

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015516.D
 Acq On : 12 Sep 2023 18:34
 Operator : SY/MD
 Sample : 04374-04
 Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-3-(5-10)

Quant Time: Sep 13 05:56:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

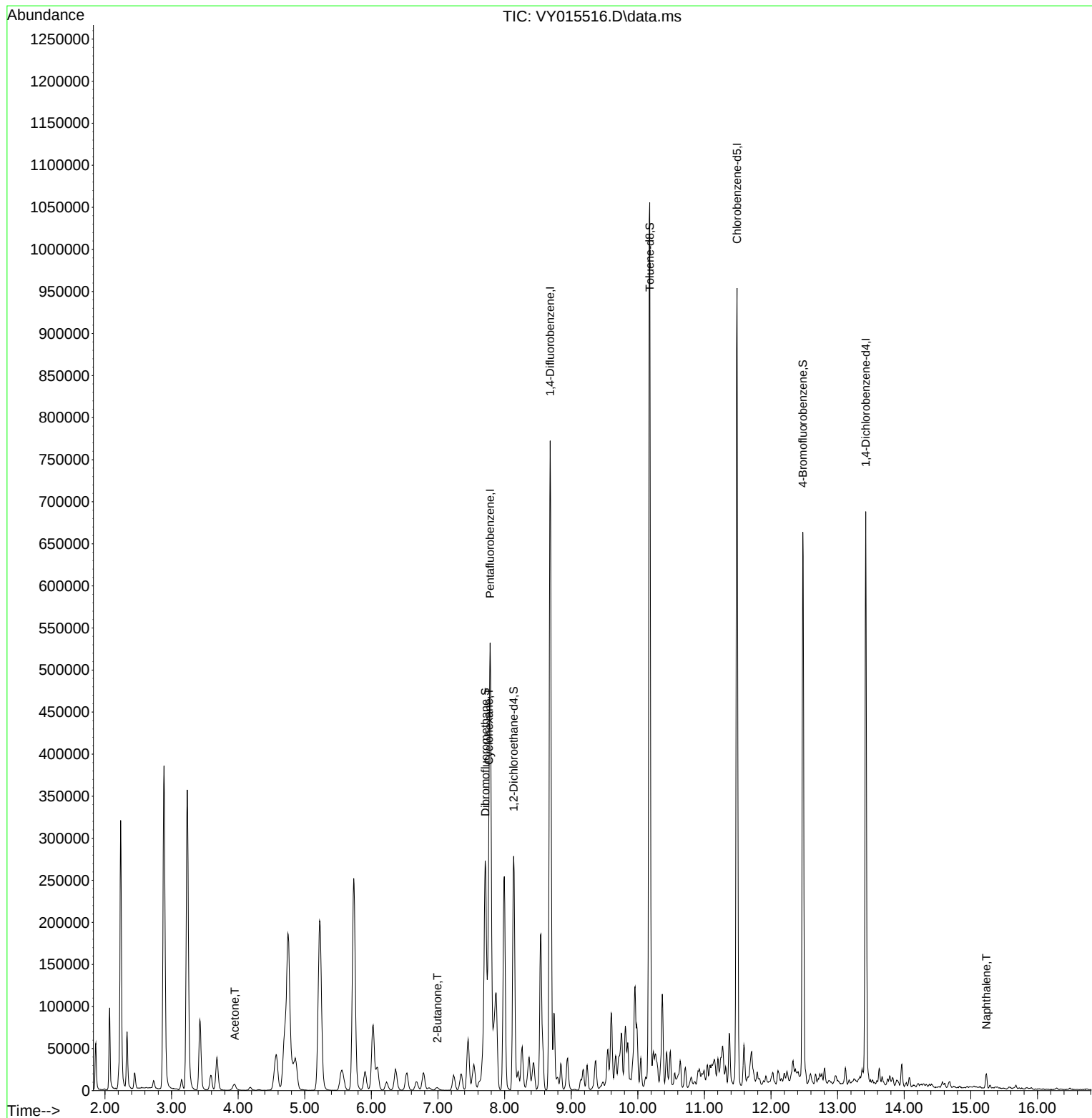
Internal Standards						
1) Pentafluorobenzene	7.783	168	367368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	597968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	500057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	217485	55.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.460%	
35) Dibromofluoromethane	7.710	113	186143	54.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.100%	
50) Toluene-d8	10.179	98	693527	55.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.477	95	193385	41.765	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.540%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	12141	7.386	ug/l	96
25) 2-Butanone	6.990	43	4885	2.095	ug/l	97
31) Cyclohexane	7.765	56	32786	4.687	ug/l #	77
95) Naphthalene	15.233	128	14568	1.736	ug/l	98

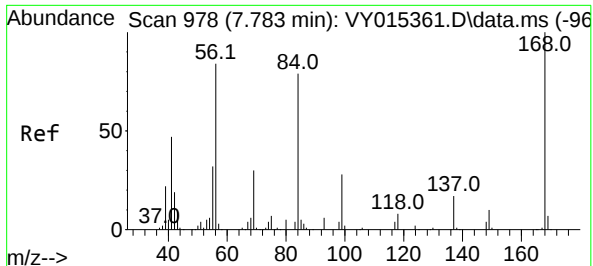
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
Data File : VY015516.D
Acq On : 12 Sep 2023 18:34
Operator : SY/MD
Sample : 04374-04
Misc : 4.43g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(5-10)

Quant Time: Sep 13 05:56:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

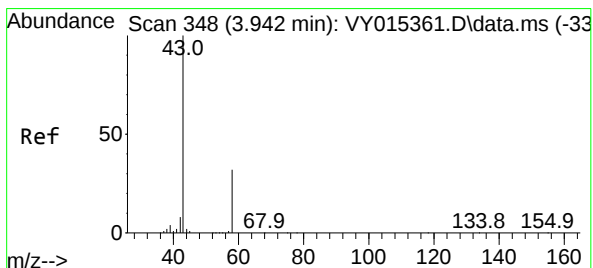
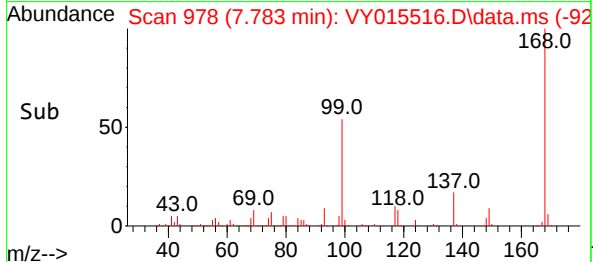
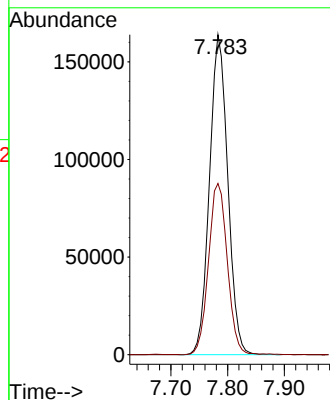
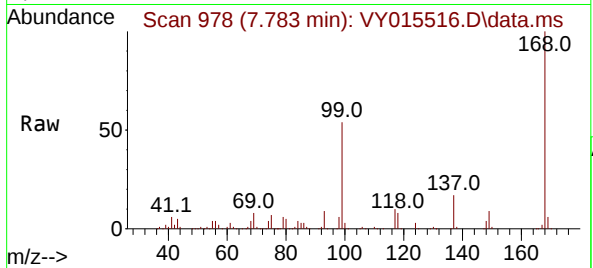




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

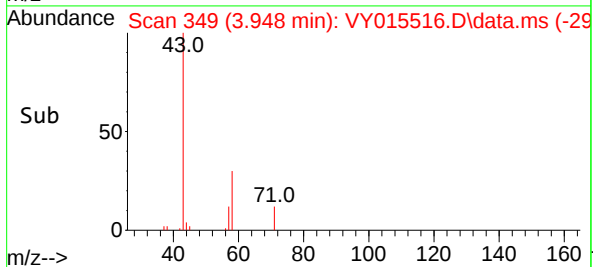
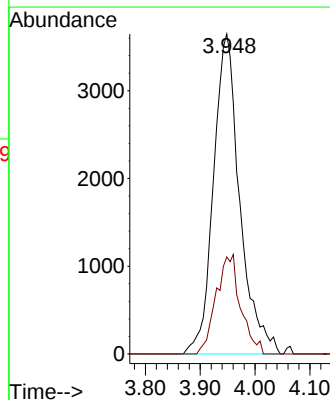
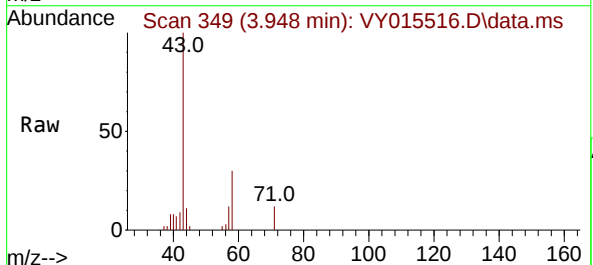
Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(5-10)

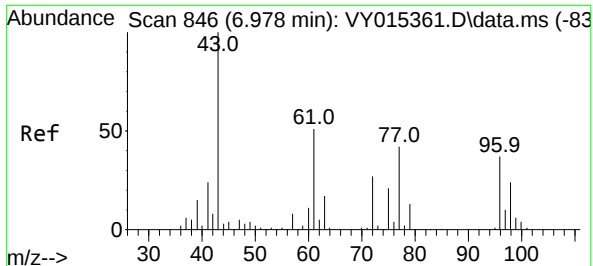
Tgt Ion:168 Resp: 367368
Ion Ratio Lower Upper
168 100
99 53.5 43.4 65.0



#16
Acetone
Concen: 7.386 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

Tgt Ion: 43 Resp: 12141
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1





#25

2-Butanone

Concen: 2.095 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015516.D

Acq: 12 Sep 2023 18:34

Instrument :

MSVOA_Y

ClientSampleId :

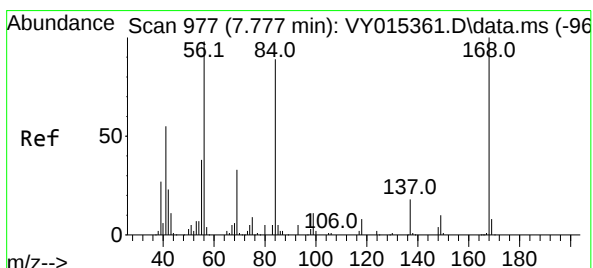
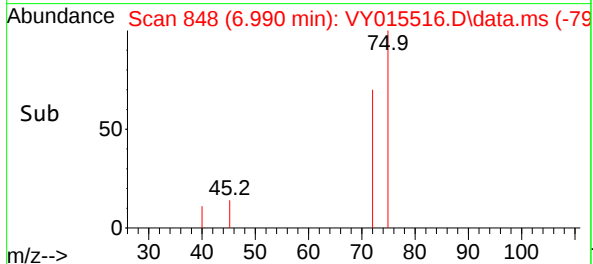
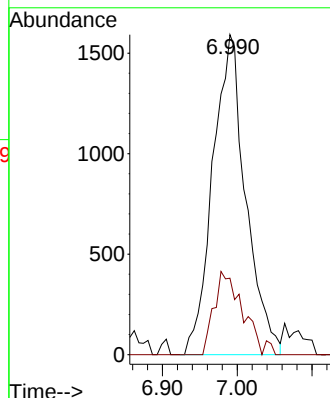
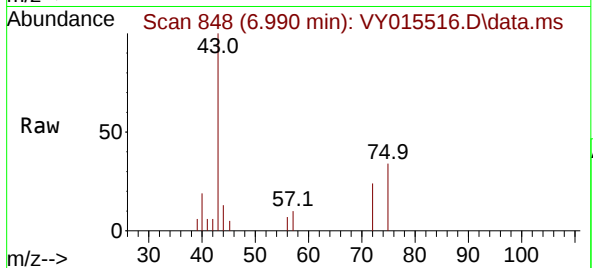
DB-3-(5-10)

Tgt Ion: 43 Resp: 4885

Ion Ratio Lower Upper

43 100

72 23.9 20.5 30.7



#31

Cyclohexane

Concen: 4.687 ug/l

RT: 7.765 min Scan# 975

Delta R.T. -0.018 min

Lab File: VY015516.D

Acq: 12 Sep 2023 18:34

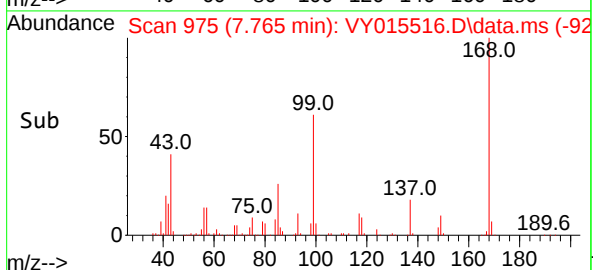
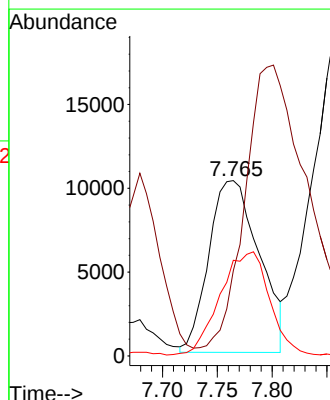
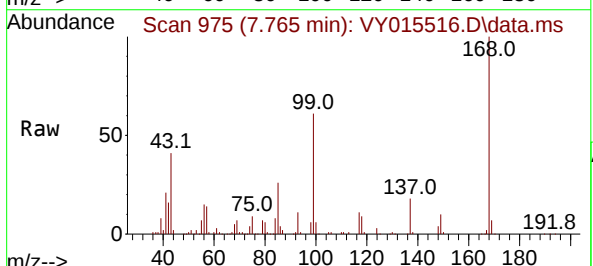
Tgt Ion: 56 Resp: 32786

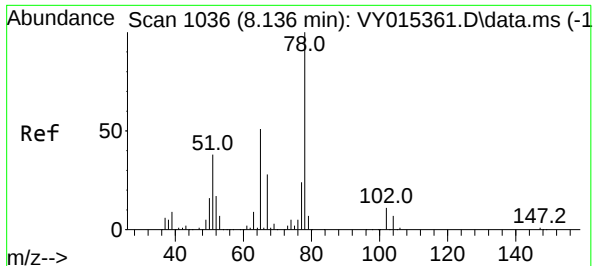
Ion Ratio Lower Upper

56 100

69 38.0 27.8 41.6

84 56.0 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 55.225 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015516.D

Acq: 12 Sep 2023 18:34

Instrument :

MSVOA_Y

ClientSampleId :

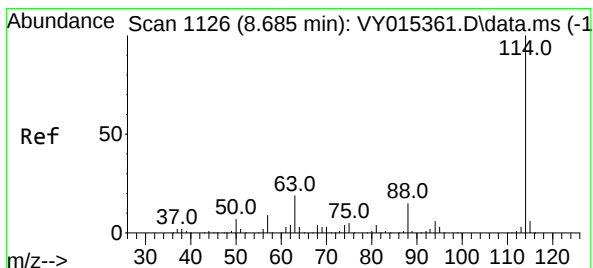
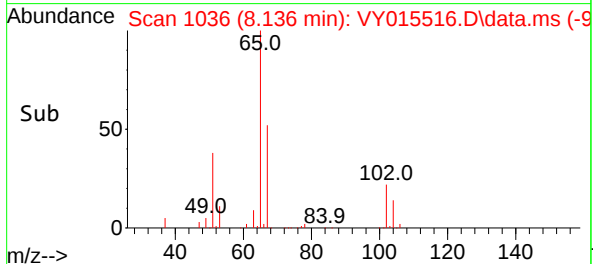
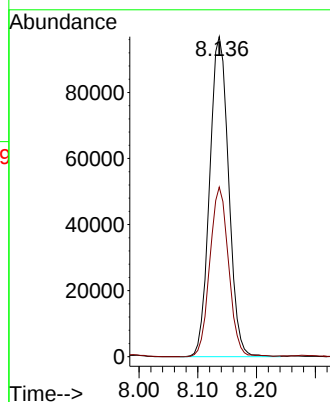
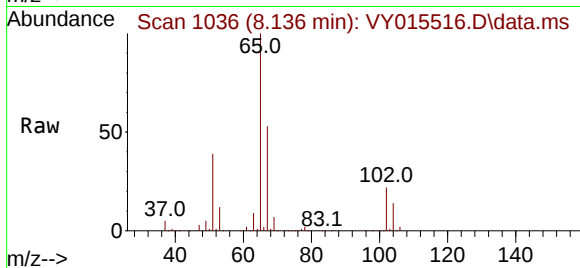
DB-3-(5-10)

Tgt Ion: 65 Resp: 217485

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015516.D

Acq: 12 Sep 2023 18:34

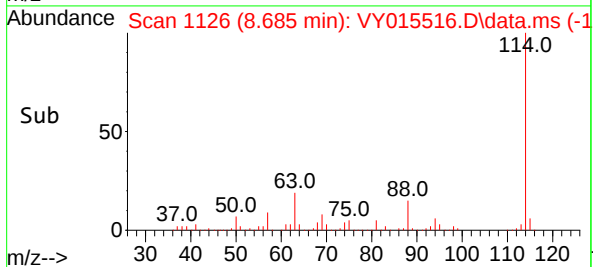
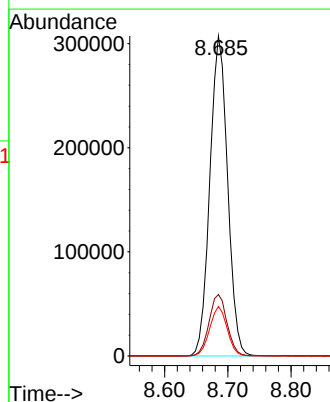
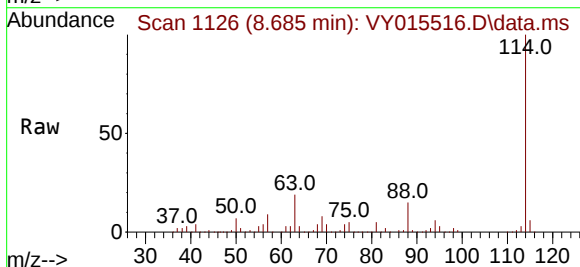
Tgt Ion: 114 Resp: 597968

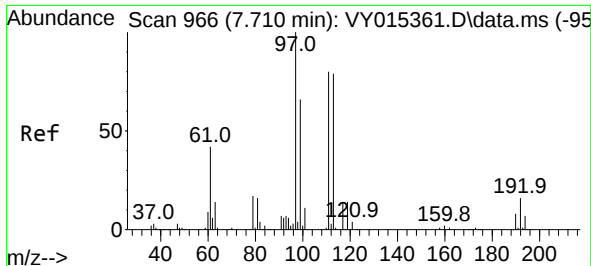
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.4

88 15.4 0.0 30.6

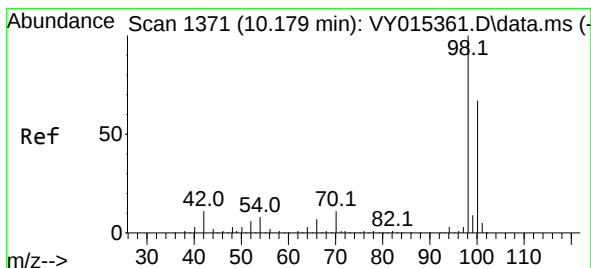
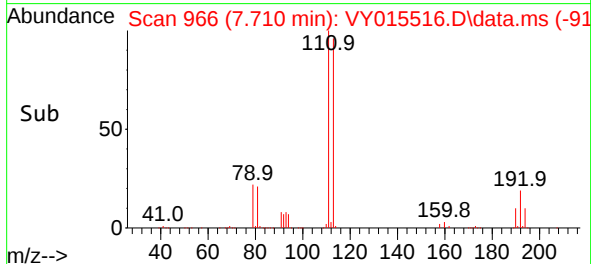
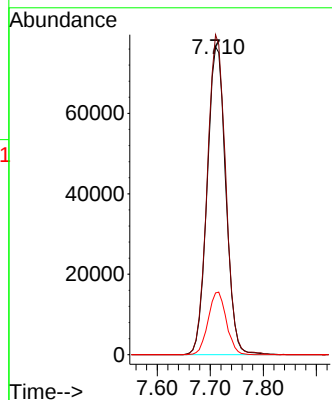
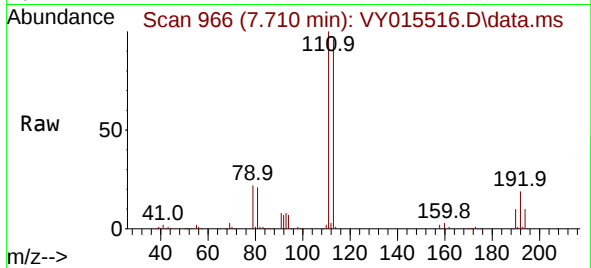




#35
Dibromofluoromethane
Concen: 54.046 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

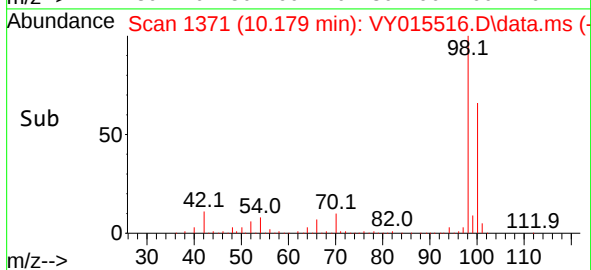
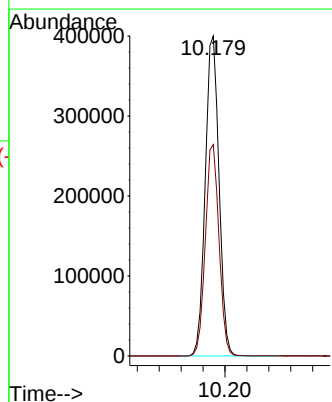
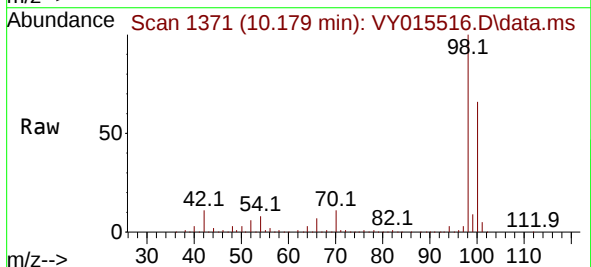
Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(5-10)

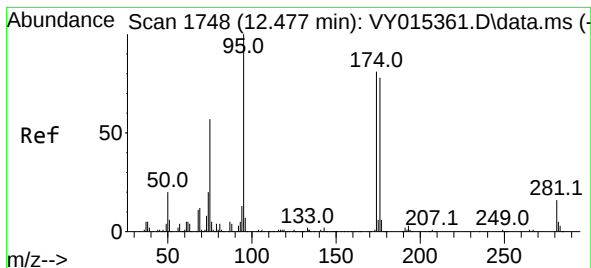
Tgt Ion:113 Resp: 186143
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.9 16.9 25.3



#50
Toluene-d8
Concen: 55.604 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

Tgt Ion: 98 Resp: 693527
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

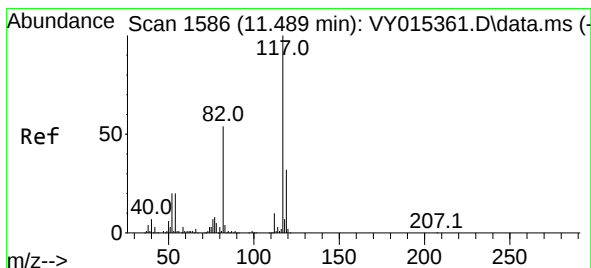
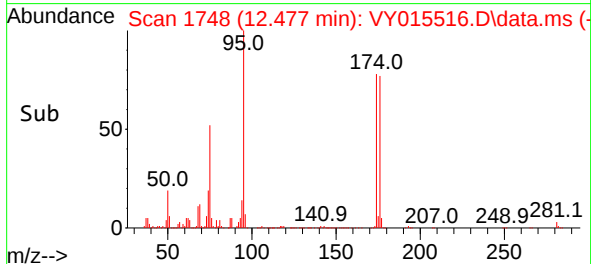
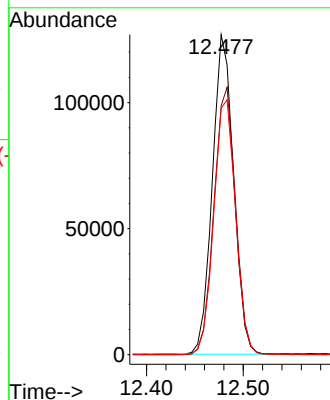
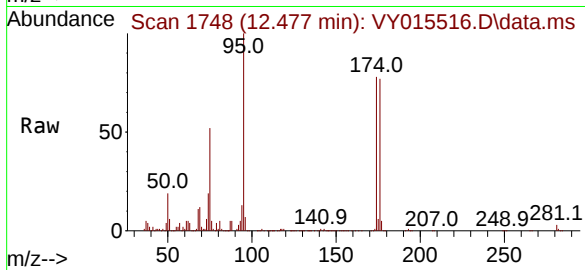




#62
4-Bromofluorobenzene
Concen: 41.765 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

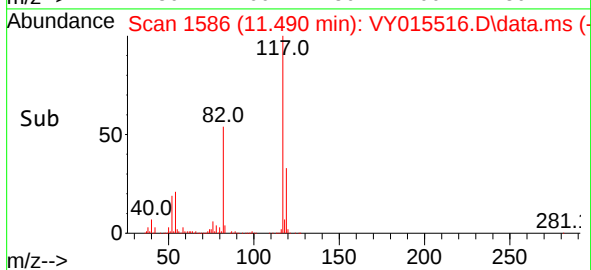
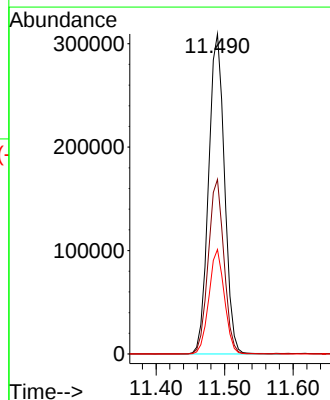
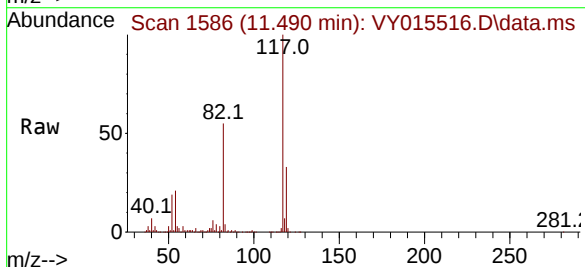
Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(5-10)

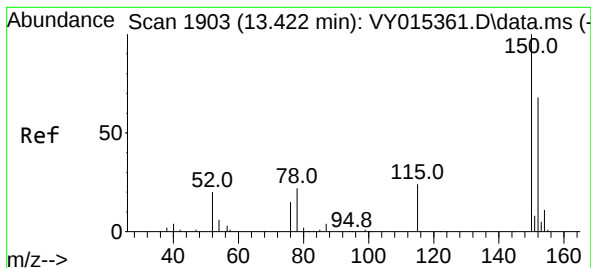
Tgt Ion: 95 Resp: 193385
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 81.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

Tgt Ion: 117 Resp: 500057
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 32.7 26.3 39.5

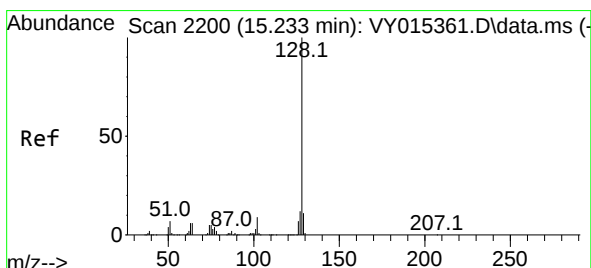
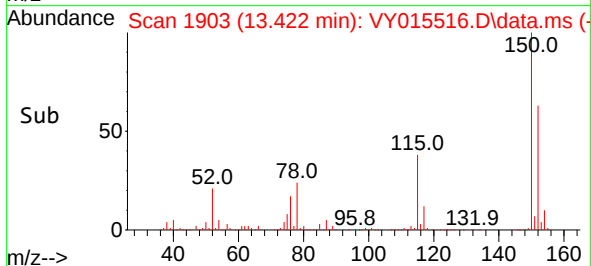
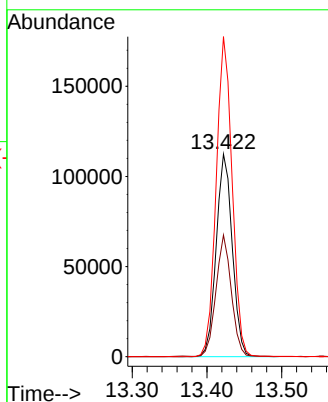
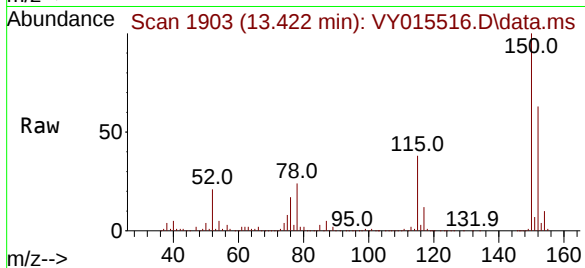




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

Instrument :
MSVOA_Y
ClientSampleId :
DB-3-(5-10)

Tgt Ion:152 Resp: 168273
Ion Ratio Lower Upper
152 100
115 57.6 28.8 86.5
150 156.8 0.0 348.8



#95
Naphthalene
Concen: 1.736 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015516.D
Acq: 12 Sep 2023 18:34

Tgt Ion:128 Resp: 14568
Ion Ratio Lower Upper
128 100
127 12.7 10.8 16.2
129 11.3 8.6 13.0

