

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007923.D
 Acq On : 19 Mar 2022 00:52
 Operator : SY/MD
 Sample : N1958-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C-3-2-3

Quant Time: Mar 19 01:41:26 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)

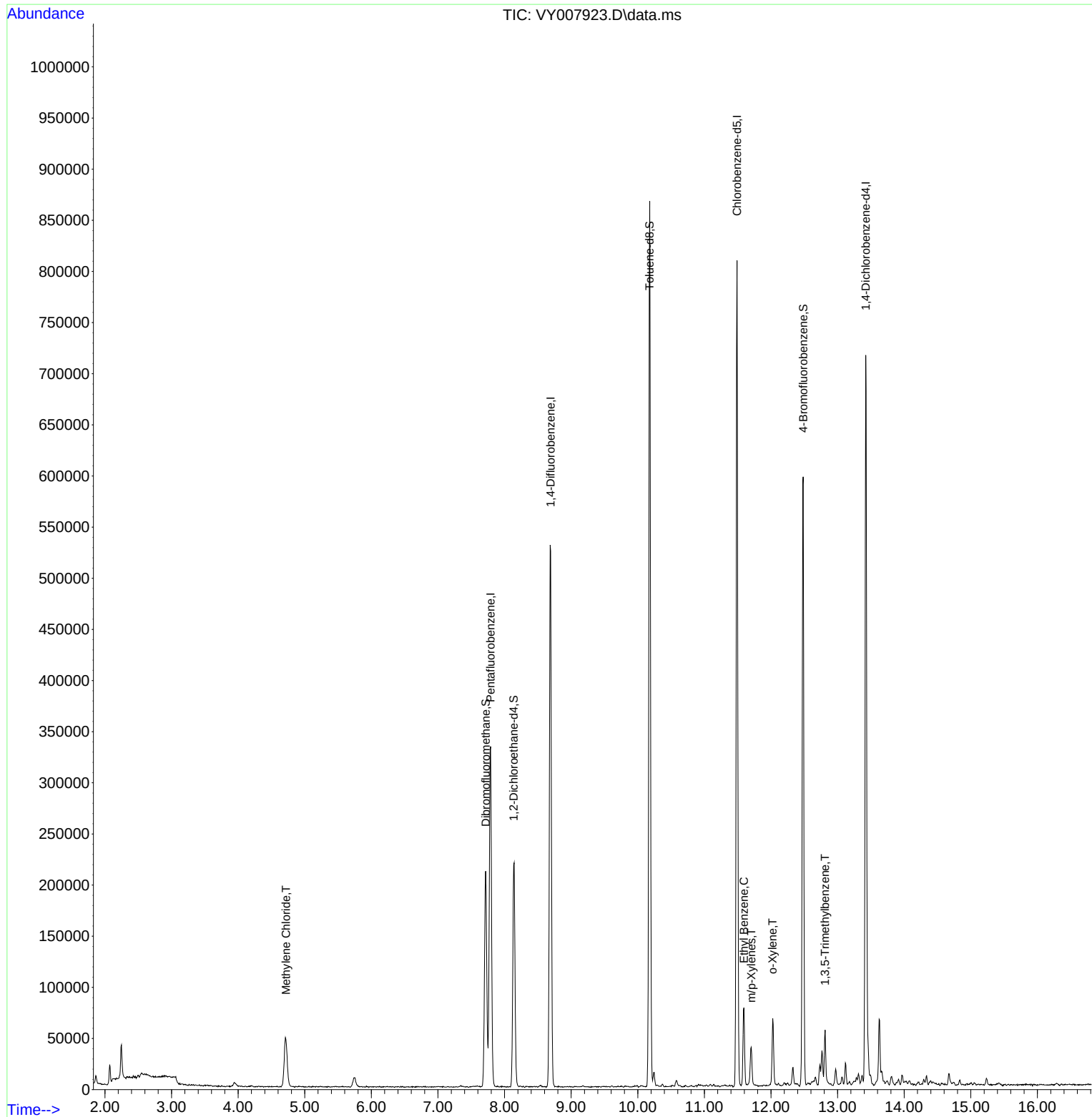
Internal Standards						
1) Pentafluorobenzene	7.789	168	256965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	472388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	429860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	166513	56.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.660%
35) Dibromofluoromethane	7.716	113	151389	45.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.260%
50) Toluene-d8	10.179	98	568175	57.616	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.240%
62) 4-Bromofluorobenzene	12.483	95	197845	41.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.100%
Target Compounds						
20) Methylene Chloride	4.716	84	37282	8.532	ug/l #	81
67) Ethyl Benzene	11.593	91	53978	2.943	ug/l	99
68) m/p-Xylenes	11.703	106	11850	1.656	ug/l	94
69) o-Xylene	12.026	106	16728	2.417	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	23962	1.866	ug/l	99

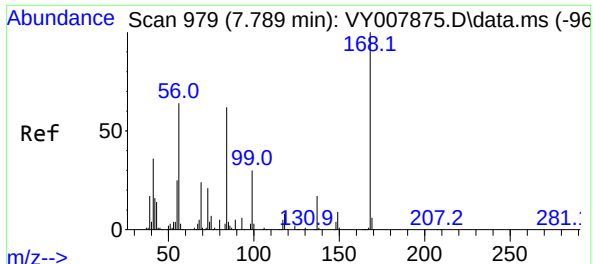
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007923.D
Acq On : 19 Mar 2022 00:52
Operator : SY/MD
Sample : N1958-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-3-2-3

Quant Time: Mar 19 01:41:26 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

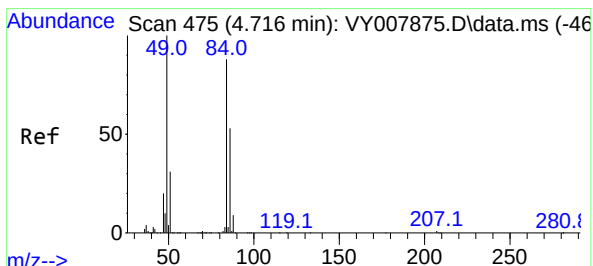
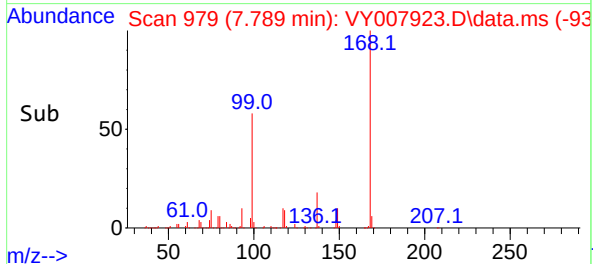
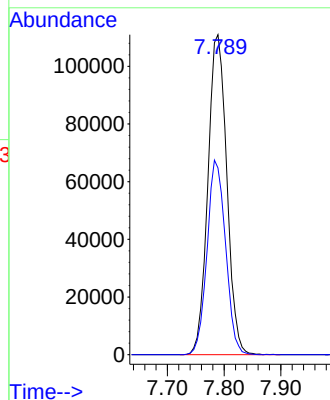
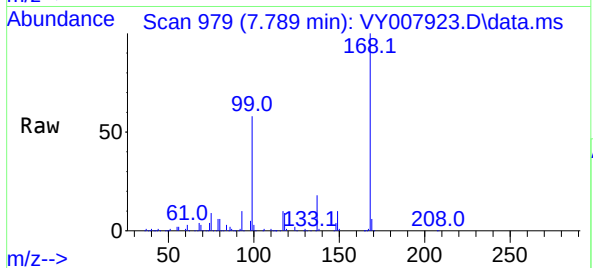




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

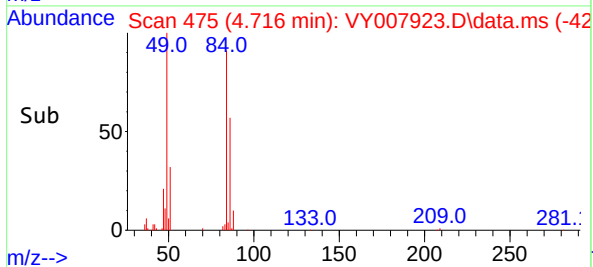
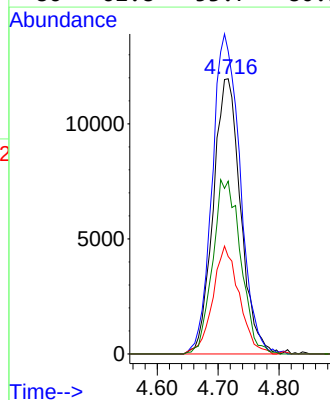
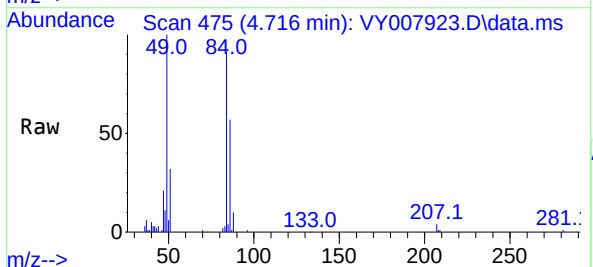
Instrument :
MSVOA_Y
ClientSampleId :
C-3-2-3

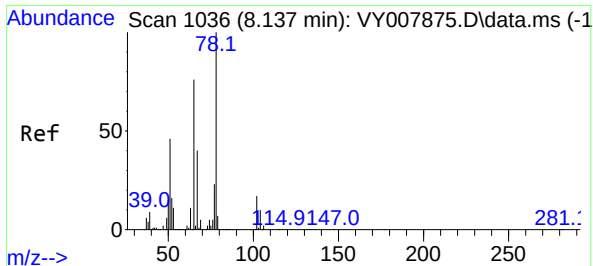
Tgt Ion:168 Resp: 256965
Ion Ratio Lower Upper
168 100
99 58.3 46.9 70.3



#20
Methylene Chloride
Concen: 8.532 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

Tgt Ion: 84 Resp: 37282
Ion Ratio Lower Upper
84 100
49 110.0 114.4 171.6#
51 35.4 35.3 52.9
86 62.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.833 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007923.D

Acq: 19 Mar 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

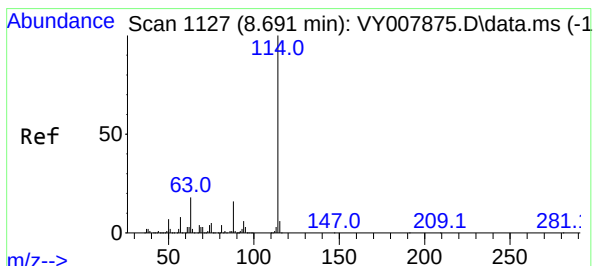
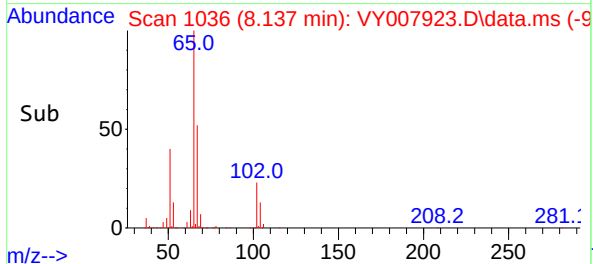
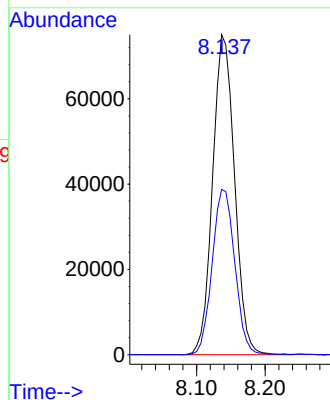
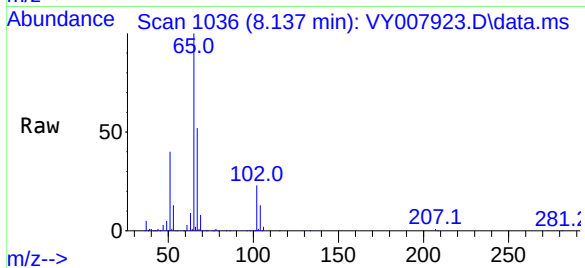
C-3-2-3

Tgt Ion: 65 Resp: 166513

Ion Ratio Lower Upper

65 100

67 53.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007923.D

Acq: 19 Mar 2022 00:52

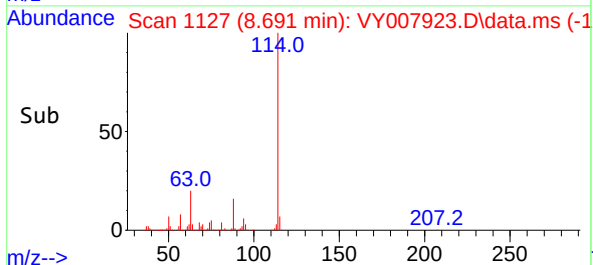
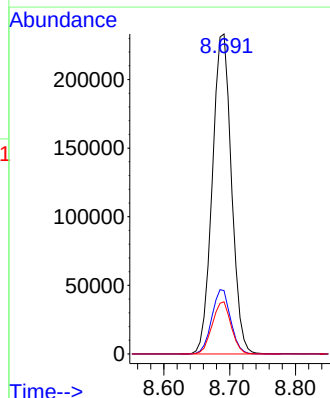
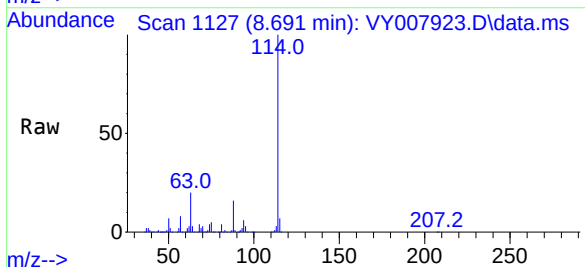
Tgt Ion: 114 Resp: 472388

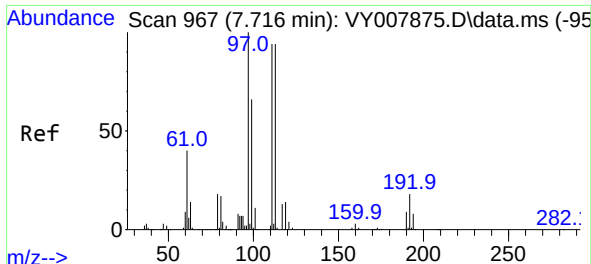
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 16.3 0.0 31.8

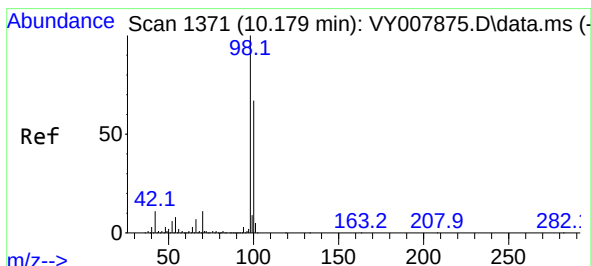
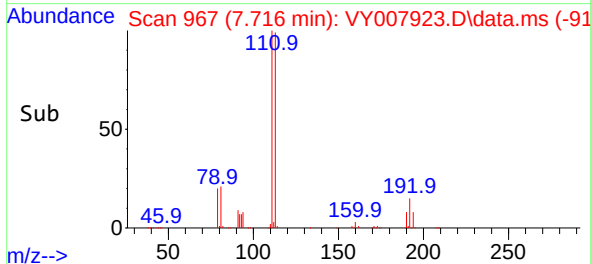
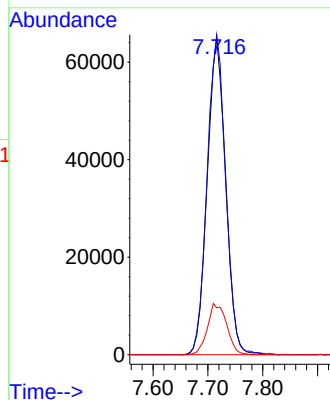
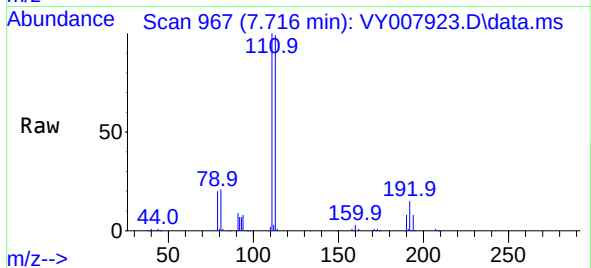




#35
Dibromofluoromethane
Concen: 45.633 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

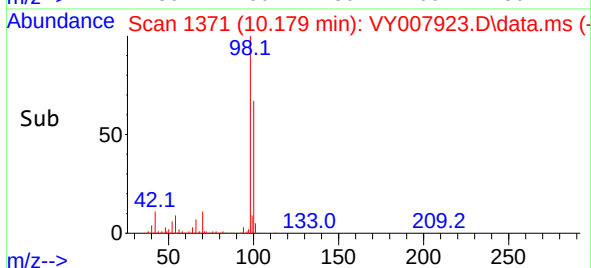
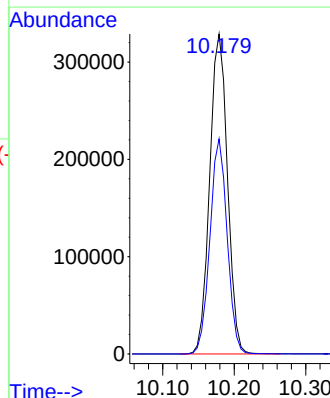
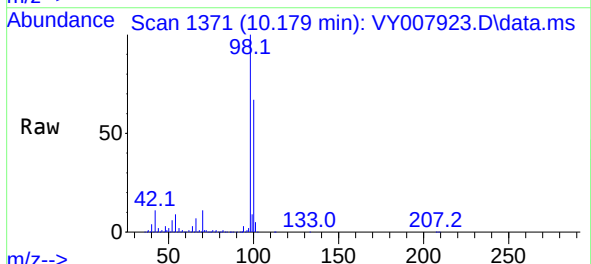
Instrument :
MSVOA_Y
ClientSampleId :
C-3-2-3

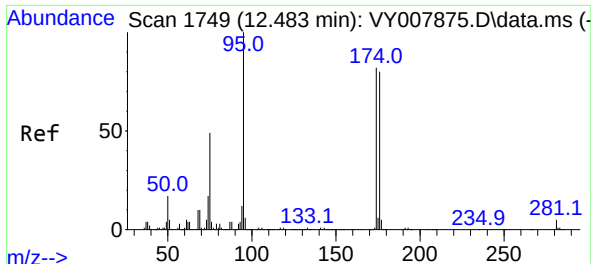
Tgt Ion:113 Resp: 151389
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 16.9 17.6 26.4#



#50
Toluene-d8
Concen: 57.616 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

Tgt Ion: 98 Resp: 568175
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2

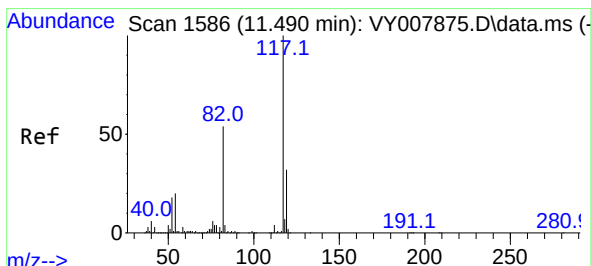
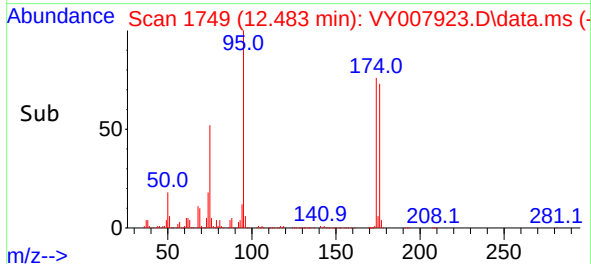
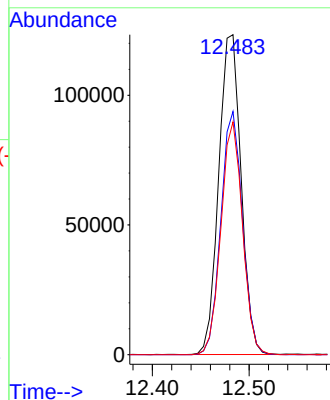
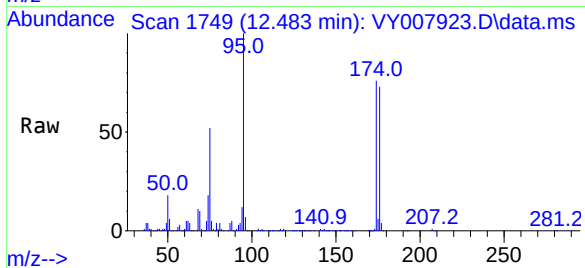




#62
4-Bromofluorobenzene
Concen: 41.553 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

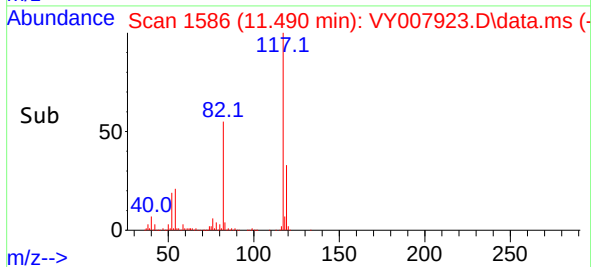
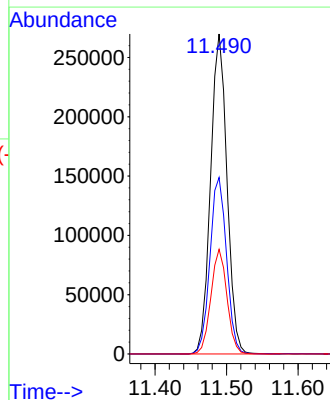
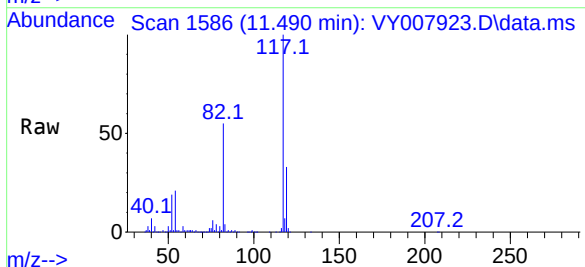
Instrument :
MSVOA_Y
ClientSampleId :
C-3-2-3

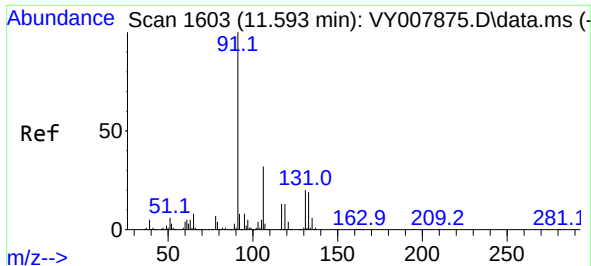
Tgt Ion: 95 Resp: 197845
Ion Ratio Lower Upper
95 100
174 73.4 0.0 177.0
176 70.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

Tgt Ion: 117 Resp: 429860
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 32.7 25.4 38.0





#67

Ethyl Benzene

Concen: 2.943 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY007923.D

Acq: 19 Mar 2022 00:52

Instrument :

MSVOA_Y

ClientSampleId :

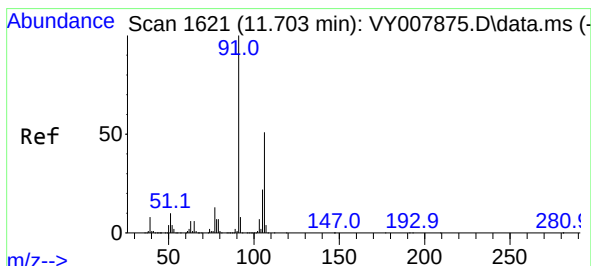
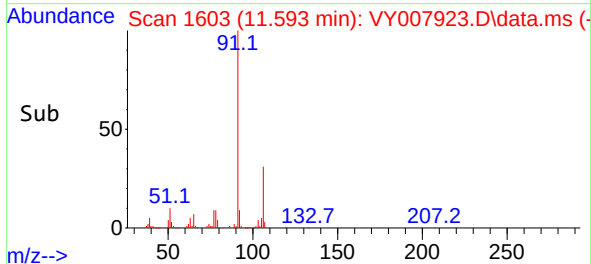
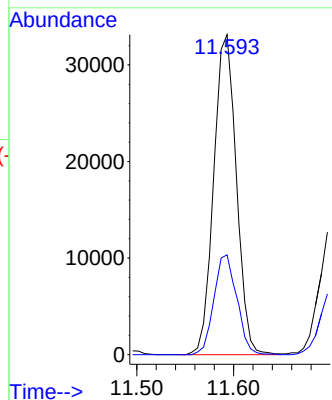
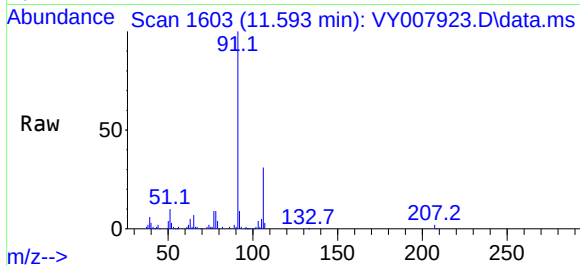
C-3-2-3

Tgt Ion: 91 Resp: 53978

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 1.656 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY007923.D

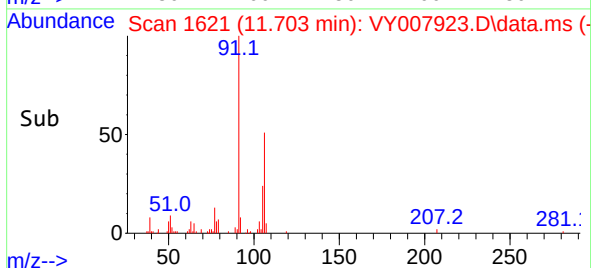
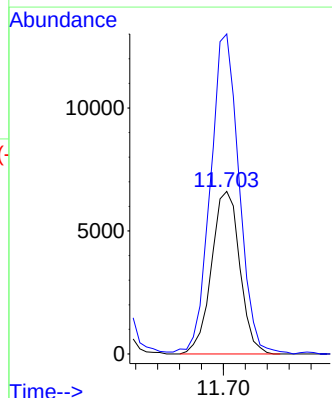
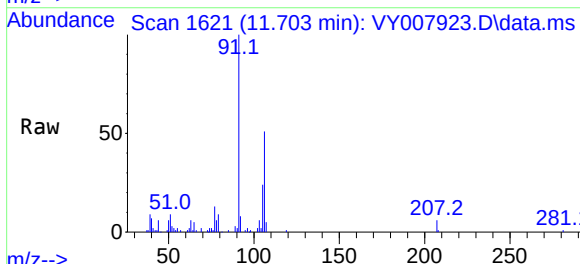
Acq: 19 Mar 2022 00:52

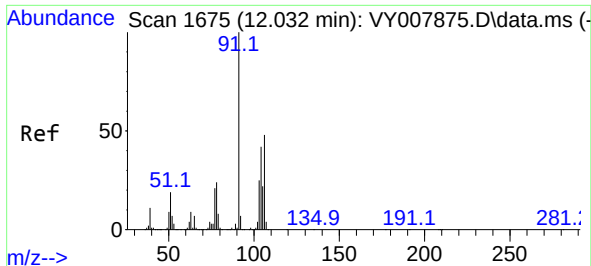
Tgt Ion: 106 Resp: 11850

Ion Ratio Lower Upper

106 100

91 199.6 166.6 249.8

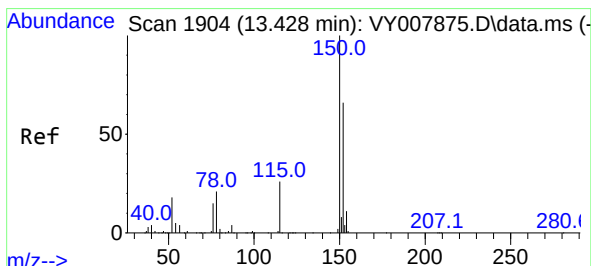
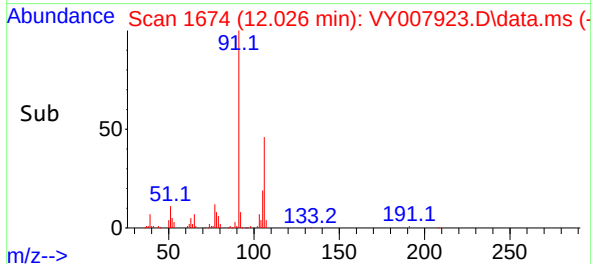
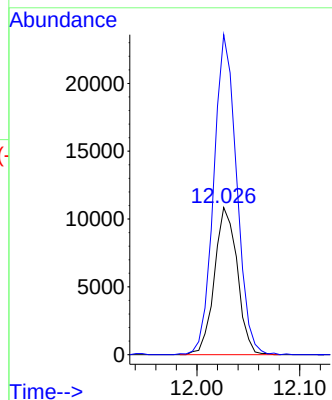
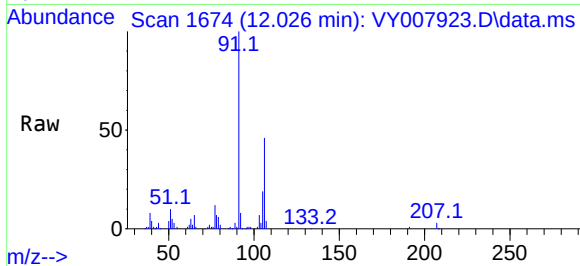




#69
o-Xylene
Concen: 2.417 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

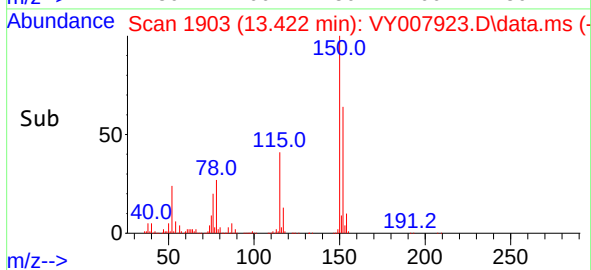
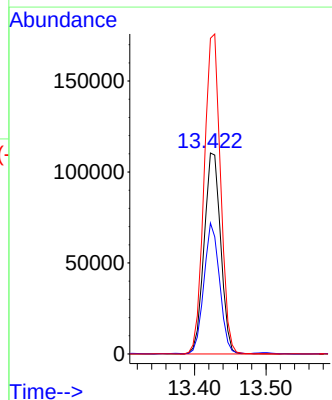
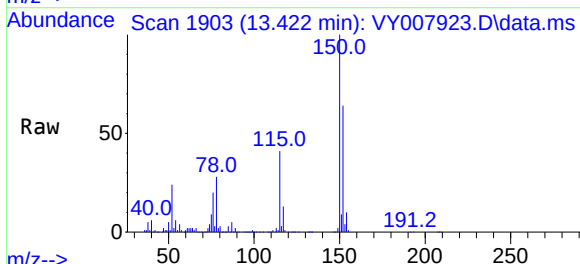
Instrument :
MSVOA_Y
ClientSampleId :
C-3-2-3

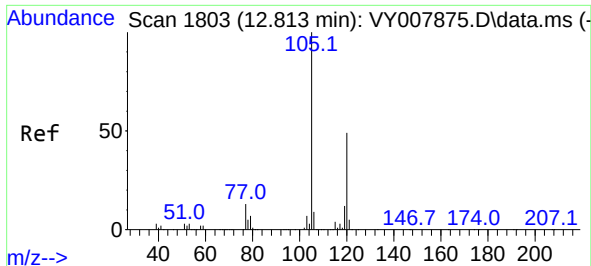
Tgt Ion:106 Resp: 16728
Ion Ratio Lower Upper
106 100
91 218.5 110.3 331.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

Tgt Ion:152 Resp: 177363
Ion Ratio Lower Upper
152 100
115 61.6 28.2 84.7
150 157.9 0.0 347.6





#80
1,3,5-Trimethylbenzene
Concen: 1.866 ug/l
RT: 12.813 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007923.D
Acq: 19 Mar 2022 00:52

Instrument :
MSVOA_Y
ClientSampleId :
C-3-2-3

Tgt Ion:105 Resp: 23962
Ion Ratio Lower Upper
105 100
120 49.3 24.4 73.4

