

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016773.D
 Acq On : 21 Dec 2023 21:41
 Operator : SY/MD
 Sample : 05878-03
 Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ3

Quant Time: Dec 22 00:46:48 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)

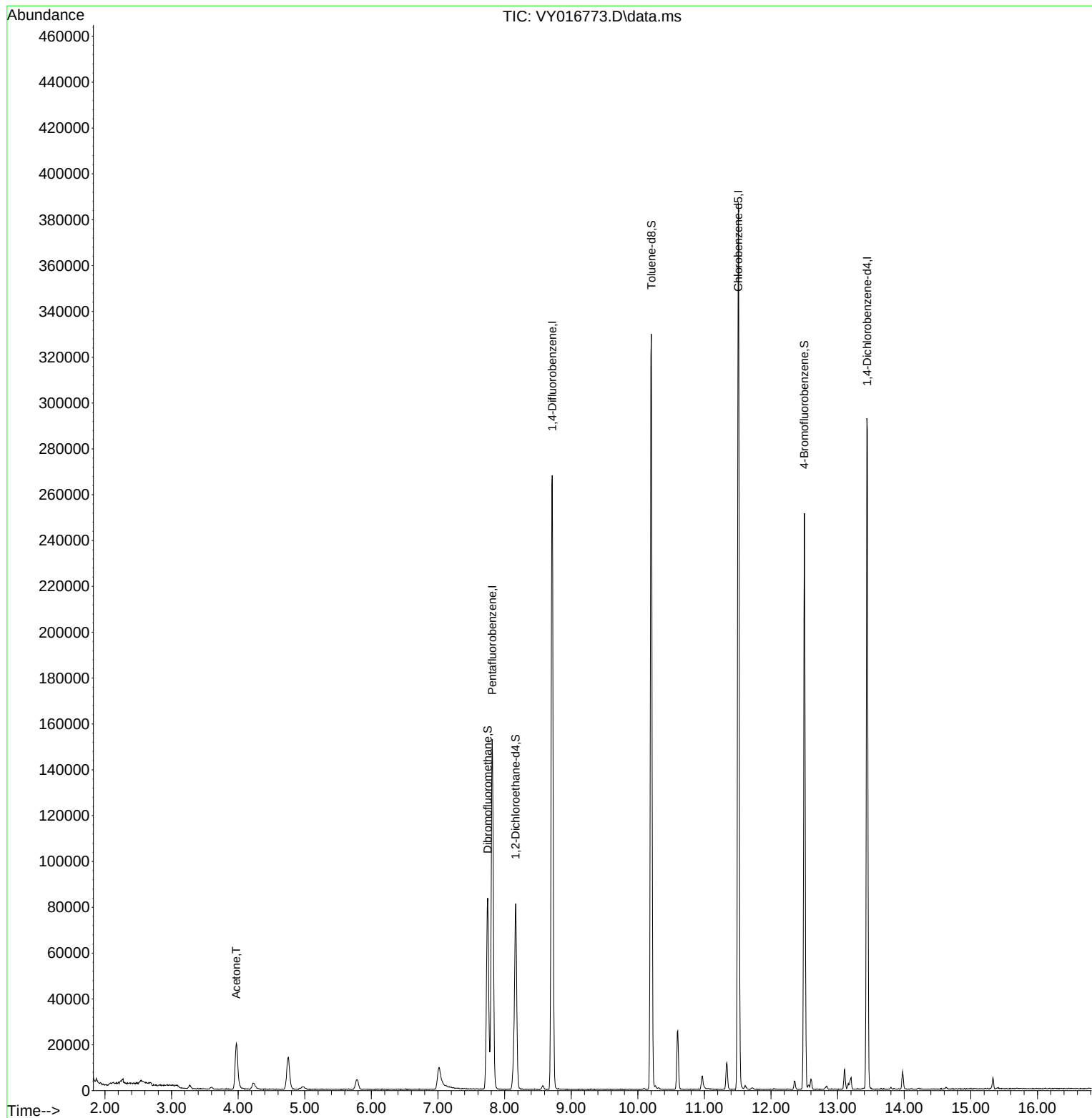
Internal Standards						
1) Pentafluorobenzene	7.813	168	113730	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	234677	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	211565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	74038	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	58298	56.151	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.300%
35) Dibromofluoromethane	7.746	113	60446	44.965	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.940%
50) Toluene-d8	10.203	98	212949	43.943	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.880%
62) 4-Bromofluorobenzene	12.501	95	67381	42.858	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.720%
Target Compounds						
16) Acetone	3.973	43	37156	132.345	ug/l	Qvalue 99

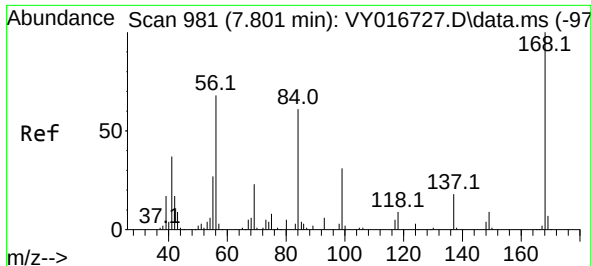
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
Data File : VY016773.D
Acq On : 21 Dec 2023 21:41
Operator : SY/MD
Sample : 05878-03
Misc : 4.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COLZ3

Quant Time: Dec 22 00:46:48 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

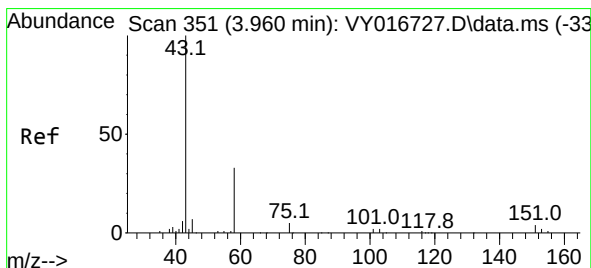
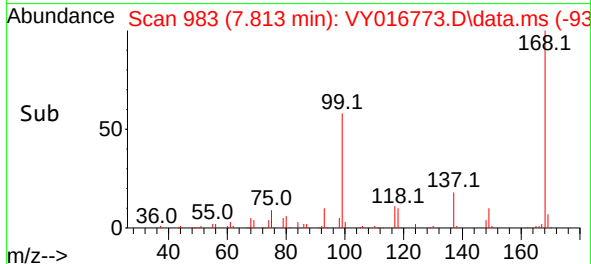
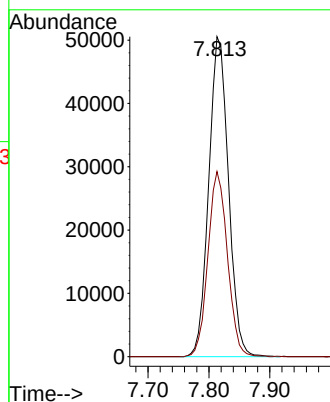
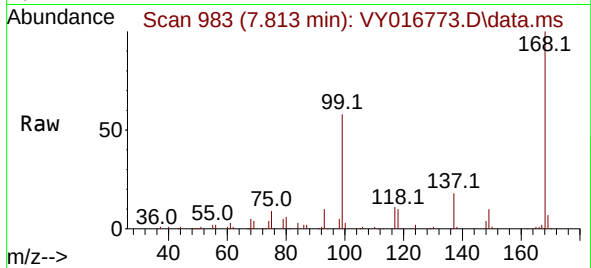




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.012 min
Lab File: VY016773.D
Acq: 21 Dec 2023 21:41

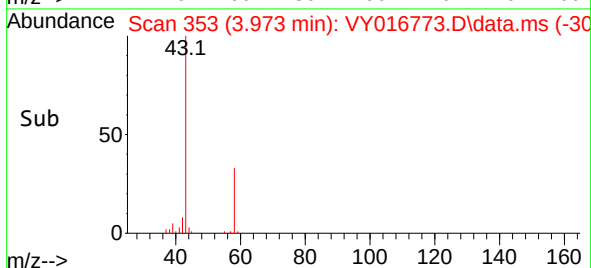
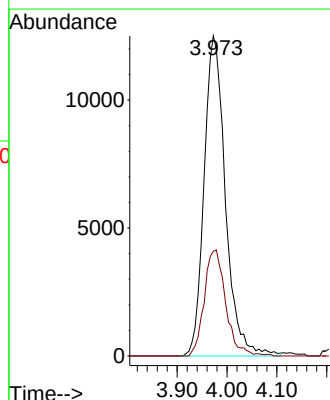
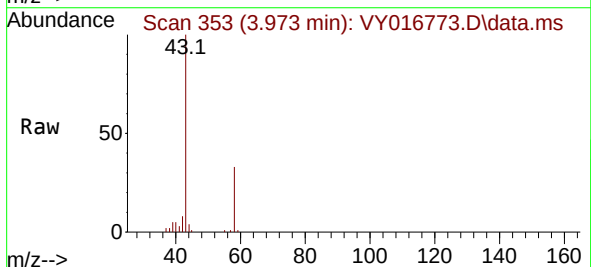
Instrument :
MSVOA_Y
ClientSampleId :
COLZ3

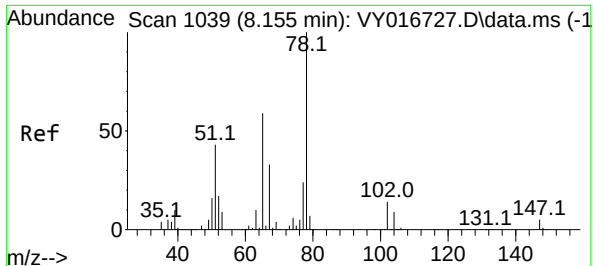
Tgt Ion:168 Resp: 113730
Ion Ratio Lower Upper
168 100
99 57.9 44.2 66.4



#16
Acetone
Concen: 132.345 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016773.D
Acq: 21 Dec 2023 21:41

Tgt Ion: 43 Resp: 37156
Ion Ratio Lower Upper
43 100
58 32.7 26.6 39.8





#33

1,2-Dichloroethane-d4

Concen: 56.151 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016773.D

Acq: 21 Dec 2023 21:41

Instrument :

MSVOA_Y

ClientSampleId :

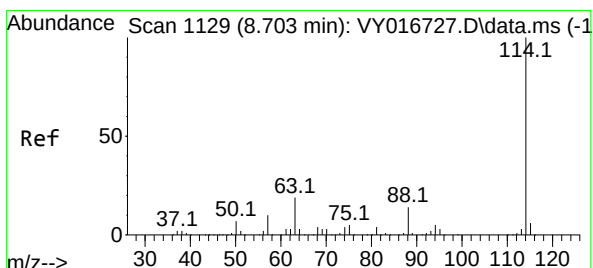
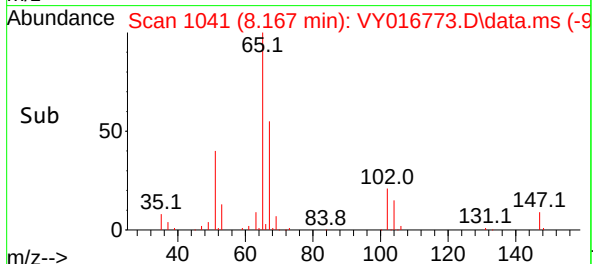
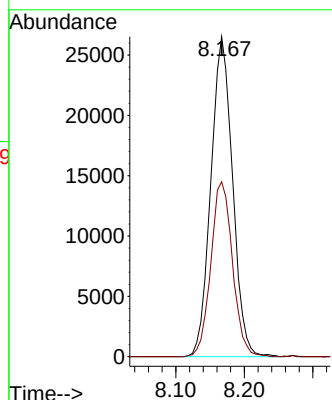
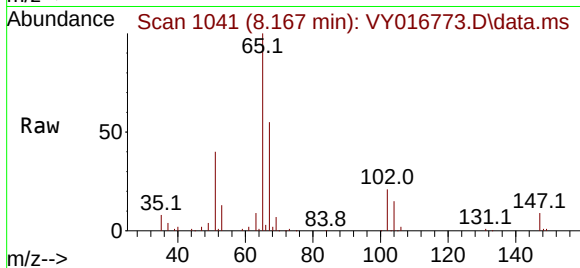
COLZ3

Tgt Ion: 65 Resp: 58298

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY016773.D

Acq: 21 Dec 2023 21:41

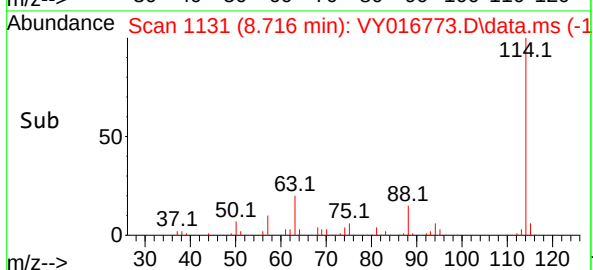
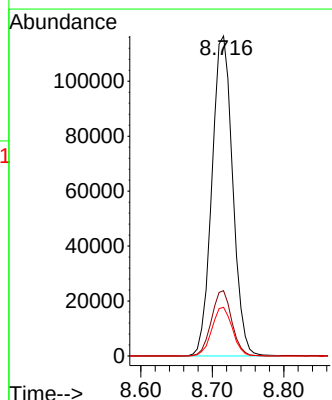
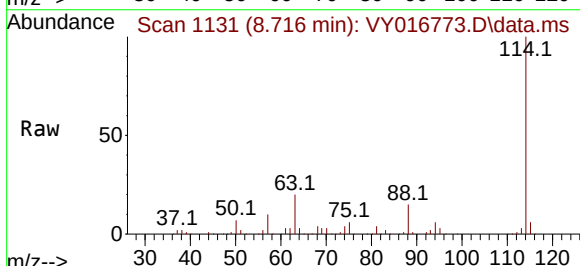
Tgt Ion: 114 Resp: 234677

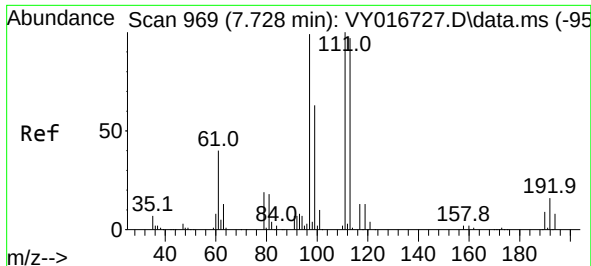
Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.2 0.0 29.0

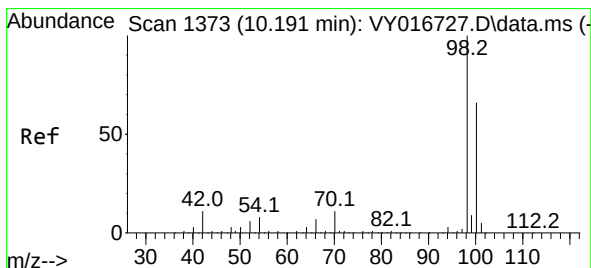
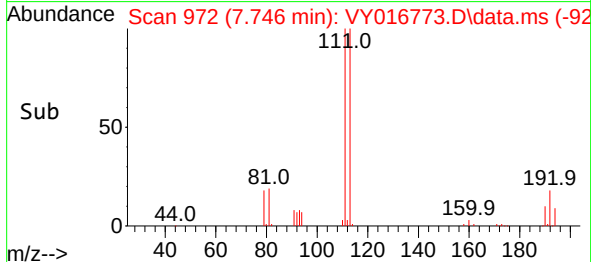
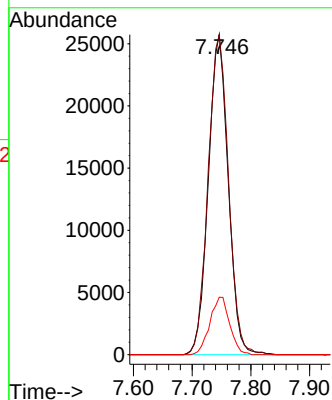
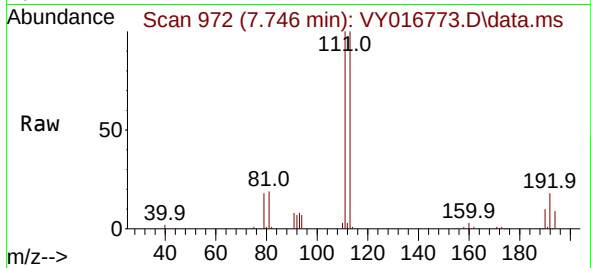




#35
Dibromofluoromethane
Concen: 44.965 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016773.D
Acq: 21 Dec 2023 21:41

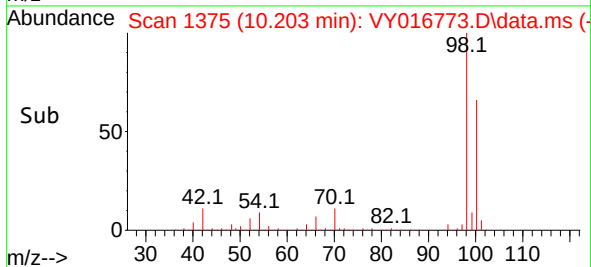
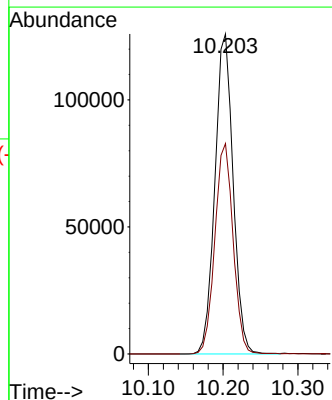
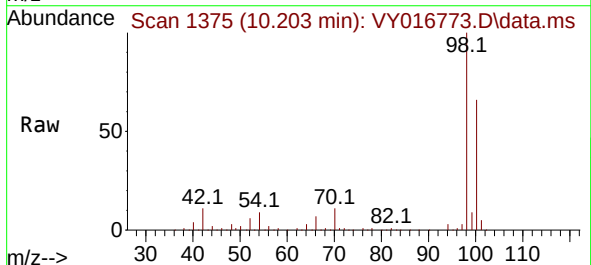
Instrument :
MSVOA_Y
ClientSampleId :
COLZ3

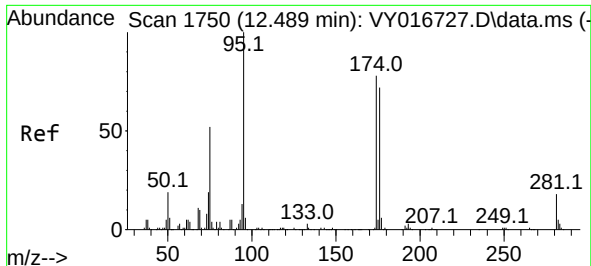
Tgt Ion:113 Resp: 60446
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.9 14.5 21.7



#50
Toluene-d8
Concen: 43.943 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016773.D
Acq: 21 Dec 2023 21:41

Tgt Ion: 98 Resp: 212949
Ion Ratio Lower Upper
98 100
100 65.9 52.3 78.5

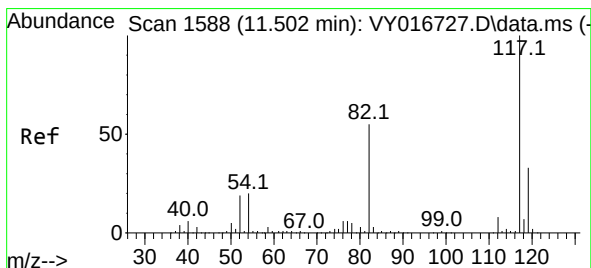
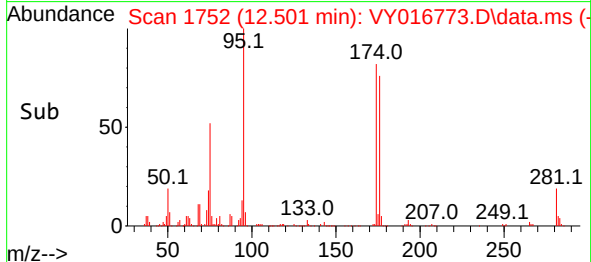
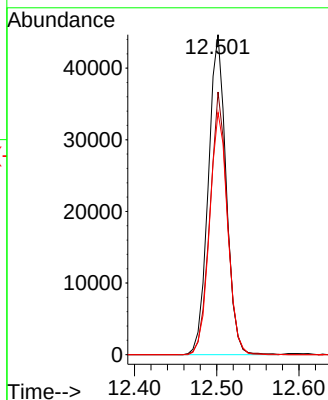
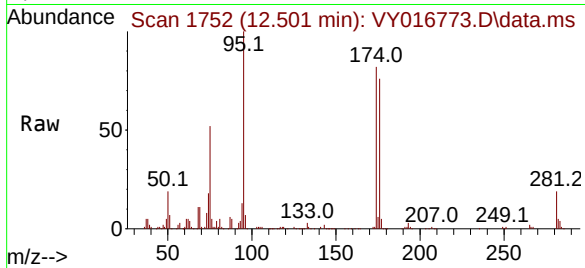




#62
4-Bromofluorobenzene
Concen: 42.858 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016773.D
Acq: 21 Dec 2023 21:41

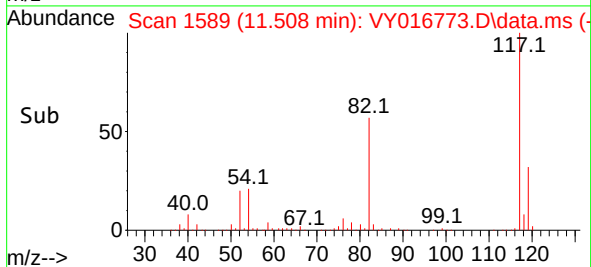
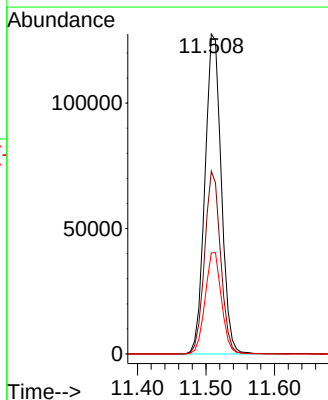
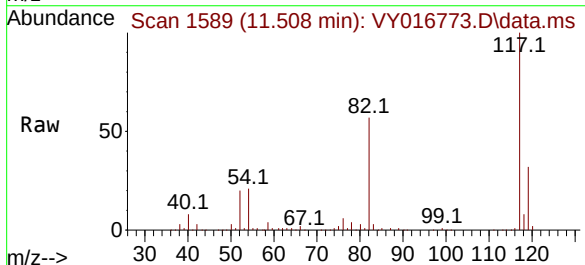
Instrument :
MSVOA_Y
ClientSampleId :
COLZ3

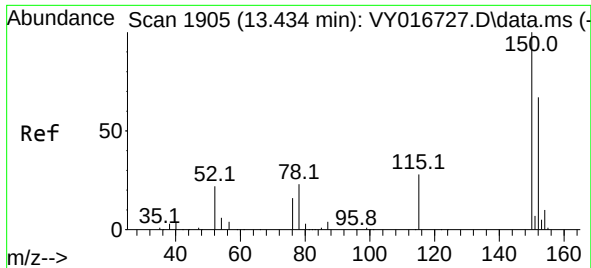
Tgt Ion: 95 Resp: 67381
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 76.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016773.D
Acq: 21 Dec 2023 21:41

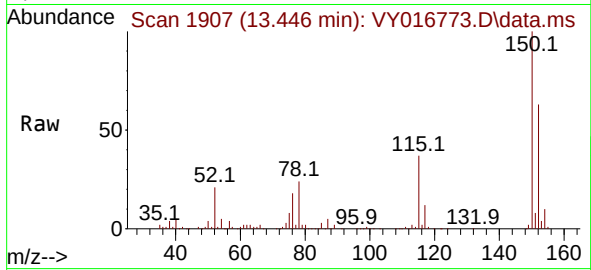
Tgt Ion: 117 Resp: 211565
Ion Ratio Lower Upper
117 100
82 57.1 43.8 65.8
119 31.6 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.012 min
 Lab File: VY016773.D
 Acq: 21 Dec 2023 21:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 COLZ3



Tgt Ion:152 Resp: 74038
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.0 90.0
 150 157.4 0.0 344.6

