

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121322\
 Data File : VY011788.D
 Acq On : 13 Dec 2022 13:09
 Operator : KP/MD
 Sample : N5964-03
 Misc : 2.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-02

Quant Time: Dec 13 22:17:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

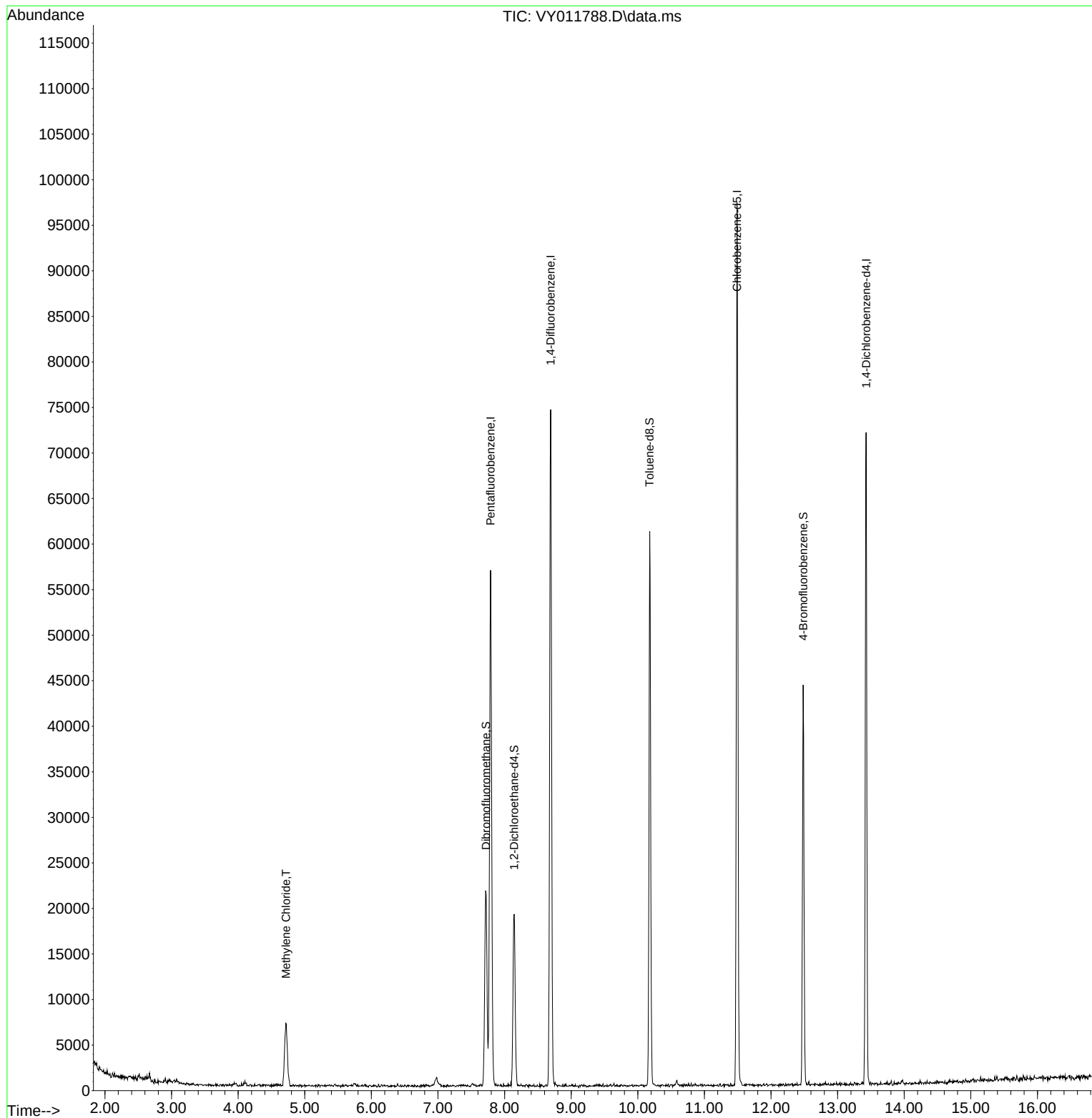
Internal Standards						
1) Pentafluorobenzene	7.789	168	43526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	64462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	54146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	19572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	15904	53.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.840%	
35) Dibromofluoromethane	7.722	113	15695	55.206	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.420%	
50) Toluene-d8	10.179	98	40212	41.726	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.460%	
62) 4-Bromofluorobenzene	12.483	95	13116	33.596	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 67.200%	
Target Compounds						
20) Methylene Chloride	4.716	84	5313	7.573	ug/l	Qvalue 96

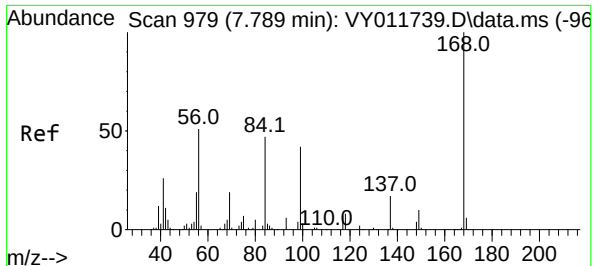
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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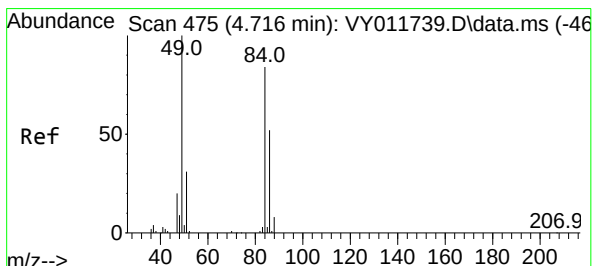
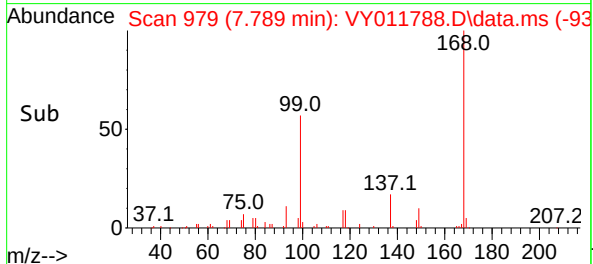
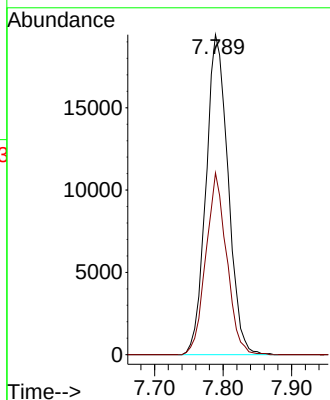
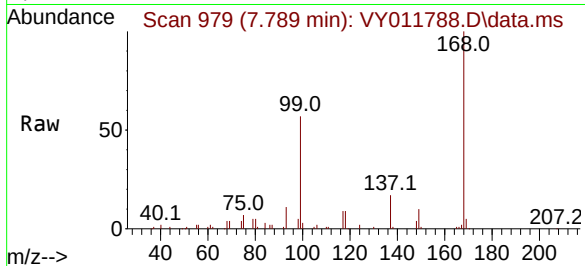




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

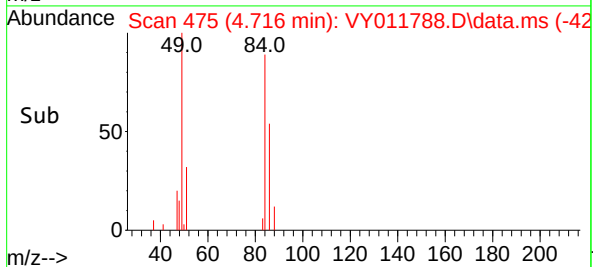
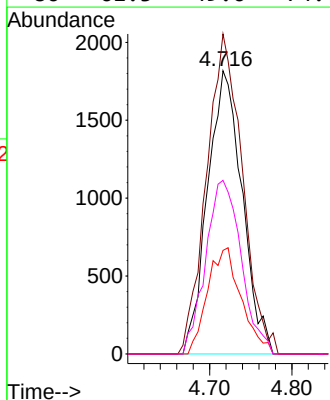
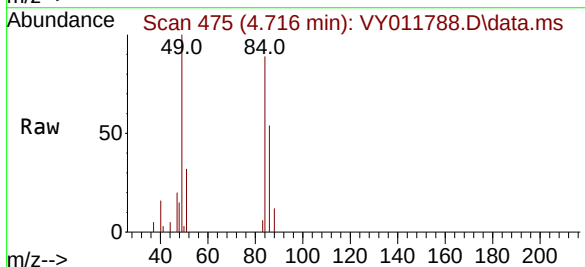
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

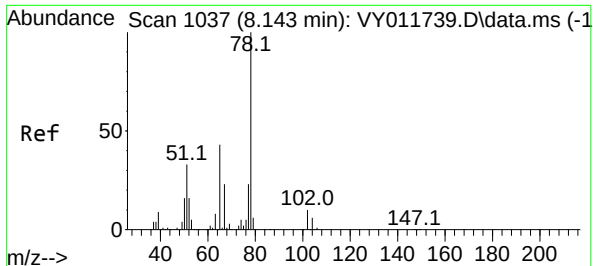
Tgt Ion:168 Resp: 43526
Ion Ratio Lower Upper
168 100
99 56.8 44.0 66.0



#20
Methylene Chloride
Concen: 7.573 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

Tgt Ion: 84 Resp: 5313
Ion Ratio Lower Upper
84 100
49 113.0 95.4 143.2
51 36.5 29.9 44.9
86 61.3 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 53.922 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY011788.D

Acq: 13 Dec 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :

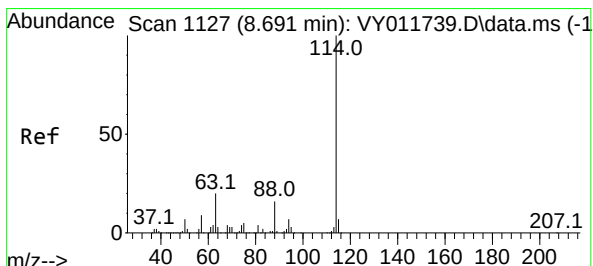
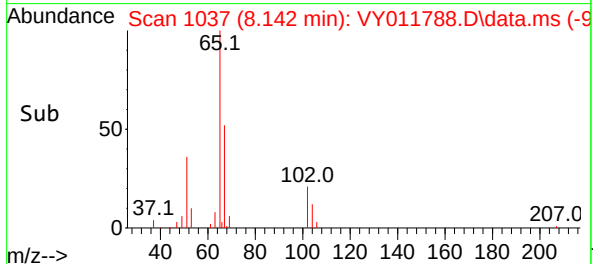
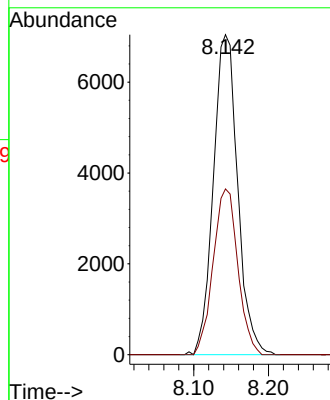
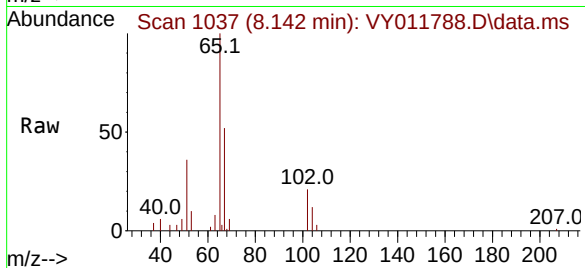
SU-518-COMP-02

Tgt Ion: 65 Resp: 15904

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011788.D

Acq: 13 Dec 2022 13:09

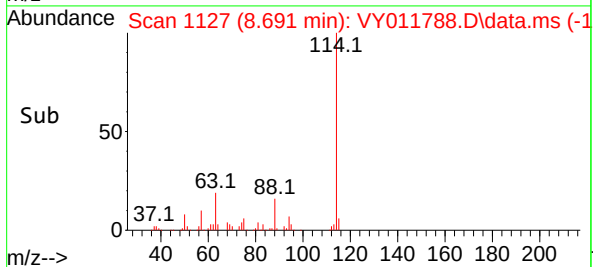
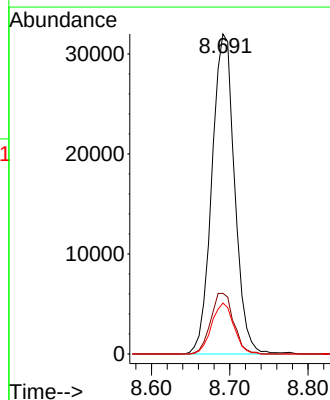
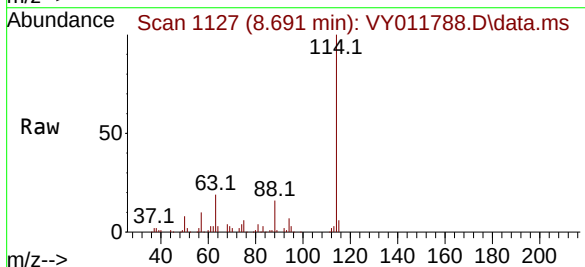
Tgt Ion: 114 Resp: 64462

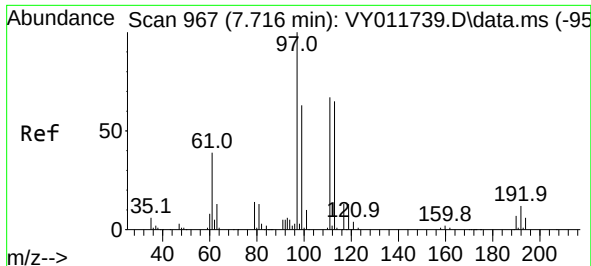
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 15.9 0.0 32.2

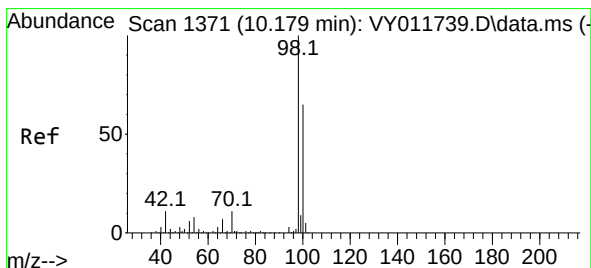
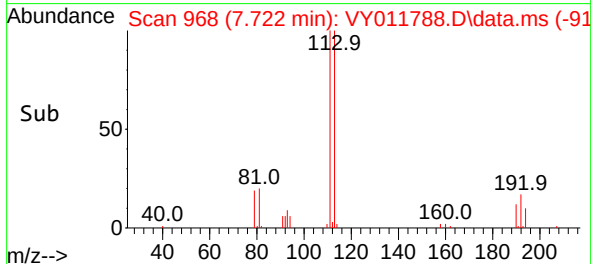
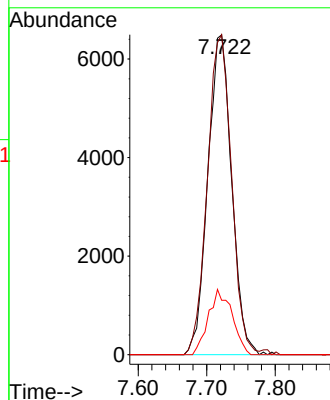
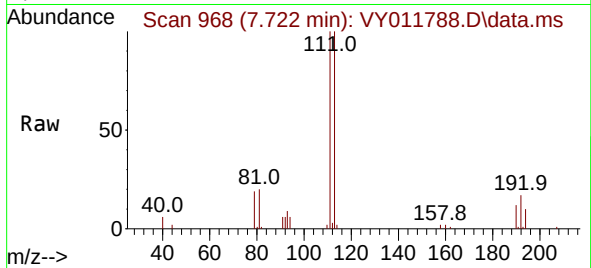




#35
 Dibromofluoromethane
 Concen: 55.206 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY011788.D
 Acq: 13 Dec 2022 13:09

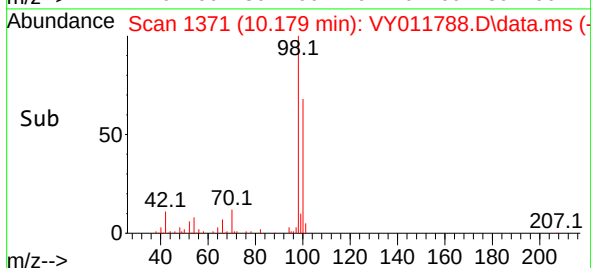
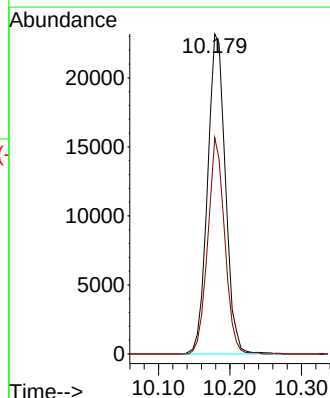
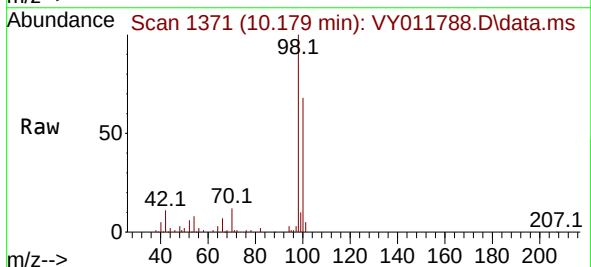
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-02

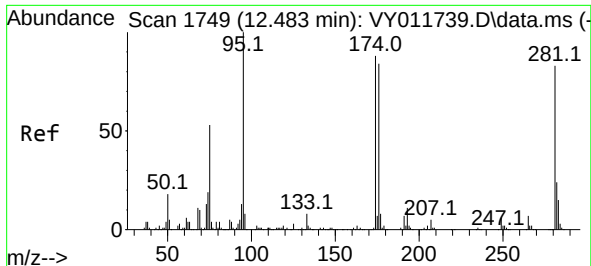
Tgt Ion:113 Resp: 15695
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.0 124.4
 192 20.3 16.0 24.0



#50
 Toluene-d8
 Concen: 41.726 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. -0.000 min
 Lab File: VY011788.D
 Acq: 13 Dec 2022 13:09

Tgt Ion: 98 Resp: 40212
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.9 77.9

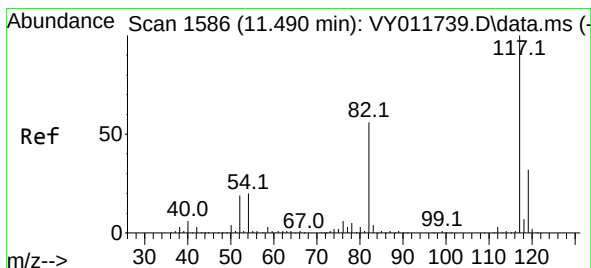
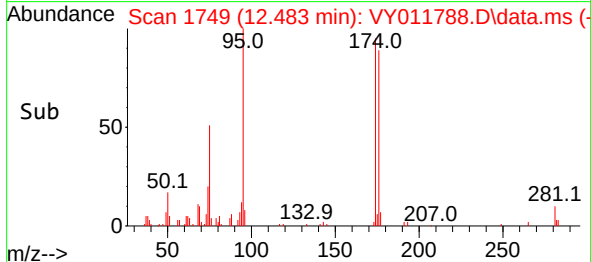
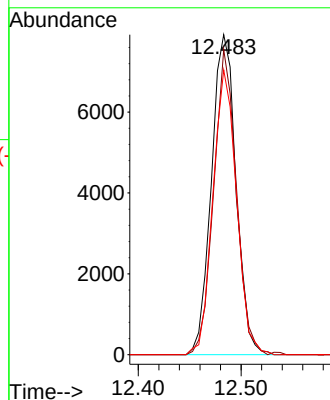
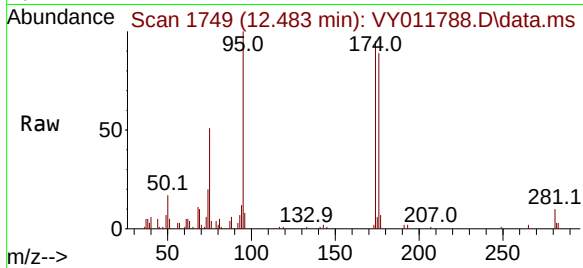




#62
4-Bromofluorobenzene
Concen: 33.596 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

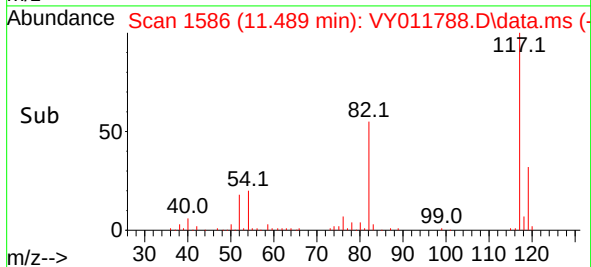
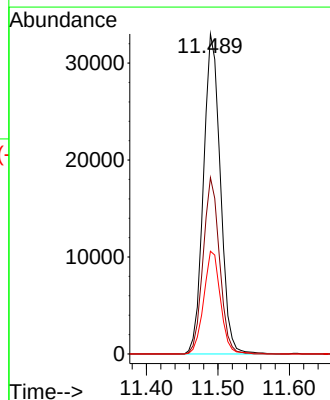
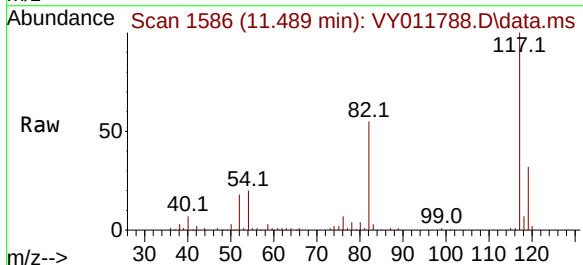
Instrument :
MSVOA_Y
ClientSampleId :
SU-518-COMP-02

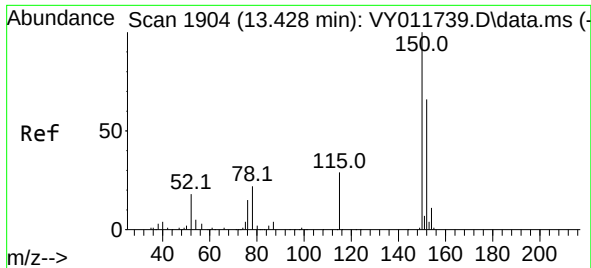
Tgt Ion: 95 Resp: 13116
Ion Ratio Lower Upper
95 100
174 88.2 0.0 172.0
176 85.6 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011788.D
Acq: 13 Dec 2022 13:09

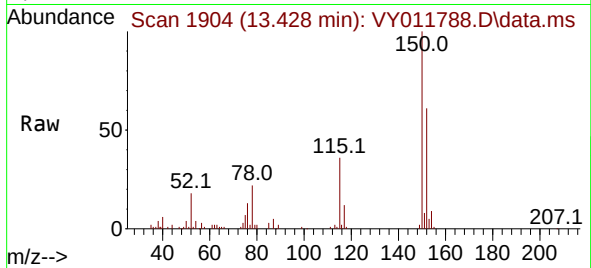
Tgt Ion: 117 Resp: 54146
Ion Ratio Lower Upper
117 100
82 55.1 44.8 67.2
119 32.1 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY011788.D
 Acq: 13 Dec 2022 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-518-COMP-02



Tgt Ion:	152	Resp:	19572
Ion Ratio	Lower	Upper	
152	100		
115	55.3	29.1	87.3
150	159.1	0.0	342.6

