

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016715.D
 Acq On : 19 Dec 2023 23:57
 Operator : SY/MD
 Sample : 05827-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-08-12.5-13.5

Quant Time: Dec 20 06:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

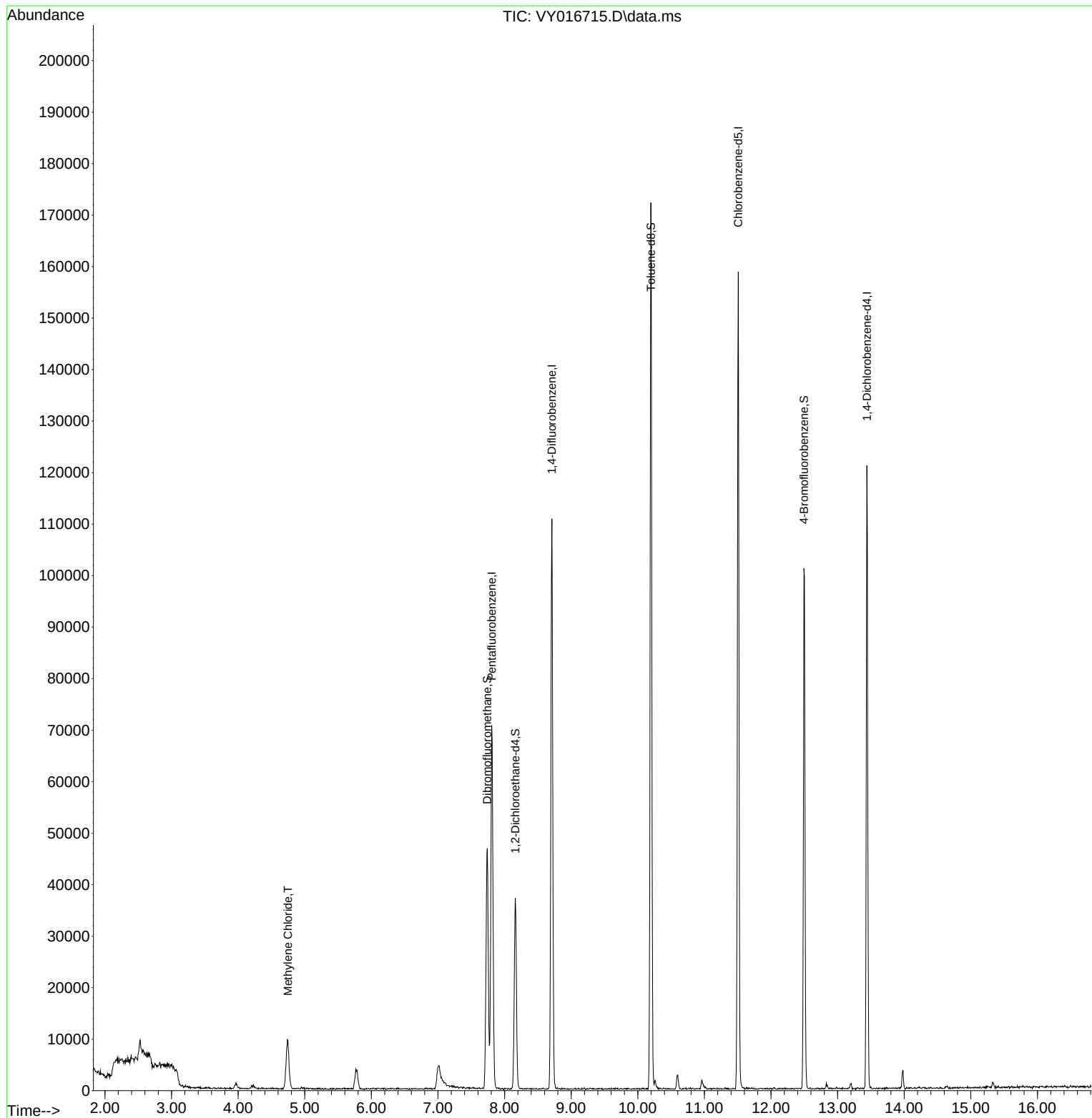
Internal Standards						
1) Pentafluorobenzene	7.807	168	57117	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	95258	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	84312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	32145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	29573	62.597	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.200%
35) Dibromofluoromethane	7.740	113	32683	58.255	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.500%
50) Toluene-d8	10.197	98	113847	56.032	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.060%
62) 4-Bromofluorobenzene	12.495	95	26721	46.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.500%
Target Compounds						
20) Methylene Chloride	4.747	84	7228	9.903	ug/l	97

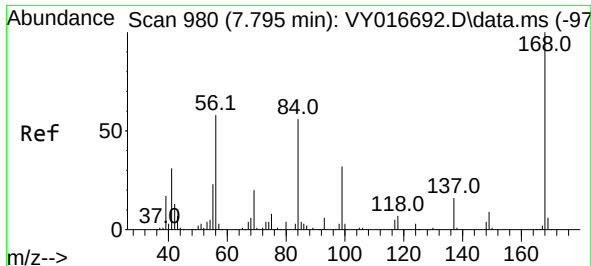
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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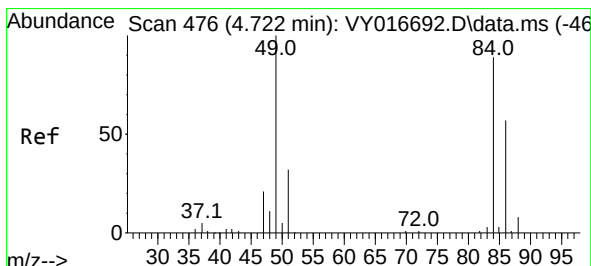
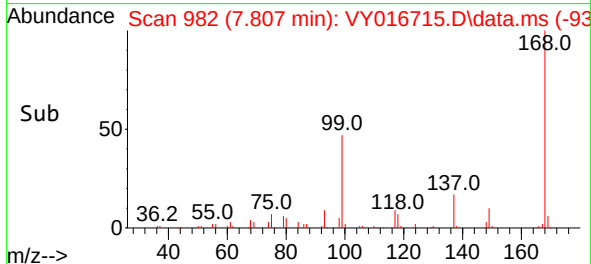
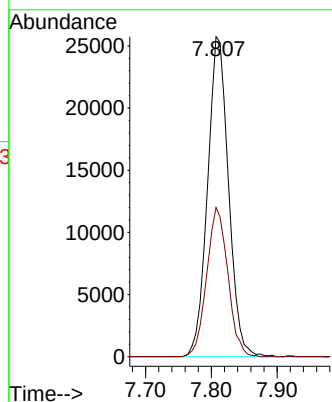
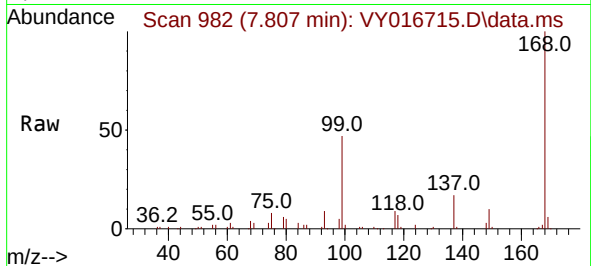




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY016715.D
Acq: 19 Dec 2023 23:57

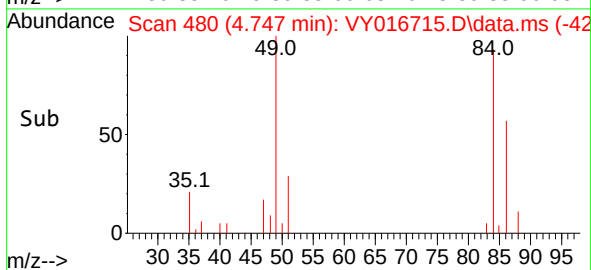
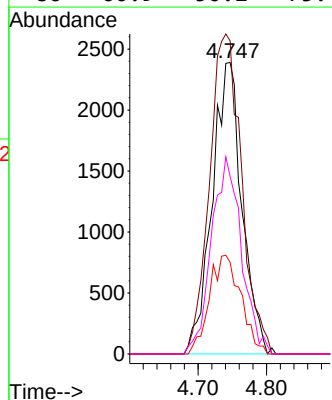
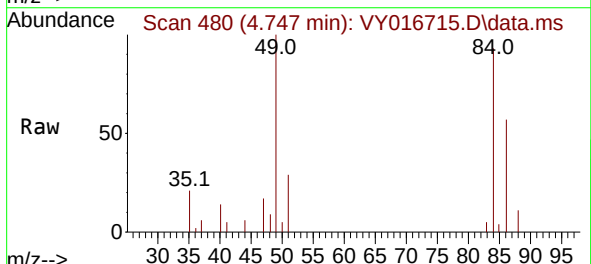
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-08-12.5-13.5

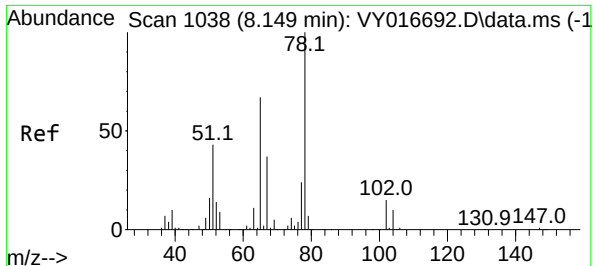
Tgt Ion:168 Resp: 57117
Ion Ratio Lower Upper
168 100
99 46.6 40.2 60.4



#20
Methylene Chloride
Concen: 9.903 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.025 min
Lab File: VY016715.D
Acq: 19 Dec 2023 23:57

Tgt Ion: 84 Resp: 7228
Ion Ratio Lower Upper
84 100
49 107.4 83.8 125.8
51 31.5 27.2 40.8
86 60.9 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 62.597 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016715.D

Acq: 19 Dec 2023 23:57

Instrument :

MSVOA_Y

ClientSampleId :

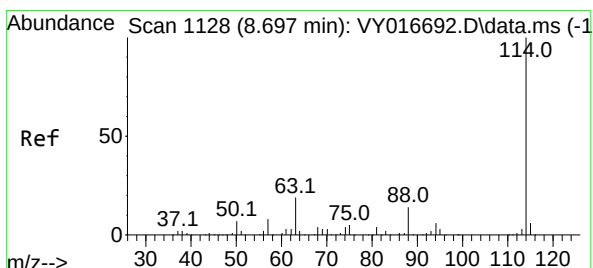
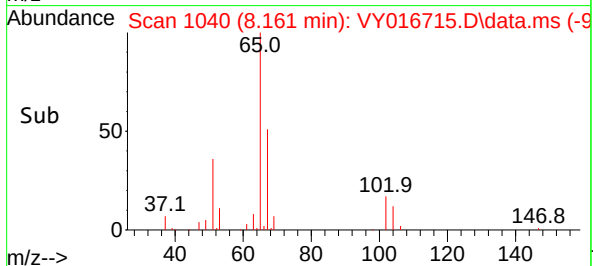
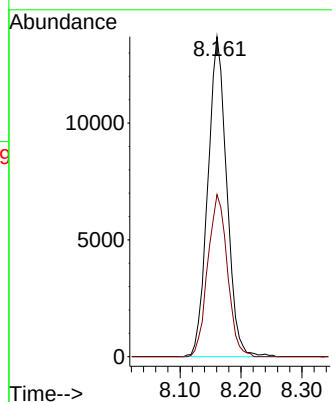
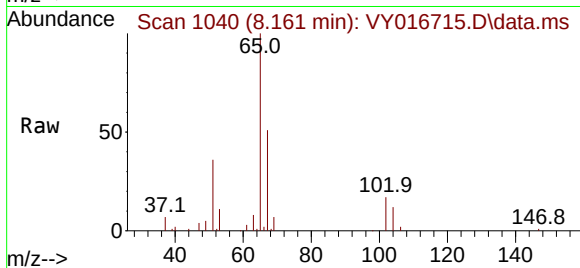
RT-SB-08-12.5-13.5

Tgt Ion: 65 Resp: 29573

Ion Ratio Lower Upper

65 100

67 52.6 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016715.D

Acq: 19 Dec 2023 23:57

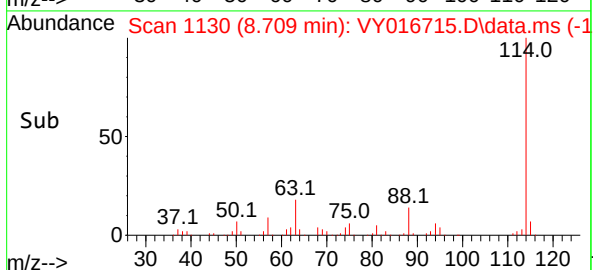
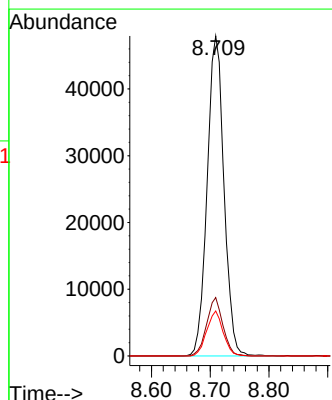
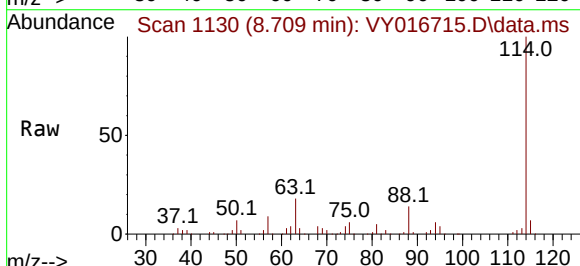
Tgt Ion: 114 Resp: 95258

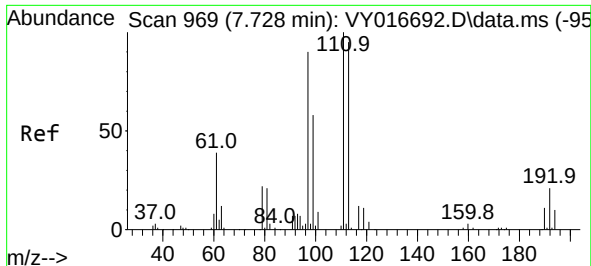
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.0

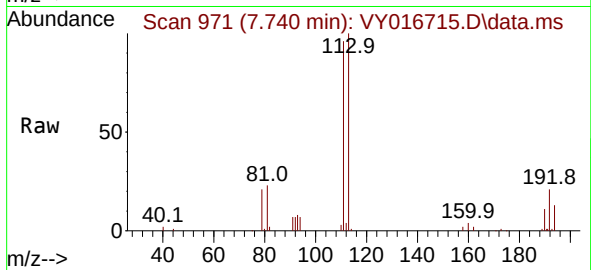
88 14.1 0.0 29.2



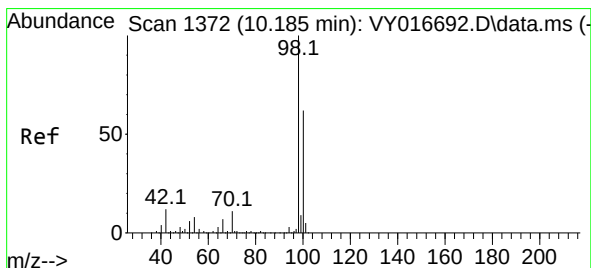
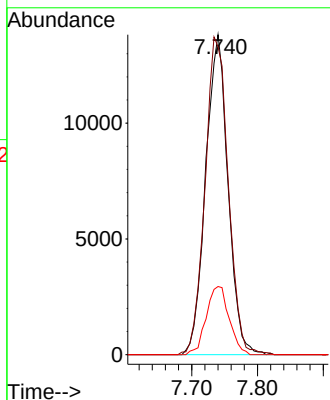
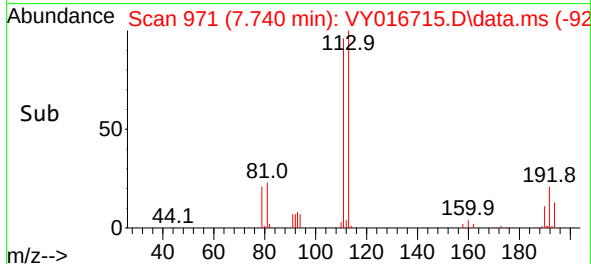


#35
 Dibromofluoromethane
 Concen: 58.255 ug/l
 RT: 7.740 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY016715.D
 Acq: 19 Dec 2023 23:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-08-12.5-13.5

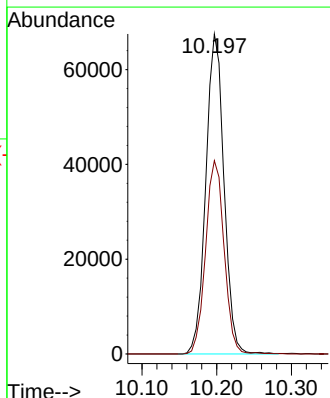
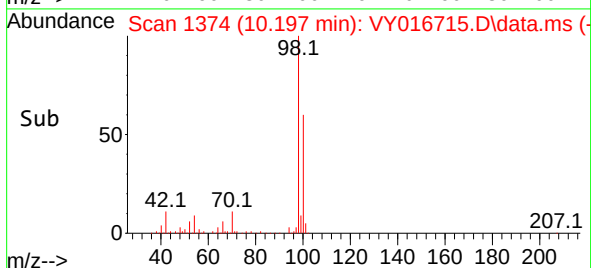
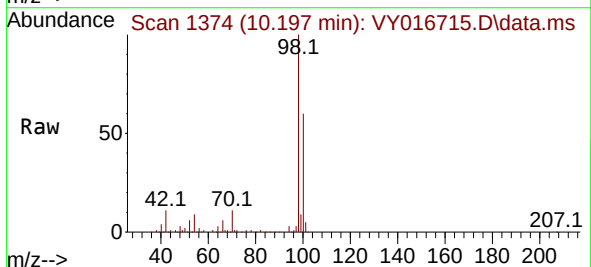


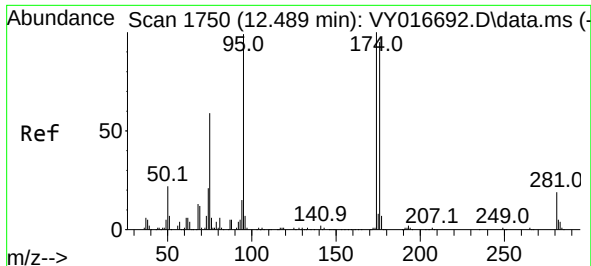
Tgt Ion:	113	Resp:	32683
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	21.8	16.2	24.4



#50
 Toluene-d8
 Concen: 56.032 ug/l
 RT: 10.197 min Scan# 1374
 Delta R.T. 0.012 min
 Lab File: VY016715.D
 Acq: 19 Dec 2023 23:57

Tgt Ion:	98	Resp:	113847
Ion	Ratio	Lower	Upper
98	100		
100	61.6	52.5	78.7

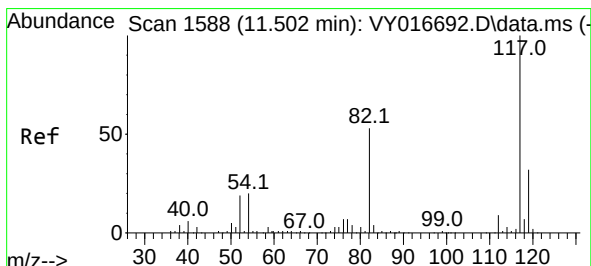
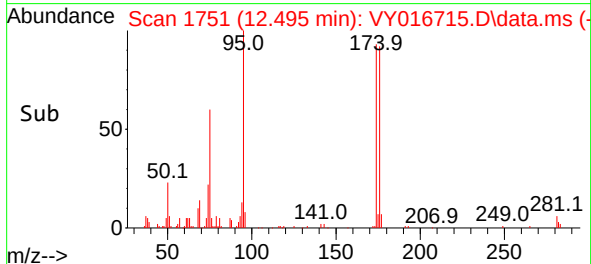
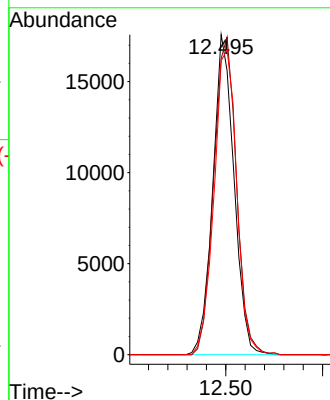
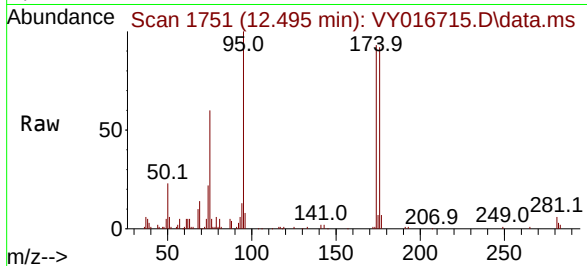




#62
4-Bromofluorobenzene
Concen: 46.253 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016715.D
Acq: 19 Dec 2023 23:57

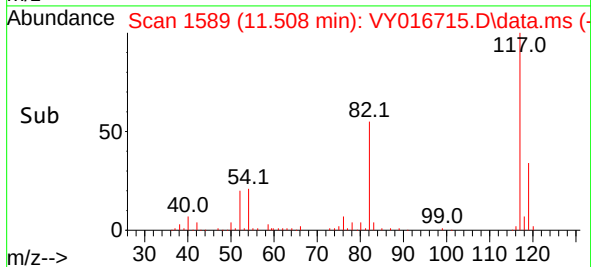
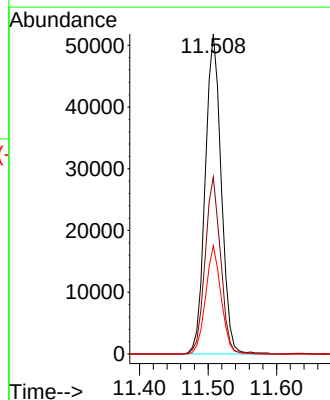
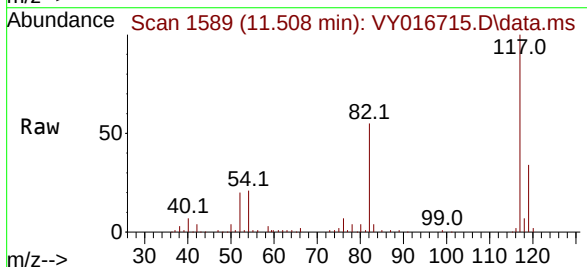
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-08-12.5-13.5

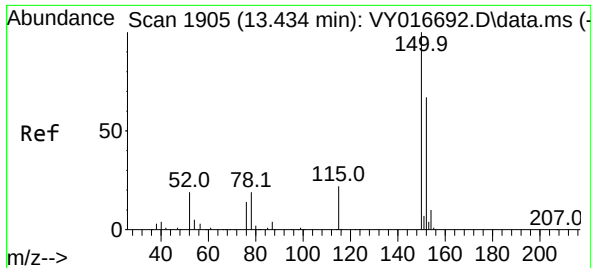
Tgt Ion:	95	Resp:	26721
Ion	Ratio	Lower	Upper
95	100		
174	106.0	0.0	181.0
176	102.2	0.0	176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016715.D
Acq: 19 Dec 2023 23:57

Tgt Ion:	117	Resp:	84312
Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.0	61.6
119	33.9	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016715.D

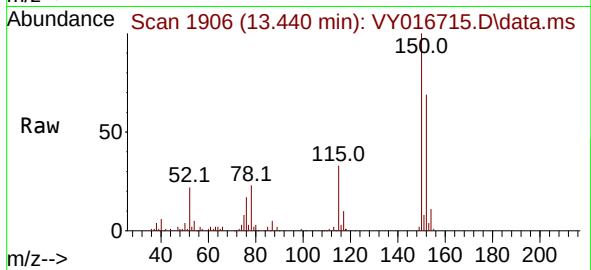
Acq: 19 Dec 2023 23:57

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-08-12.5-13.5



Tgt Ion:152 Resp: 32145

Ion Ratio Lower Upper

152 100

115 49.7 28.2 84.7

150 150.6 0.0 350.6

