

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018919.D
 Acq On : 25 Jul 2024 18:15
 Operator : SY/MD
 Sample : P3343-03
 Misc : 5.91g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A-GRAB

Quant Time: Jul 26 03:02:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

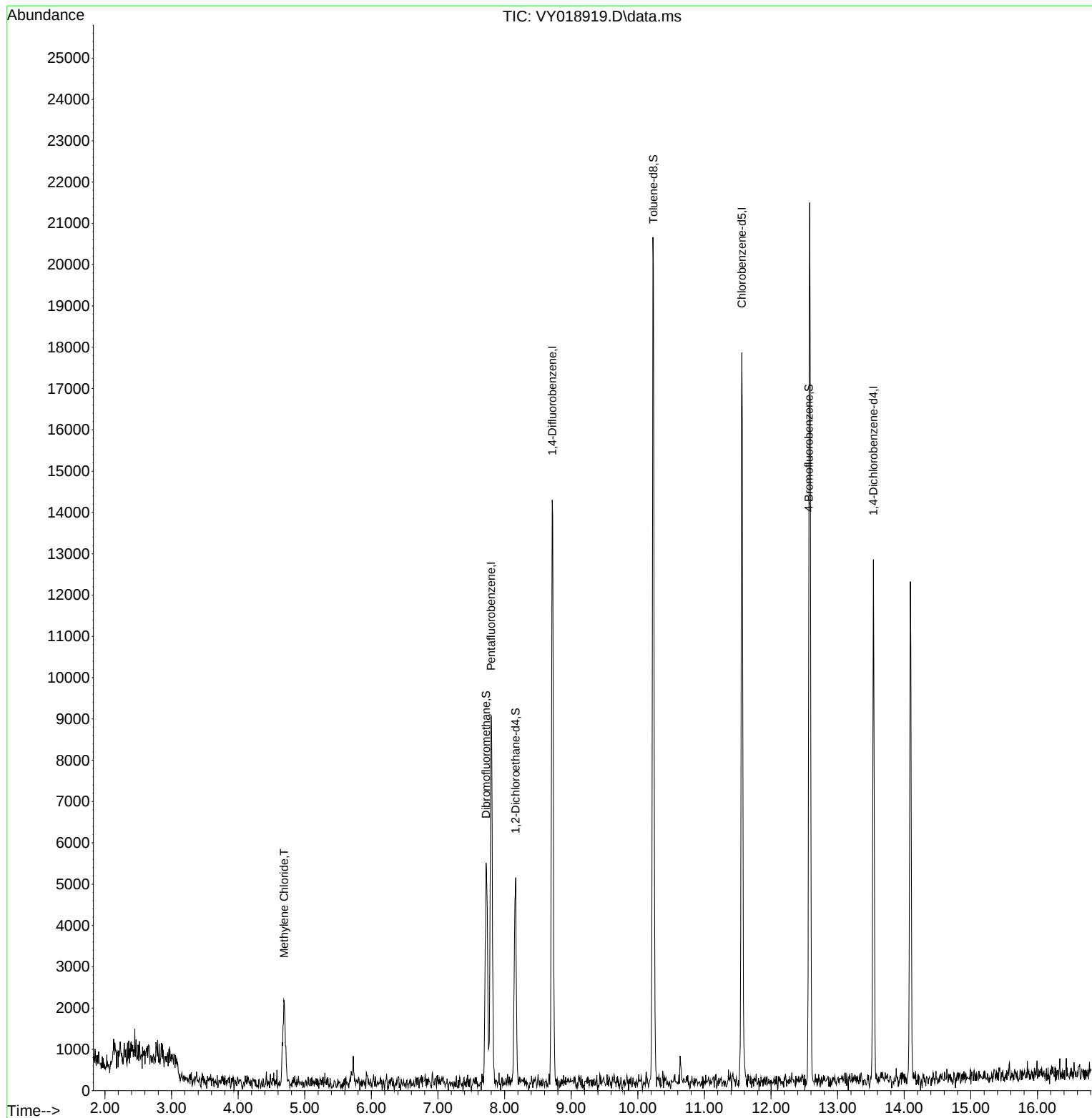
Internal Standards						
1) Pentafluorobenzene	7.795	168	7700	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.715	114	12770	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.562	117	10791	50.000	ug/l	0.08
72) 1,4-Dichlorobenzene-d4	13.538	152	3432	50.000	ug/l	0.12
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	4234	55.880	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.760%
35) Dibromofluoromethane	7.722	113	3982	49.787	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.233	98	14225	46.945	ug/l	0.06
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.880%
62) 4-Bromofluorobenzene	12.568	95	3677	35.533	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.060%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.692	84	1492	15.427	ug/l	# 84

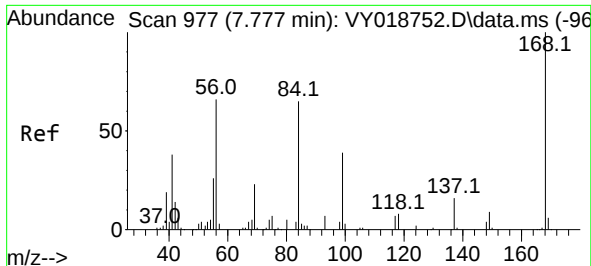
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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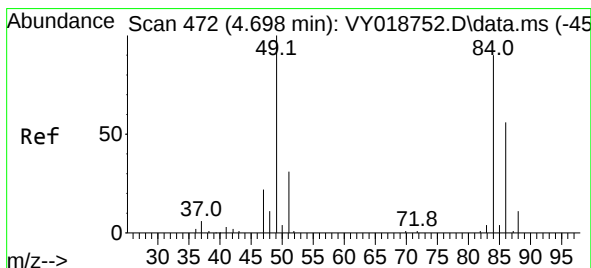
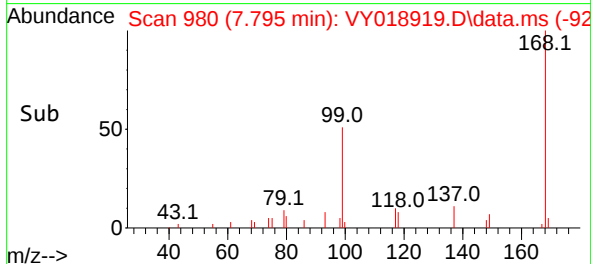
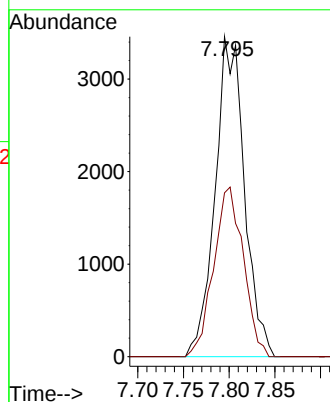
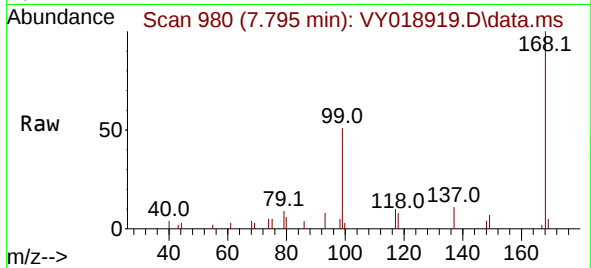




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

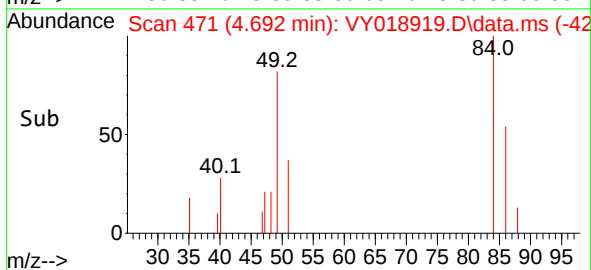
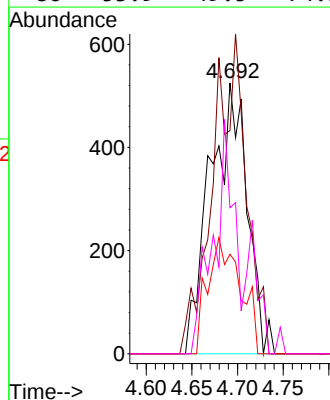
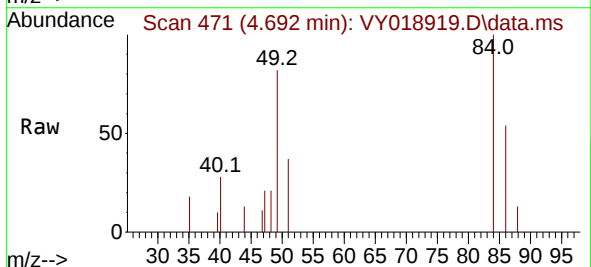
Instrument :
MSVOA_Y
ClientSampleId :
SP-A-GRAB

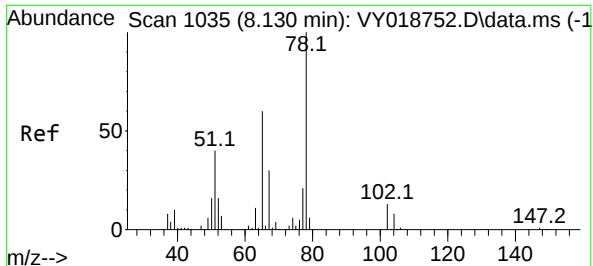
Tgt Ion:168 Resp: 7700
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#20
Methylene Chloride
Concen: 15.427 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

Tgt Ion: 84 Resp: 1492
Ion Ratio Lower Upper
84 100
49 82.5 84.4 126.6#
51 36.8 26.0 39.0
86 53.9 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 55.880 ug/l

RT: 8.167 min Scan# 1103

Delta R.T. 0.036 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

Instrument :

MSVOA_Y

ClientSampleId :

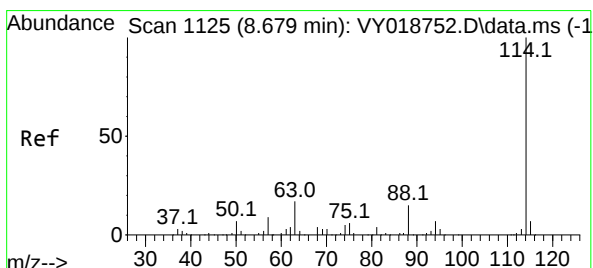
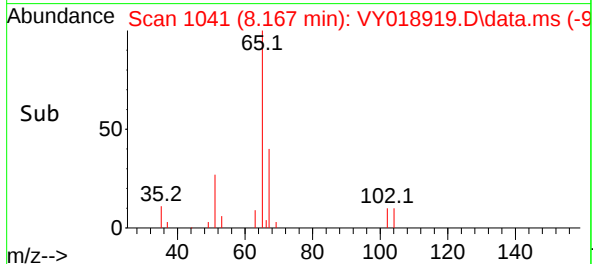
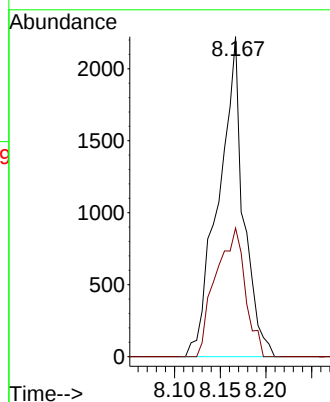
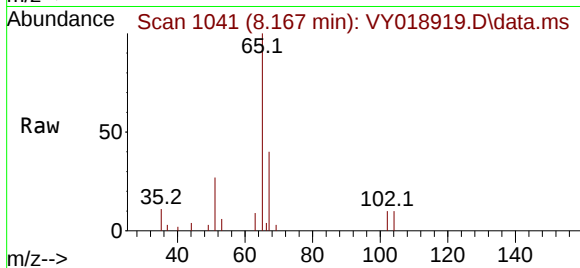
SP-A-GRAB

Tgt Ion: 65 Resp: 4234

Ion Ratio Lower Upper

65 100

67 47.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. 0.036 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

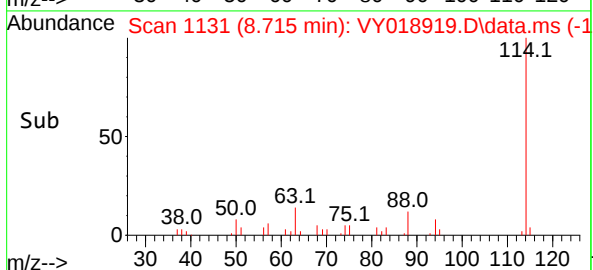
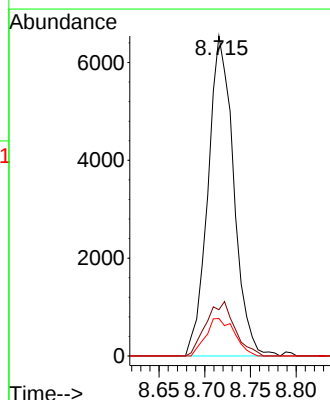
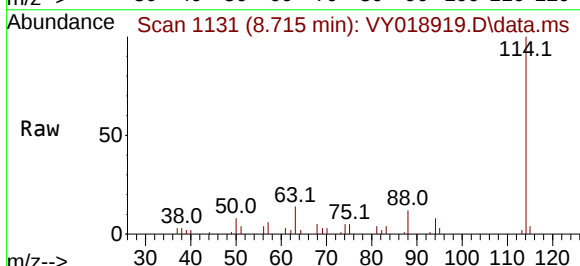
Tgt Ion: 114 Resp: 12770

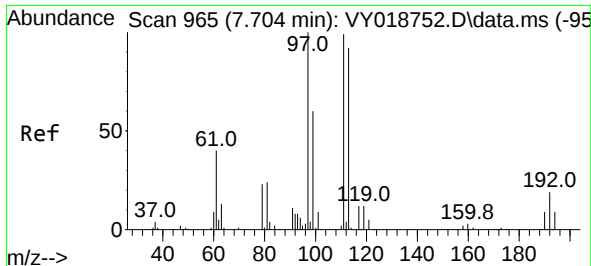
Ion Ratio Lower Upper

114 100

63 14.5 0.0 35.0

88 11.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.787 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.018 min

Lab File: VY018919.D

Acq: 25 Jul 2024 18:15

Instrument :

MSVOA_Y

ClientSampleId :

SP-A-GRAB

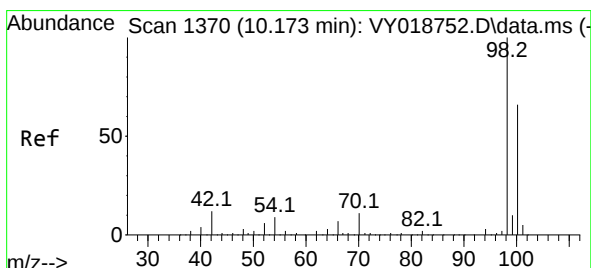
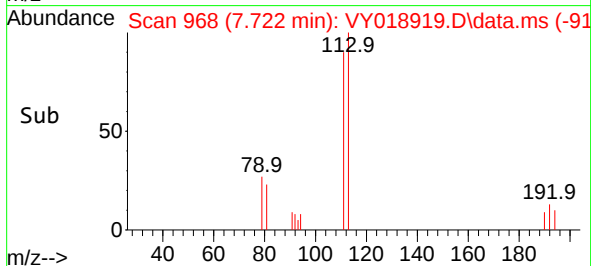
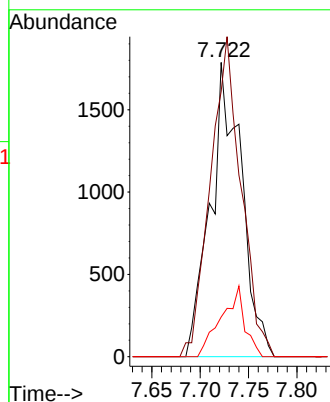
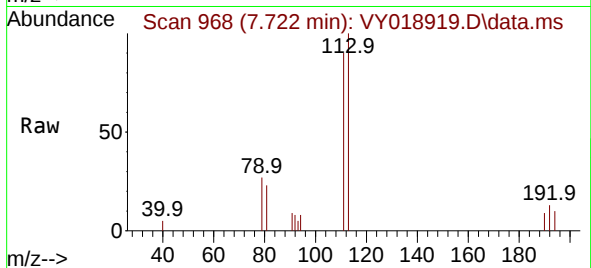
Tgt Ion:113 Resp: 3982

Ion Ratio Lower Upper

113 100

111 107.7 82.2 123.4

192 18.3 15.9 23.9



#50

Toluene-d8

Concen: 46.945 ug/l

RT: 10.233 min Scan# 1380

Delta R.T. 0.061 min

Lab File: VY018919.D

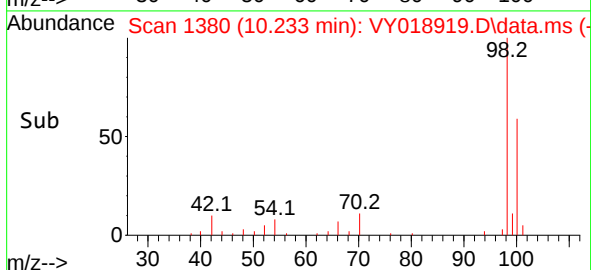
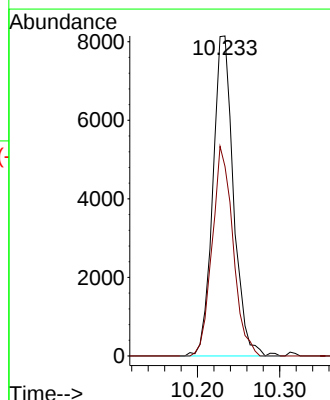
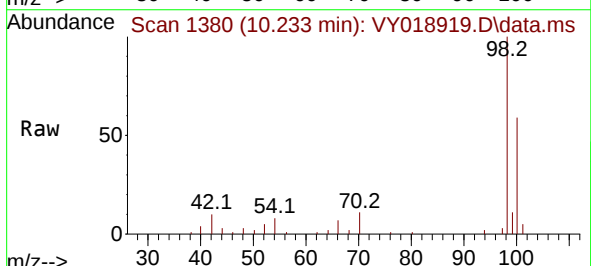
Acq: 25 Jul 2024 18:15

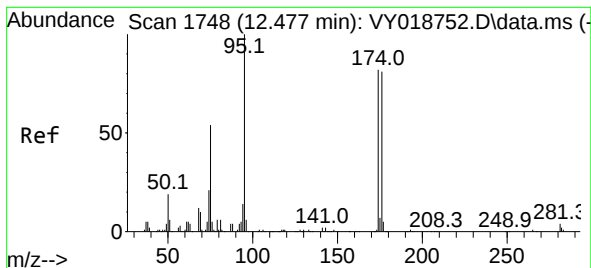
Tgt Ion: 98 Resp: 14225

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0

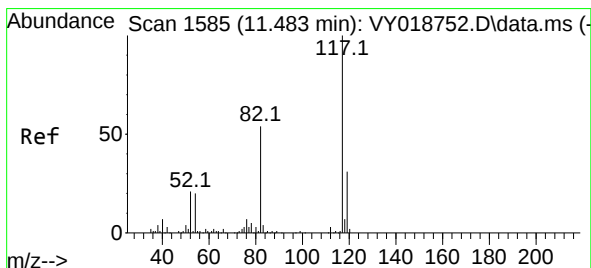
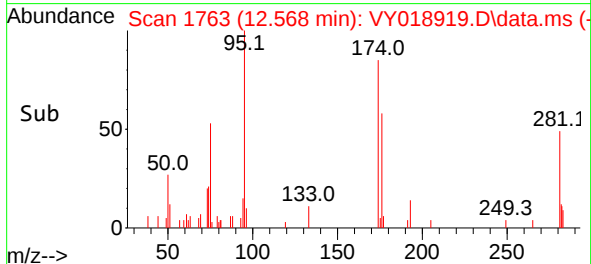
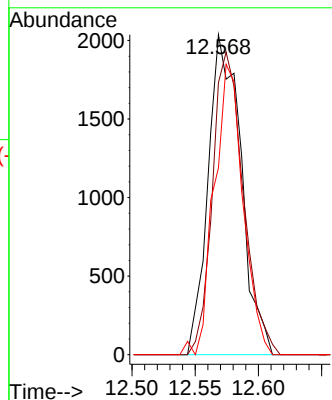
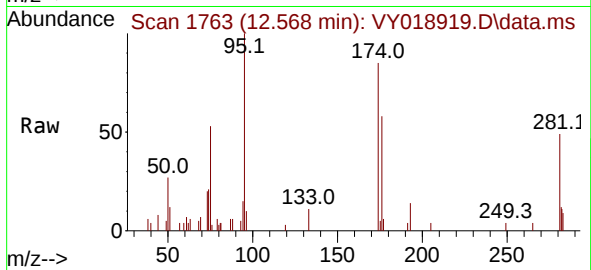




#62
4-Bromofluorobenzene
Concen: 35.533 ug/l
RT: 12.568 min Scan# 1763
Delta R.T. 0.091 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

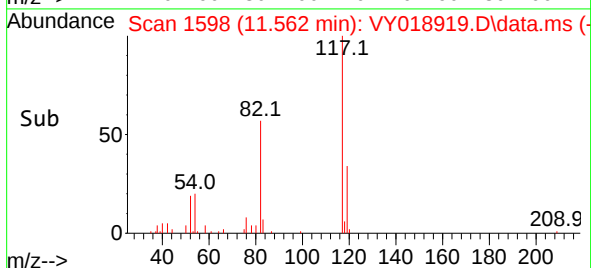
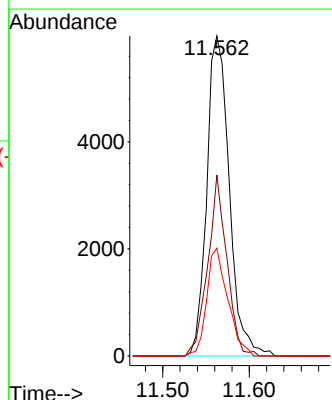
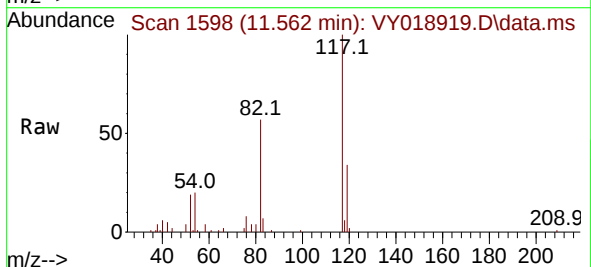
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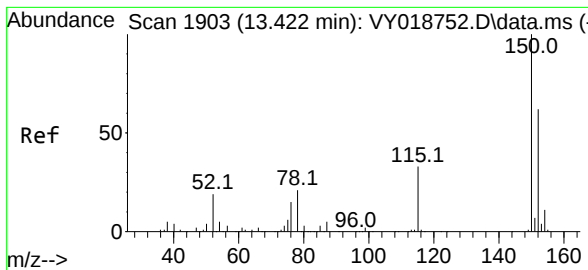
Tgt Ion: 95 Resp: 3677
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 79.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.562 min Scan# 1598
Delta R.T. 0.079 min
Lab File: VY018919.D
Acq: 25 Jul 2024 18:15

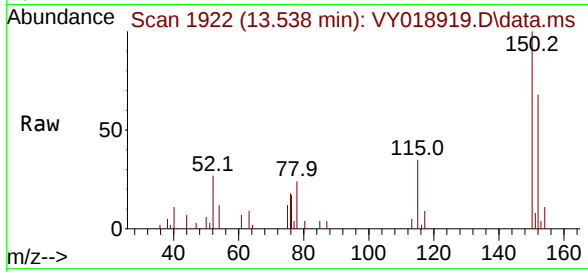
Tgt Ion: 117 Resp: 10791
Ion Ratio Lower Upper
117 100
82 56.6 42.4 63.6
119 33.7 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.538 min Scan# 19
 Delta R.T. 0.116 min
 Lab File: VY018919.D
 Acq: 25 Jul 2024 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-A-GRAB



Tgt Ion:	152	Resp:	3432
Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	152.2	0.0	345.6

