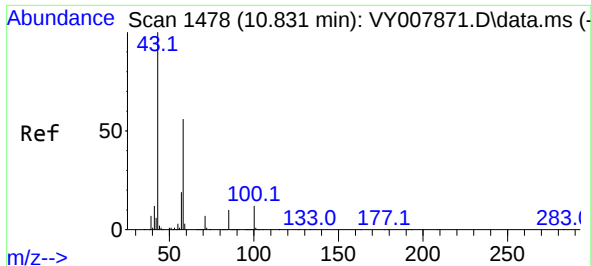


#56
Ethyl methacrylate
Concen: 4.554 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.012 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 69 Resp: 3906

Ion	Ratio	Lower	Upper
69	100		
41	208.8	63.4	95.0#
39	78.3	35.8	53.8#

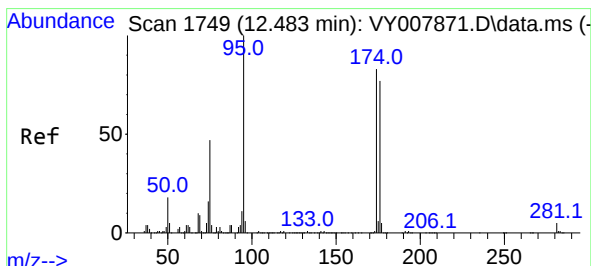
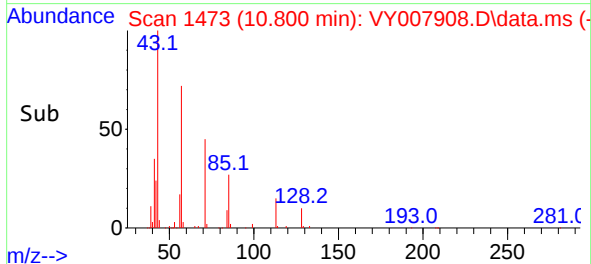
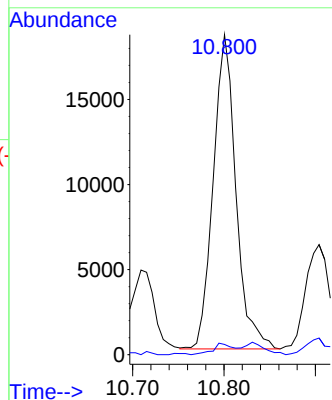
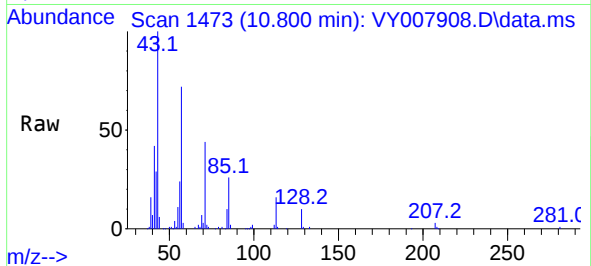




#59
2-Hexanone
Concen: 77.514 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.031 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

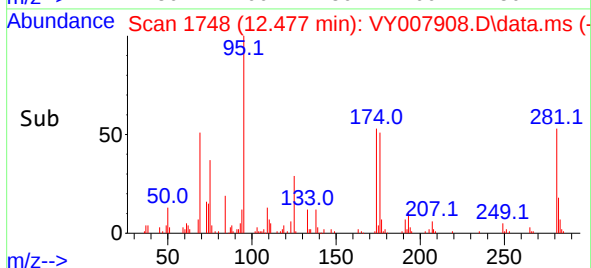
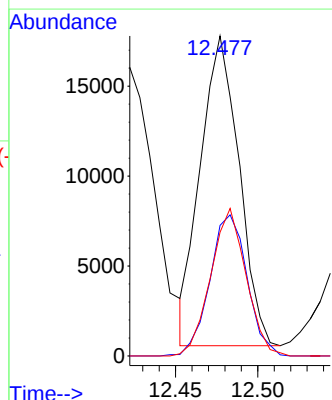
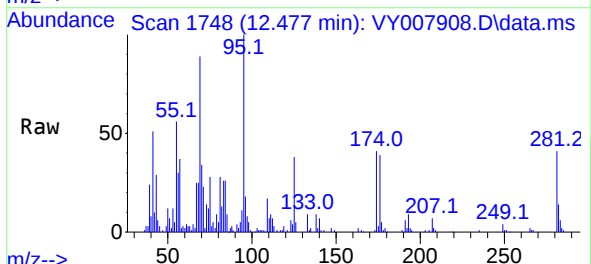
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

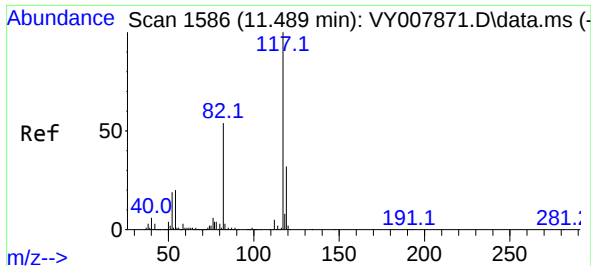
Tgt Ion: 43 Resp: 31919
Ion Ratio Lower Upper
43 100
58 3.1 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 31.289 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 95 Resp: 28130
Ion Ratio Lower Upper
95 100
174 44.1 0.0 177.0
176 43.7 0.0 175.8

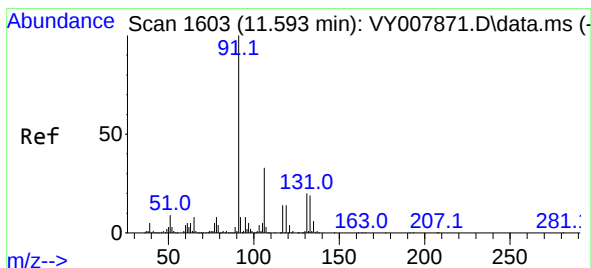
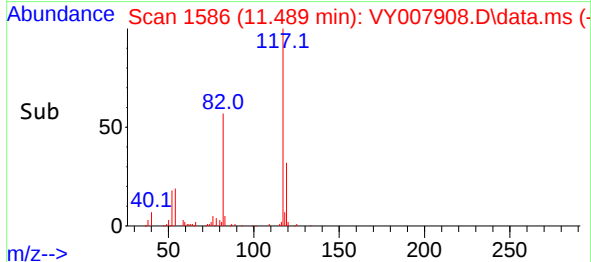
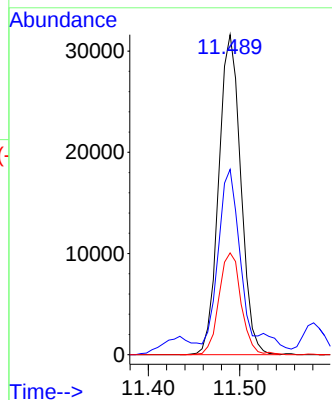
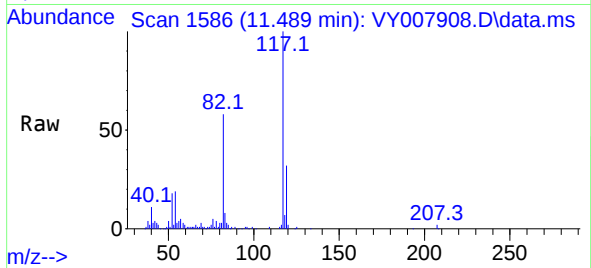




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

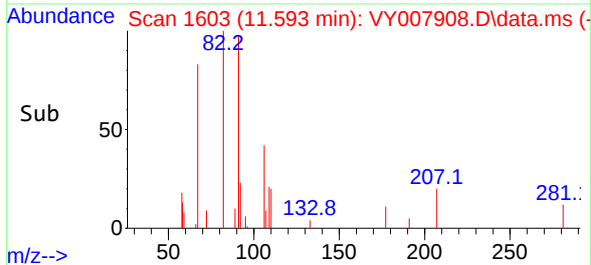
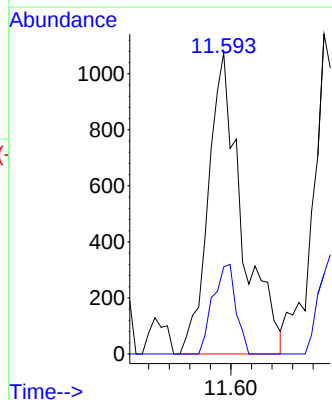
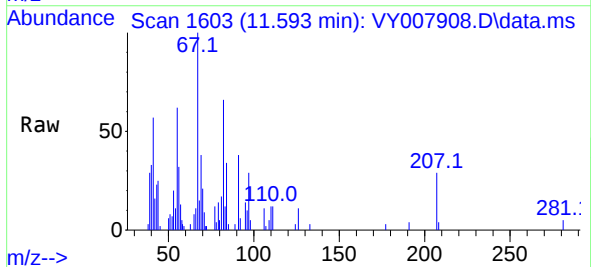
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

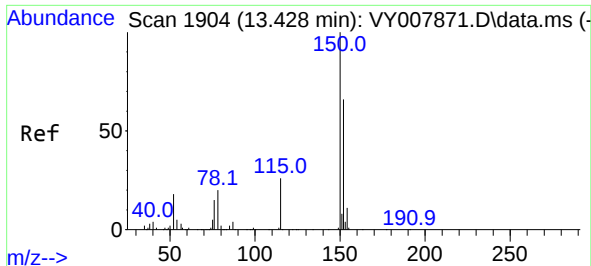
Tgt Ion:	117	Resp:	52995
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.4
119	31.8	25.4	38.0



#67
Ethyl Benzene
Concen: 1.073 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion:	91	Resp:	2427
Ion	Ratio	Lower	Upper
91	100		
106	28.9	24.5	36.7

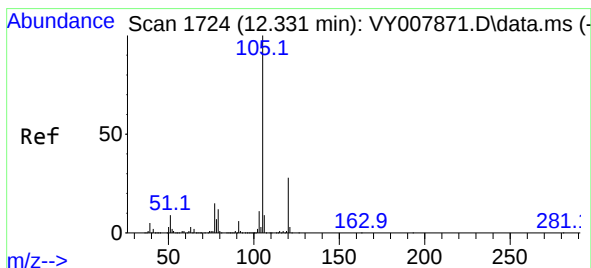
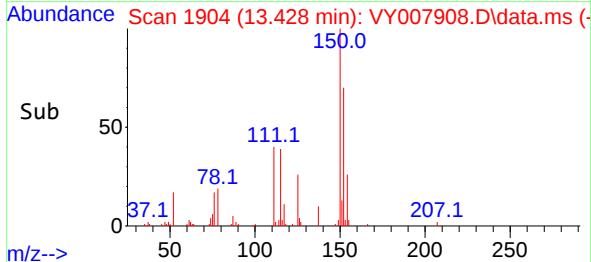
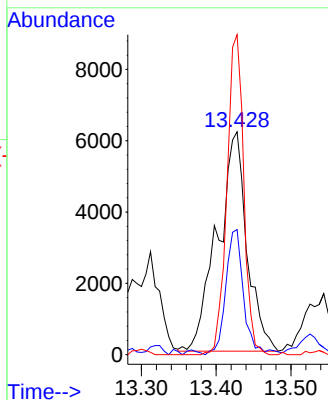
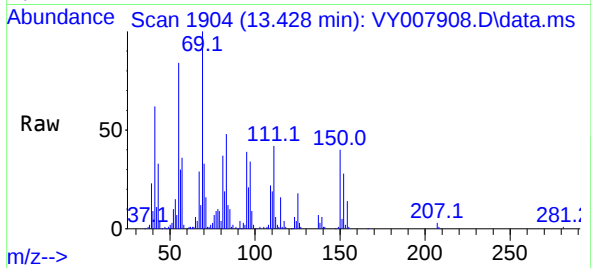




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

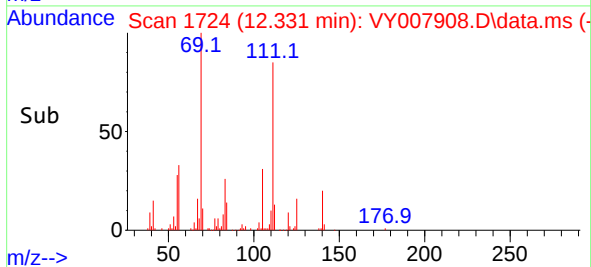
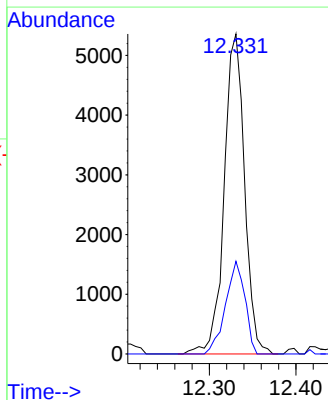
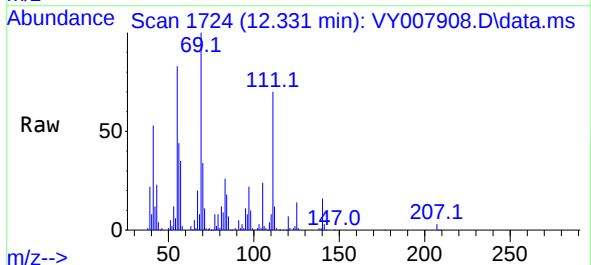
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

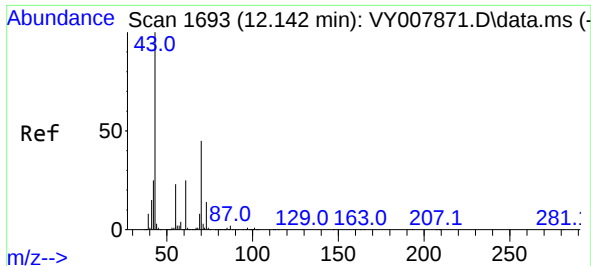
Tgt Ion:152 Resp: 16920
Ion Ratio Lower Upper
152 100
115 34.6 28.2 84.7
150 83.1 0.0 347.6



#73
Isopropylbenzene
Concen: 5.887 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion:105 Resp: 8767
Ion Ratio Lower Upper
105 100
120 27.4 13.4 40.2

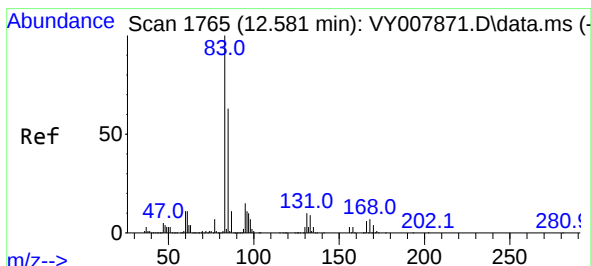
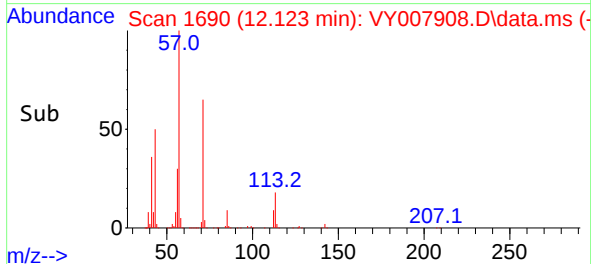
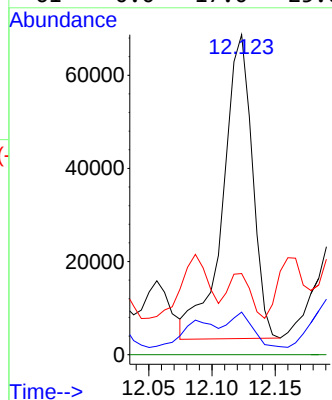
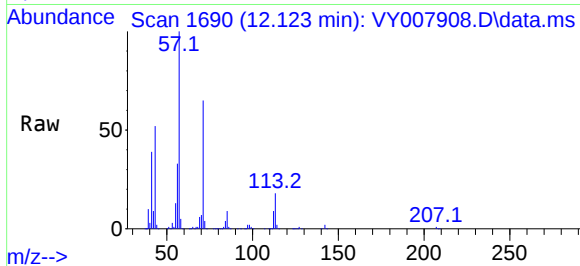




#74
N-amy1 acetate
Concen: 240.601 ug/l
RT: 12.123 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

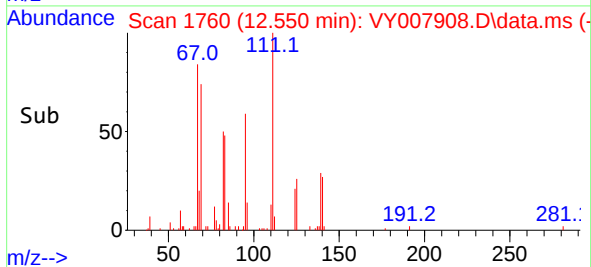
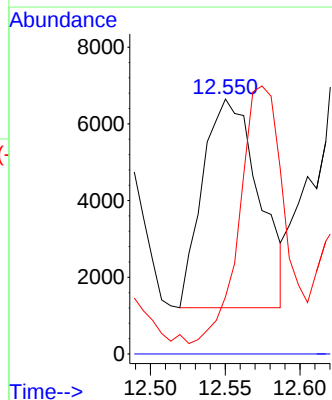
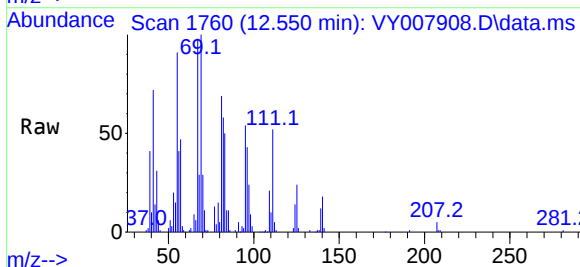
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

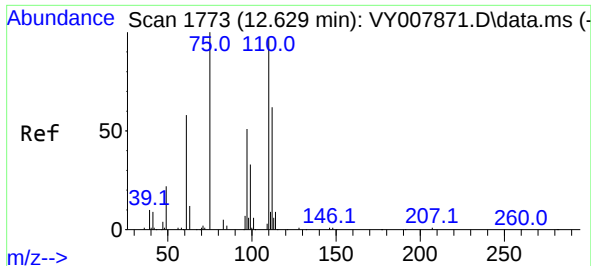
Tgt Ion: 43 Resp: 105719
Ion Ratio Lower Upper
43 100
70 9.6 28.7 43.1#
55 18.2 17.3 25.9
61 0.0 17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 44.110 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.031 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 83 Resp: 14141
Ion Ratio Lower Upper
83 100
131 0.0 5.6 16.8#
85 0.0 32.3 96.8#

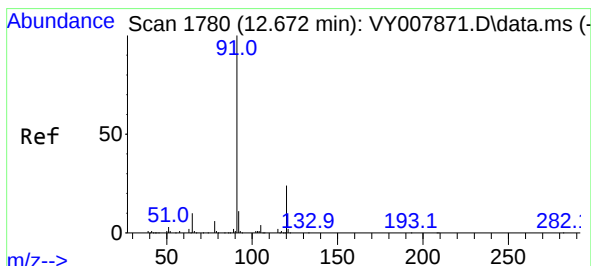
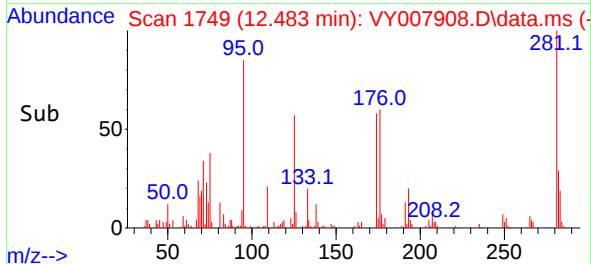
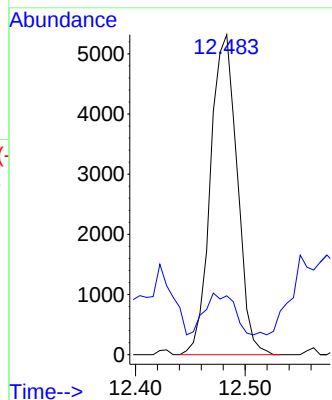
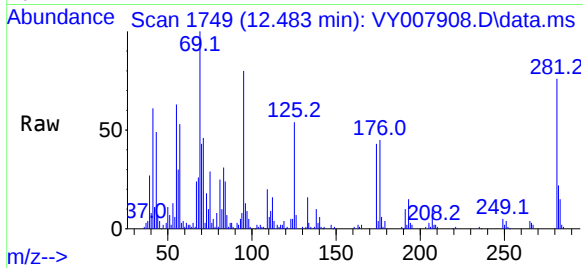




#76
1,2,3-Trichloropropane
Concen: 37.314 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.153 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

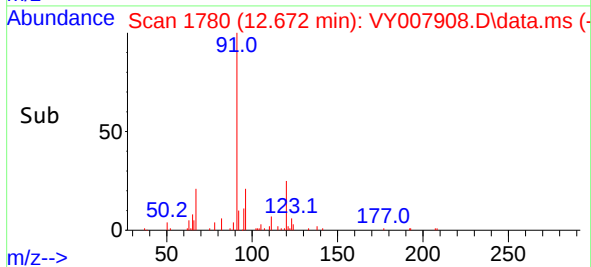
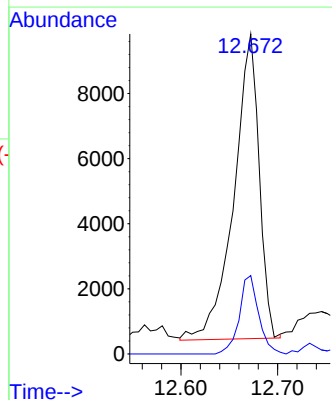
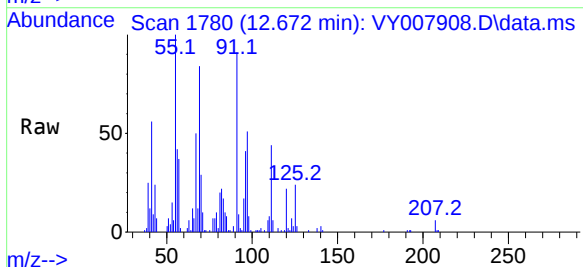
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

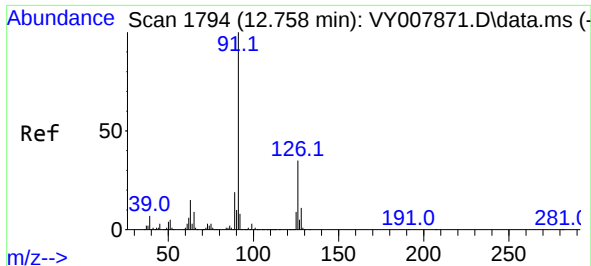
Tgt Ion: 75 Resp: 8999
Ion Ratio Lower Upper
75 100
77 14.2 0.0 0.0#



#78
n-propylbenzene
Concen: 9.437 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 91 Resp: 16972
Ion Ratio Lower Upper
91 100
120 19.8 11.3 33.9





#79

2-Chlorotoluene

Concen: 2.023 ug/l

RT: 12.745 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY007908.D

Acq: 18 Mar 2022 17:31

Instrument :

MSVOA_Y

ClientSampleId :

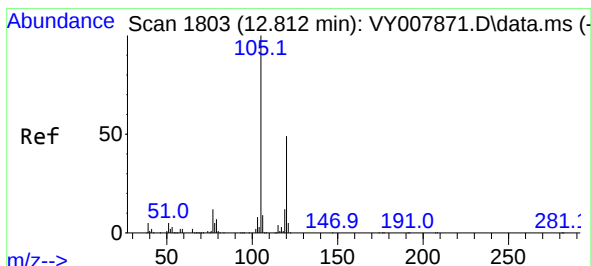
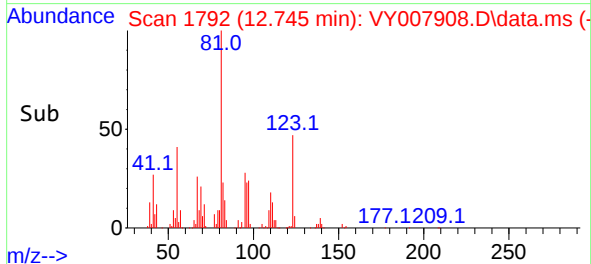
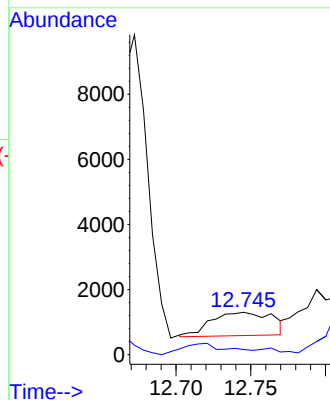
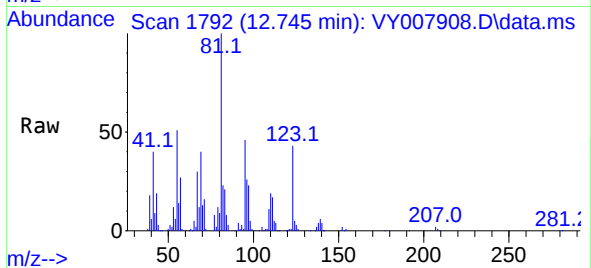
DB-15-(10-15)-3-12-22

Tgt Ion: 91 Resp: 2047

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 1.053 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY007908.D

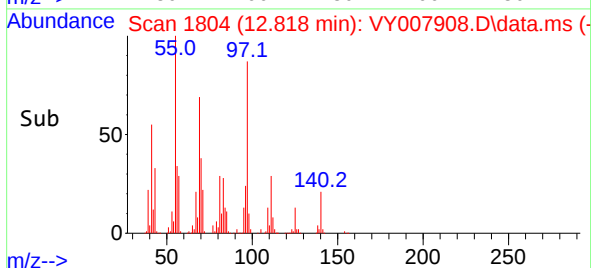
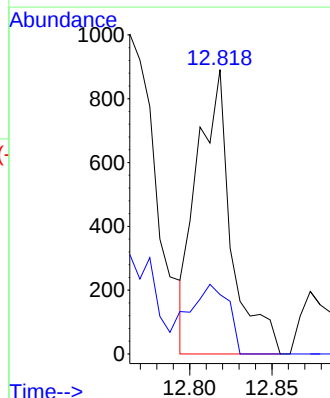
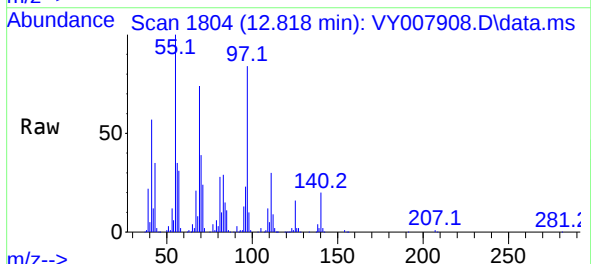
Acq: 18 Mar 2022 17:31

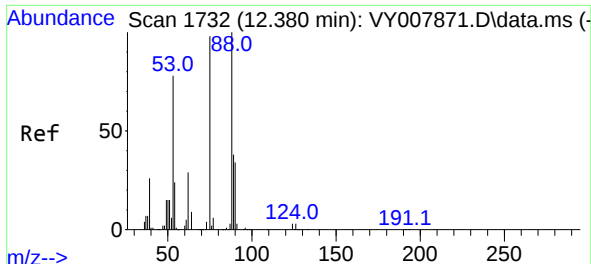
Tgt Ion: 105 Resp: 1290

Ion Ratio Lower Upper

105 100

120 28.5 24.4 73.4

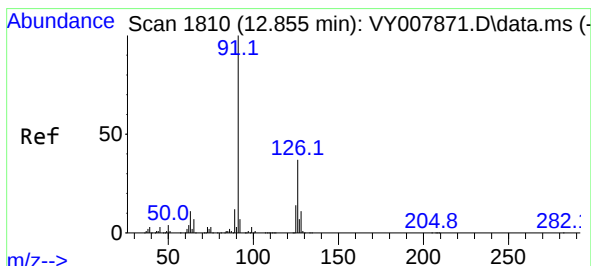
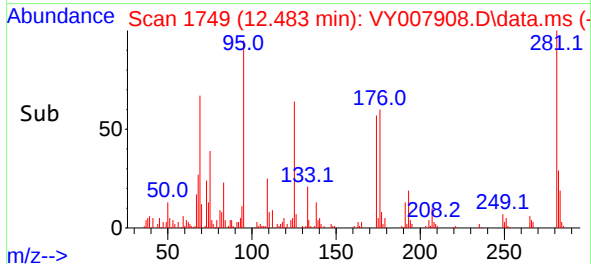
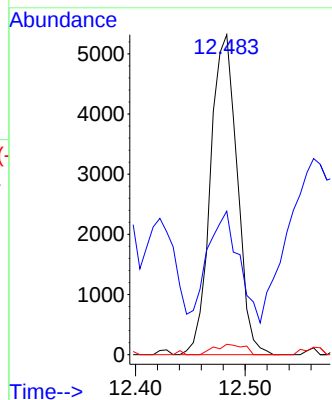
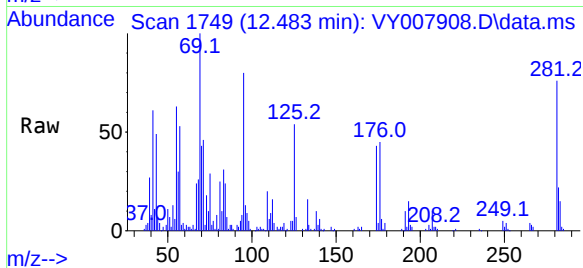




#81
trans-1,4-Dichloro-2-butene
Concen: 78.375 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

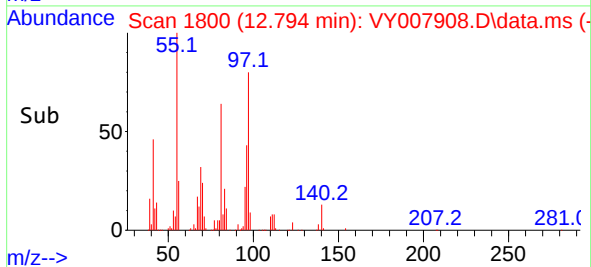
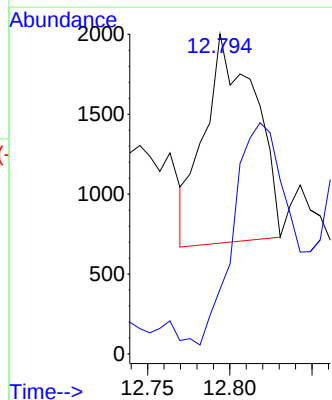
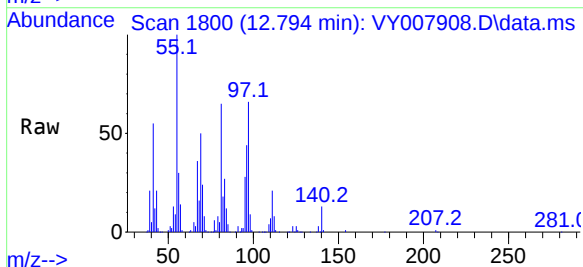
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

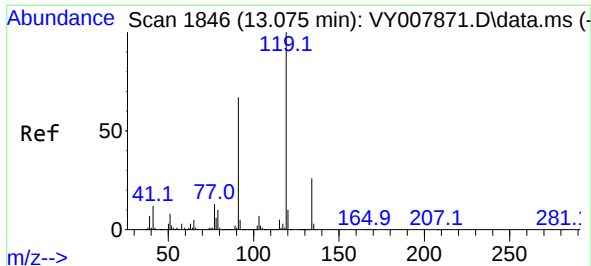
Tgt Ion: 75 Resp: 8999
Ion Ratio Lower Upper
75 100
53 40.9 85.3 127.9#
89 3.6 37.0 55.4#



#82
4-Chlorotoluene
Concen: 2.647 ug/l
RT: 12.794 min Scan# 1800
Delta R.T. -0.061 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 91 Resp: 2782
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#

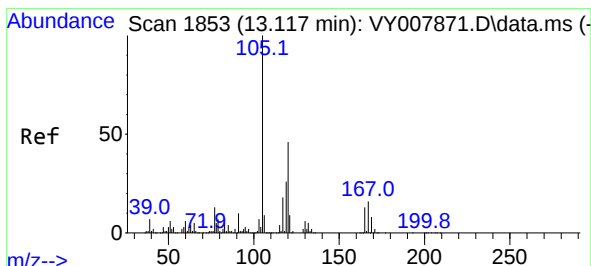
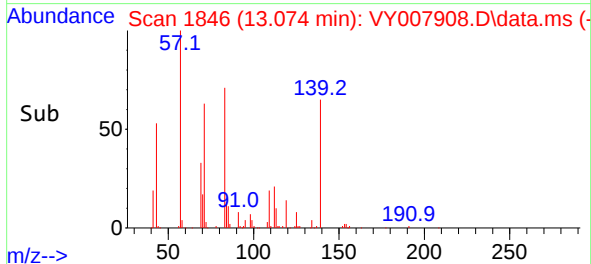
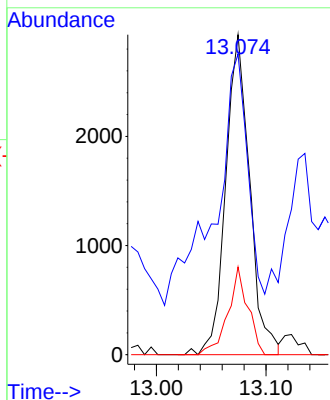
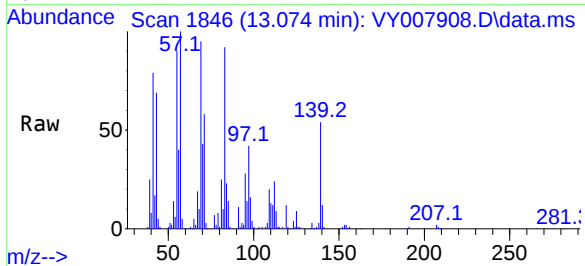




#83
tert-Butylbenzene
Concen: 4.067 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

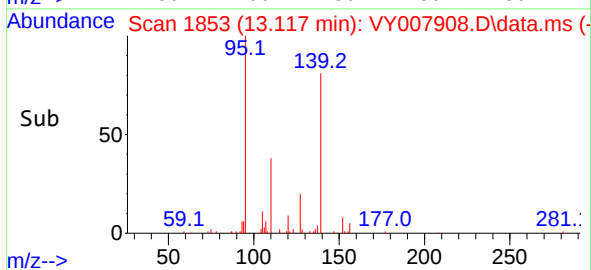
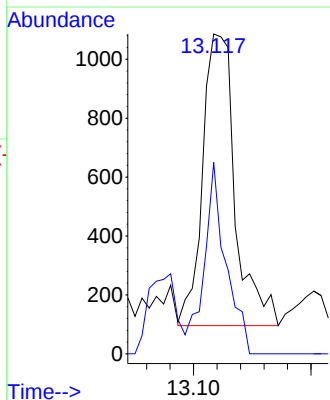
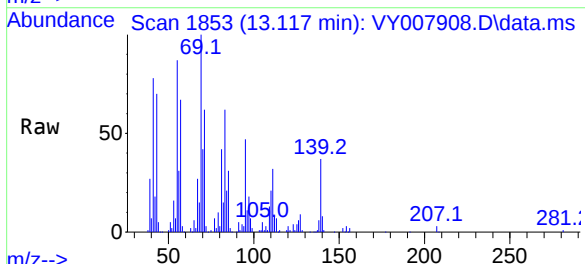
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

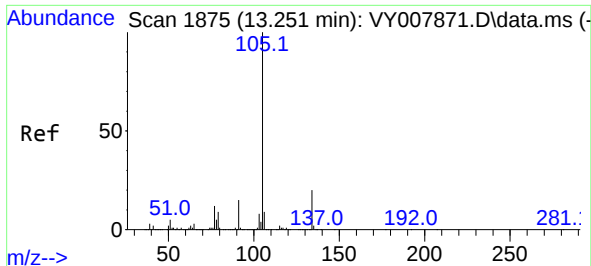
Tgt Ion:119 Resp: 4458
Ion Ratio Lower Upper
119 100
91 106.1 34.8 104.4#
134 22.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 1.584 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion:105 Resp: 1902
Ion Ratio Lower Upper
105 100
120 43.1 22.3 66.9

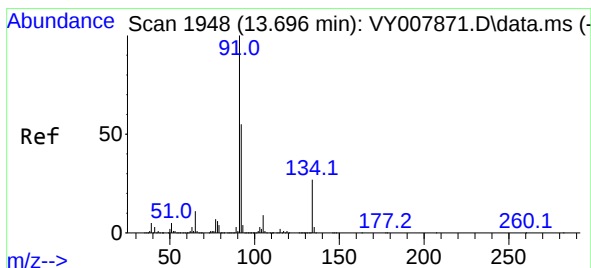
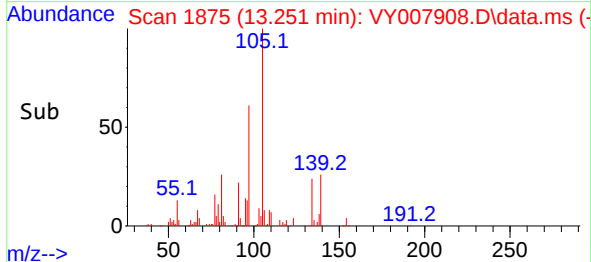
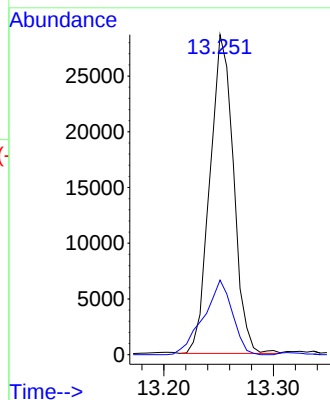
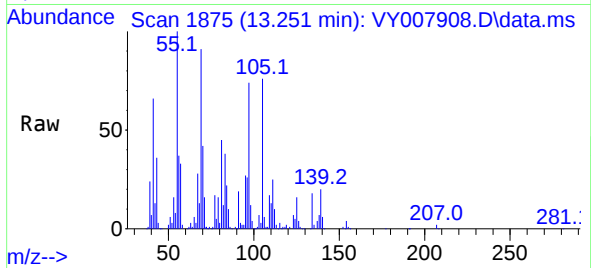




#85
 sec-Butylbenzene
 Concen: 26.059 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY007908.D
 Acq: 18 Mar 2022 17:31

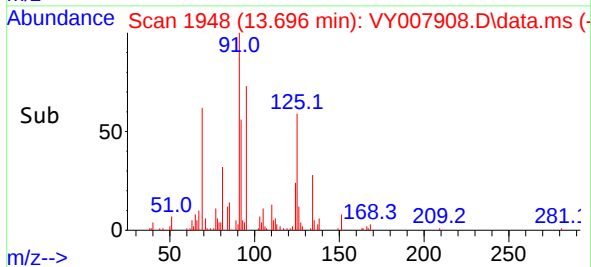
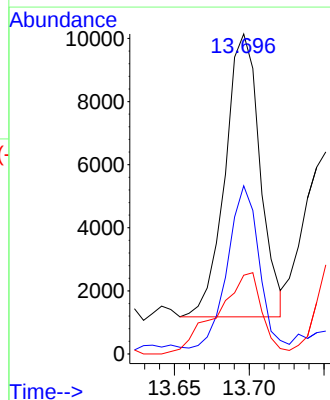
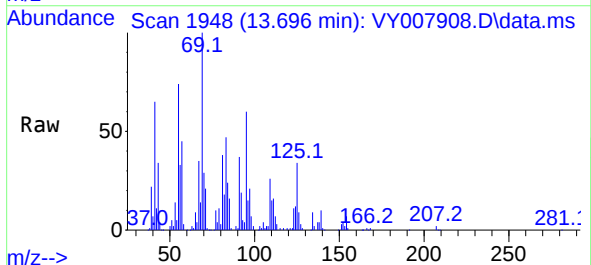
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22

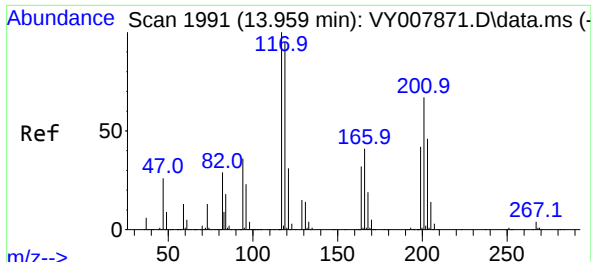
Tgt Ion:105 Resp: 42804
 Ion Ratio Lower Upper
 105 100
 134 28.4 10.2 30.4



#89
 n-Butylbenzene
 Concen: 11.383 ug/l
 RT: 13.696 min Scan# 1948
 Delta R.T. -0.000 min
 Lab File: VY007908.D
 Acq: 18 Mar 2022 17:31

Tgt Ion: 91 Resp: 14567
 Ion Ratio Lower Upper
 91 100
 92 51.1 26.3 78.9
 134 36.9 13.0 38.9

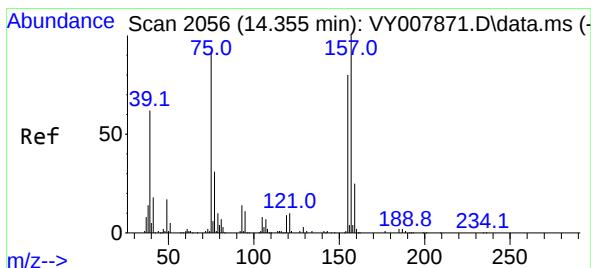
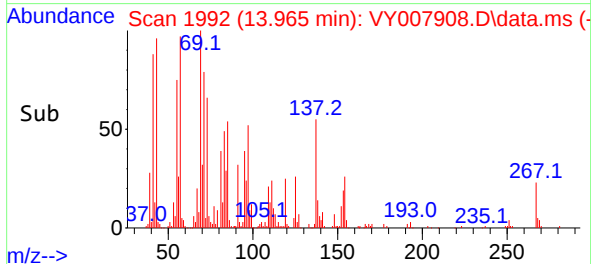
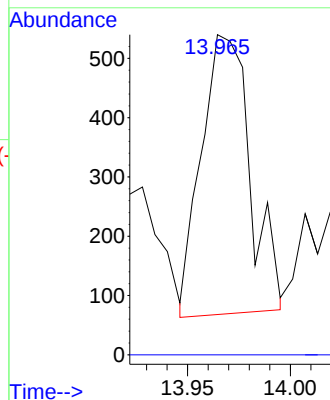
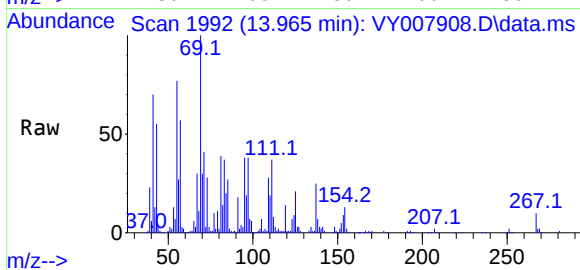




#90
Hexachloroethane
Concen: 2.938 ug/l
RT: 13.965 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

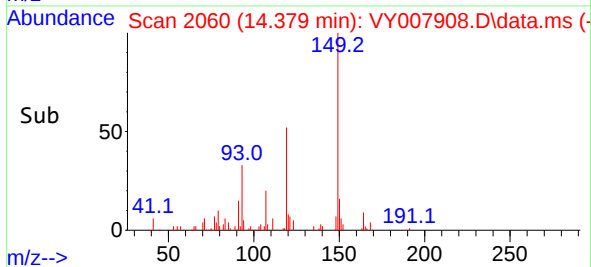
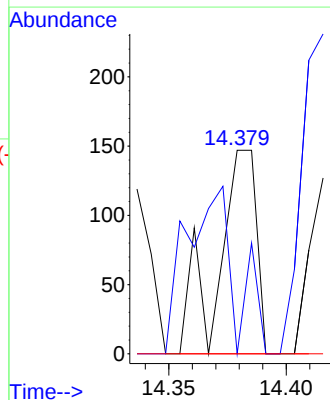
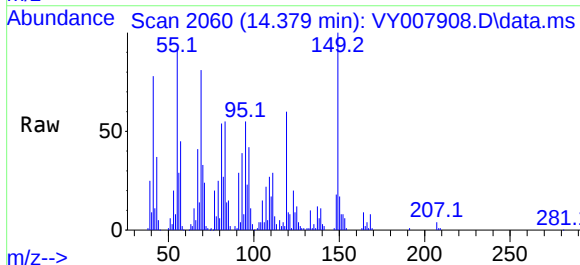
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

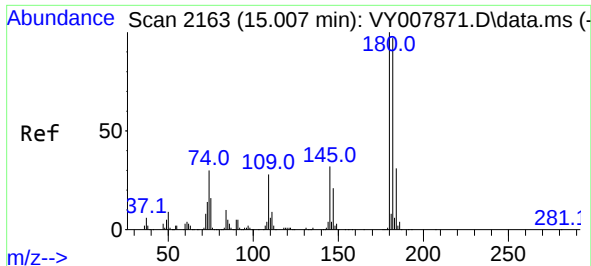
Tgt Ion:117 Resp: 782
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.028 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.024 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion: 75 Resp: 167
Ion Ratio Lower Upper
75 100
155 104.8 38.0 113.9
157 0.0 47.8 143.3#

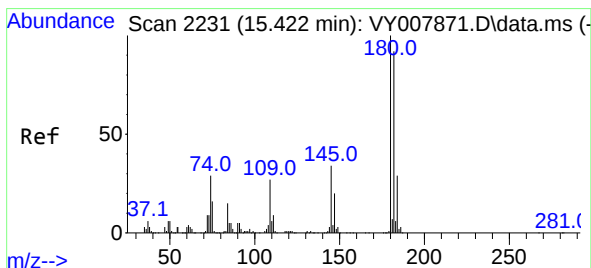
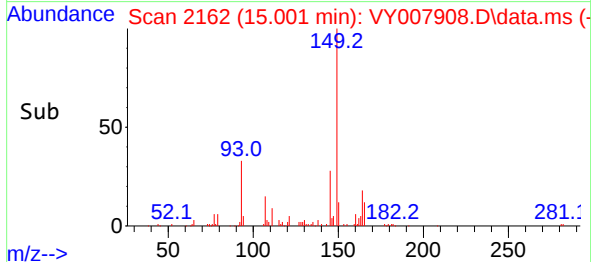
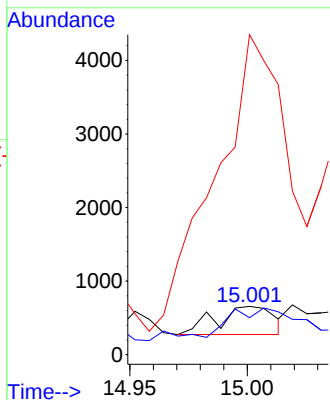
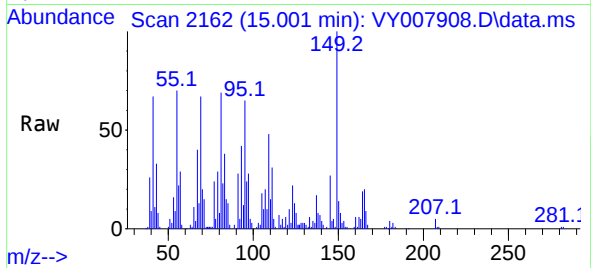




#93
1,2,4-Trichlorobenzene
Concen: 1.720 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22

Tgt Ion:180 Resp: 650
Ion Ratio Lower Upper
180 100
182 128.2 47.3 141.9
145 1507.7 14.6 43.8#



#96
1,2,3-Trichlorobenzene
Concen: 5.010 ug/l
RT: 15.446 min Scan# 2235
Delta R.T. 0.018 min
Lab File: VY007908.D
Acq: 18 Mar 2022 17:31

Tgt Ion:180 Resp: 1670
Ion Ratio Lower Upper
180 100
182 0.0 47.3 141.9#
145 20.6 15.3 45.9

