

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016713.D
 Acq On : 19 Dec 2023 23:10
 Operator : SY/MD
 Sample : 05827-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-07-23.5-24.5

Quant Time: Dec 20 06:41:59 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)

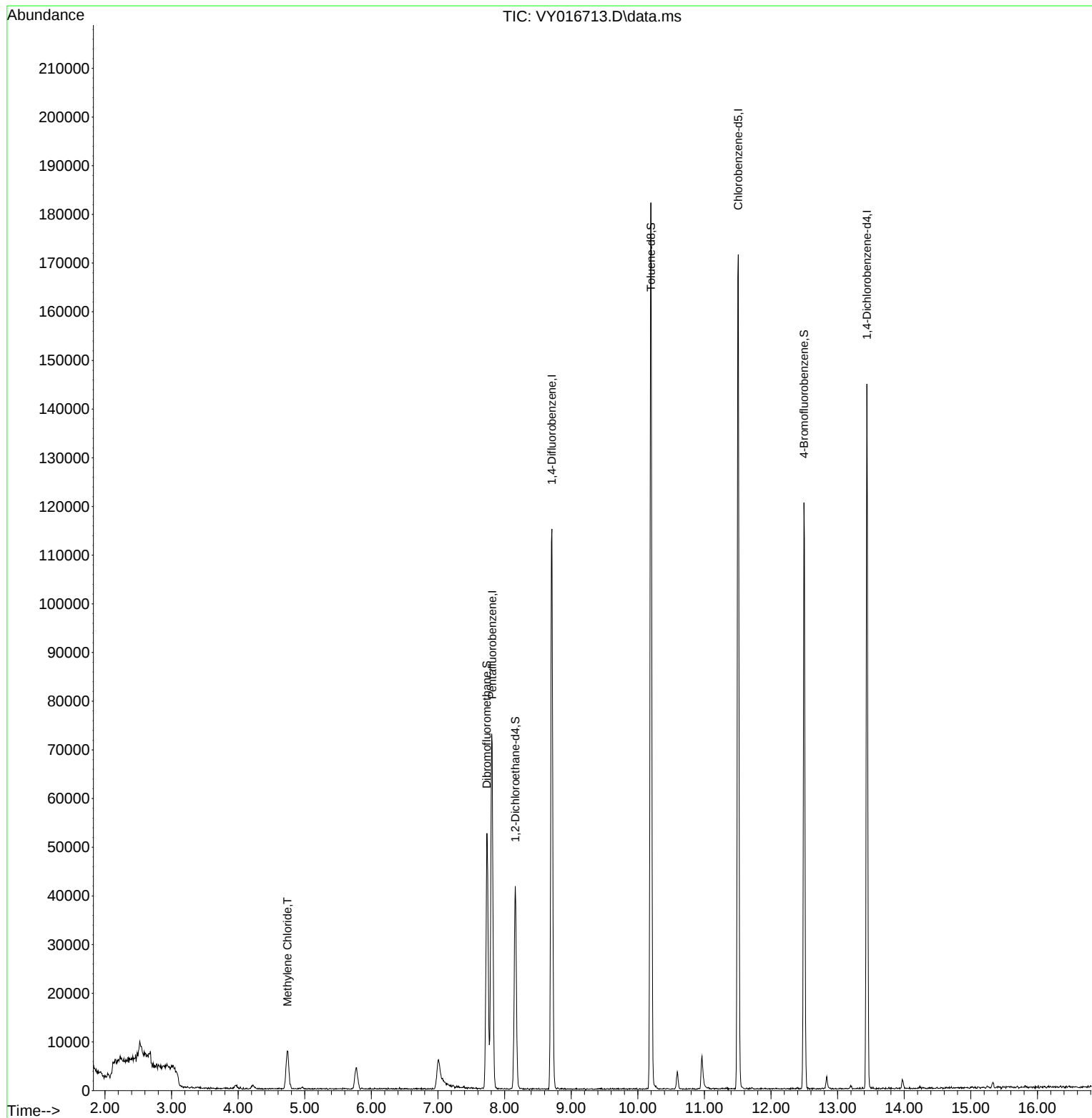
Internal Standards						
1) Pentafluorobenzene	7.813	168	60349	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.710	114	101660	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	94798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	37998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	33686	67.484	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.960%	
35) Dibromofluoromethane	7.734	113	35544	59.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.720%	
50) Toluene-d8	10.197	98	120569	55.603	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.200%	
62) 4-Bromofluorobenzene	12.495	95	31668	51.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.720%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.741	84	5935	6.418	ug/l	93

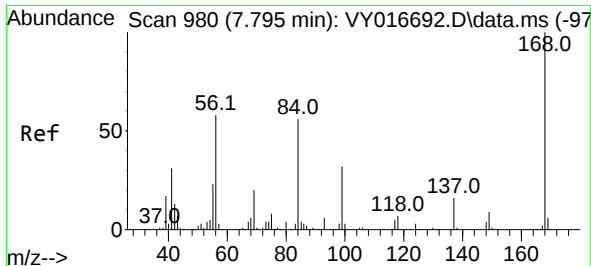
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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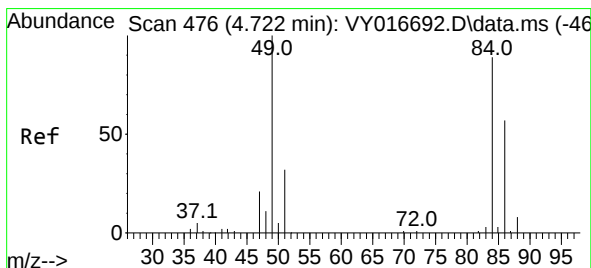
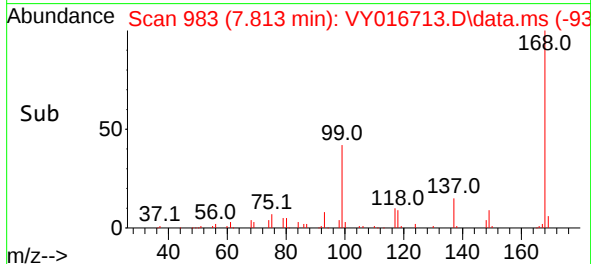
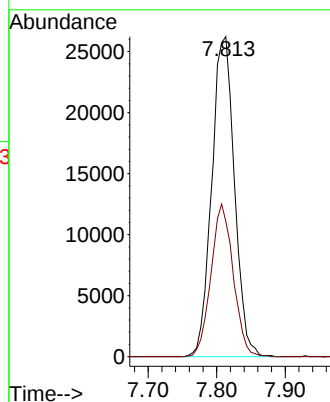
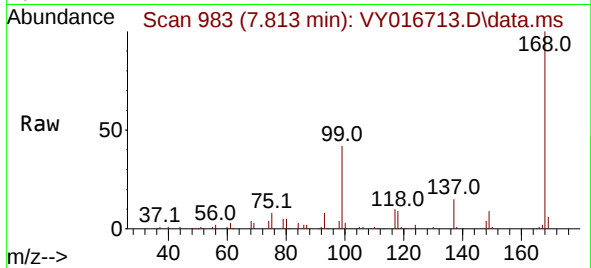




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016713.D
Acq: 19 Dec 2023 23:10

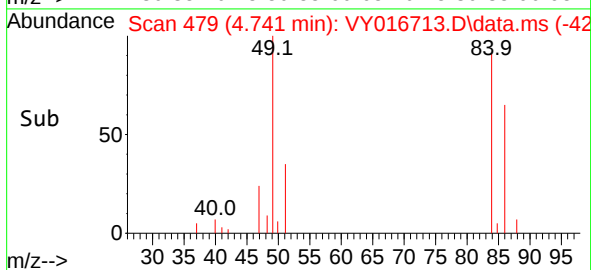
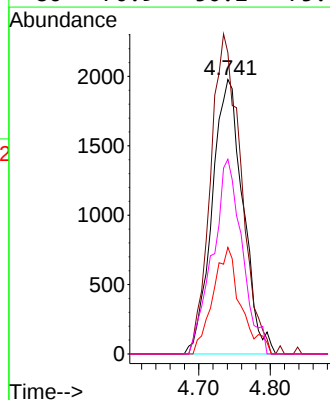
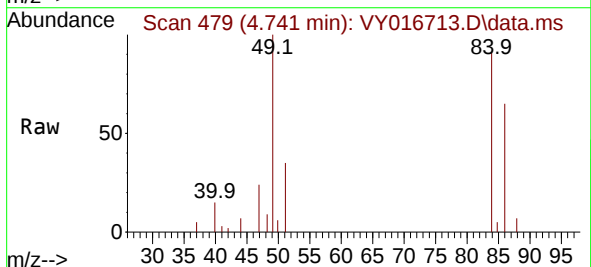
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-07-23.5-24.5

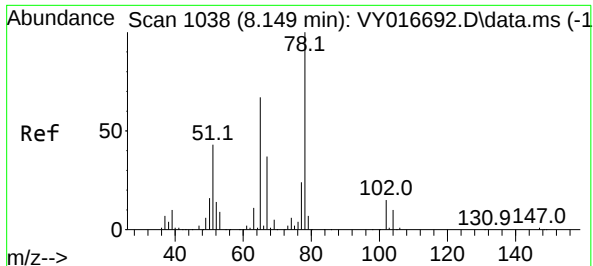
Tgt Ion:168 Resp: 60349
Ion Ratio Lower Upper
168 100
99 42.3 40.2 60.4



#20
Methylene Chloride
Concen: 6.418 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.019 min
Lab File: VY016713.D
Acq: 19 Dec 2023 23:10

Tgt Ion: 84 Resp: 5935
Ion Ratio Lower Upper
84 100
49 109.8 83.8 125.8
51 38.8 27.2 40.8
86 70.9 50.2 75.4





#33

1,2-Dichloroethane-d4

Concen: 67.484 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016713.D

Acq: 19 Dec 2023 23:10

Instrument :

MSVOA_Y

ClientSampleId :

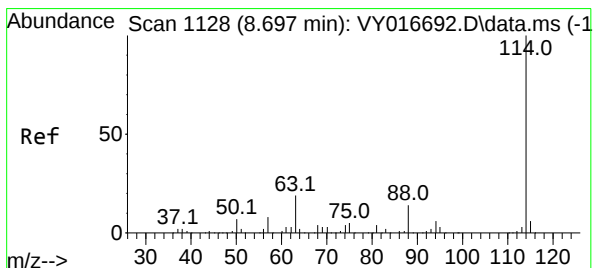
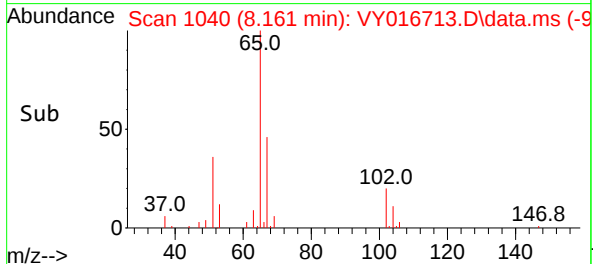
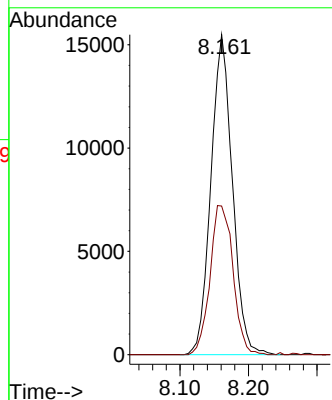
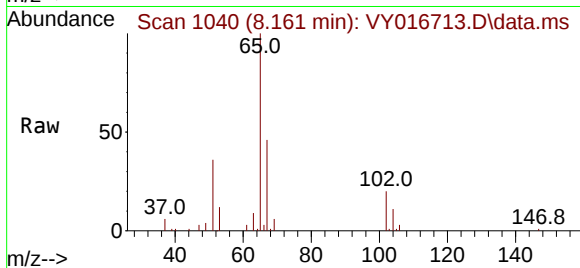
RT-SB-07-23.5-24.5

Tgt Ion: 65 Resp: 33686

Ion Ratio Lower Upper

65 100

67 50.0 0.0 108.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1130

Delta R.T. 0.012 min

Lab File: VY016713.D

Acq: 19 Dec 2023 23:10

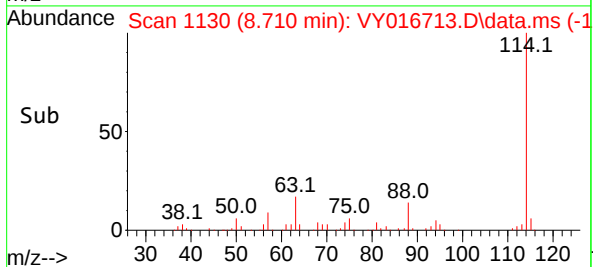
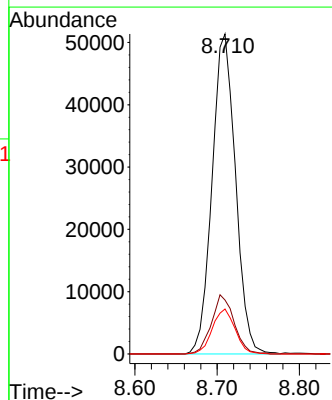
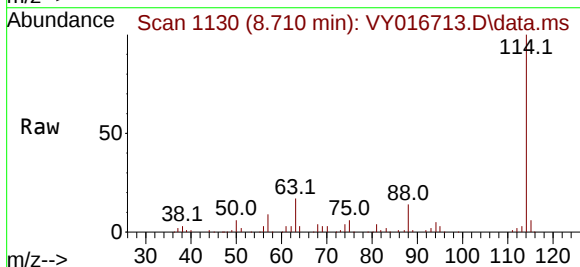
Tgt Ion: 114 Resp: 101660

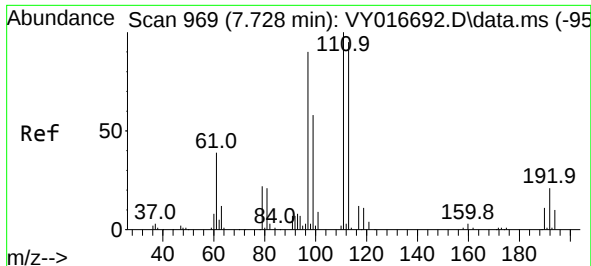
Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.0

88 14.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 59.365 ug/l

RT: 7.734 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY016713.D

Acq: 19 Dec 2023 23:10

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-07-23.5-24.5

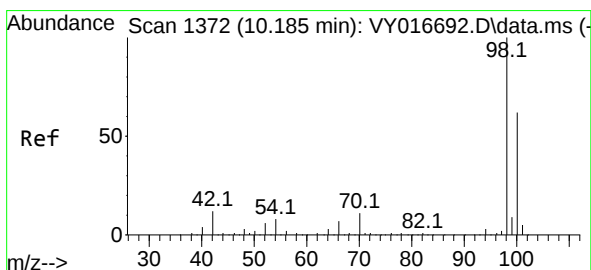
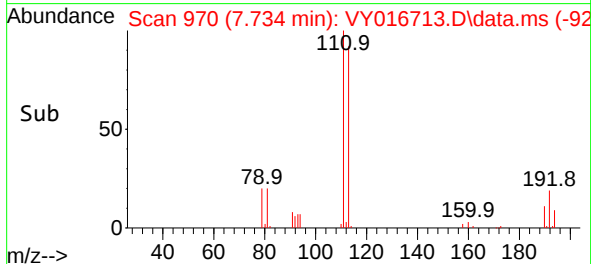
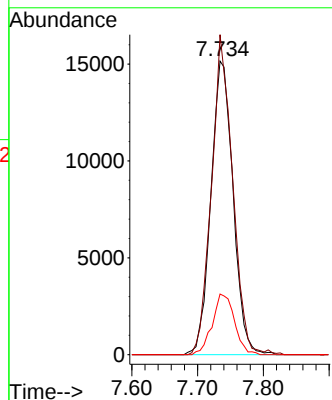
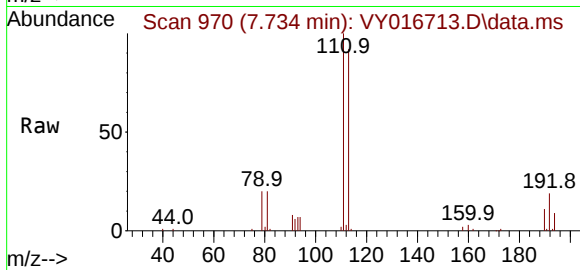
Tgt Ion:113 Resp: 35544

Ion Ratio Lower Upper

113 100

111 103.7 81.9 122.9

192 20.7 16.2 24.4



#50

Toluene-d8

Concen: 55.603 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.012 min

Lab File: VY016713.D

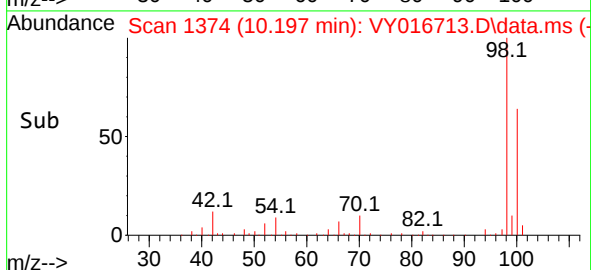
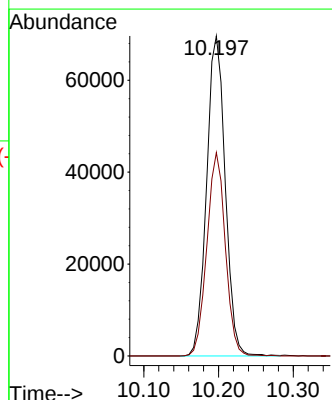
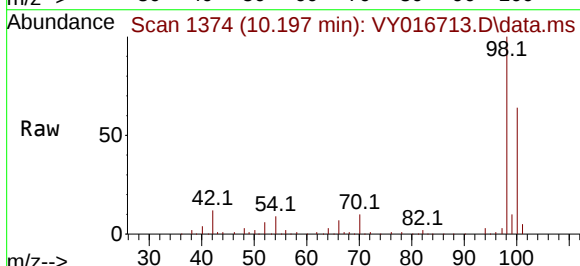
Acq: 19 Dec 2023 23:10

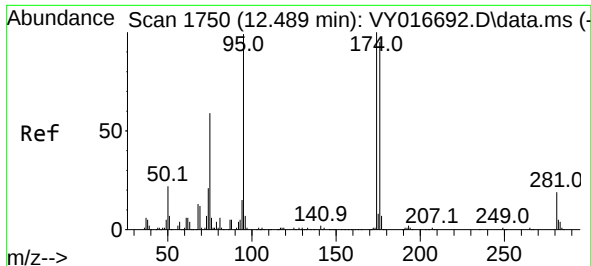
Tgt Ion: 98 Resp: 120569

Ion Ratio Lower Upper

98 100

100 63.0 52.5 78.7

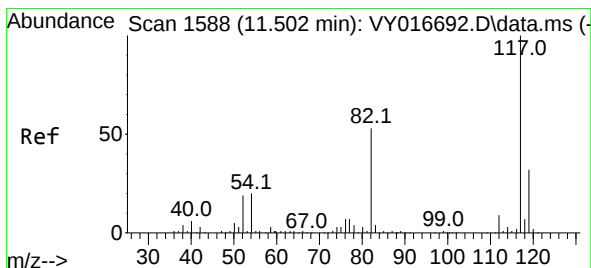
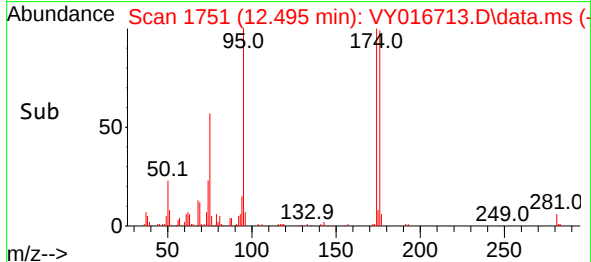
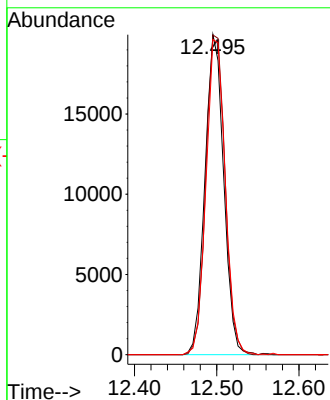
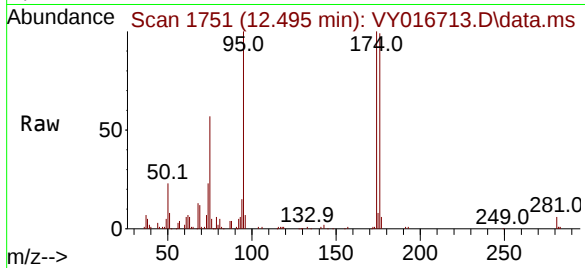




#62
4-Bromofluorobenzene
Concen: 51.364 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016713.D
Acq: 19 Dec 2023 23:10

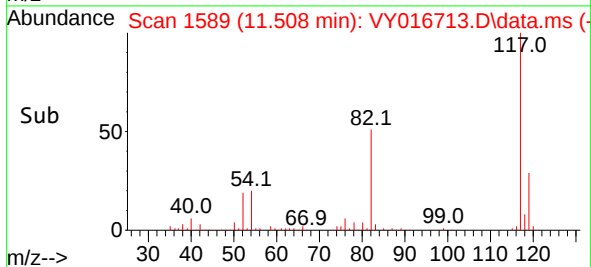
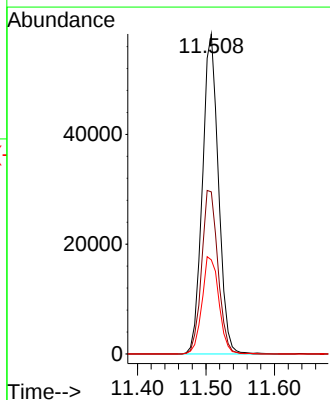
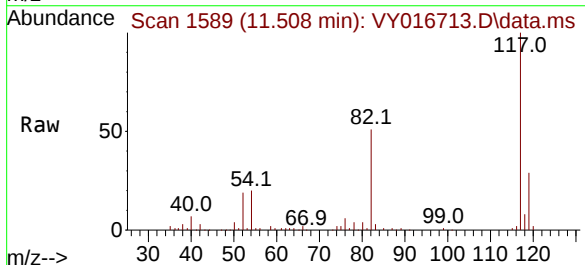
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-07-23.5-24.5

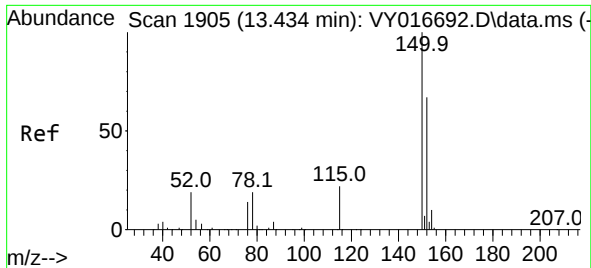
Tgt Ion:	95	Resp:	31668
Ion	Ratio	Lower	Upper
95	100		
174	102.0	0.0	181.0
176	100.6	0.0	176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016713.D
Acq: 19 Dec 2023 23:10

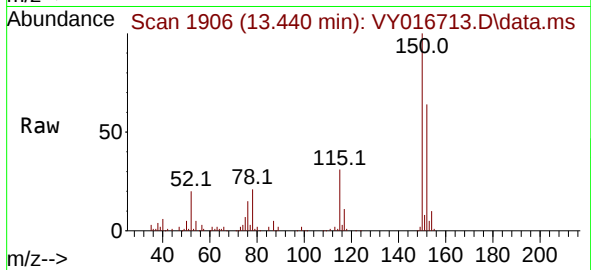
Tgt Ion:	117	Resp:	94798
Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.0	61.6
119	29.4	25.8	38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.440 min Scan# 1906
 Delta R.T. 0.006 min
 Lab File: VY016713.D
 Acq: 19 Dec 2023 23:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-07-23.5-24.5



Tgt Ion:152 Resp: 37998
 Ion Ratio Lower Upper
 152 100
 115 52.1 28.2 84.7
 150 157.0 0.0 350.6

