

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016516.D
 Acq On : 28 Nov 2023 13:26
 Operator : SY/MD
 Sample : 05521-12
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-4-GRAB

Quant Time: Nov 29 03:07:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

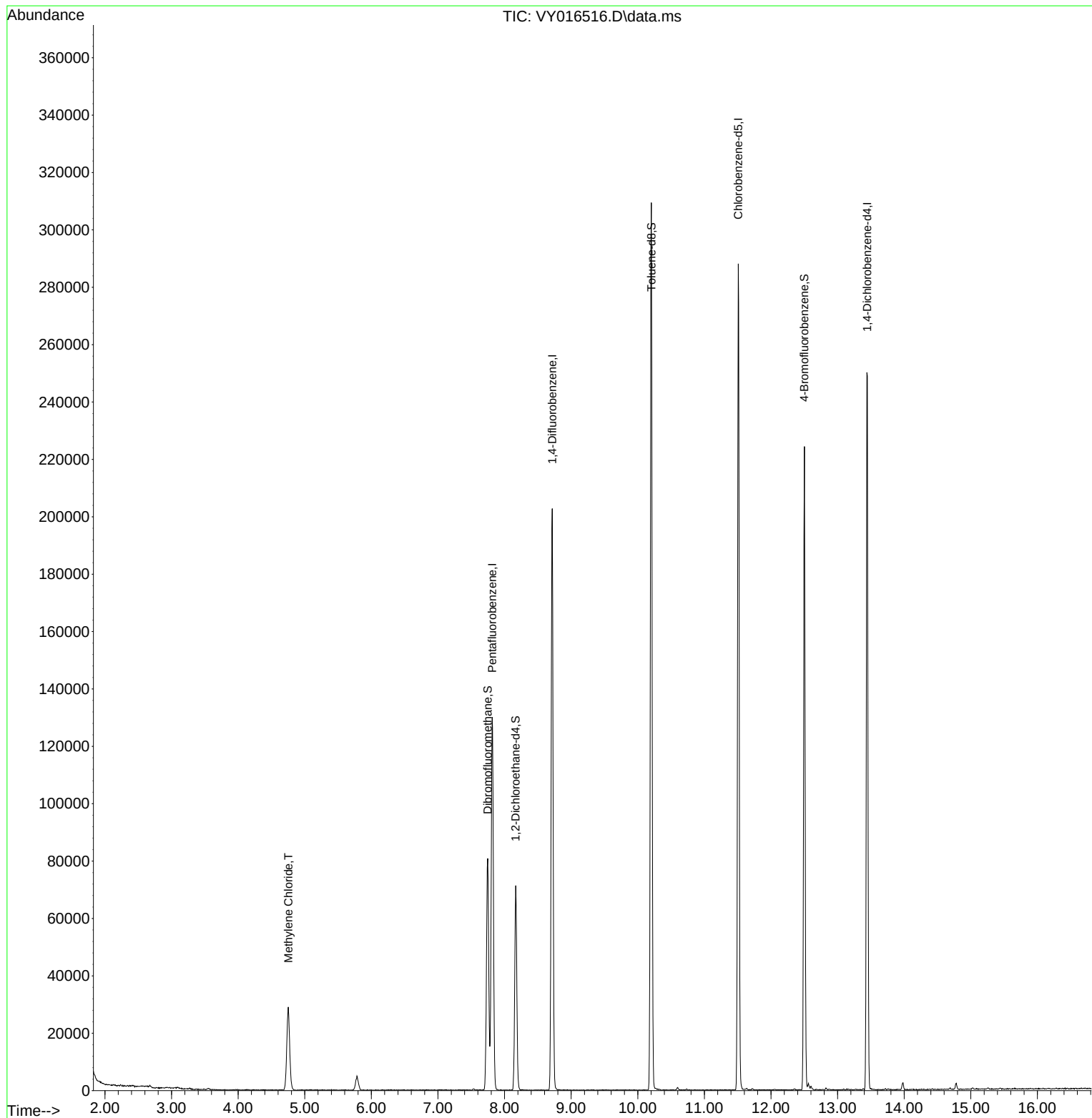
Internal Standards						
1) Pentafluorobenzene	7.813	168	107406	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.716	114	186865	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	173698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	71558	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	56673	57.732	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.460%
35) Dibromofluoromethane	7.746	113	59053	55.631	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.260%
50) Toluene-d8	10.203	98	215973	50.172	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.340%
62) 4-Bromofluorobenzene	12.502	95	67902	48.568	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.140%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.753	84	24229	18.961	ug/l #	75

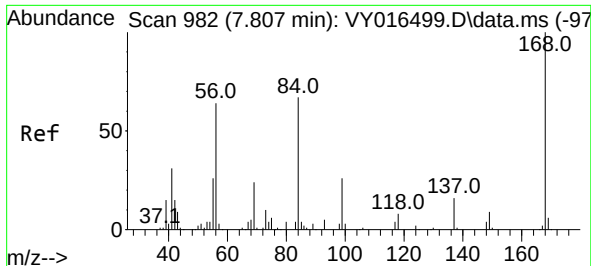
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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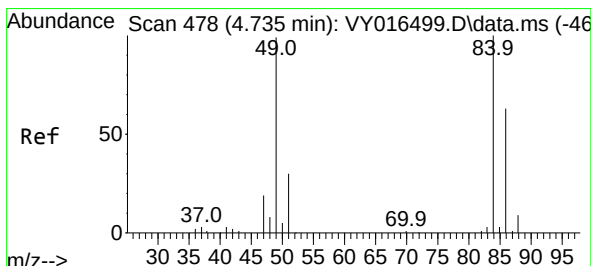
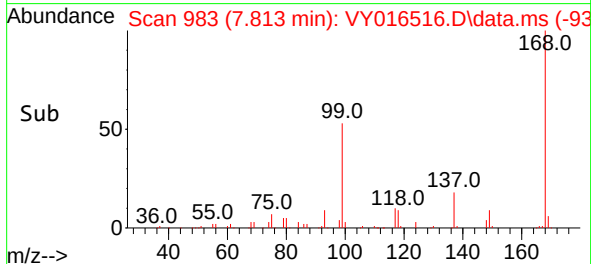
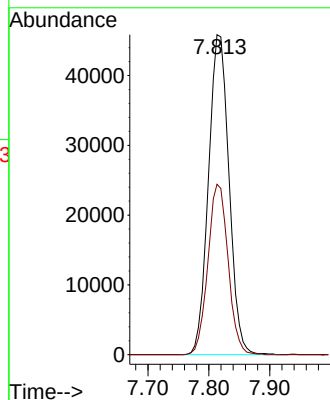
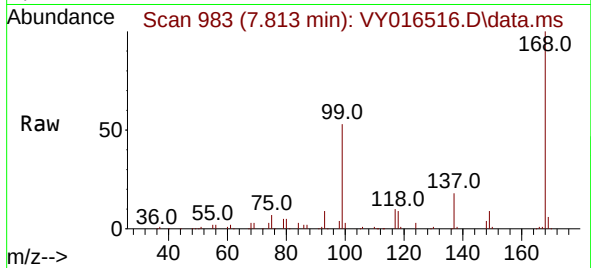




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016516.D
Acq: 28 Nov 2023 13:26

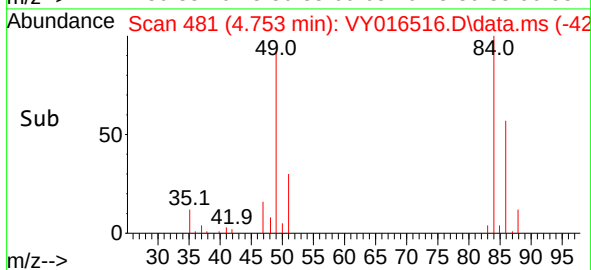
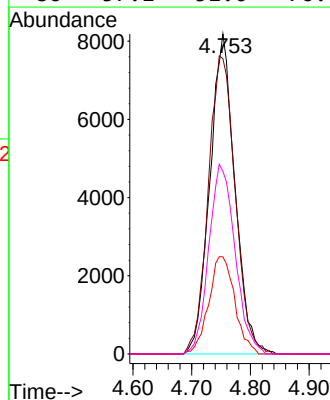
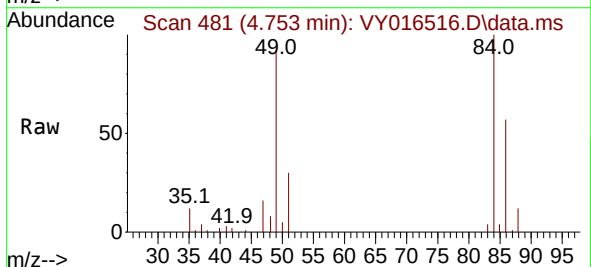
Instrument :
MSVOA_Y
ClientSampleId :
SP-4-GRAB

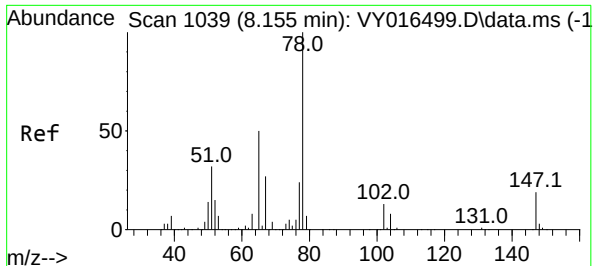
Tgt Ion:168 Resp: 107406
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#20
Methylene Chloride
Concen: 18.961 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.024 min
Lab File: VY016516.D
Acq: 28 Nov 2023 13:26

Tgt Ion: 84 Resp: 24229
Ion Ratio Lower Upper
84 100
49 92.3 106.9 160.3#
51 30.4 33.2 49.8#
86 57.1 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 57.732 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY016516.D

Acq: 28 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

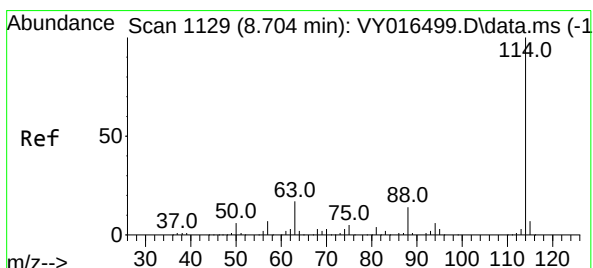
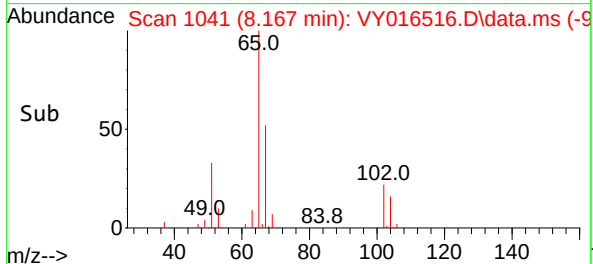
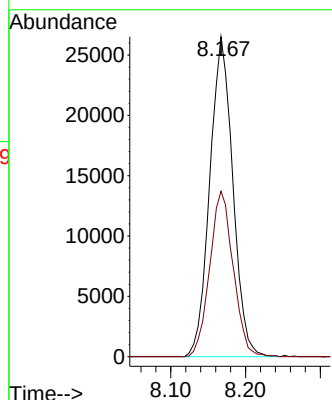
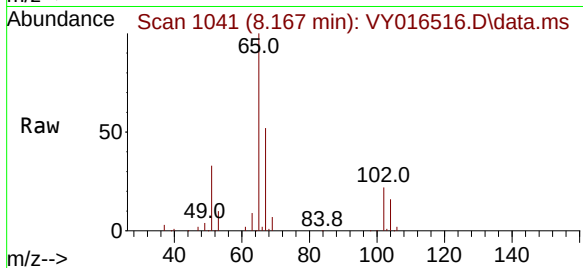
SP-4-GRAB

Tgt Ion: 65 Resp: 56673

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016516.D

Acq: 28 Nov 2023 13:26

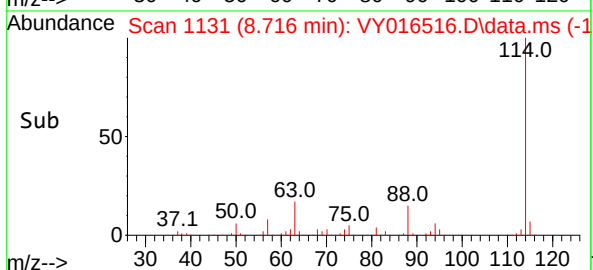
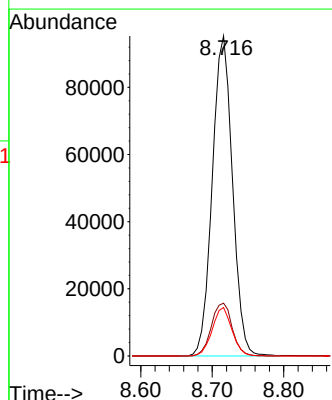
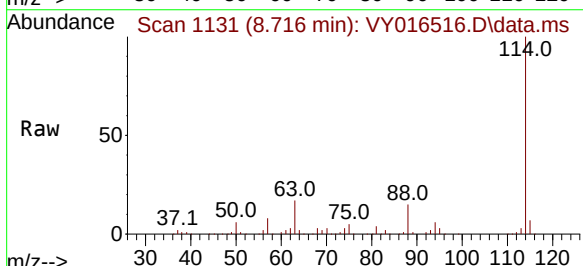
Tgt Ion: 114 Resp: 186865

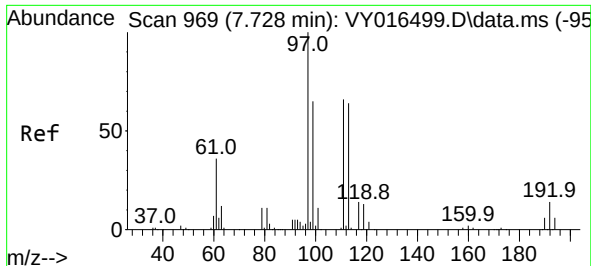
Ion Ratio Lower Upper

114 100

63 16.5 0.0 42.4

88 15.2 0.0 30.6

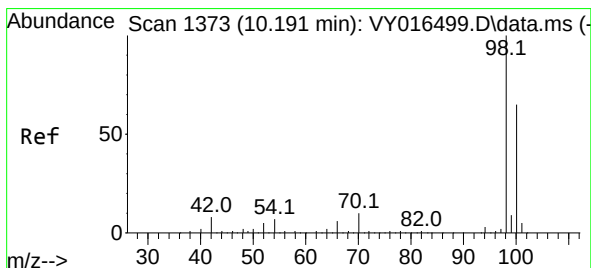
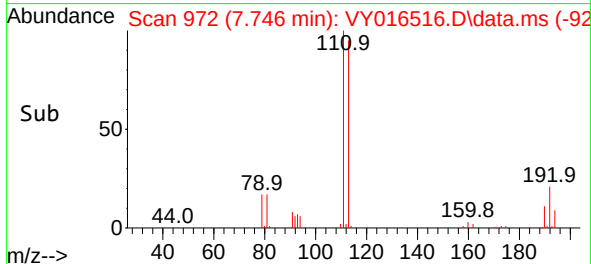
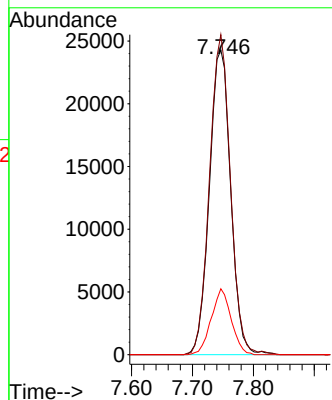
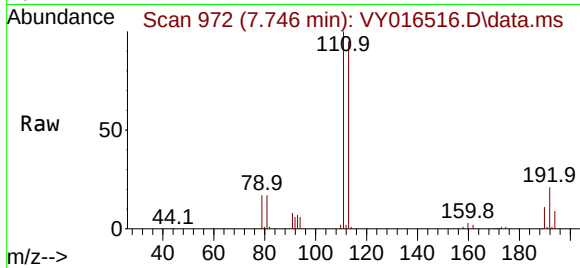




#35
Dibromofluoromethane
Concen: 55.631 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016516.D
Acq: 28 Nov 2023 13:26

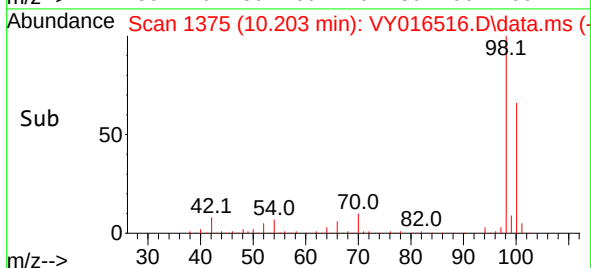
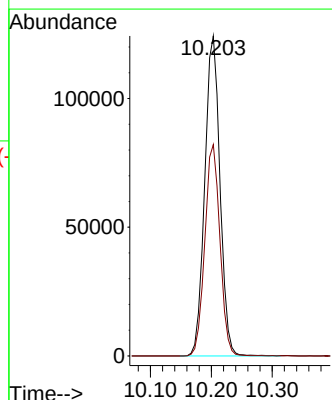
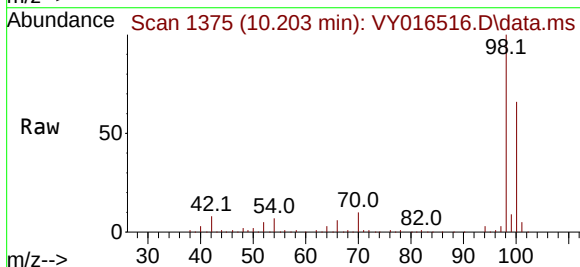
Instrument :
MSVOA_Y
ClientSampleId :
SP-4-GRAB

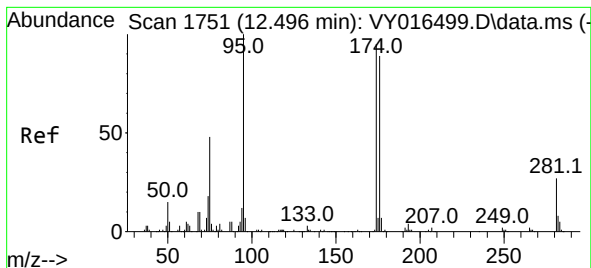
Tgt Ion:113 Resp: 59053
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.2 16.9 25.3



#50
Toluene-d8
Concen: 50.172 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY016516.D
Acq: 28 Nov 2023 13:26

Tgt Ion: 98 Resp: 215973
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1

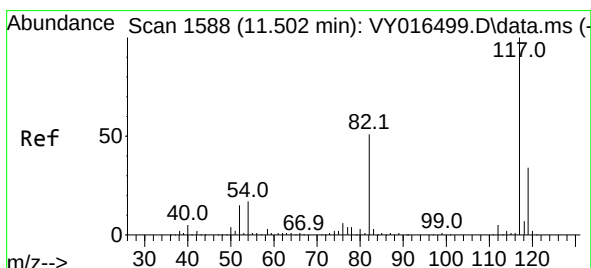
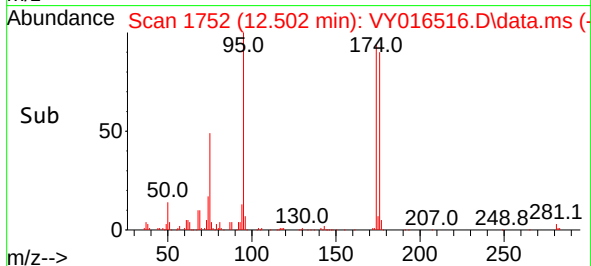
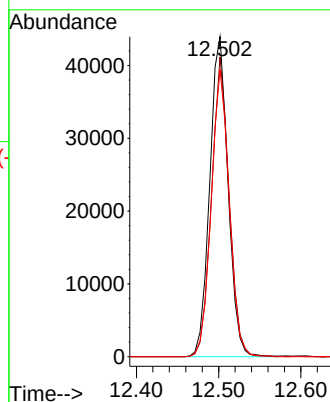
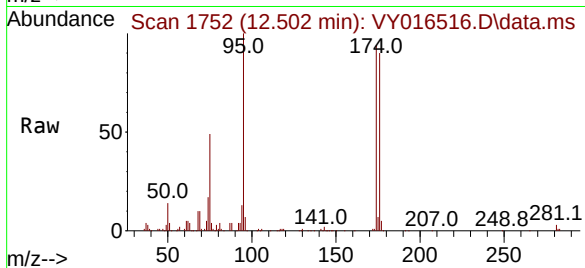




#62
4-Bromofluorobenzene
Concen: 48.568 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016516.D
Acq: 28 Nov 2023 13:26

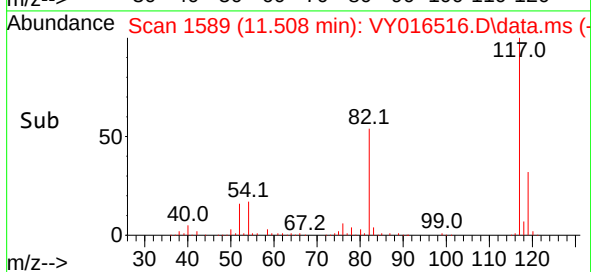
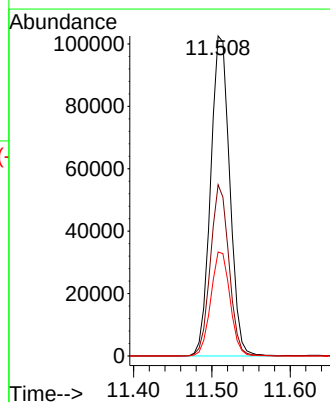
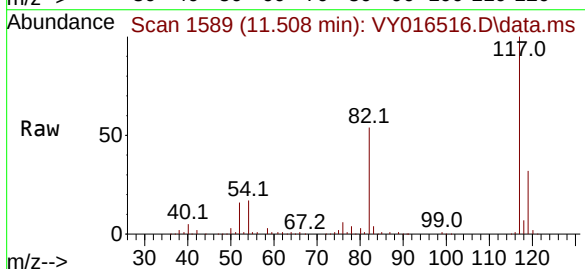
Instrument :
MSVOA_Y
ClientSampleId :
SP-4-GRAB

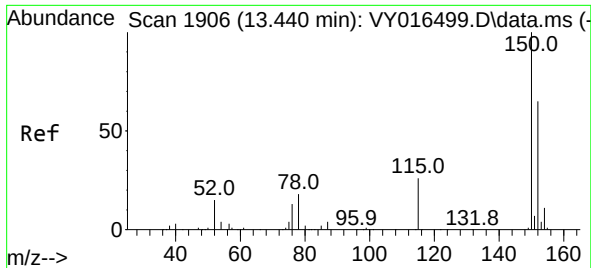
Tgt Ion: 95 Resp: 67902
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.2
176 88.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016516.D
Acq: 28 Nov 2023 13:26

Tgt Ion: 117 Resp: 173698
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016516.D

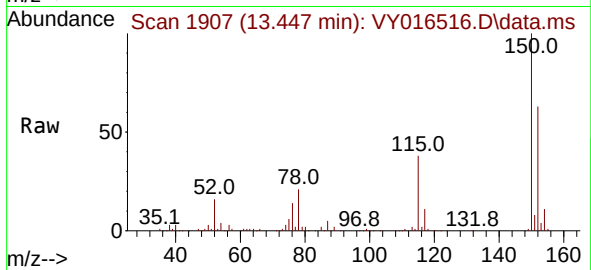
Acq: 28 Nov 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

SP-4-GRAB



Tgt Ion:152 Resp: 71558

Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 158.6 0.0 348.8

