

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053123\
 Data File : VY013951.D
 Acq On : 31 May 2023 21:17
 Operator : KP/MD
 Sample : 02852-09RE
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-32-G3-SO-50.5-051823RE

Quant Time: Jun 01 03:32:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

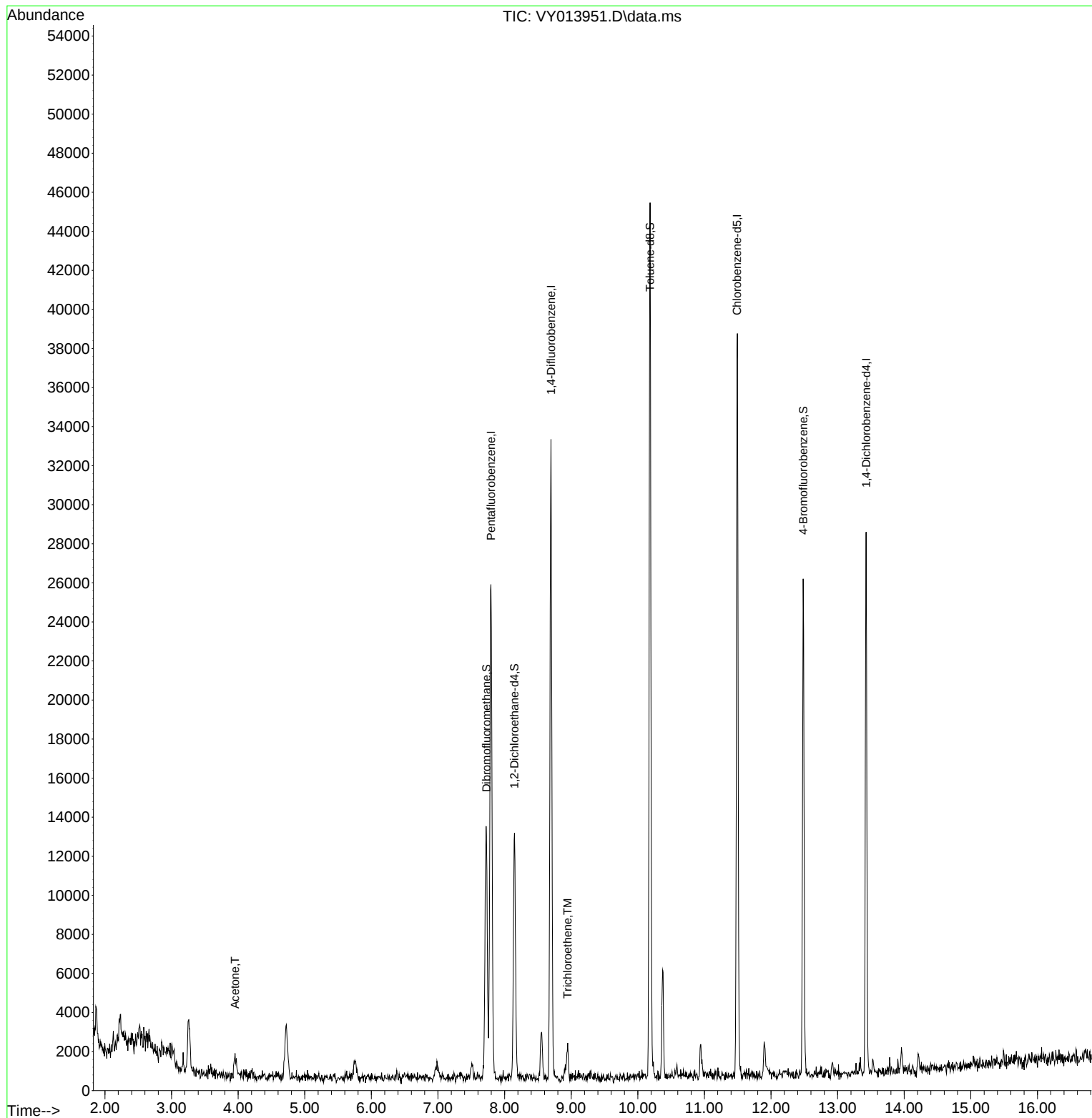
Internal Standards						
1) Pentafluorobenzene	7.795	168	19614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	26399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	20665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10352	45.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.728	113	9065	53.171	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.340%
50) Toluene-d8	10.185	98	30183	46.581	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.483	95	6892	31.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.000%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1803	26.771	ug/l	91
44) Trichloroethene	8.947	130	493	2.454	ug/l	82

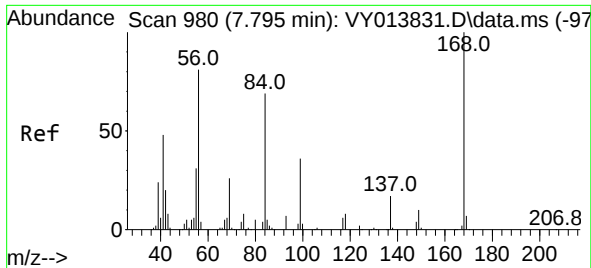
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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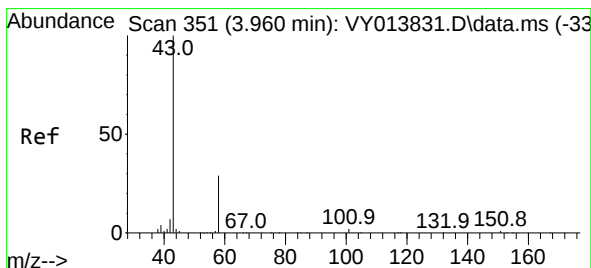
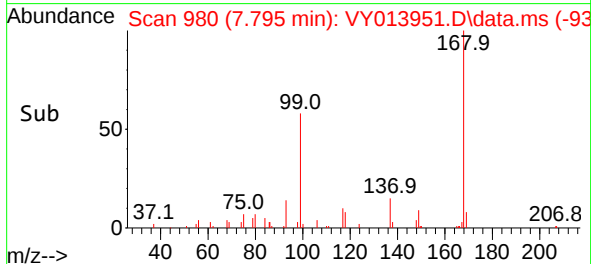
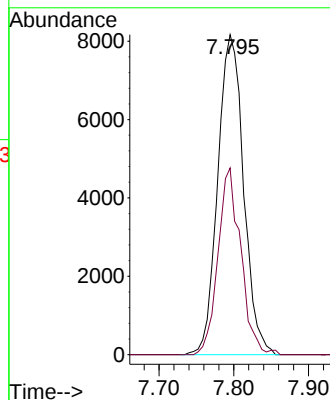
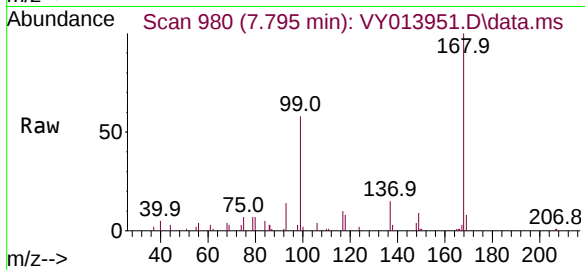




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

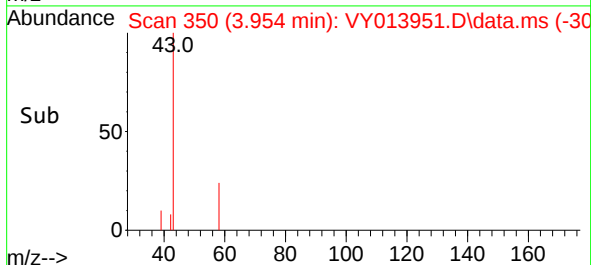
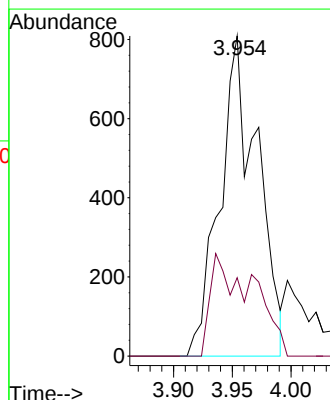
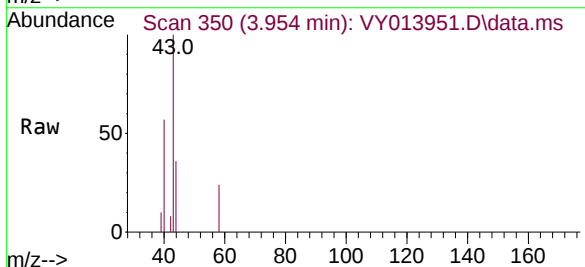
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

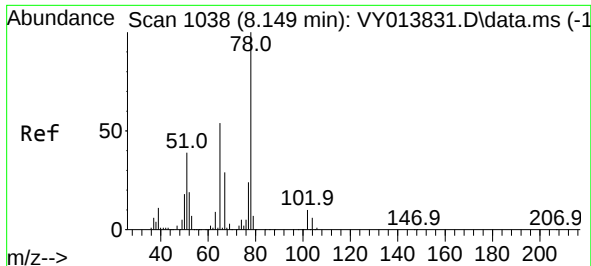
Tgt Ion:168 Resp: 19614
Ion Ratio Lower Upper
168 100
99 58.4 43.4 65.2



#16
Acetone
Concen: 26.771 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 24.5 23.3 34.9





#33

1,2-Dichloroethane-d4

Concen: 45.621 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY013951.D

Acq: 31 May 2023 21:17

Instrument :

MSVOA_Y

ClientSampleId :

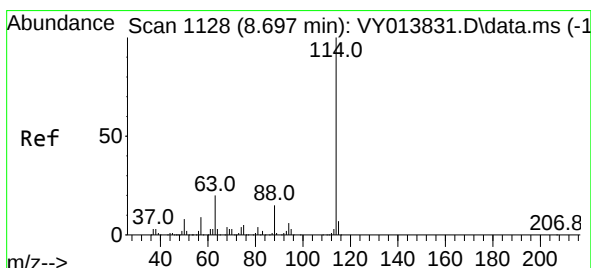
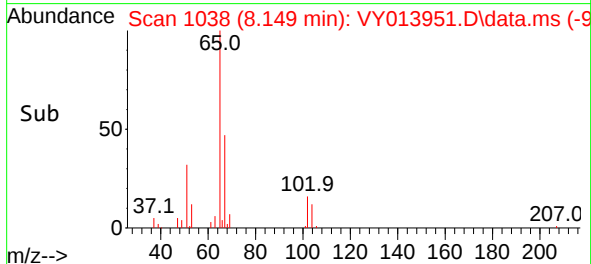
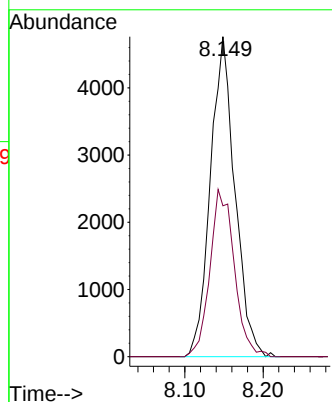
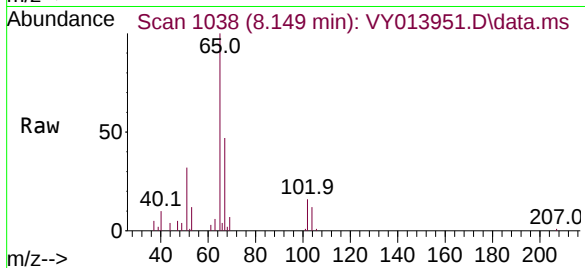
CB-32-G3-SO-50.5-051823RE

Tgt Ion: 65 Resp: 10352

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY013951.D

Acq: 31 May 2023 21:17

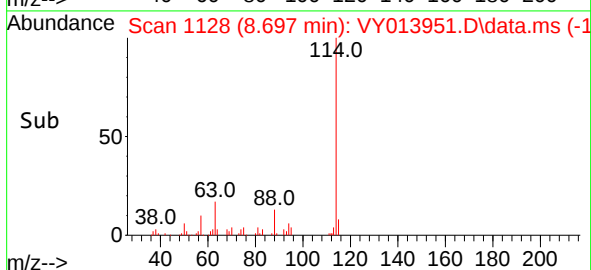
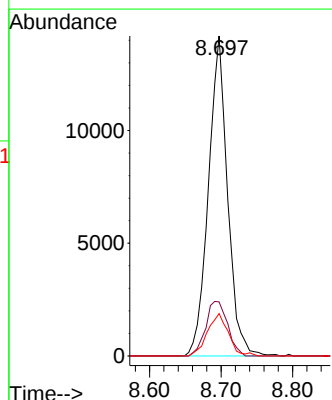
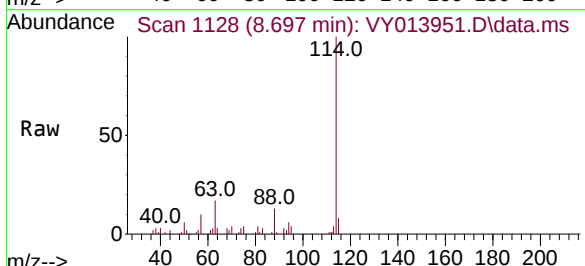
Tgt Ion: 114 Resp: 26399

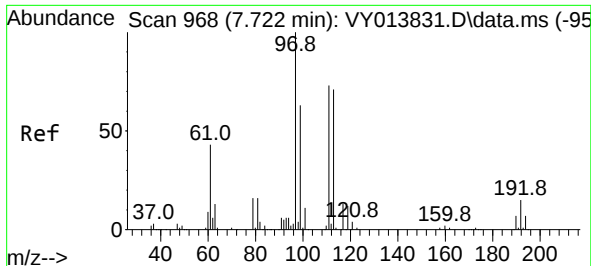
Ion Ratio Lower Upper

114 100

63 16.9 0.0 40.2

88 13.3 0.0 30.0

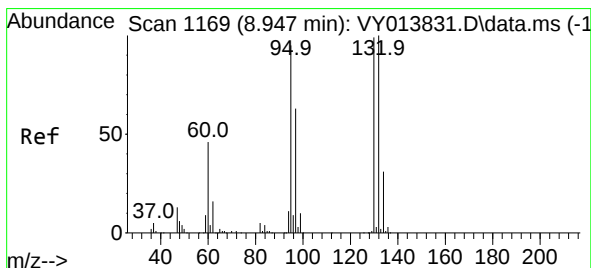
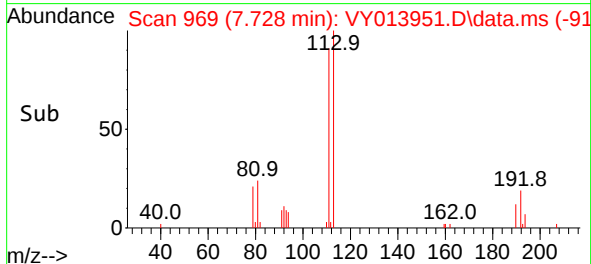
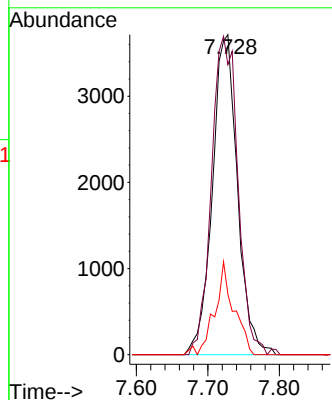
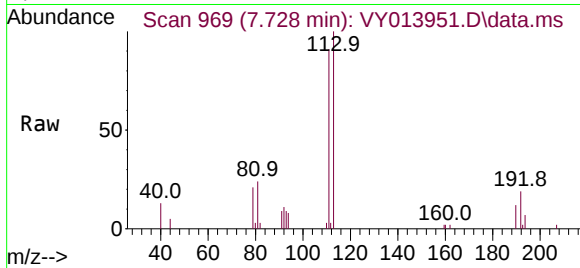




#35
Dibromofluoromethane
Concen: 53.171 ug/l
RT: 7.728 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

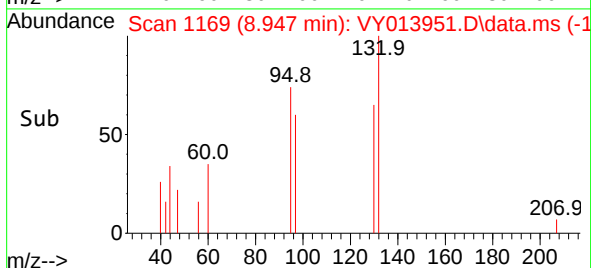
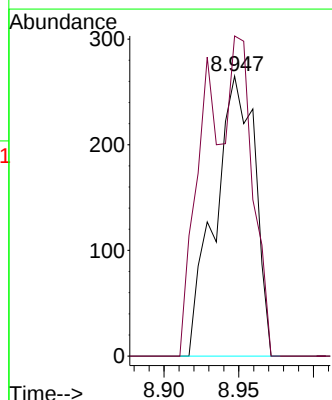
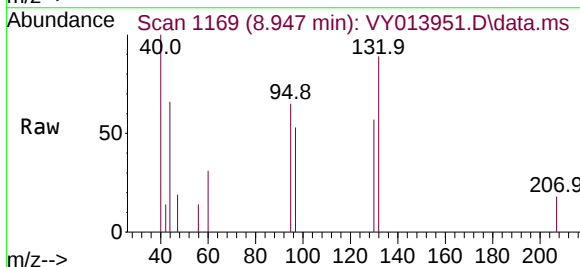
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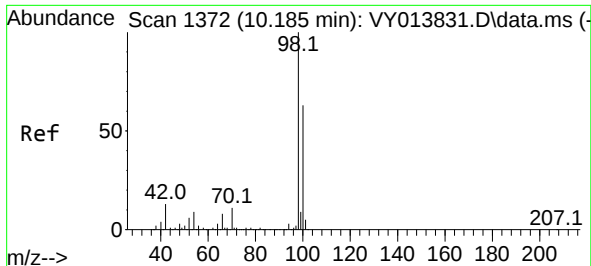
Tgt Ion:113 Resp: 9065
Ion Ratio Lower Upper
113 100
111 104.9 80.4 120.6
192 22.1 16.6 25.0



#44
Trichloroethene
Concen: 2.454 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion:130 Resp: 493
Ion Ratio Lower Upper
130 100
95 114.3 0.0 192.8

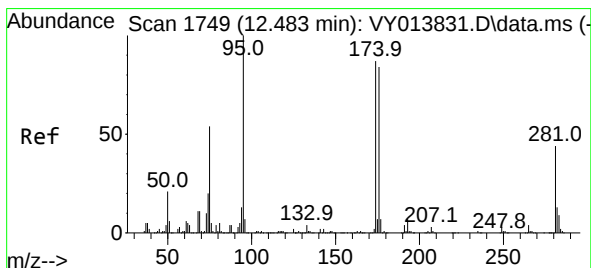
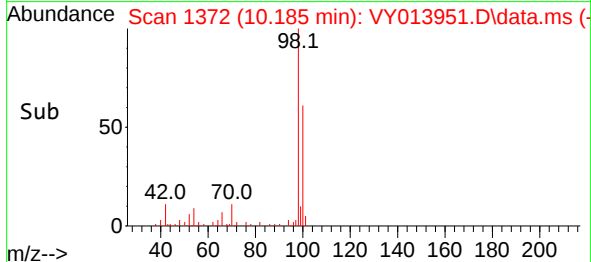
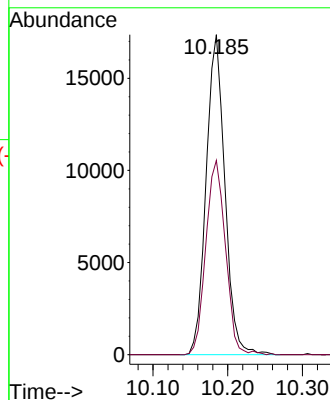
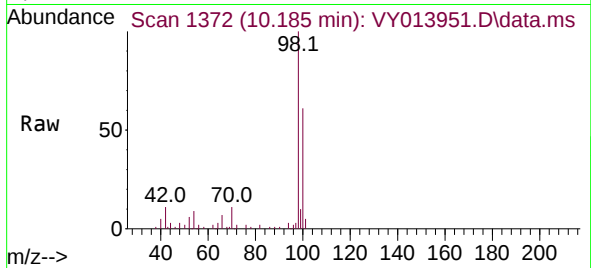




#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

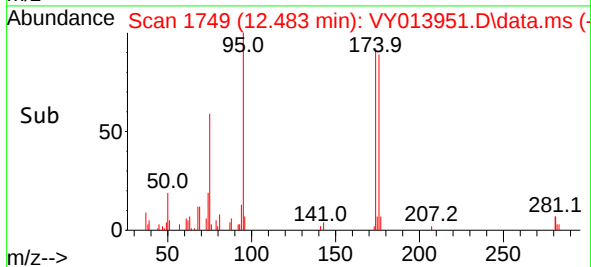
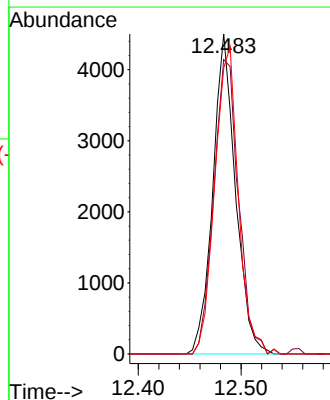
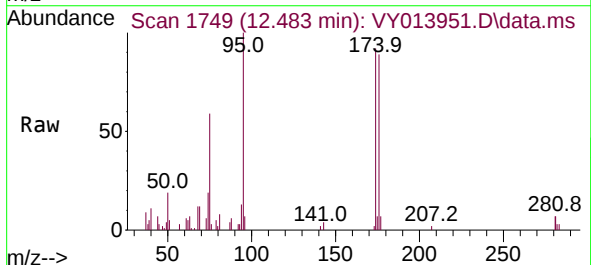
Instrument :
MSVOA_Y
ClientSampleId :
CB-32-G3-SO-50.5-051823RE

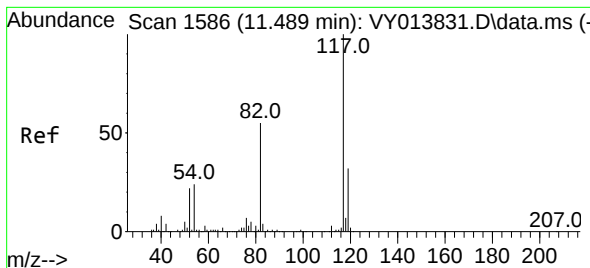
Tgt Ion: 98 Resp: 30183
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 31.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013951.D
Acq: 31 May 2023 21:17

Tgt Ion: 95 Resp: 6892
Ion Ratio Lower Upper
95 100
174 100.7 0.0 176.0
176 99.5 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013951.D

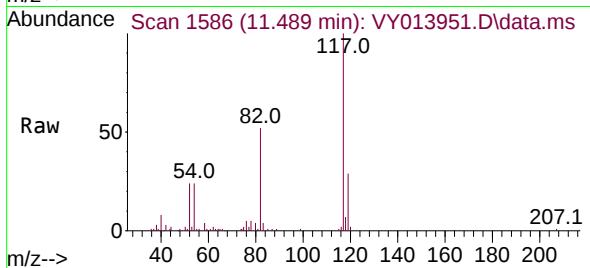
Acq: 31 May 2023 21:17

Instrument :

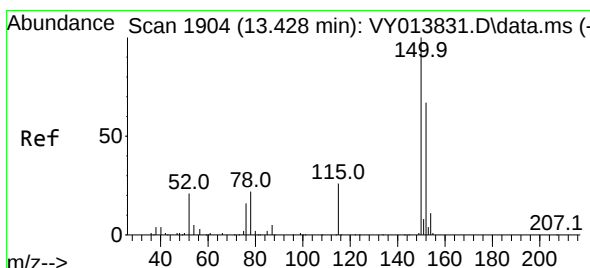
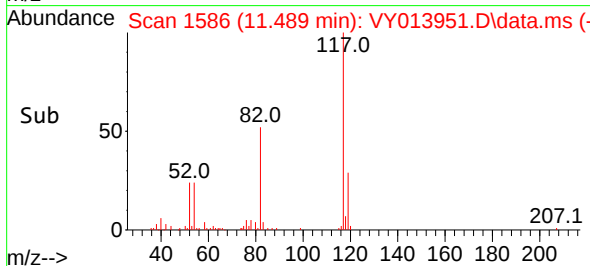
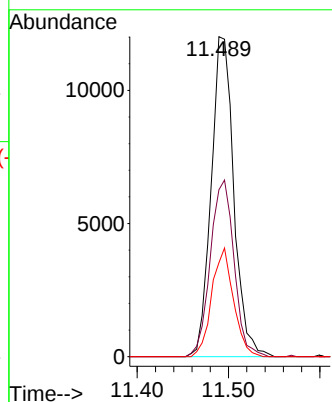
MSVOA_Y

ClientSampleId :

CB-32-G3-SO-50.5-051823RE



Tgt Ion:	117	Resp:	20665
Ion Ratio	Lower	Upper	
117	100		
82	52.1	44.2	66.4
119	29.4	25.7	38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013951.D

Acq: 31 May 2023 21:17

Tgt Ion:	152	Resp:	7216
Ion Ratio	Lower	Upper	
152	100		
115	51.7	28.8	86.5
150	153.5	0.0	353.4

