

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017537.D
 Acq On : 29 Feb 2024 18:52
 Operator : SY/MD
 Sample : P1620-21
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3

Quant Time: Mar 01 00:34:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

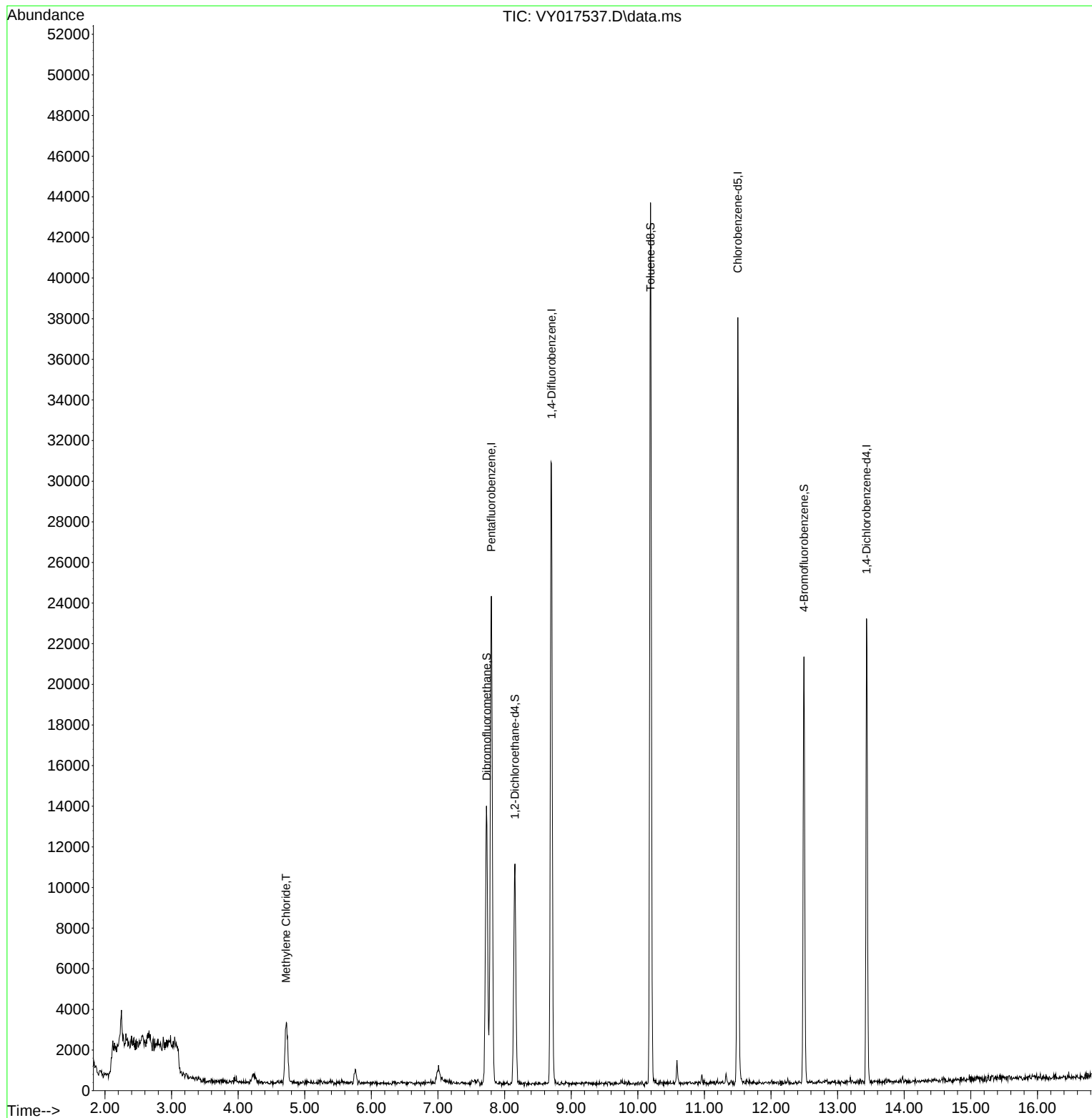
Internal Standards						
1) Pentafluorobenzene	7.801	168	19695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	27933	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	21602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	6593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8027	43.004	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.000%
35) Dibromofluoromethane	7.734	113	9948	51.108	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.220%
50) Toluene-d8	10.191	98	30730	45.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.300%
62) 4-Bromofluorobenzene	12.495	95	6464	30.223	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.440%
Target Compounds						
20) Methylene Chloride	4.716	84	2554	7.333	ug/l	93

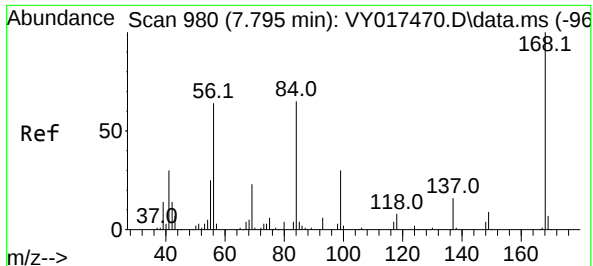
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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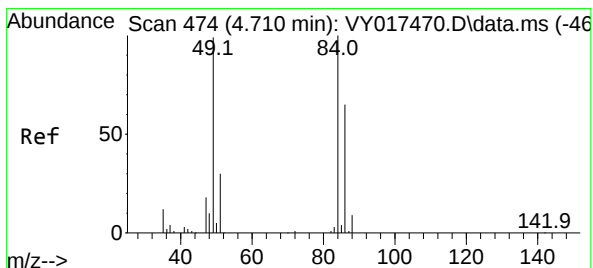
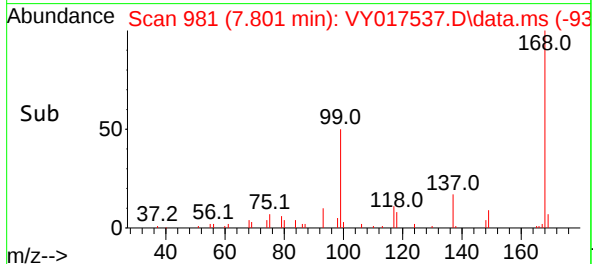
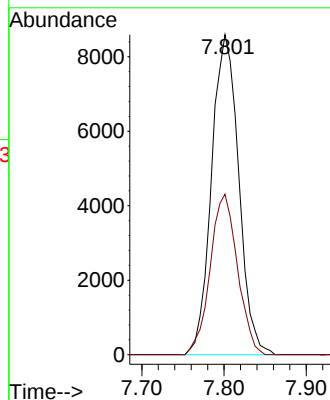
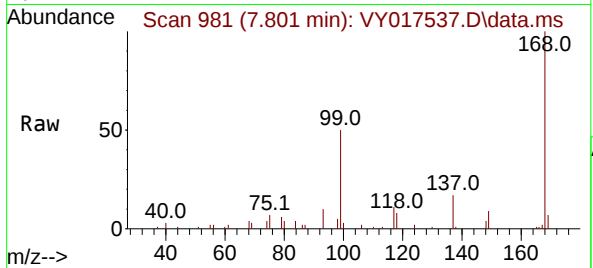




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017537.D
Acq: 29 Feb 2024 18:52

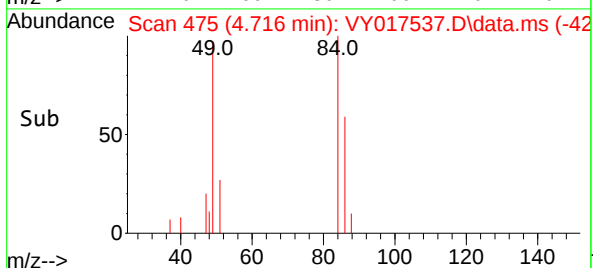
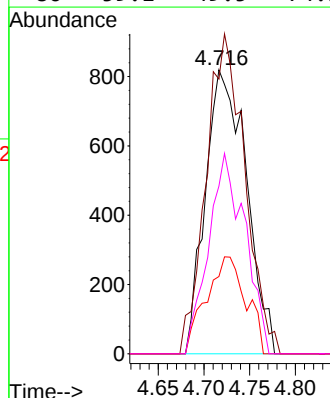
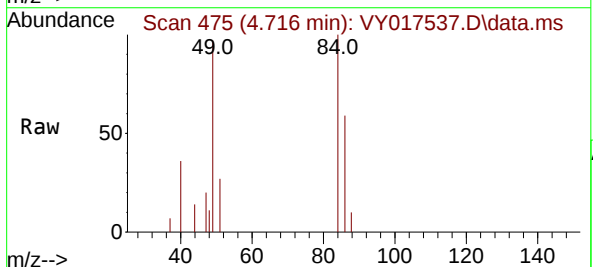
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

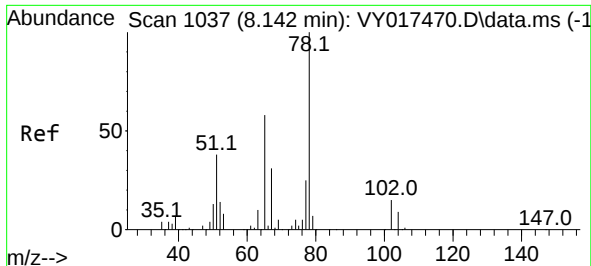
Tgt Ion:168 Resp: 19695
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#20
Methylene Chloride
Concen: 7.333 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017537.D
Acq: 29 Feb 2024 18:52

Tgt Ion: 84 Resp: 2554
Ion Ratio Lower Upper
84 100
49 96.8 84.4 126.6
51 27.2 26.0 39.0
86 59.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 43.004 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017537.D

Acq: 29 Feb 2024 18:52

Instrument :

MSVOA_Y

ClientSampleId :

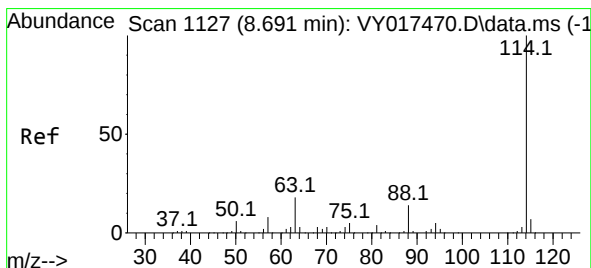
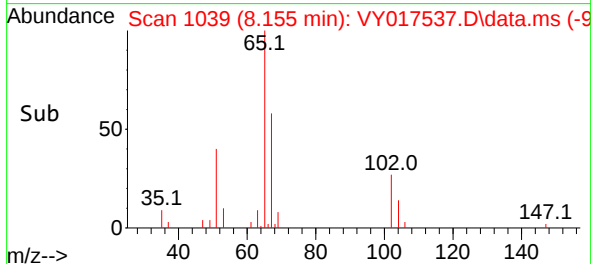
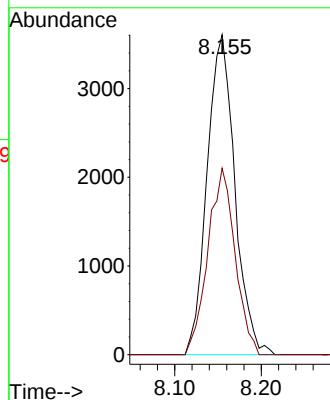
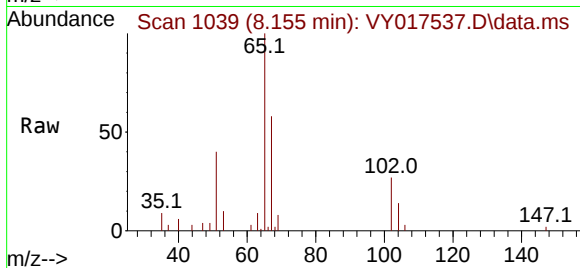
SP-3

Tgt Ion: 65 Resp: 8027

Ion Ratio Lower Upper

65 100

67 57.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.012 min

Lab File: VY017537.D

Acq: 29 Feb 2024 18:52

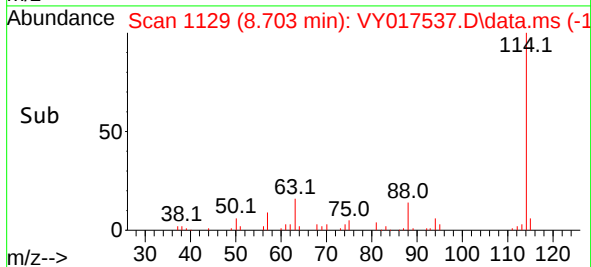
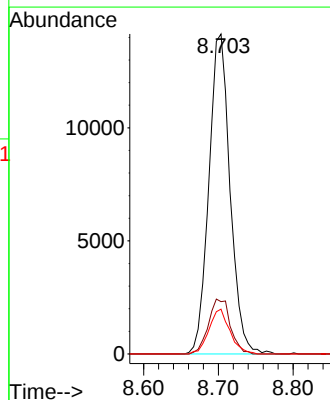
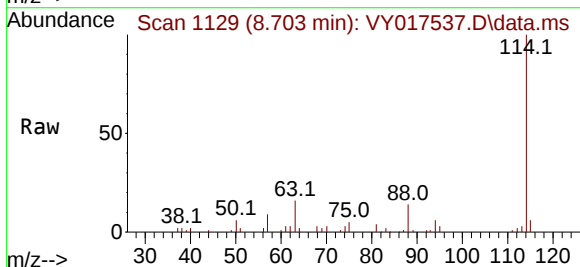
Tgt Ion: 114 Resp: 27933

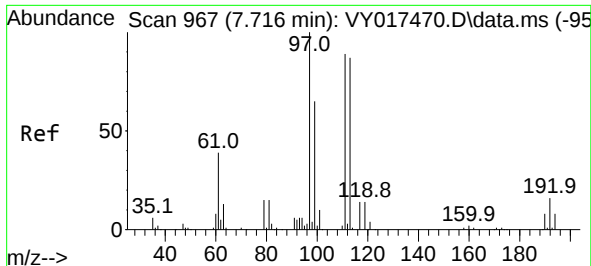
Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 14.0 0.0 27.2

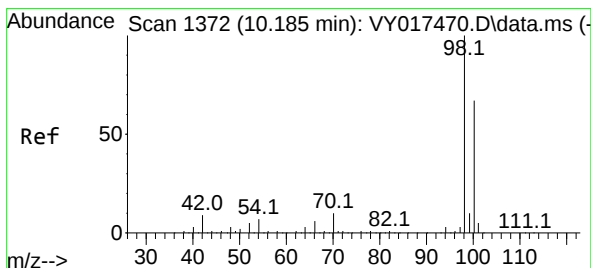
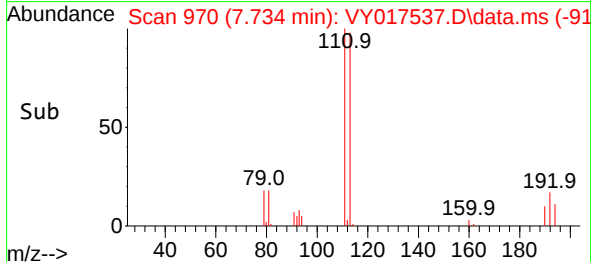
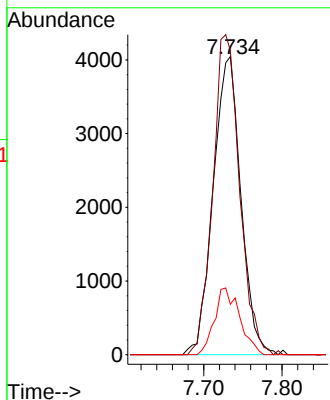
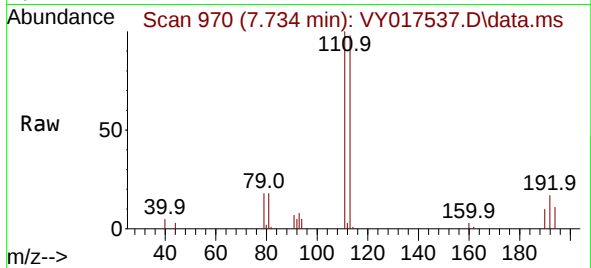




#35
Dibromofluoromethane
Concen: 51.108 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017537.D
Acq: 29 Feb 2024 18:52

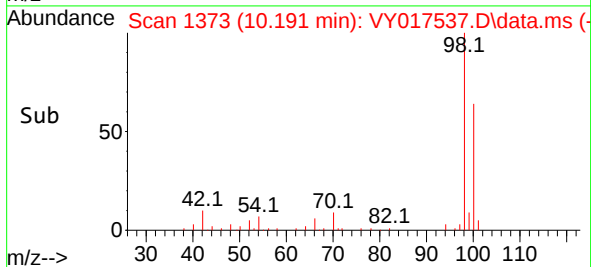
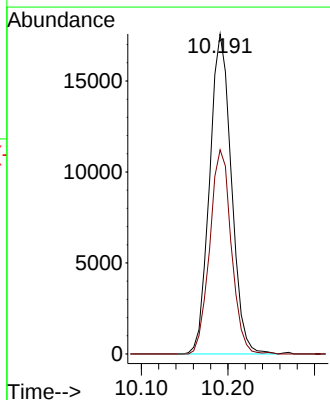
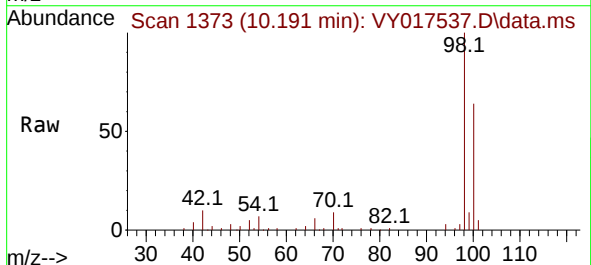
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

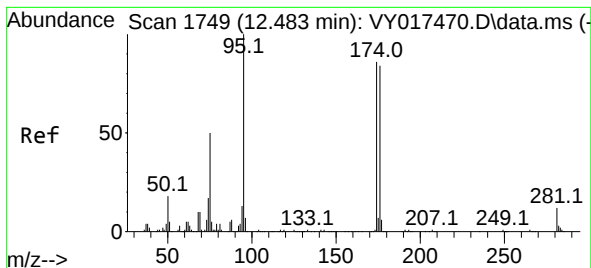
Tgt Ion:113 Resp: 9948
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 20.3 15.9 23.9



#50
Toluene-d8
Concen: 45.154 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017537.D
Acq: 29 Feb 2024 18:52

Tgt Ion: 98 Resp: 30730
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

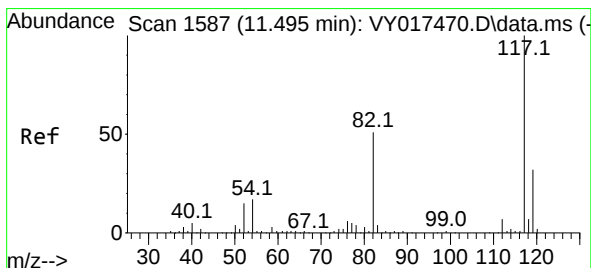
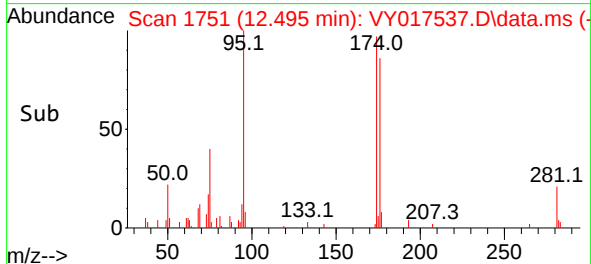
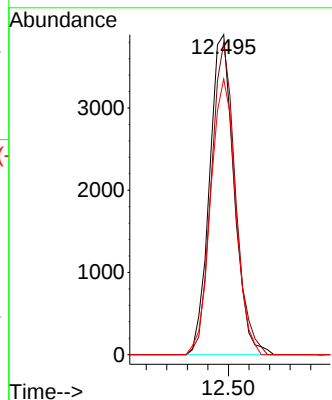
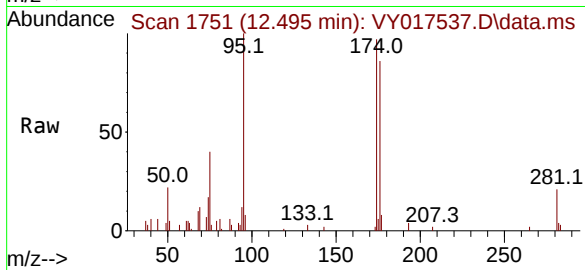




#62
4-Bromofluorobenzene
Concen: 30.223 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY017537.D
Acq: 29 Feb 2024 18:52

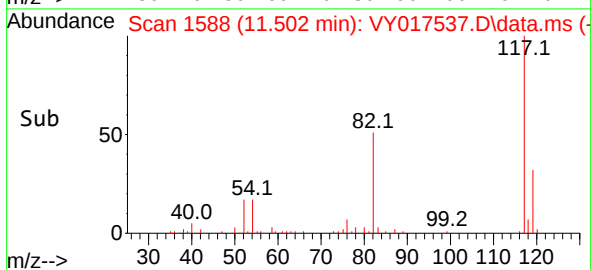
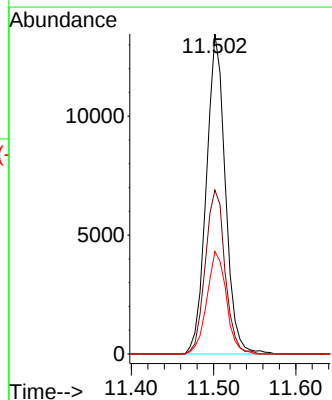
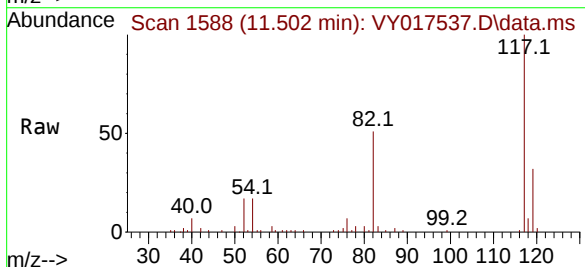
Instrument :
MSVOA_Y
ClientSampleId :
SP-3

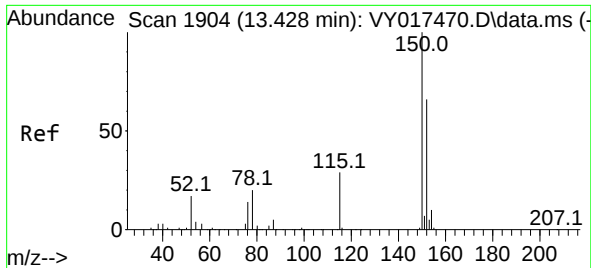
Tgt Ion:	95	Resp:	6464
Ion Ratio	Lower	Upper	
95	100		
174	95.9	0.0	175.6
176	87.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017537.D
Acq: 29 Feb 2024 18:52

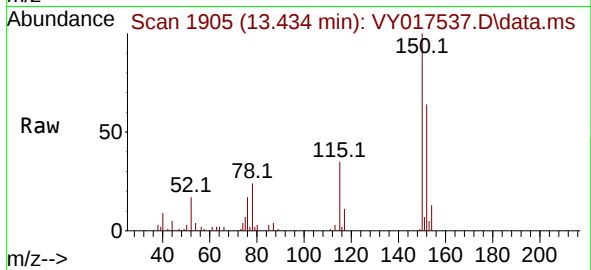
Tgt Ion:	117	Resp:	21602
Ion Ratio	Lower	Upper	
117	100		
82	51.2	42.4	63.6
119	32.0	25.9	38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.006 min
 Lab File: VY017537.D
 Acq: 29 Feb 2024 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3



Tgt Ion:152 Resp: 6593
 Ion Ratio Lower Upper
 152 100
 115 51.1 28.2 84.7
 150 152.6 0.0 345.6

