

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007925.D
 Acq On : 19 Mar 2022 01:39
 Operator : SY/MD
 Sample : N1958-05
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-5-4-5

Quant Time: Mar 21 03:18:17 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)

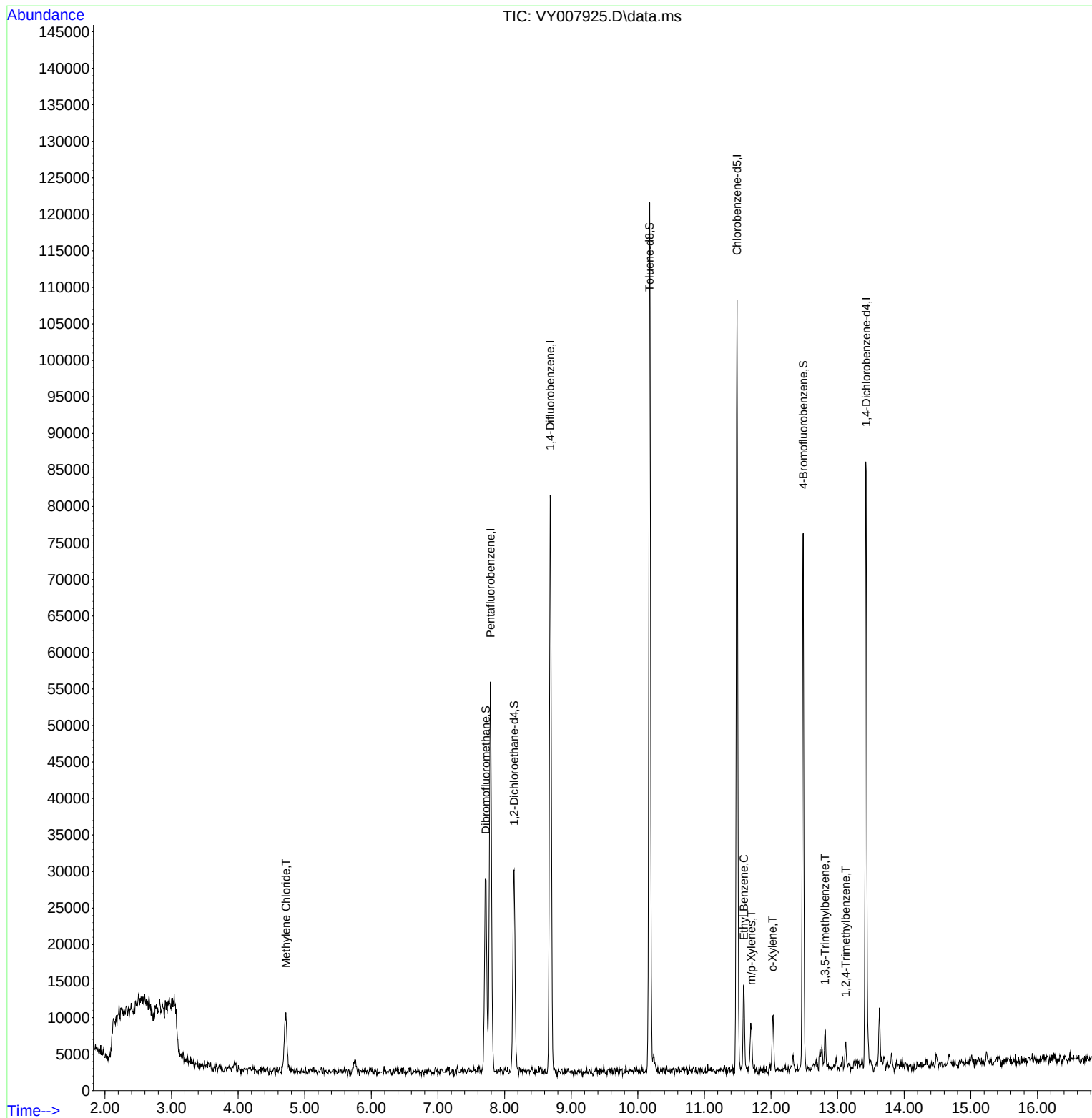
Internal Standards						
1) Pentafluorobenzene	7.789	168	38879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	55274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	20861	47.059	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.716	113	19932	41.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.720%
50) Toluene-d8	10.179	98	79726	55.435	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.880%
62) 4-Bromofluorobenzene	12.483	95	24131	34.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.780%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.716	84	5750	8.796	ug/l	92
67) Ethyl Benzene	11.593	91	7980	3.383	ug/l	96
68) m/p-Xylenes	11.703	106	2153	2.340	ug/l	97
69) o-Xylene	12.026	106	2062	2.317	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	2594	1.871	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	2243	1.650	ug/l	97

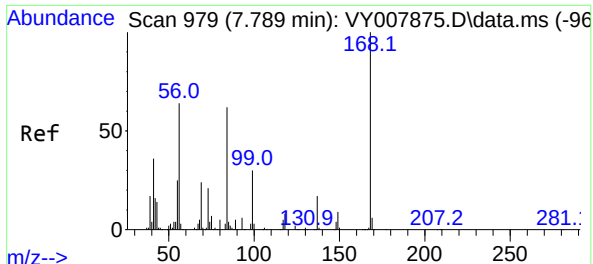
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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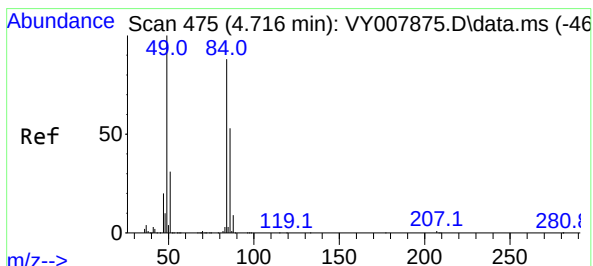
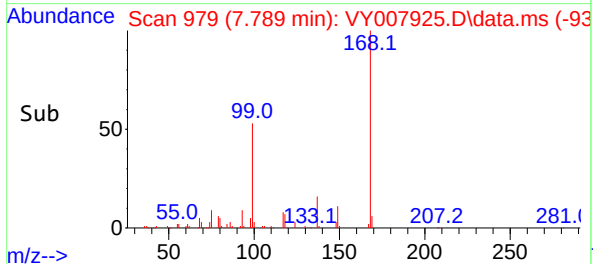
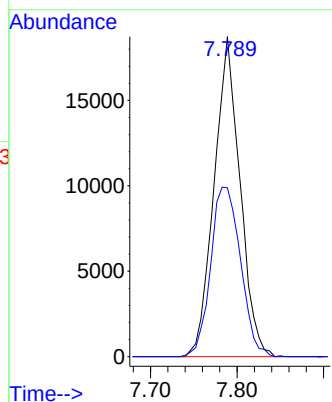
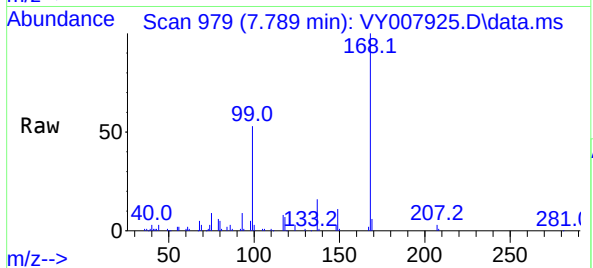




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

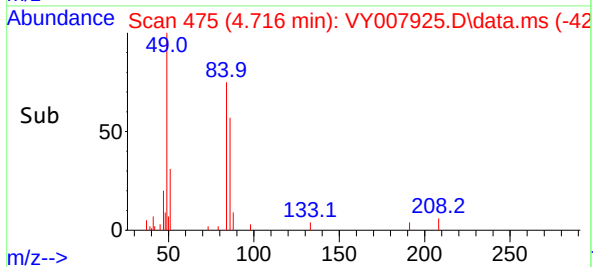
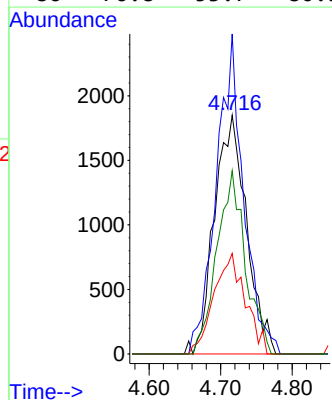
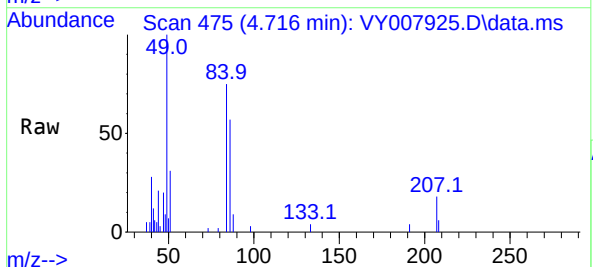
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

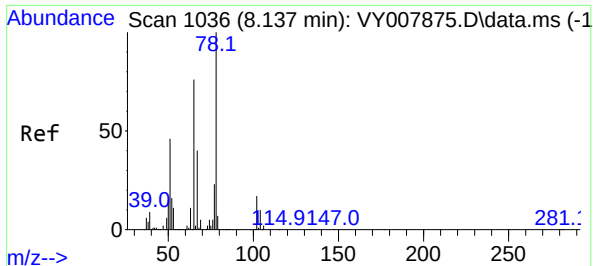
Tgt Ion:168 Resp: 38879
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#20
Methylene Chloride
Concen: 8.796 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 84 Resp: 5750
Ion Ratio Lower Upper
84 100
49 134.0 114.4 171.6
51 42.1 35.3 52.9
86 76.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 47.059 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY007925.D

Acq: 19 Mar 2022 01:39

Instrument :

MSVOA_Y

ClientSampleId :

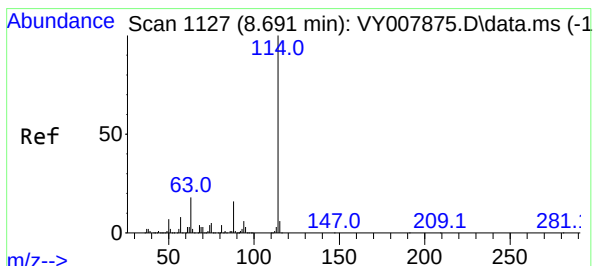
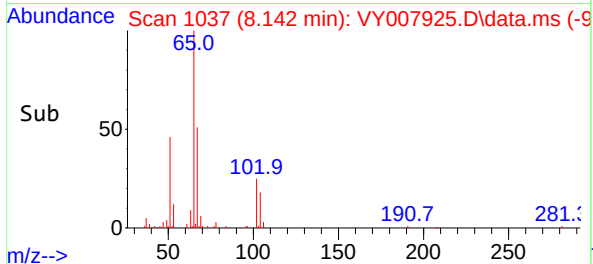
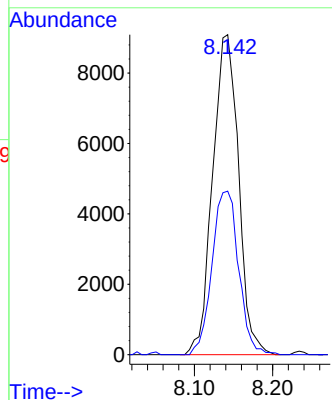
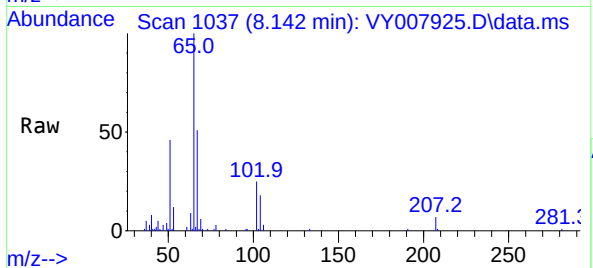
C-5-4-5

Tgt Ion: 65 Resp: 20861

Ion Ratio Lower Upper

65 100

67 52.6 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: VY007925.D

Acq: 19 Mar 2022 01:39

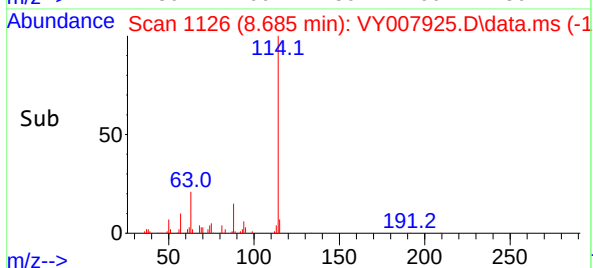
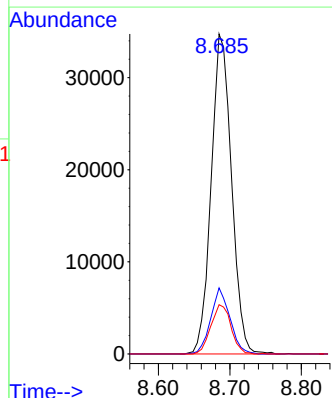
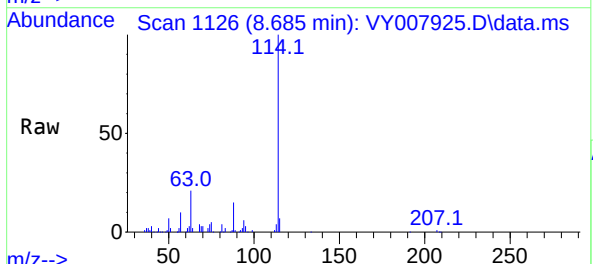
Tgt Ion: 114 Resp: 68622

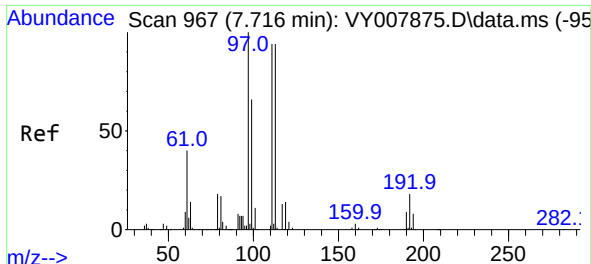
Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 15.4 0.0 31.8

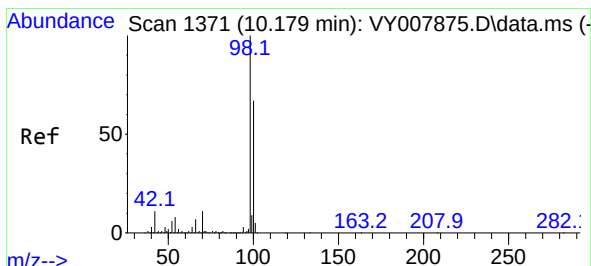
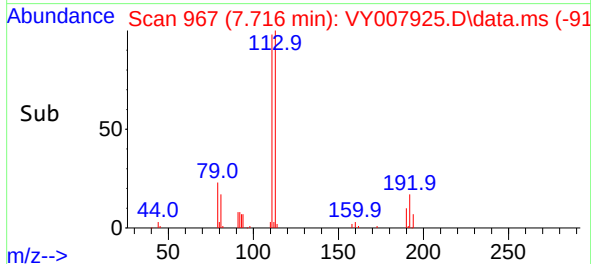
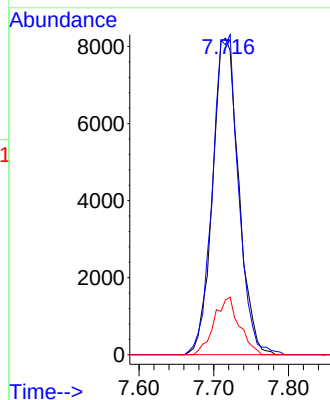
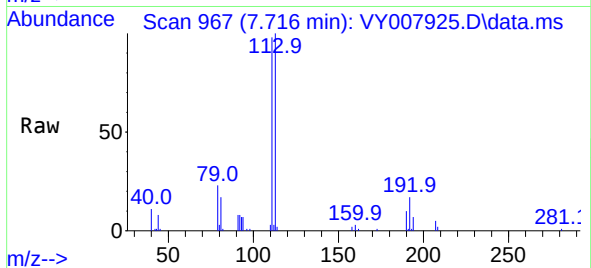




#35
Dibromofluoromethane
Concen: 41.359 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

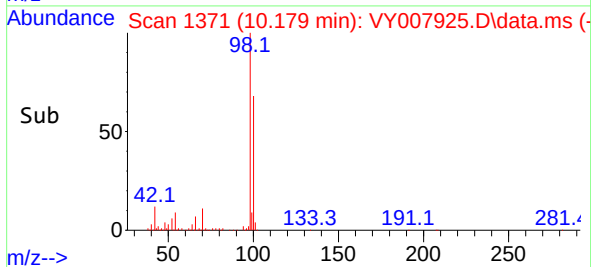
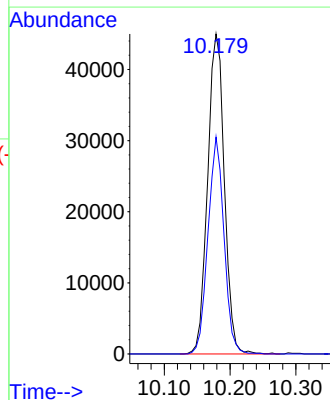
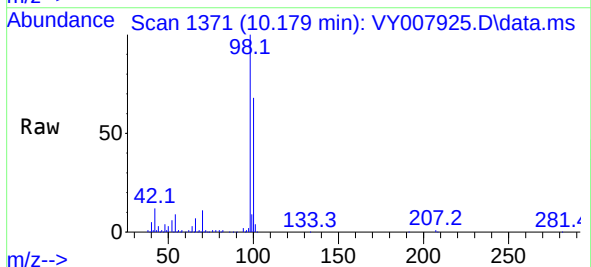
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

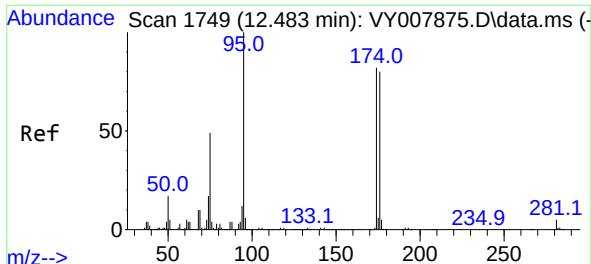
Tgt Ion:113 Resp: 19932
Ion Ratio Lower Upper
113 100
111 100.4 82.6 124.0
192 17.6 17.6 26.4#



#50
Toluene-d8
Concen: 55.435 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 98 Resp: 79726
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

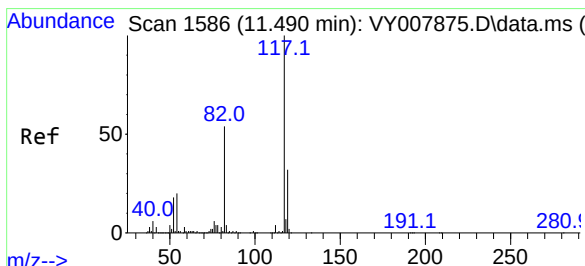
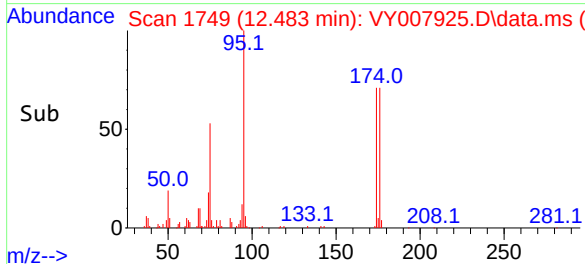
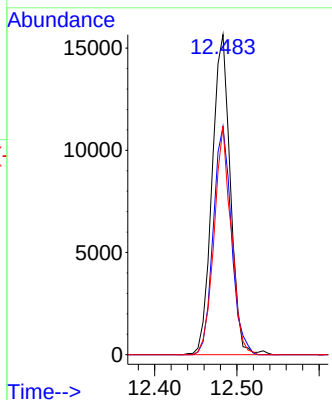
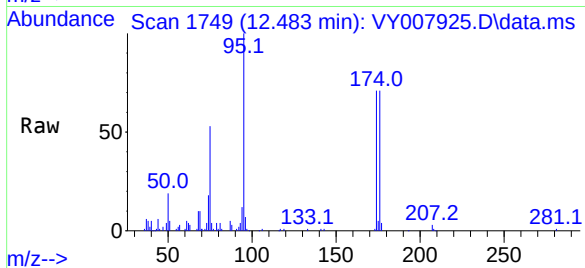




#62
4-Bromofluorobenzene
Concen: 34.889 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

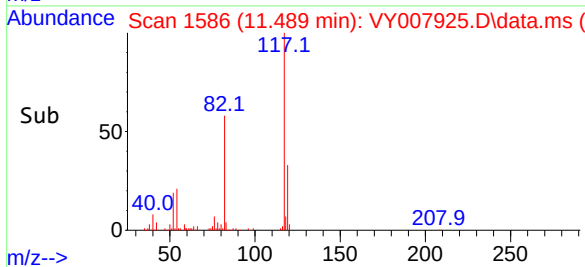
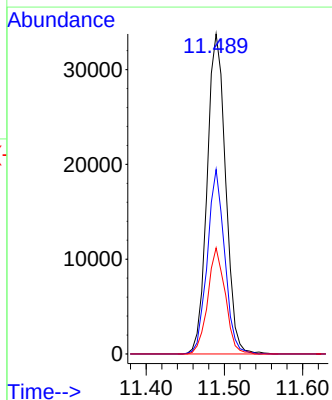
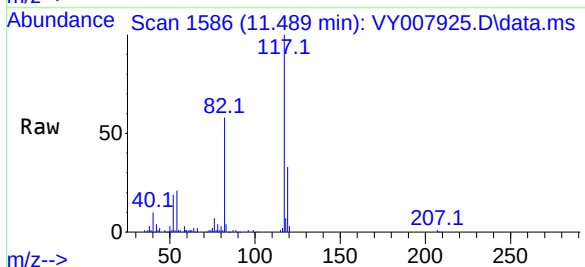
Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

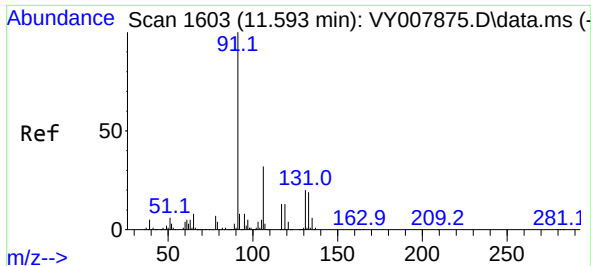
Tgt Ion: 95 Resp: 24131
Ion Ratio Lower Upper
95 100
174 71.0 0.0 177.0
176 67.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 117 Resp: 55274
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 33.1 25.4 38.0

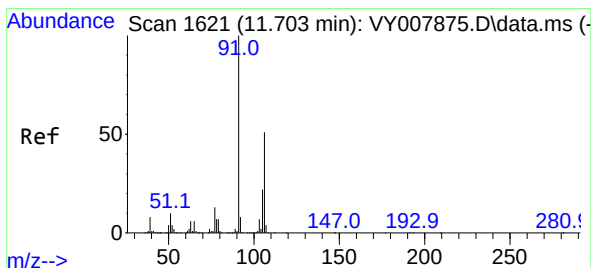
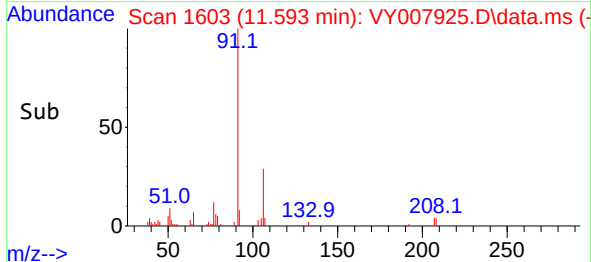
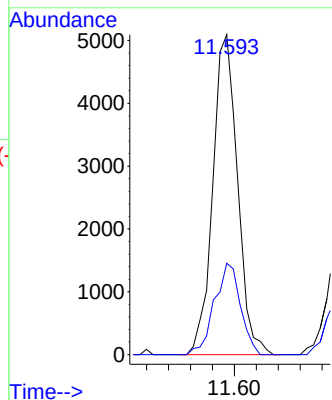
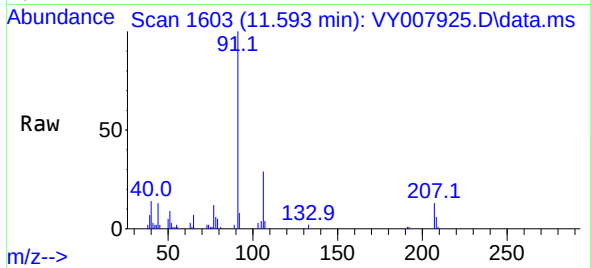




#67
Ethyl Benzene
Concen: 3.383 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

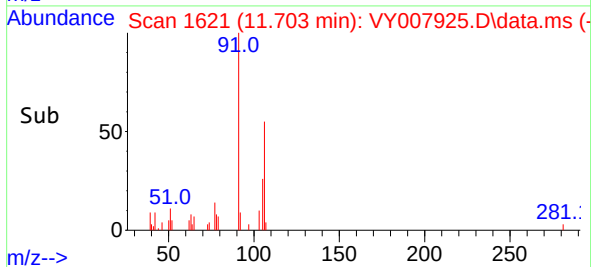
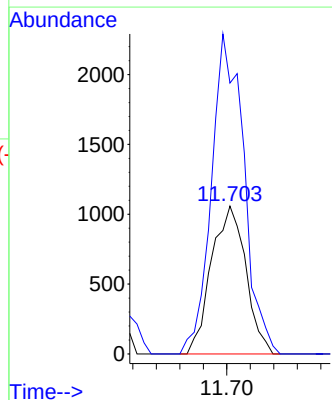
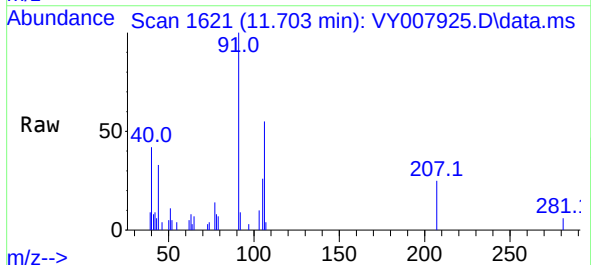
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C-5-4-5

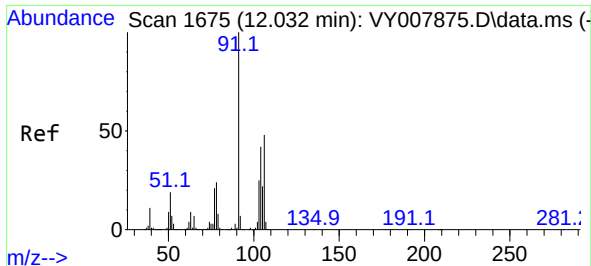
Tgt Ion: 91 Resp: 7980
Ion Ratio Lower Upper
91 100
106 28.6 24.5 36.7



#68
m/p-Xylenes
Concen: 2.340 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion: 106 Resp: 2153
Ion Ratio Lower Upper
106 100
91 203.8 166.6 249.8

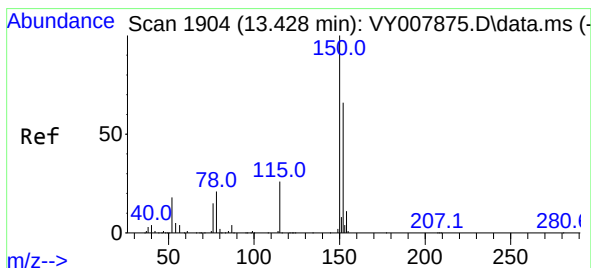
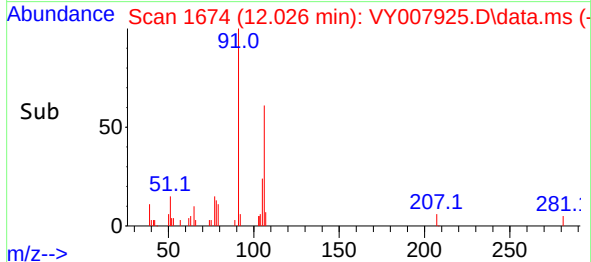
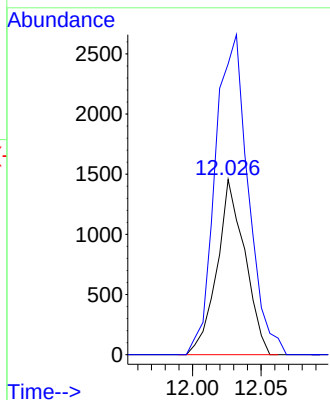
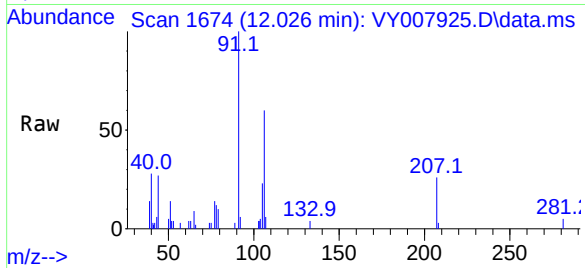




#69
o-Xylene
Concen: 2.317 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

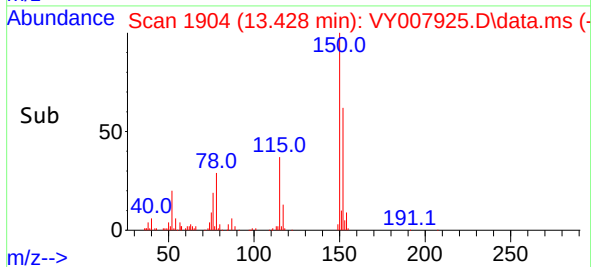
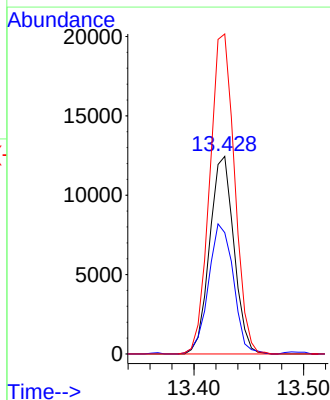
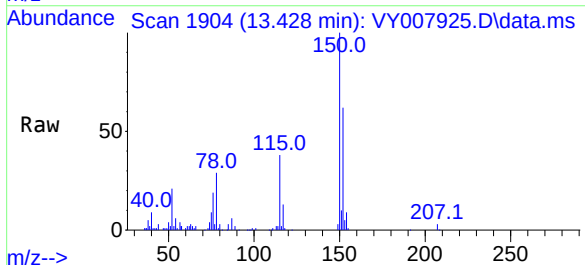
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C-5-4-5

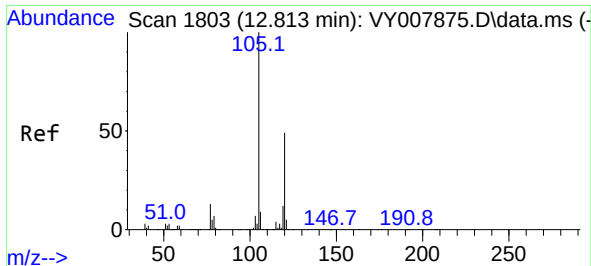
Tgt Ion:106 Resp: 2062
Ion Ratio Lower Upper
106 100
91 215.4 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion:152 Resp: 19153
Ion Ratio Lower Upper
152 100
115 67.7 28.2 84.7
150 165.8 0.0 347.6

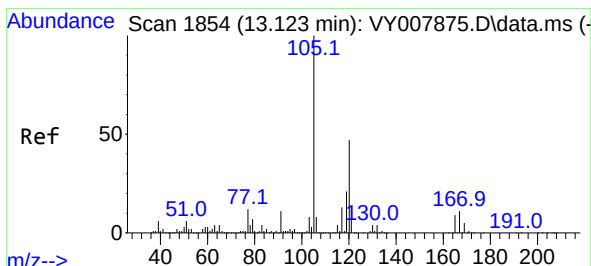
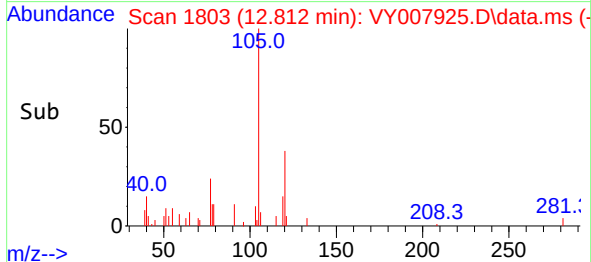
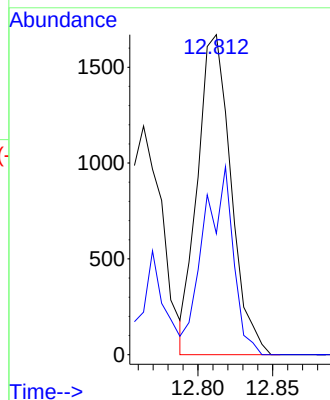
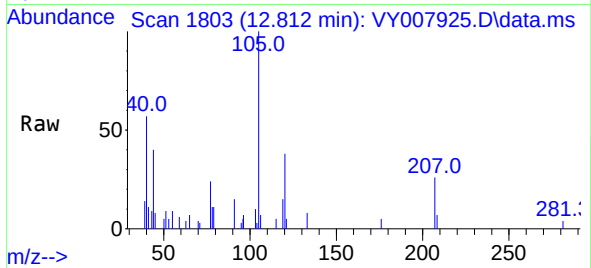




#80
1,3,5-Trimethylbenzene
Concen: 1.871 ug/l
RT: 12.812 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Instrument :
MSVOA_Y
ClientSampleId :
C-5-4-5

Tgt Ion:105 Resp: 2594
Ion Ratio Lower Upper
105 100
120 52.0 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 1.650 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY007925.D
Acq: 19 Mar 2022 01:39

Tgt Ion:105 Resp: 2243
Ion Ratio Lower Upper
105 100
120 46.4 22.3 66.9

