

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016786.D
 Acq On : 22 Dec 2023 03:48
 Operator : SY/MD
 Sample : 05876-14
 Misc : 2.65g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLX9

Quant Time: Dec 22 06:41:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

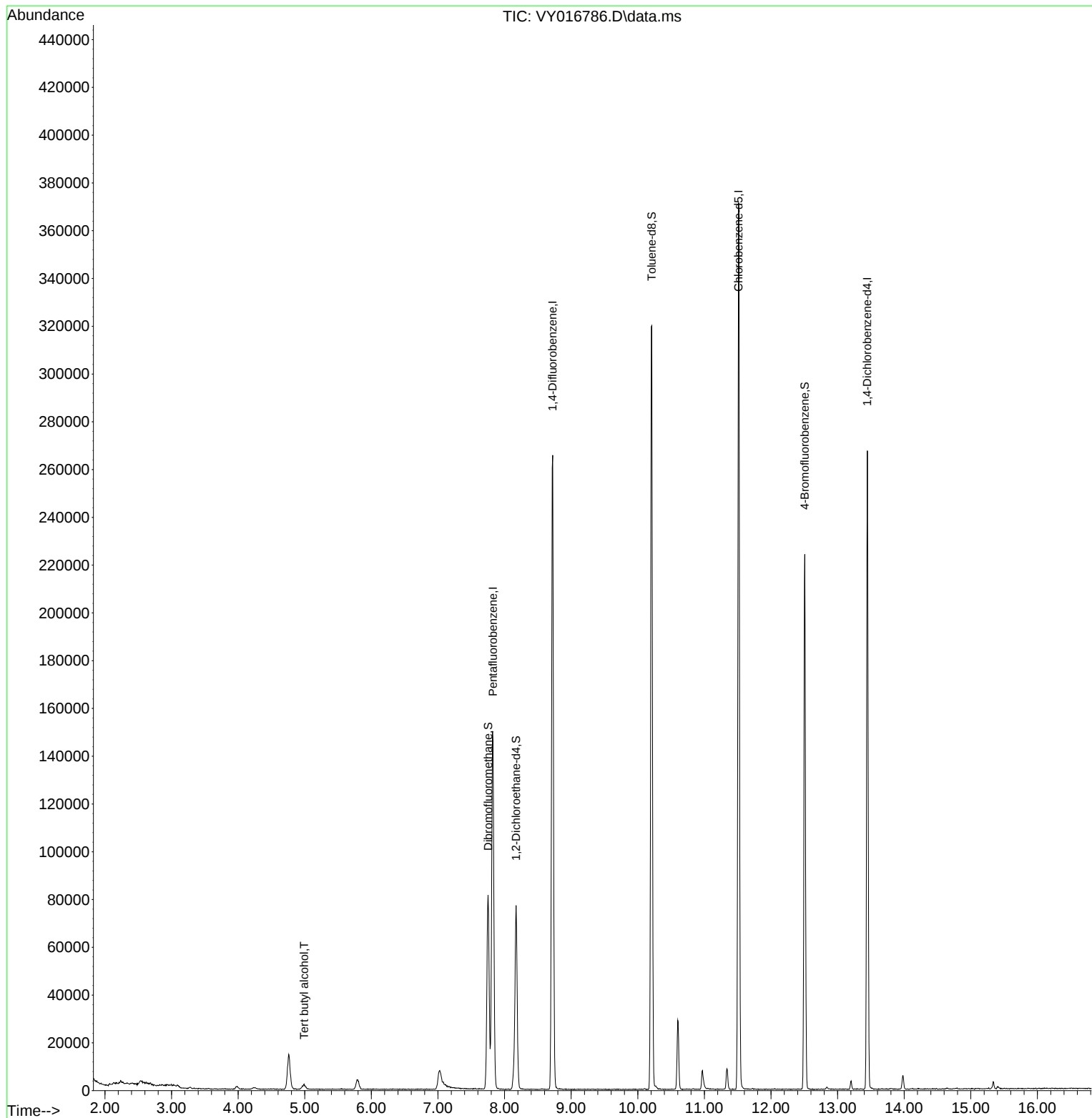
Internal Standards						
1) Pentafluorobenzene	7.826	168	113885	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	230620	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	200980	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	66530	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	55561	53.442	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.880%
35) Dibromofluoromethane	7.752	113	59863	45.315	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.620%
50) Toluene-d8	10.209	98	213780	44.891	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.508	95	63860	41.333	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.660%
Target Compounds						
11) Tert butyl alcohol	4.991	59	3331	39.077	ug/l	Qvalue # 82

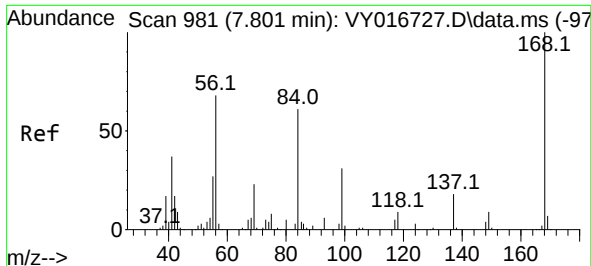
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
Data File : VY016786.D
Acq On : 22 Dec 2023 03:48
Operator : SY/MD
Sample : 05876-14
Misc : 2.65g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COLX9

Quant Time: Dec 22 06:41:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

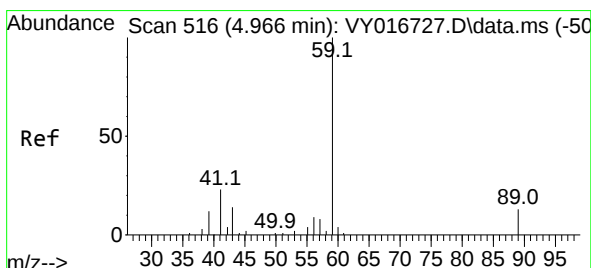
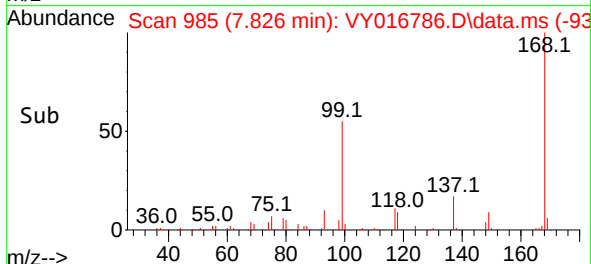
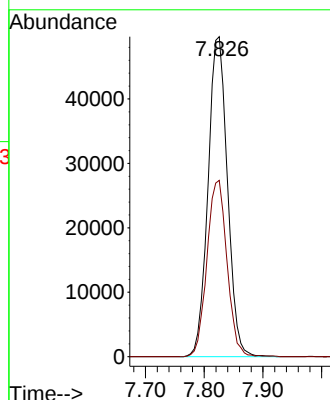
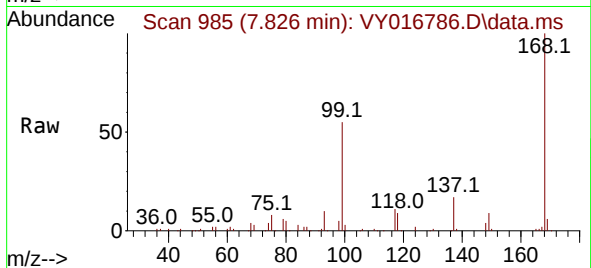




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016786.D
Acq: 22 Dec 2023 03:48

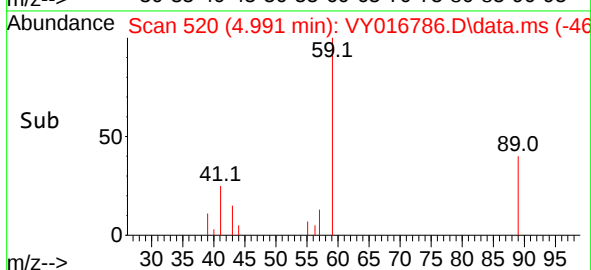
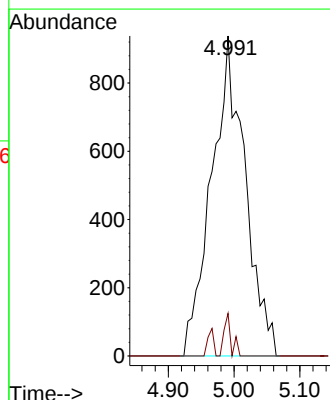
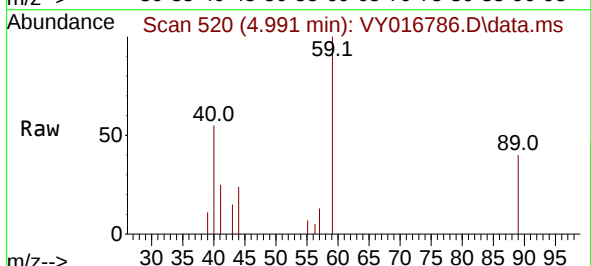
Instrument :
MSVOA_Y
ClientSampleId :
COLX9

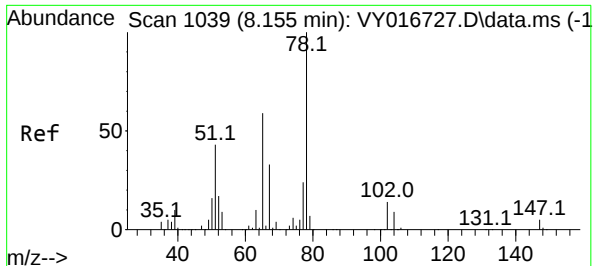
Tgt Ion:168 Resp: 113885
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#11
Tert butyl alcohol
Concen: 39.077 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.025 min
Lab File: VY016786.D
Acq: 22 Dec 2023 03:48

Tgt Ion: 59 Resp: 3331
Ion Ratio Lower Upper
59 100
57 2.8 7.4 11.0#





#33

1,2-Dichloroethane-d4

Concen: 53.442 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY016786.D

Acq: 22 Dec 2023 03:48

Instrument :

MSVOA_Y

ClientSampleId :

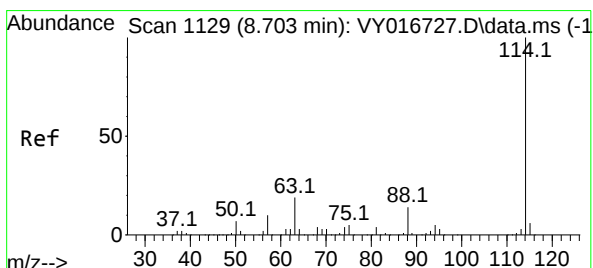
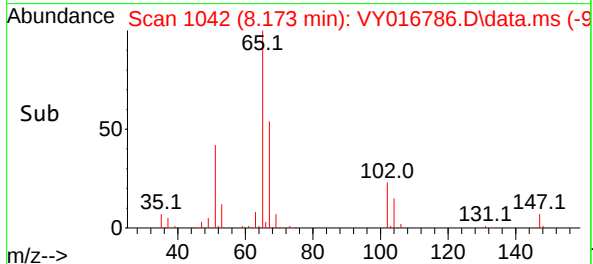
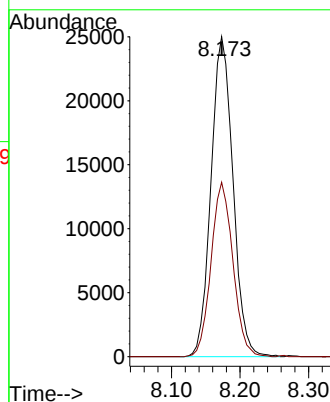
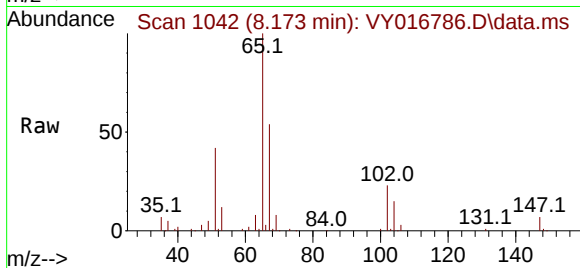
COLX9

Tgt Ion: 65 Resp: 55561

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016786.D

Acq: 22 Dec 2023 03:48

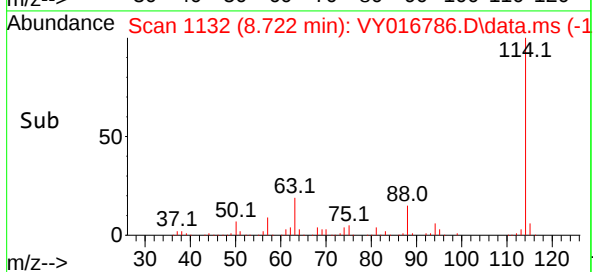
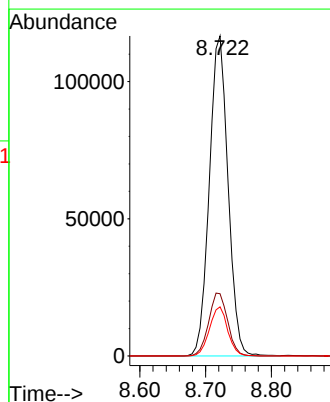
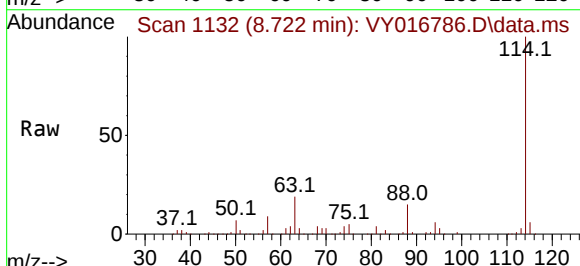
Tgt Ion: 114 Resp: 230620

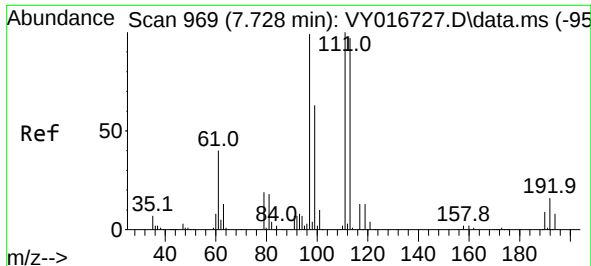
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.4 0.0 29.0

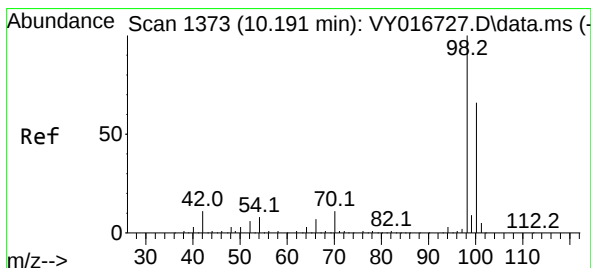
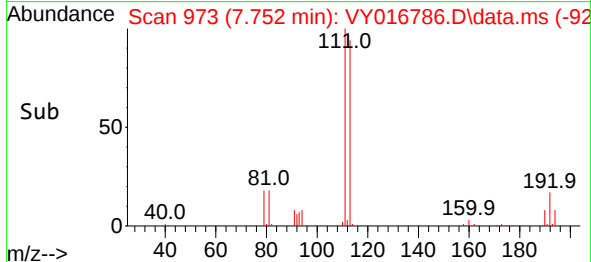
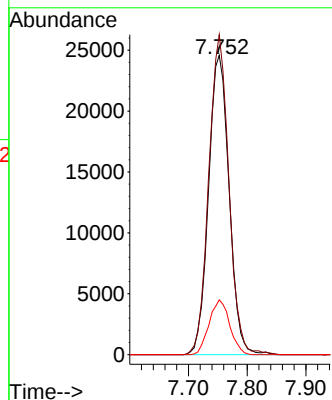
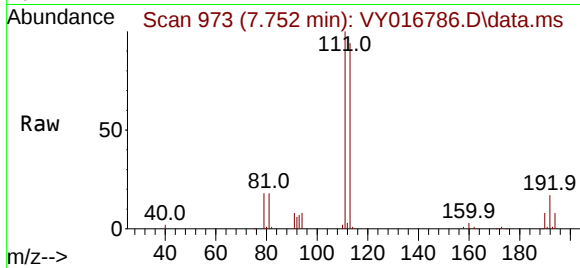




#35
Dibromofluoromethane
Concen: 45.315 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016786.D
Acq: 22 Dec 2023 03:48

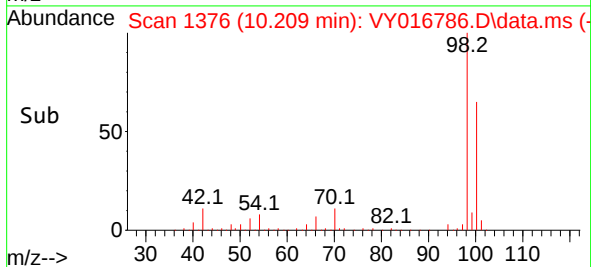
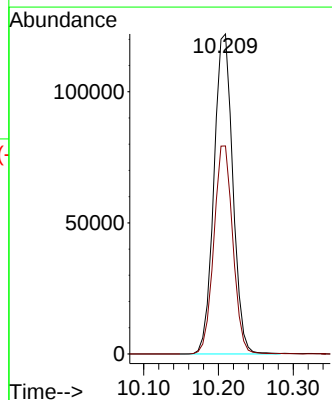
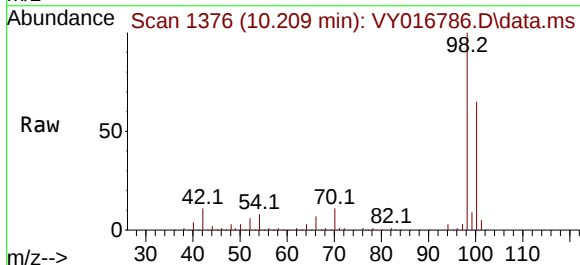
Instrument :
MSVOA_Y
ClientSampleId :
COLX9

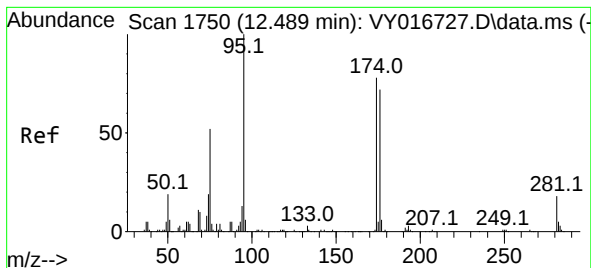
Tgt Ion:113 Resp: 59863
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.3 14.5 21.7



#50
Toluene-d8
Concen: 44.891 ug/l
RT: 10.209 min Scan# 1376
Delta R.T. 0.019 min
Lab File: VY016786.D
Acq: 22 Dec 2023 03:48

Tgt Ion: 98 Resp: 213780
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

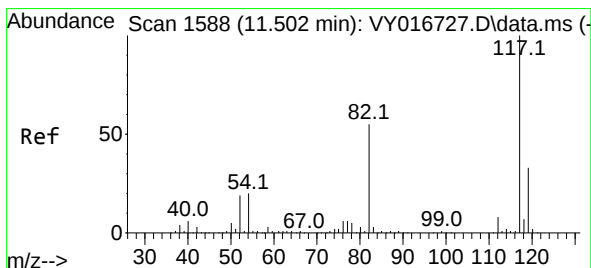
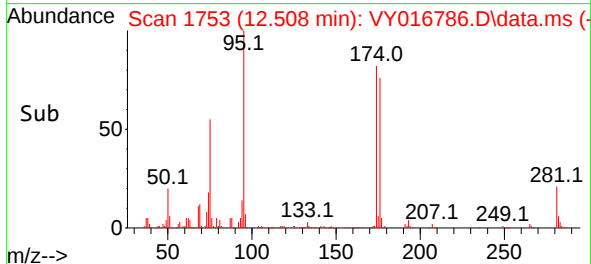
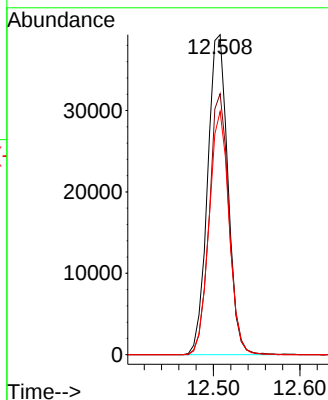
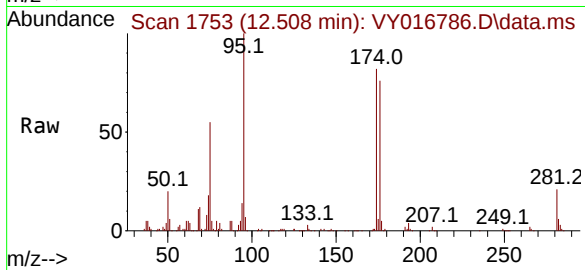




#62
4-Bromofluorobenzene
Concen: 41.333 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY016786.D
Acq: 22 Dec 2023 03:48

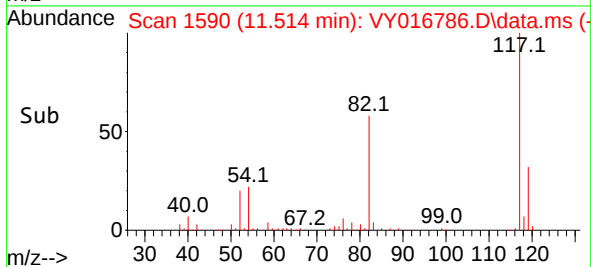
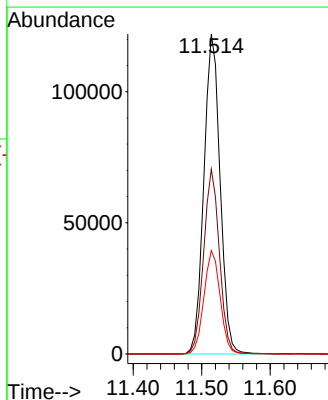
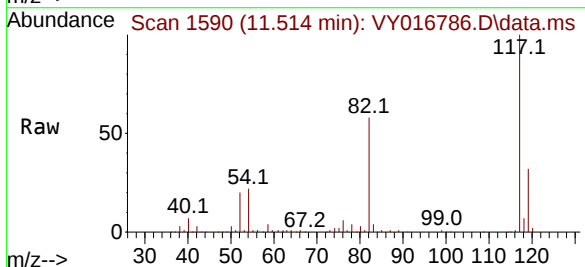
Instrument :
MSVOA_Y
ClientSampleId :
COLX9

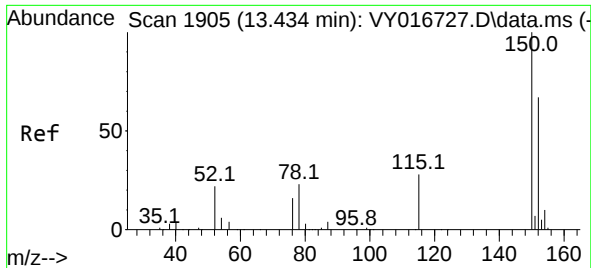
Tgt Ion: 95 Resp: 63860
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 74.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016786.D
Acq: 22 Dec 2023 03:48

Tgt Ion: 117 Resp: 200980
Ion Ratio Lower Upper
117 100
82 57.7 43.8 65.8
119 32.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016786.D

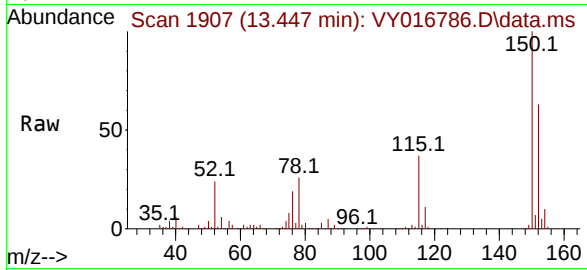
Acq: 22 Dec 2023 03:48

Instrument :

MSVOA_Y

ClientSampleId :

COLX9



Tgt Ion:152 Resp: 66530

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 155.5 0.0 344.6

