

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017119.D
 Acq On : 26 Jan 2024 14:20
 Operator : SY/MD
 Sample : P1264-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213

Quant Time: Jan 29 04:16:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

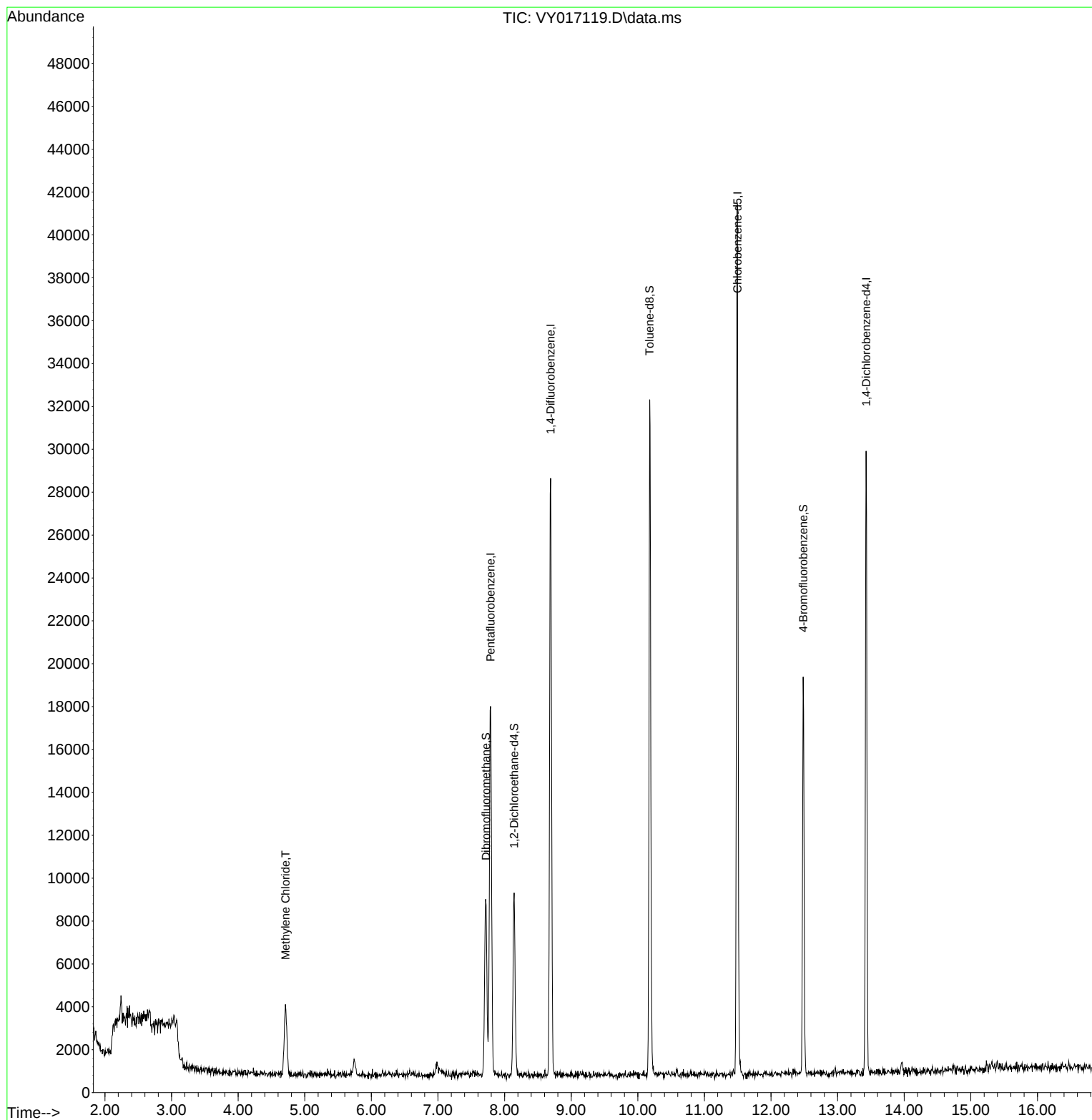
Internal Standards						
1) Pentafluorobenzene	7.789	168	13628	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	24530	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	23031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6517	49.082	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.160%
35) Dibromofluoromethane	7.722	113	6364	42.986	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.980%
50) Toluene-d8	10.178	98	21338	38.159	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.320%
62) 4-Bromofluorobenzene	12.483	95	6061	35.185	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	2413	11.690	ug/l	92

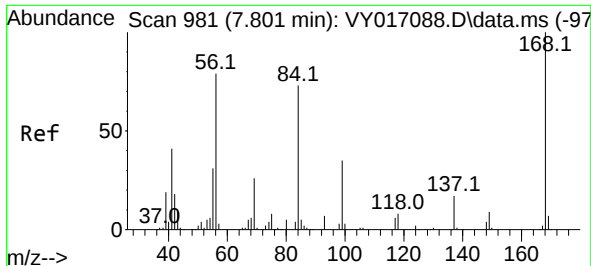
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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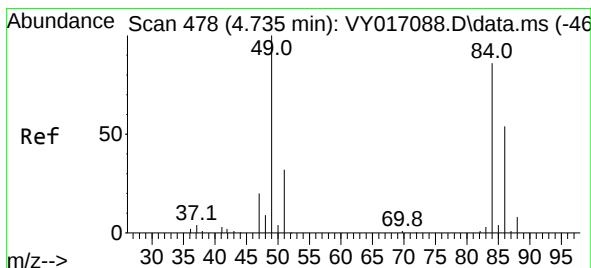
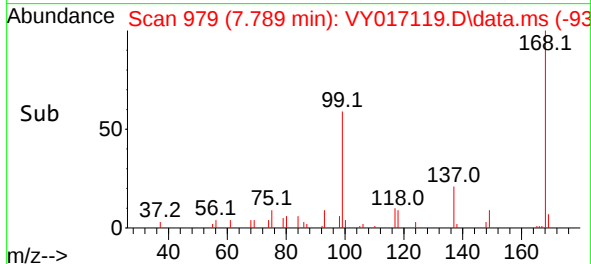
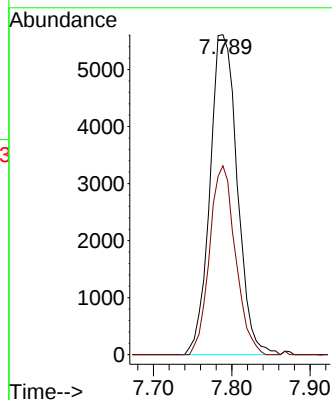
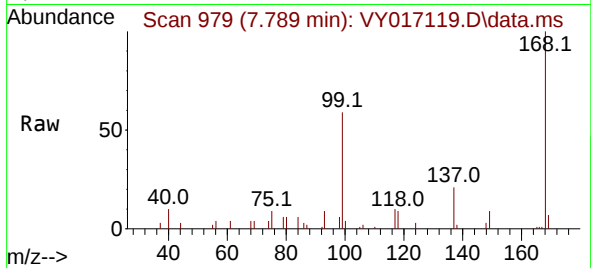




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

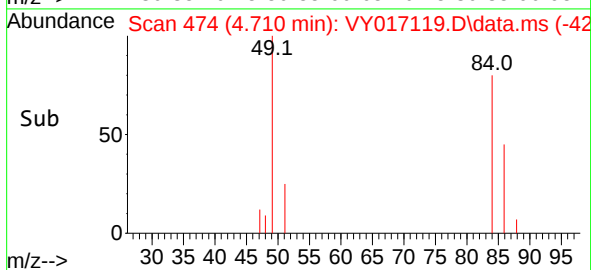
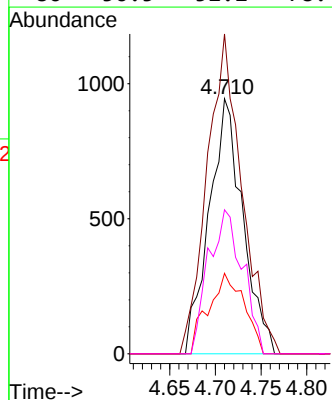
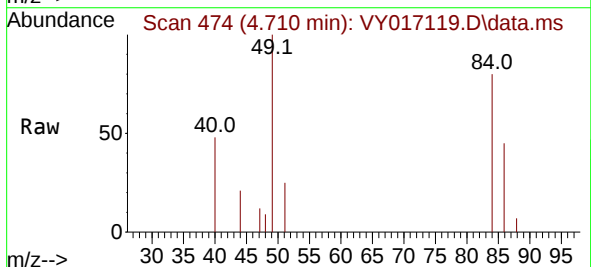
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-213

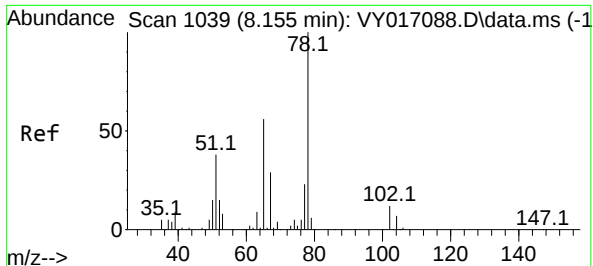
Tgt Ion:168 Resp: 13628
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#20
Methylene Chloride
Concen: 11.690 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.024 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 84 Resp: 2413
Ion Ratio Lower Upper
84 100
49 125.4 95.2 142.8
51 31.6 29.9 44.9
86 56.5 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 49.082 ug/l

RT: 8.142 min Scan# 110

Delta R.T. -0.013 min

Lab File: VY017119.D

Acq: 26 Jan 2024 14:20

Instrument :

MSVOA_Y

ClientSampleId :

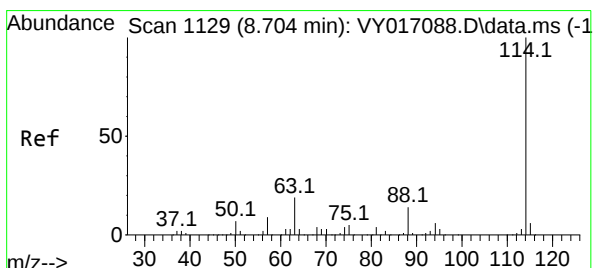
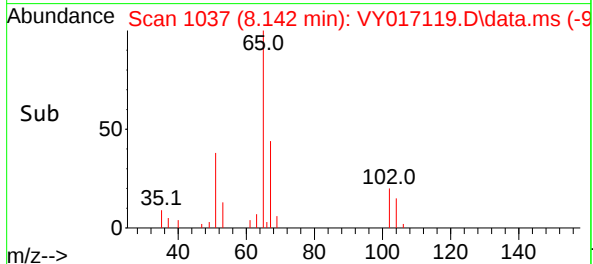
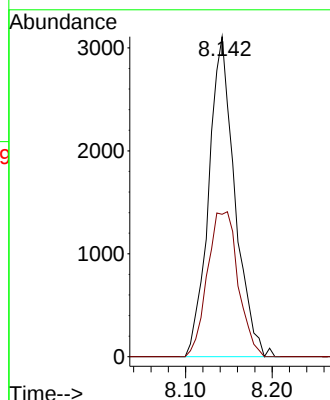
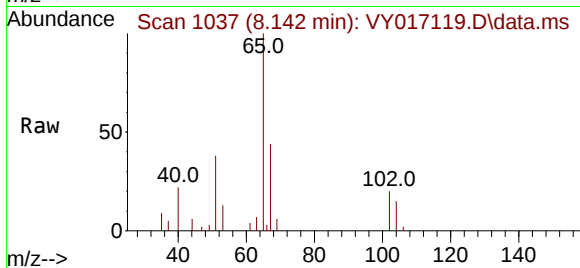
VNJ-213

Tgt Ion: 65 Resp: 6517

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.012 min

Lab File: VY017119.D

Acq: 26 Jan 2024 14:20

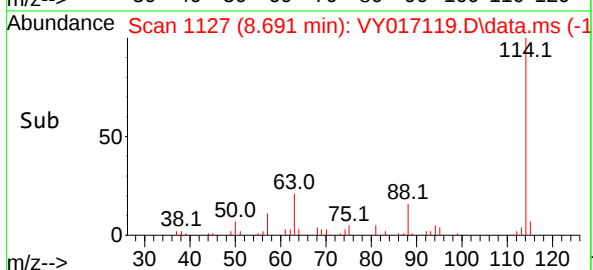
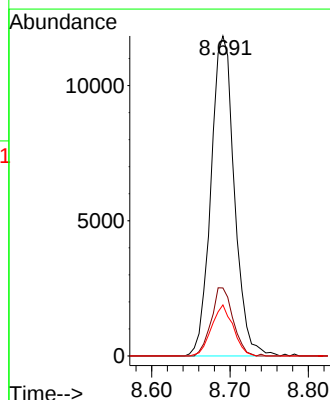
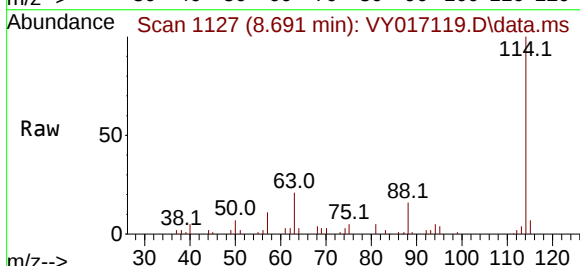
Tgt Ion: 114 Resp: 24530

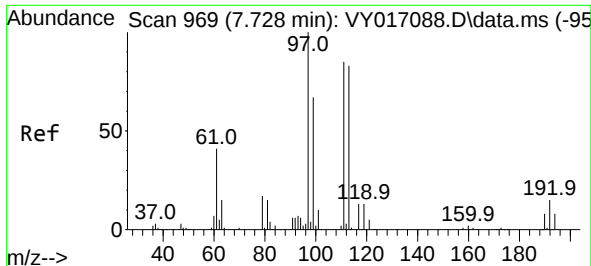
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 16.0 0.0 29.0

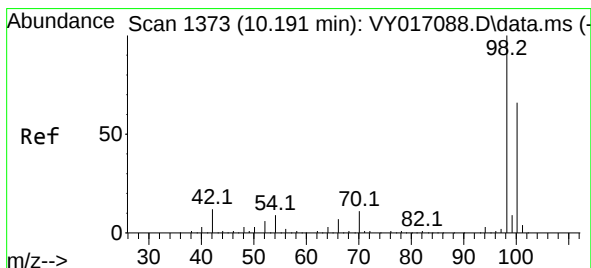
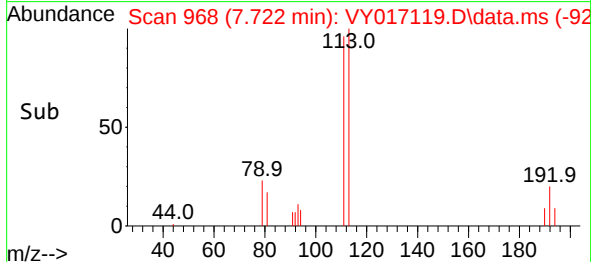
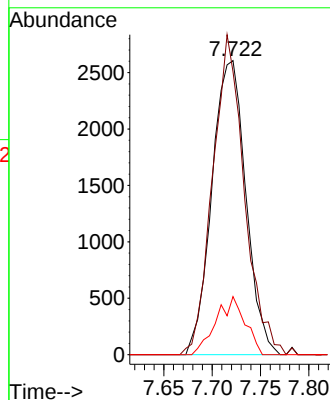
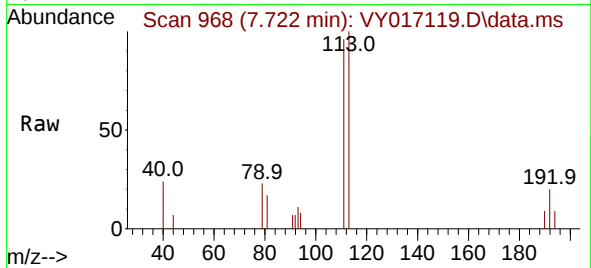




#35
Dibromofluoromethane
Concen: 42.986 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

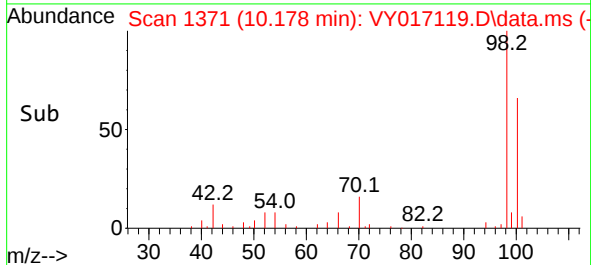
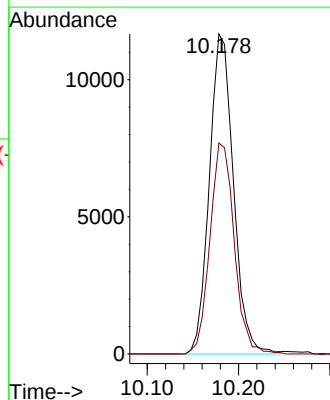
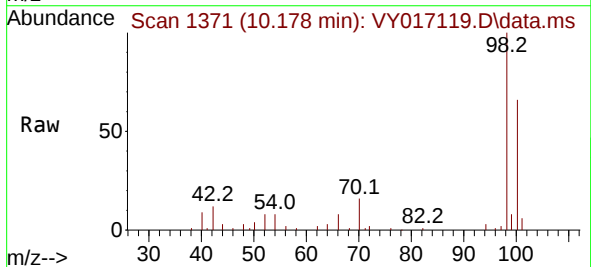
Instrument :
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VNJ-213

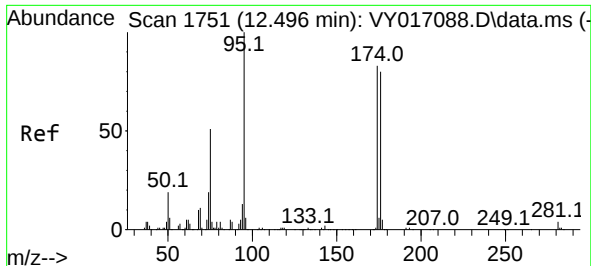
Tgt Ion:113 Resp: 6364
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 16.9 14.5 21.7



#50
Toluene-d8
Concen: 38.159 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.013 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

Tgt Ion: 98 Resp: 21338
Ion Ratio Lower Upper
98 100
100 66.5 52.3 78.5

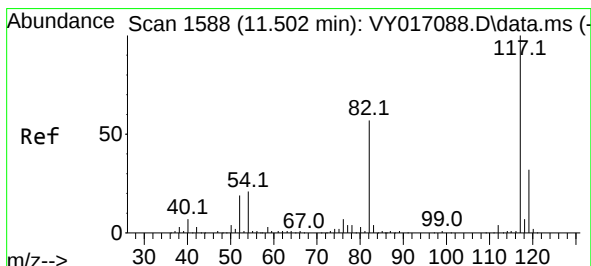
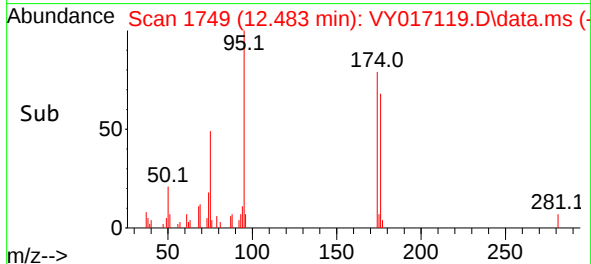
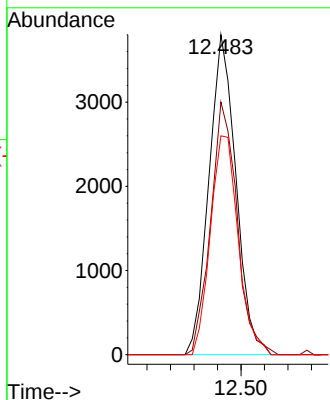
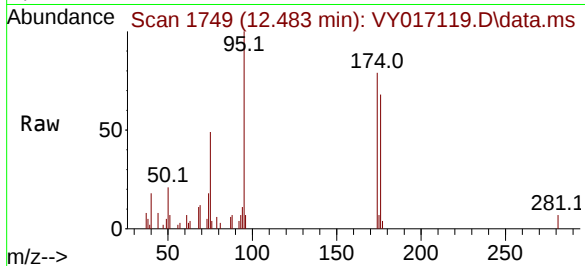




#62
4-Bromofluorobenzene
Concen: 35.185 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

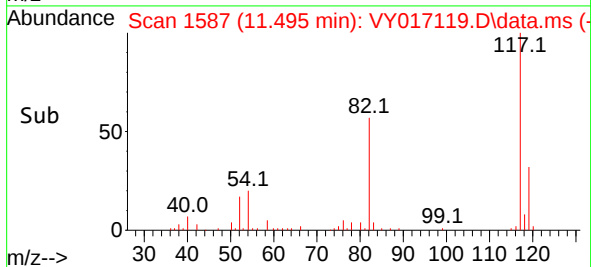
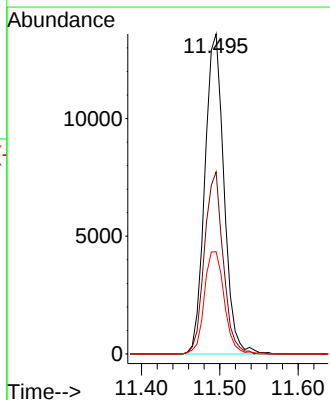
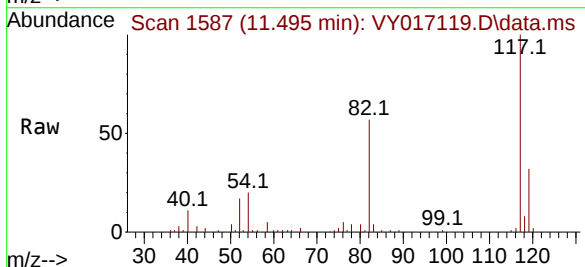
Instrument :
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ClientSampleId :
VNJ-213

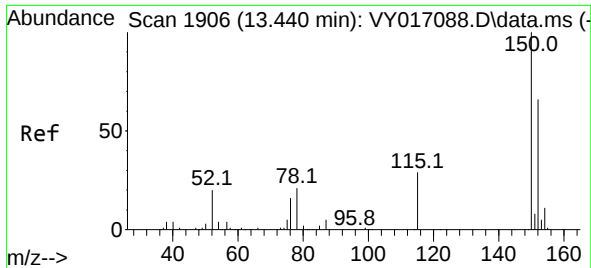
Tgt Ion: 95	Resp: 6061
Ion Ratio	Lower Upper
95 100	
174 77.6	0.0 160.0
176 70.5	0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.007 min
Lab File: VY017119.D
Acq: 26 Jan 2024 14:20

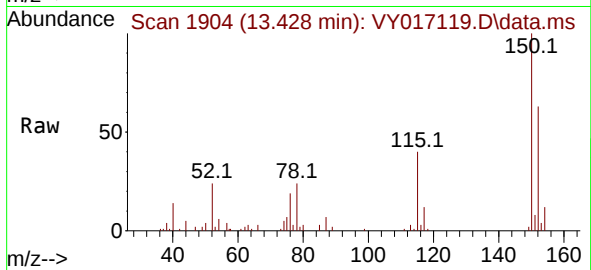
Tgt Ion: 117	Resp: 23031
Ion Ratio	Lower Upper
117 100	
82 56.9	43.8 65.8
119 31.9	26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY017119.D
 Acq: 26 Jan 2024 14:20

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-213



Tgt Ion:152 Resp: 7596
 Ion Ratio Lower Upper
 152 100
 115 59.1 30.0 90.0
 150 156.4 0.0 344.6

