

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017231.D
 Acq On : 05 Feb 2024 16:04
 Operator : SY/MD
 Sample : P1307-11RE
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-614-VOC-02RE

Quant Time: Feb 06 01:01:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

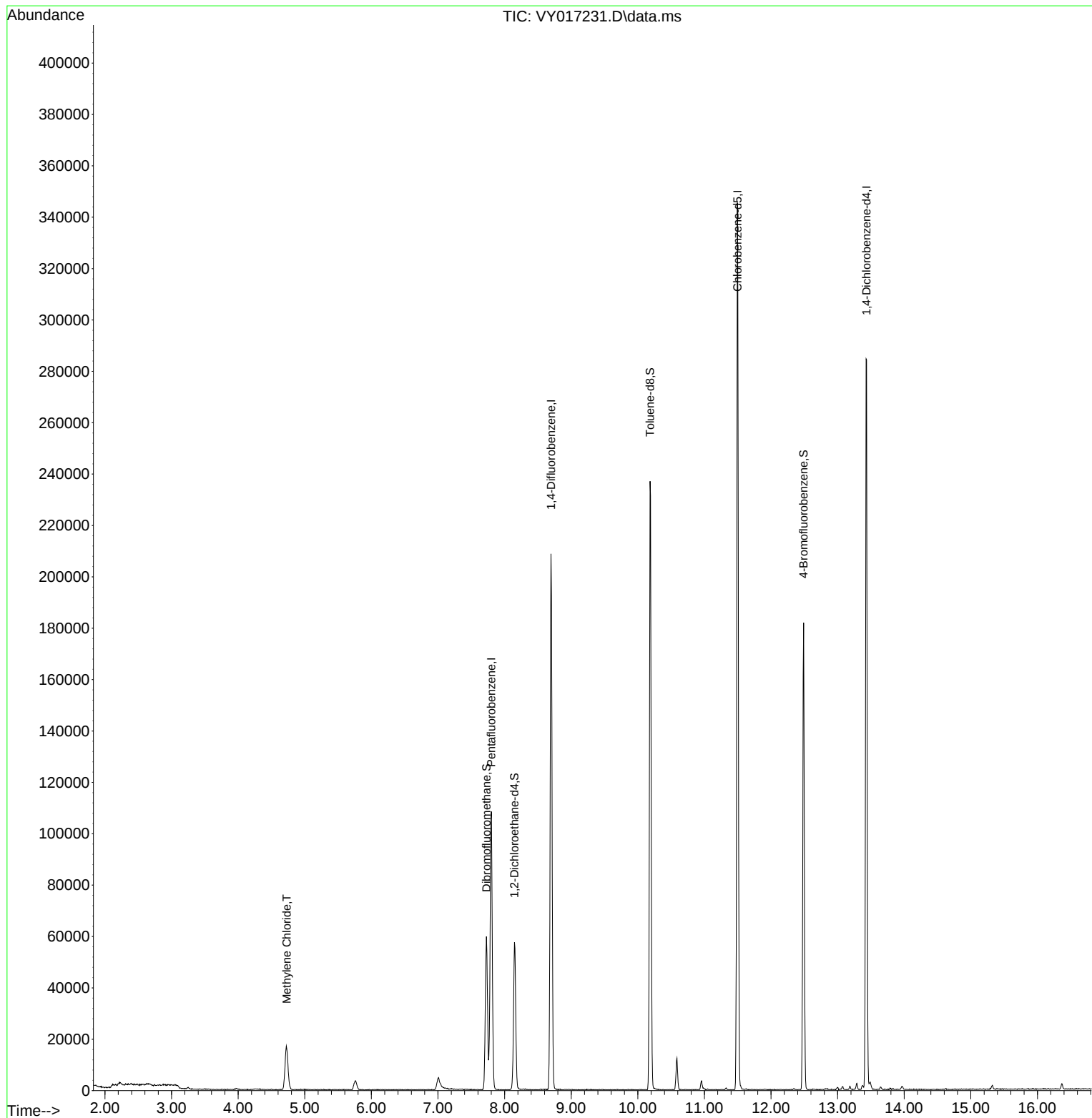
Internal Standards						
1) Pentafluorobenzene	7.801	168	83113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	178700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	184523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42900	57.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.560%
35) Dibromofluoromethane	7.728	113	42632	44.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.360%
50) Toluene-d8	10.185	98	157191	44.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.500%
62) 4-Bromofluorobenzene	12.489	95	54682	47.517	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%
Target Compounds						Qvalue
20) Methylene Chloride	4.728	84	12703	11.516	ug/l	97

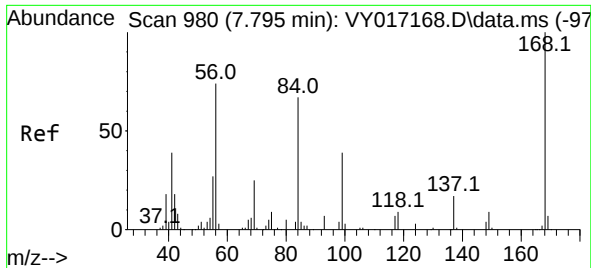
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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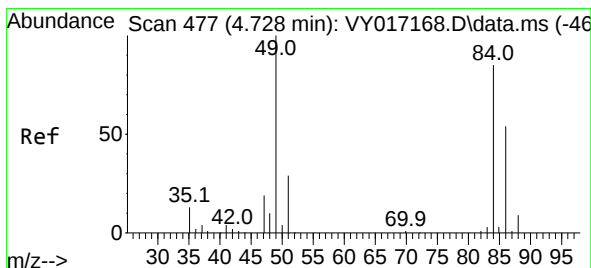
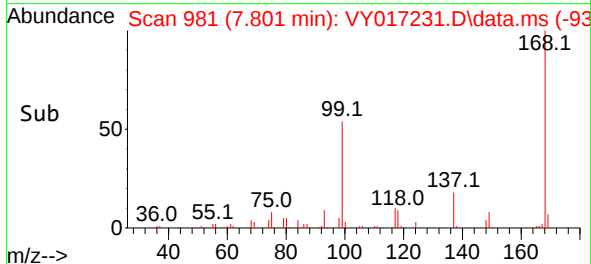
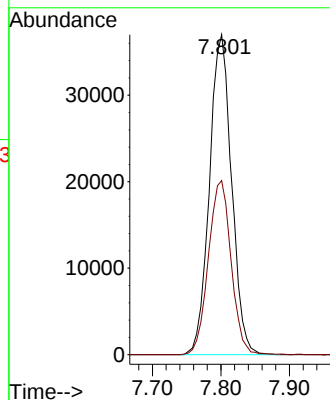
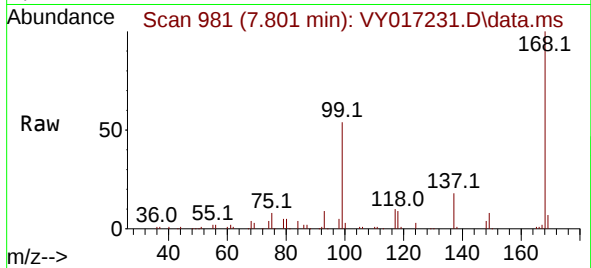




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017231.D
Acq: 05 Feb 2024 16:04

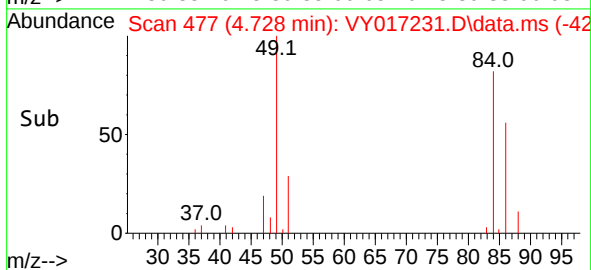
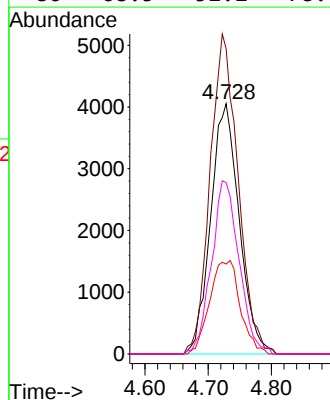
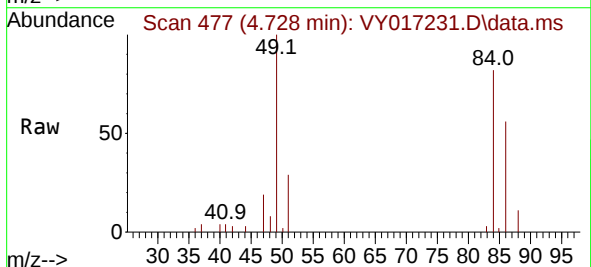
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-02RE

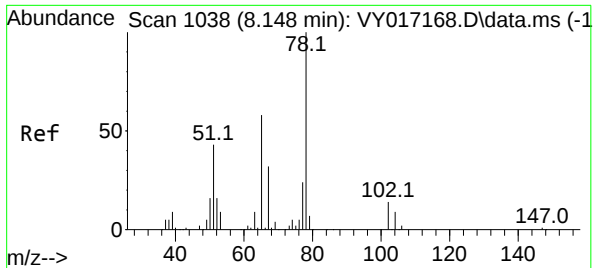
Tgt Ion:168 Resp: 83113
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#20
Methylene Chloride
Concen: 11.516 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.000 min
Lab File: VY017231.D
Acq: 05 Feb 2024 16:04

Tgt Ion: 84 Resp: 12703
Ion Ratio Lower Upper
84 100
49 122.0 95.2 142.8
51 35.9 29.9 44.9
86 68.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 57.779 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017231.D

Acq: 05 Feb 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

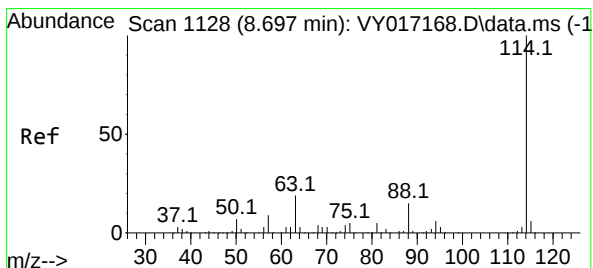
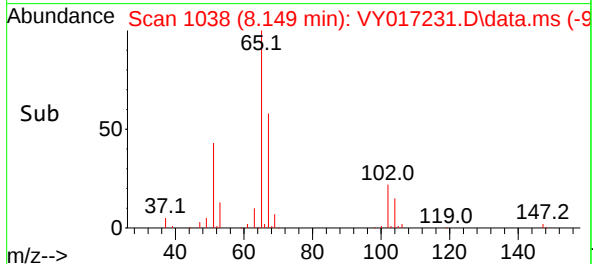
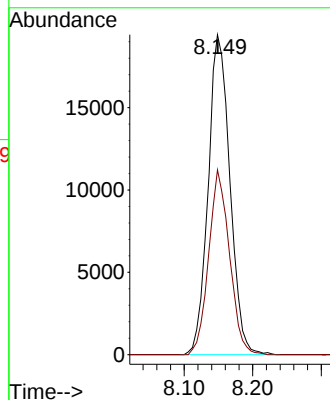
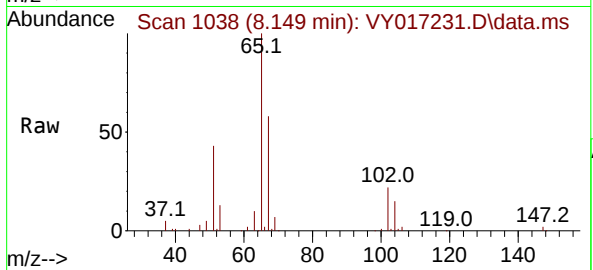
TR-614-VOC-02RE

Tgt Ion: 65 Resp: 42900

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017231.D

Acq: 05 Feb 2024 16:04

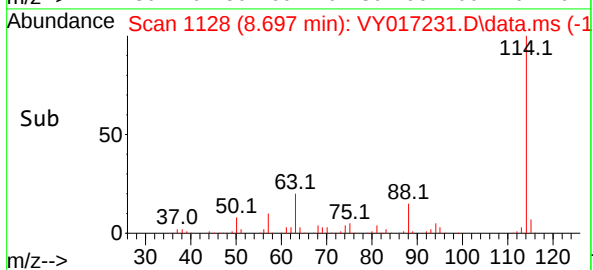
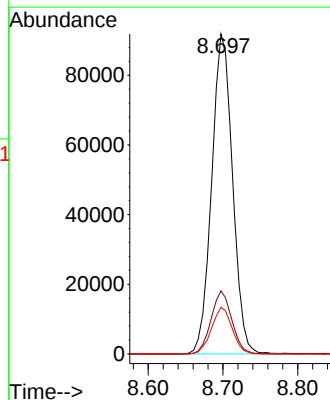
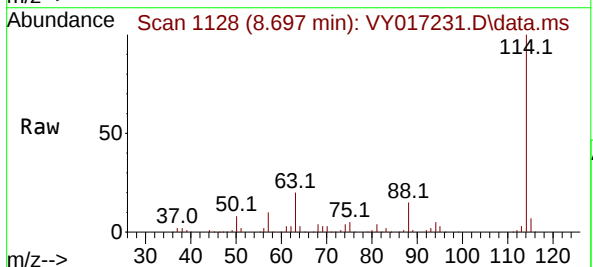
Tgt Ion: 114 Resp: 178700

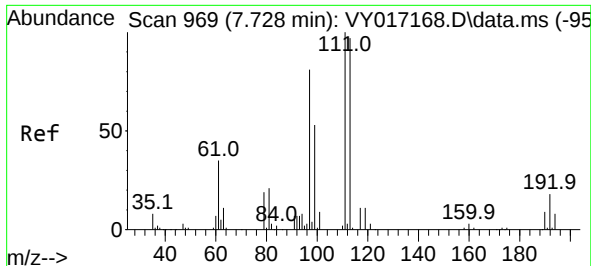
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 14.6 0.0 29.0

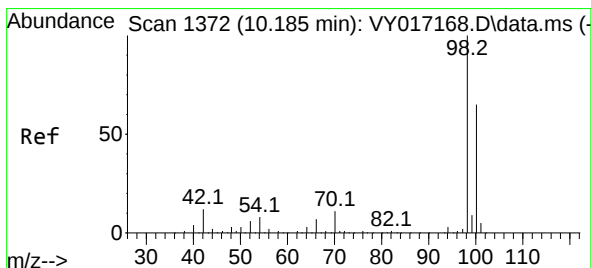
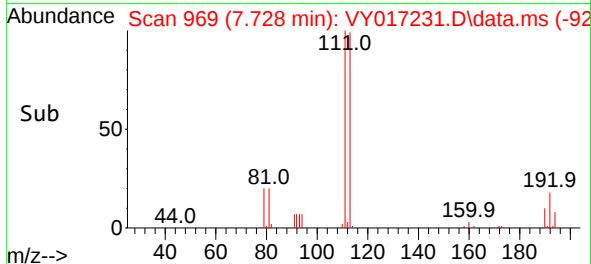
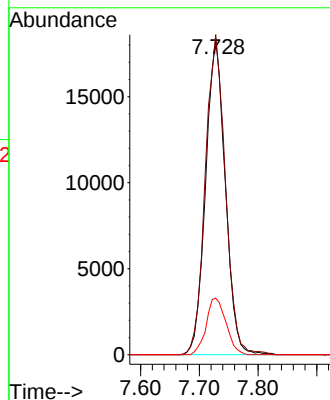
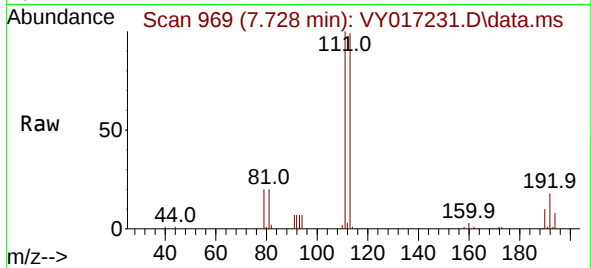




#35
Dibromofluoromethane
Concen: 44.184 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017231.D
Acq: 05 Feb 2024 16:04

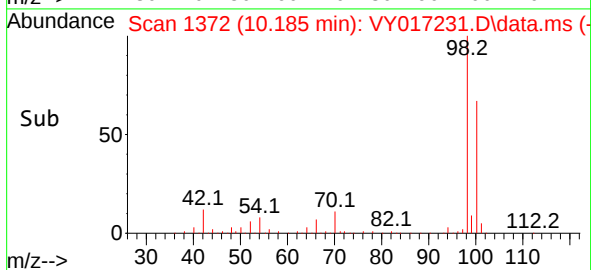
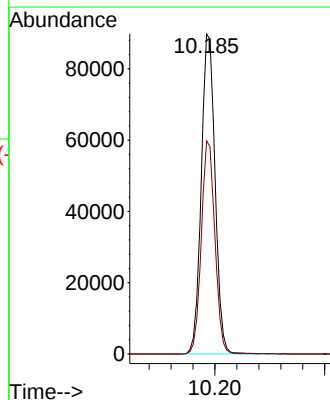
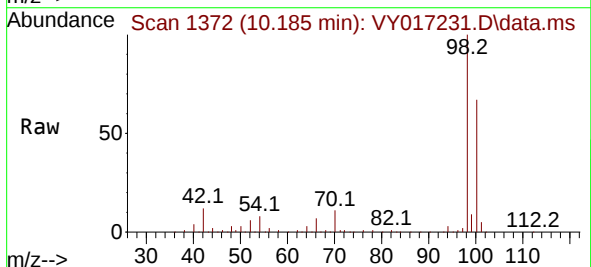
Instrument :
MSVOA_Y
ClientSampleId :
TR-614-VOC-02RE

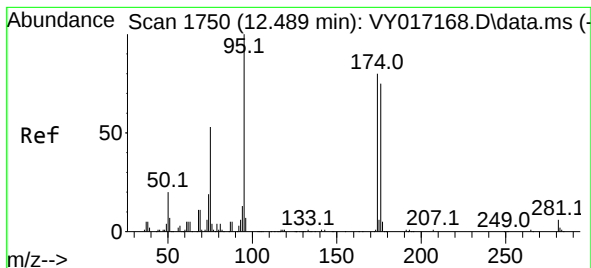
Tgt Ion:113 Resp: 42632
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.1 14.5 21.7



#50
Toluene-d8
Concen: 44.746 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017231.D
Acq: 05 Feb 2024 16:04

Tgt Ion: 98 Resp: 157191
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

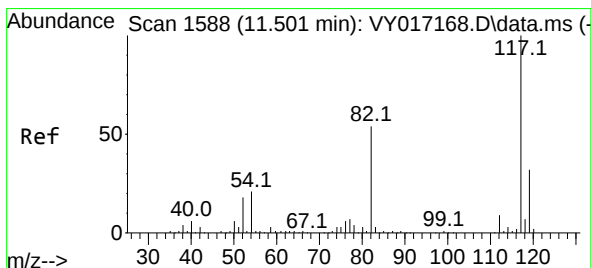
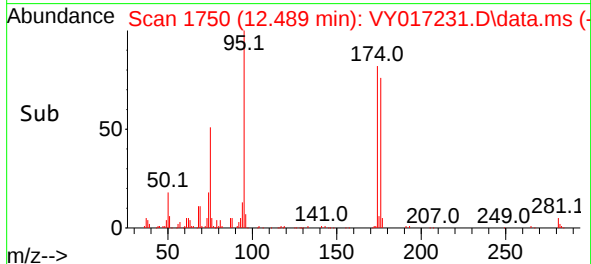
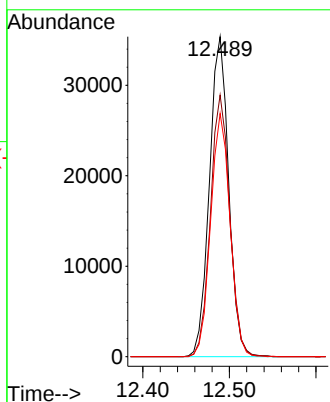
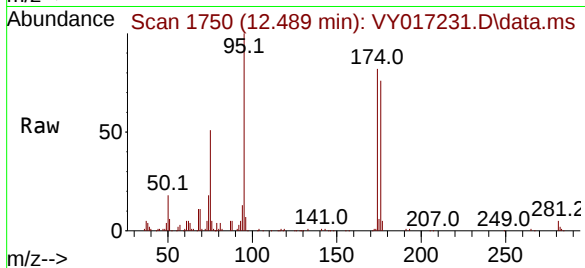




#62
4-Bromofluorobenzene
Concen: 47.517 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017231.D
Acq: 05 Feb 2024 16:04

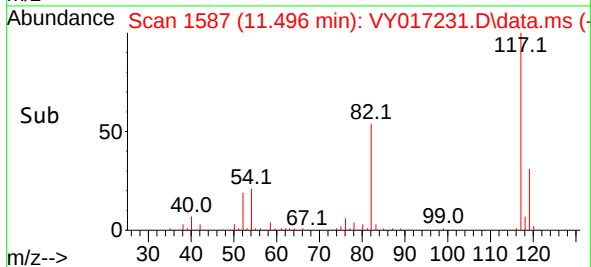
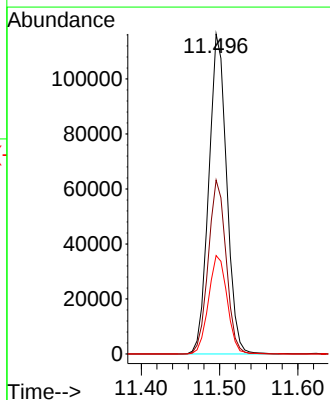
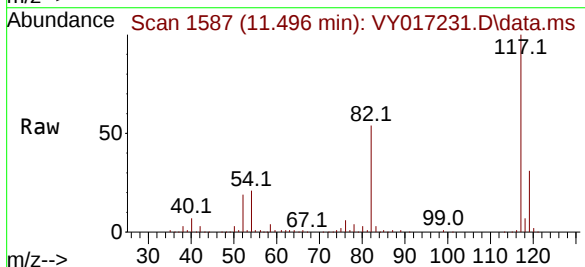
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ClientSampleId :
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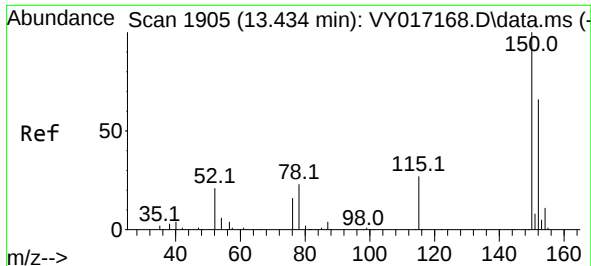
Tgt Ion:	95	Resp:	54682
Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	160.0
176	76.6	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY017231.D
Acq: 05 Feb 2024 16:04

Tgt Ion:	117	Resp:	184523
Ion	Ratio	Lower	Upper
117	100		
82	54.4	43.8	65.8
119	30.8	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017231.D

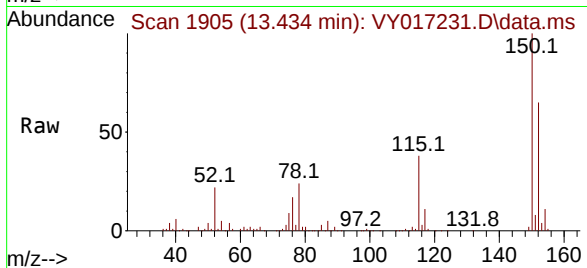
Acq: 05 Feb 2024 16:04

Instrument :

MSVOA_Y

ClientSampleId :

TR-614-VOC-02RE



Tgt Ion:152 Resp: 74211

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 158.0 0.0 344.6

