

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052824\
 Data File : VY018387.D
 Acq On : 28 May 2024 18:02
 Operator : SY/MD
 Sample : P2615-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200035

Quant Time: May 29 01:23:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

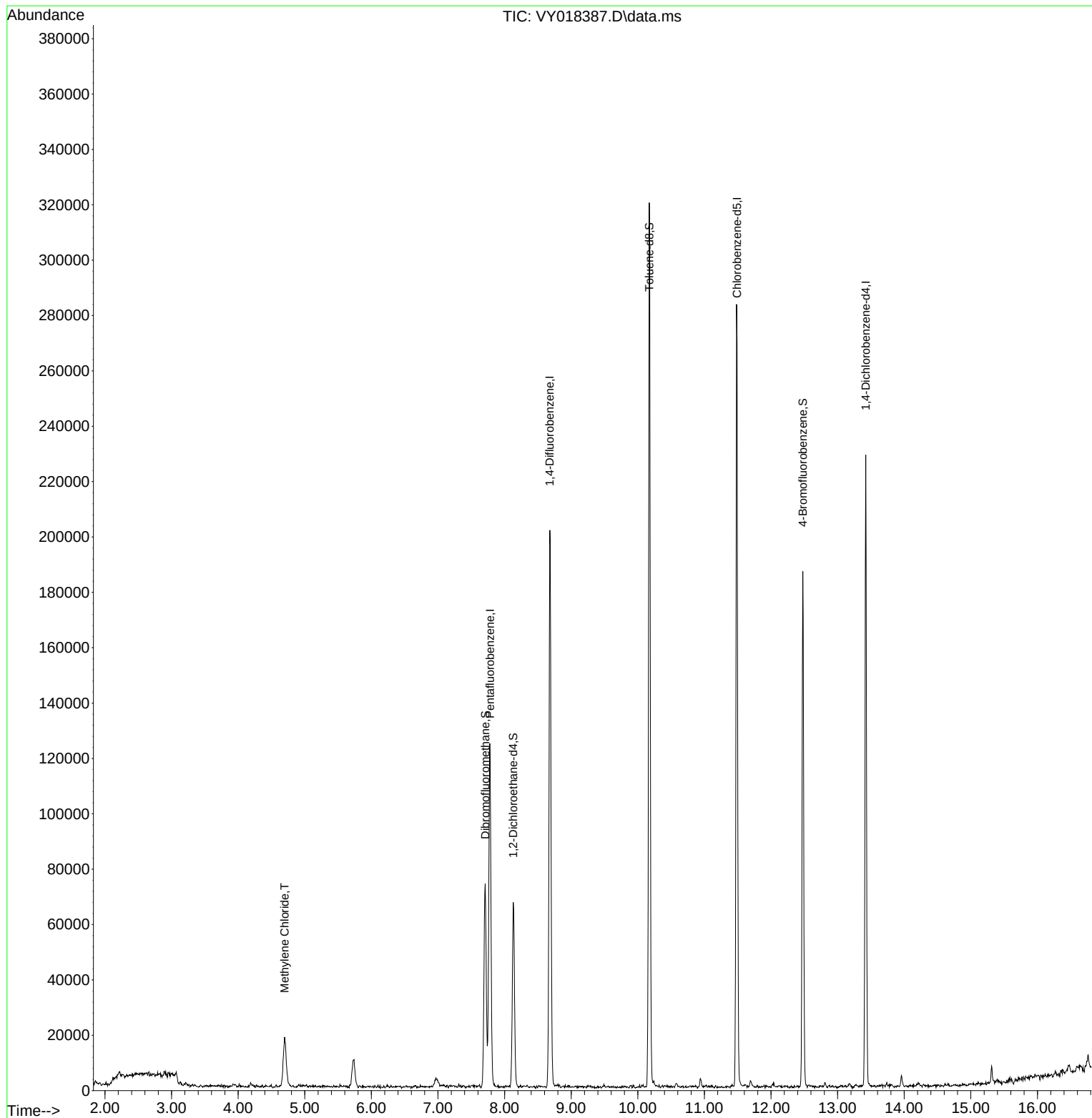
Internal Standards						
1) Pentafluorobenzene	7.783	168	88888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	175252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	151288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	52685	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	49585	58.880	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.760%
35) Dibromofluoromethane	7.710	113	53455	52.305	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.620%
50) Toluene-d8	10.173	98	204761	51.389	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.780%
62) 4-Bromofluorobenzene	12.477	95	58425	47.454	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.900%
Target Compounds						
20) Methylene Chloride	4.698	84	13173	9.265	ug/l	Qvalue # 86

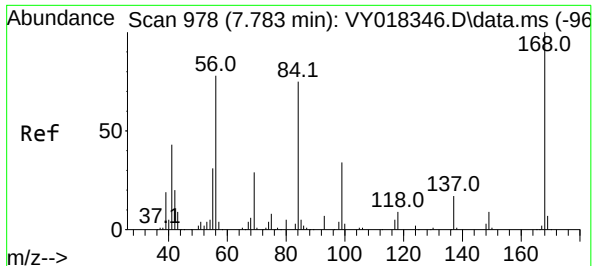
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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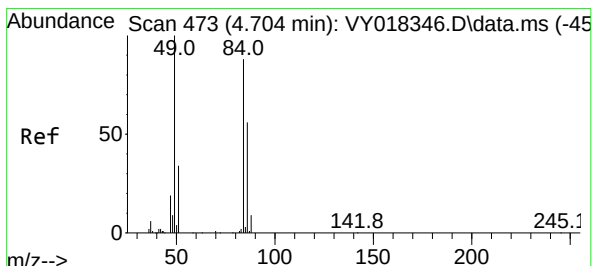
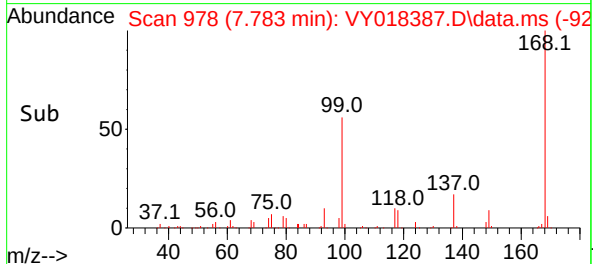
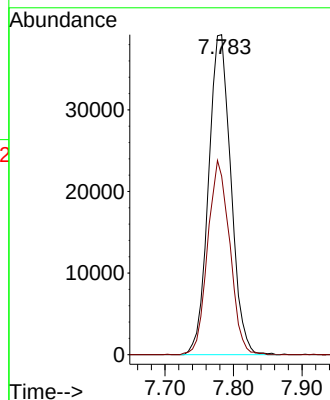
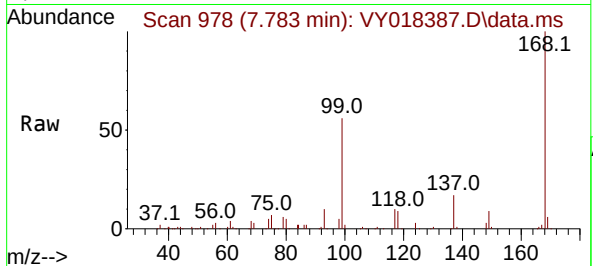




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

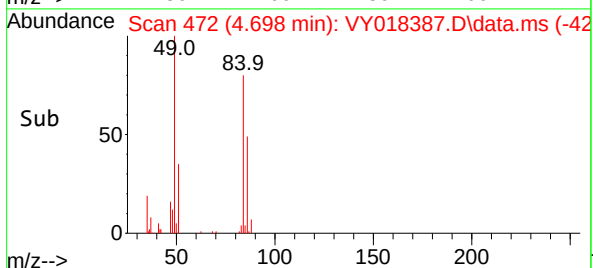
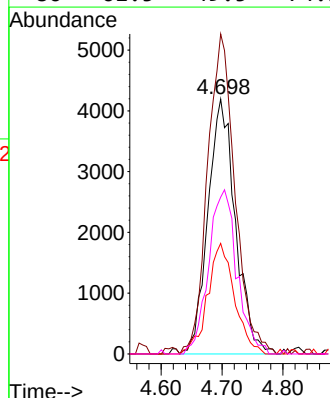
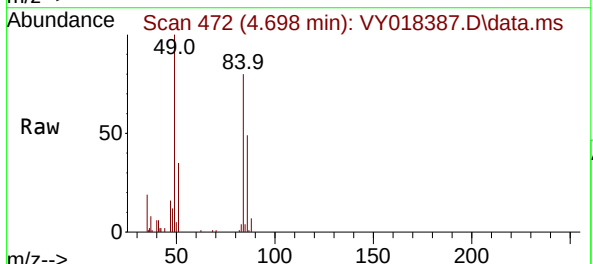
Instrument :
MSVOA_Y
ClientSampleId :
RBR200035

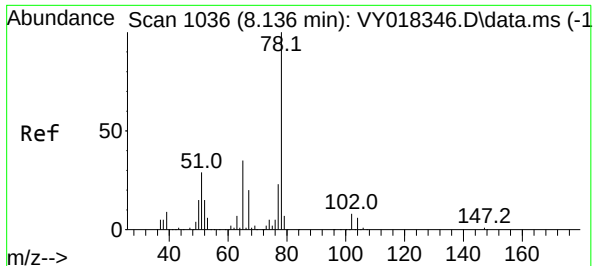
Tgt Ion:168 Resp: 88888
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#20
Methylene Chloride
Concen: 9.265 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 84 Resp: 13173
Ion Ratio Lower Upper
84 100
49 125.5 84.4 126.6
51 43.4 26.0 39.0#
86 61.5 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 58.880 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY018387.D

Acq: 28 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

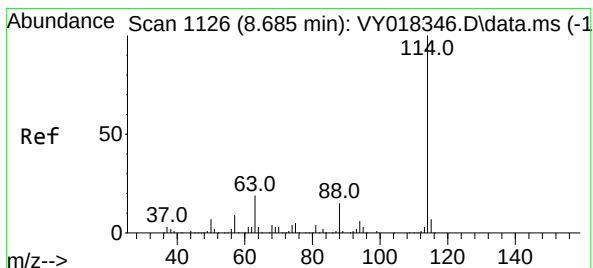
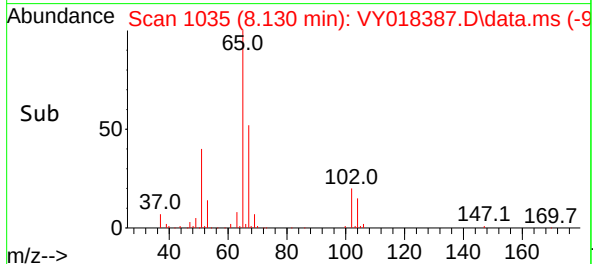
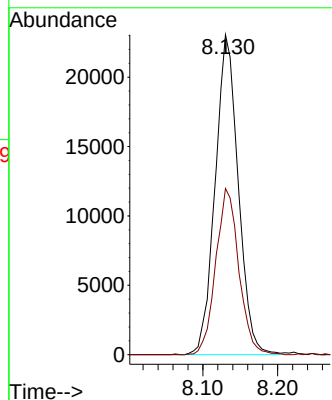
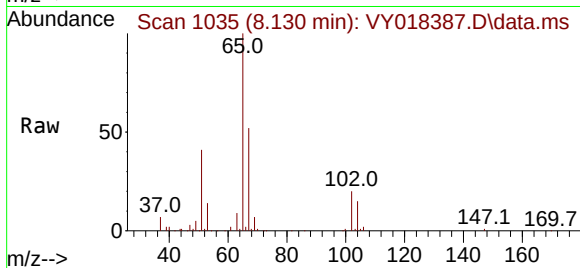
RBR200035

Tgt Ion: 65 Resp: 49585

Ion Ratio Lower Upper

65 100

67 51.9 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.006 min

Lab File: VY018387.D

Acq: 28 May 2024 18:02

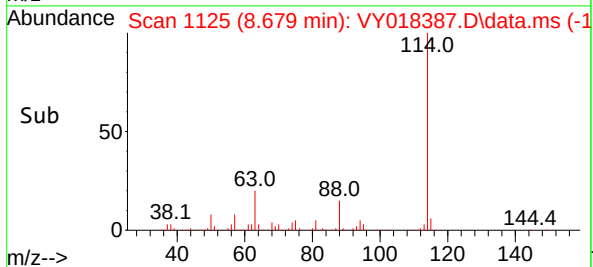
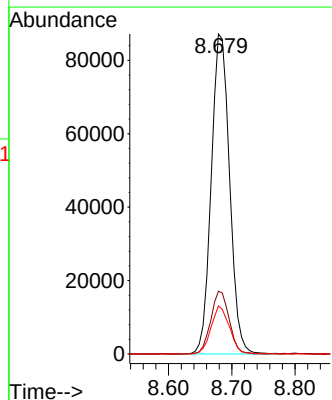
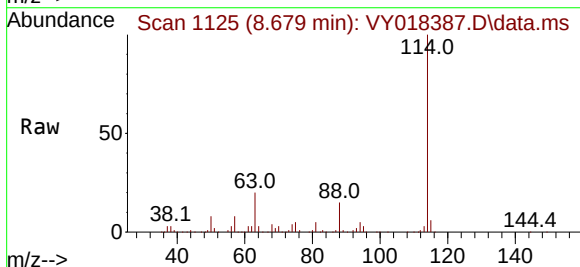
Tgt Ion: 114 Resp: 175252

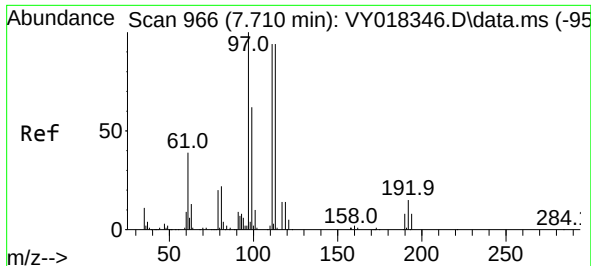
Ion Ratio Lower Upper

114 100

63 19.6 0.0 35.0

88 15.0 0.0 27.2

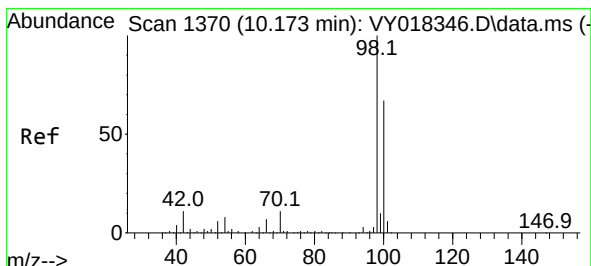
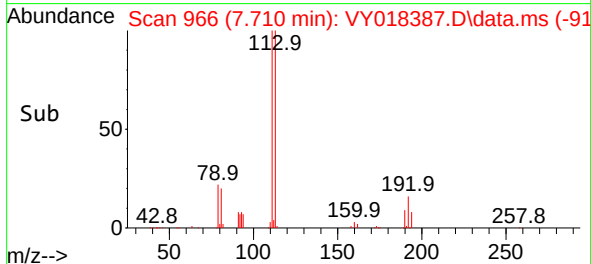
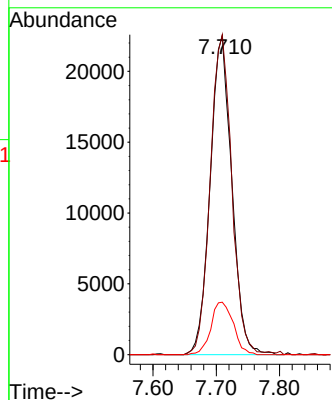
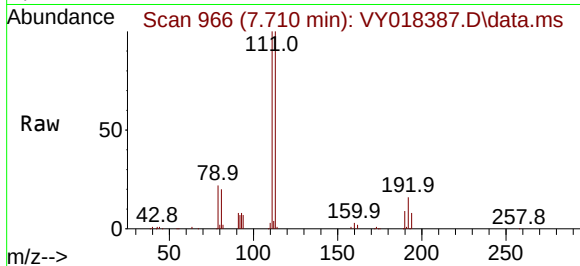




#35
 Dibromofluoromethane
 Concen: 52.305 ug/l
 RT: 7.710 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VY018387.D
 Acq: 28 May 2024 18:02

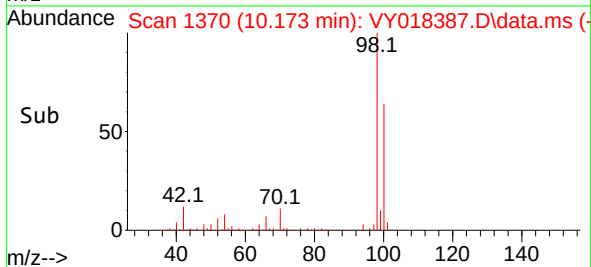
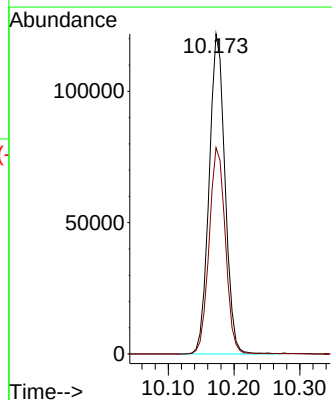
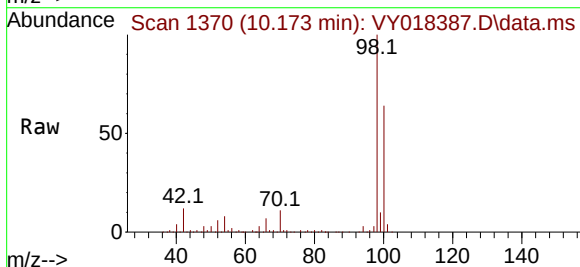
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR200035

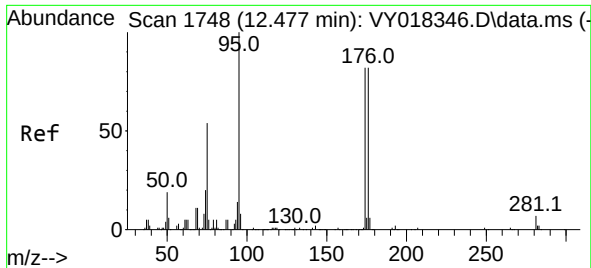
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.2	123.4
192	17.1	15.9	23.9



#50
 Toluene-d8
 Concen: 51.389 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. -0.000 min
 Lab File: VY018387.D
 Acq: 28 May 2024 18:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.0	78.0

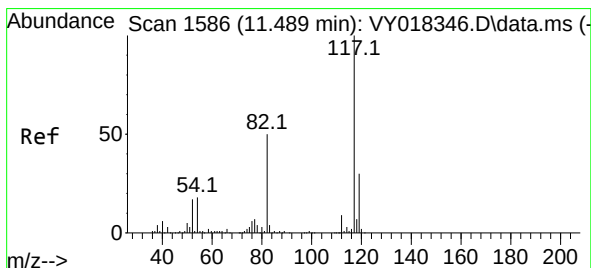
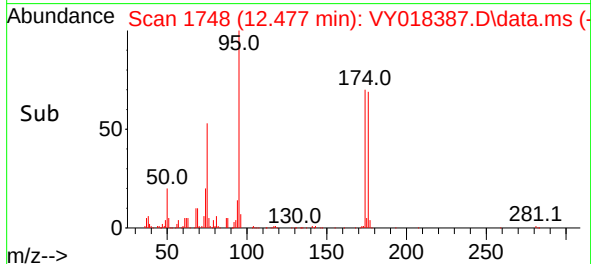
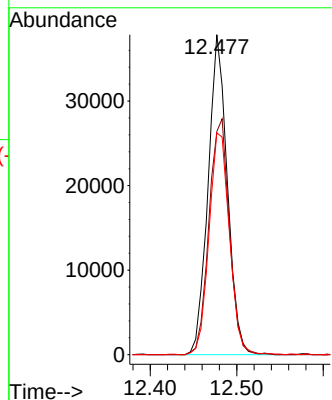
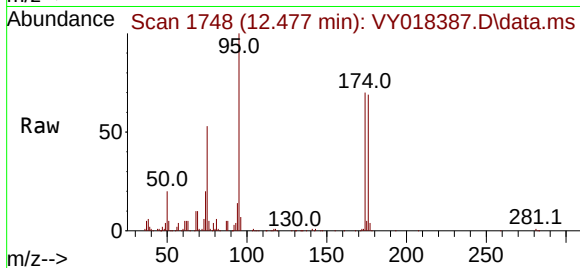




#62
4-Bromofluorobenzene
Concen: 47.454 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

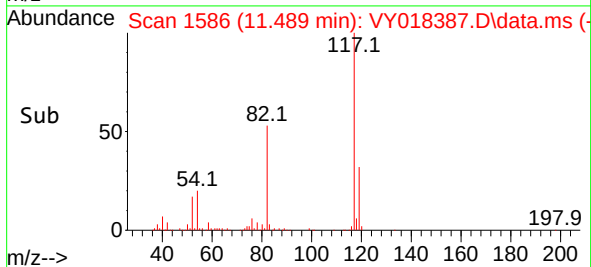
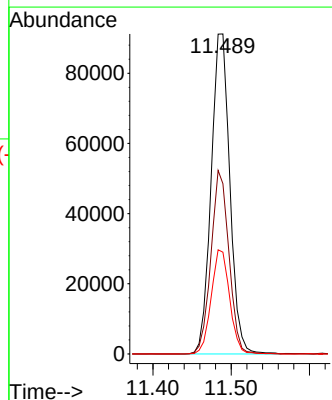
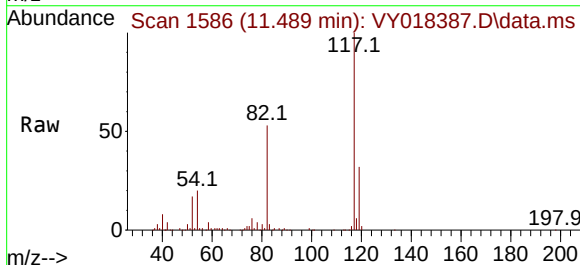
Instrument :
MSVOA_Y
ClientSampleId :
RBR200035

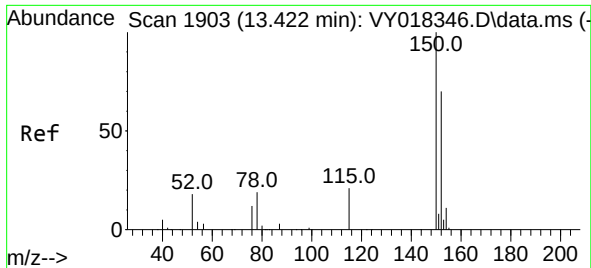
Tgt Ion: 95 Resp: 58425
Ion Ratio Lower Upper
95 100
174 78.0 0.0 175.6
176 73.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018387.D
Acq: 28 May 2024 18:02

Tgt Ion: 117 Resp: 151288
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 31.8 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY018387.D

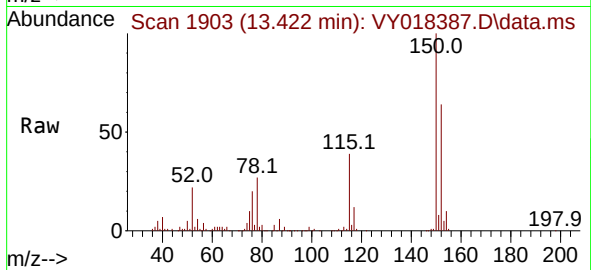
Acq: 28 May 2024 18:02

Instrument :

MSVOA_Y

ClientSampleId :

RBR200035



Tgt Ion:152 Resp: 52685

Ion Ratio Lower Upper

152 100

115 60.7 28.2 84.7

150 159.3 0.0 345.6

