

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101623\
 Data File : VY015983.D
 Acq On : 16 Oct 2023 14:42
 Operator : SY/MD
 Sample : 04882-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-228

Quant Time: Oct 17 05:43:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

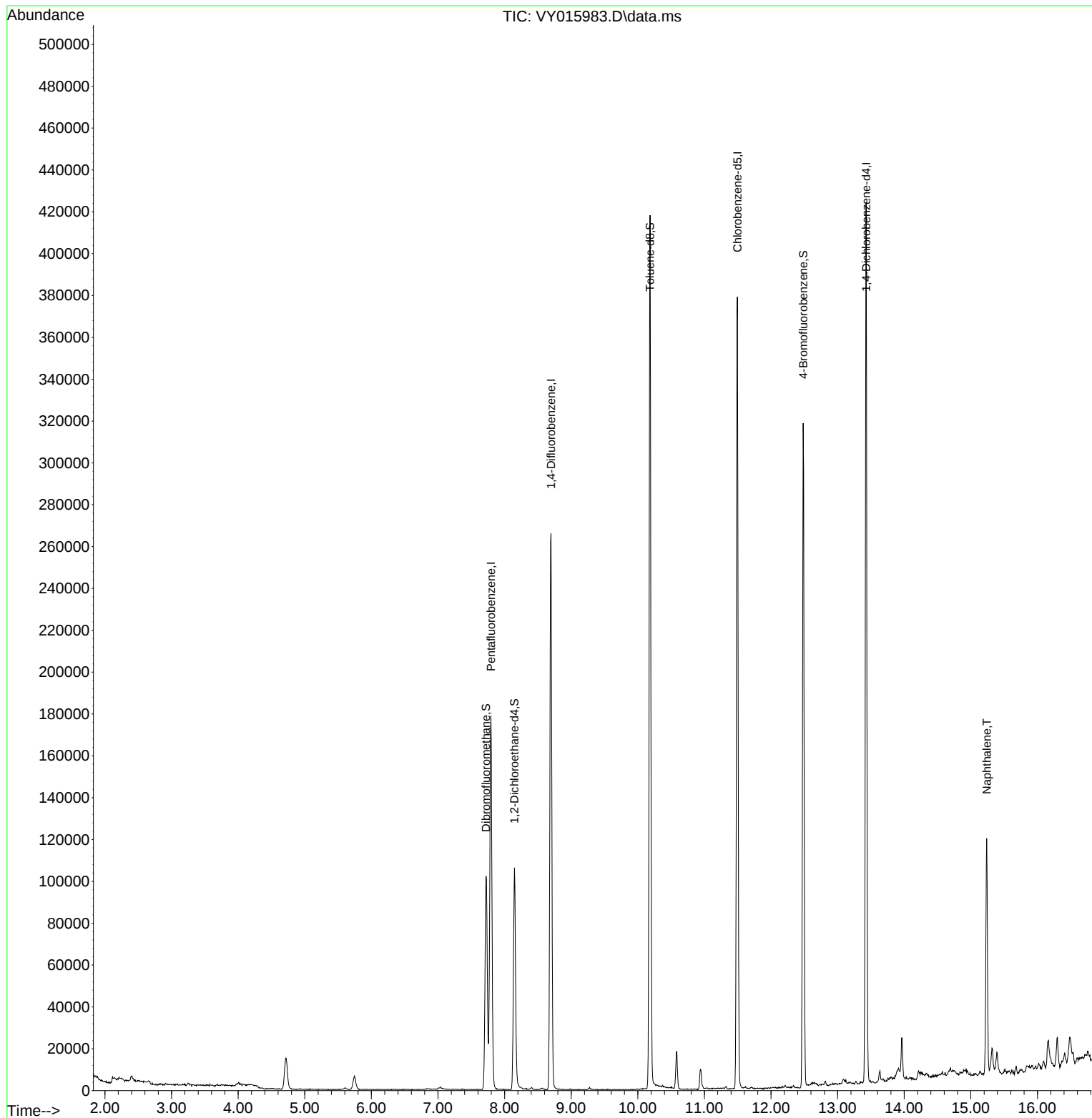
Internal Standards						
1) Pentafluorobenzene	7.795	168	139986	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	216696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84584	52.943	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.880%	
35) Dibromofluoromethane	7.722	113	75486	50.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.800%	
50) Toluene-d8	10.185	98	276974	49.868	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	12.483	95	95601	48.339	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 96.680%	
Target Compounds						
95) Naphthalene	15.239	128	91688	12.434	ug/l	Qvalue 99

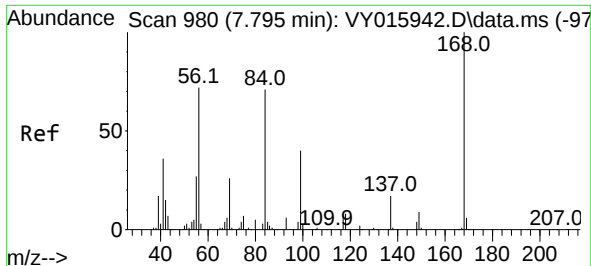
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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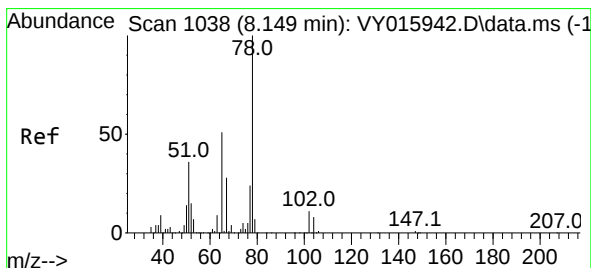
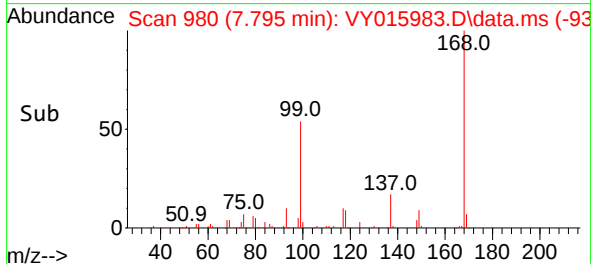
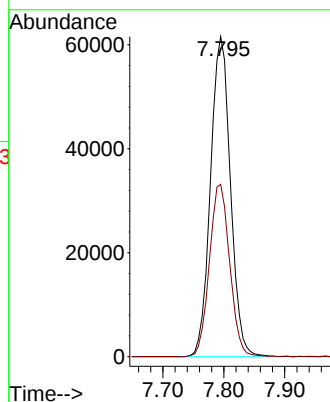
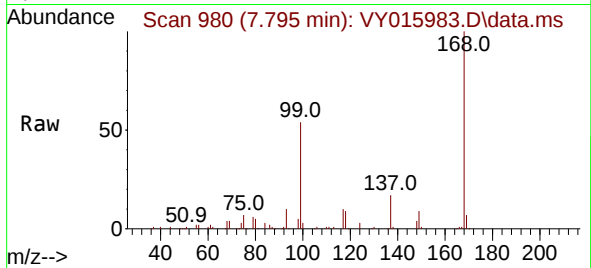




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

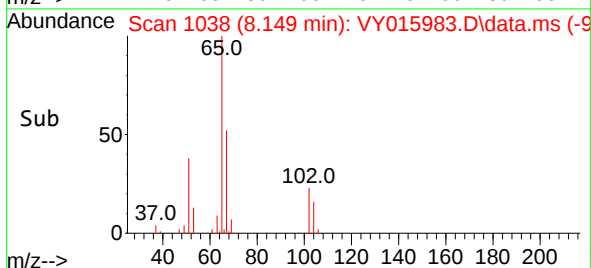
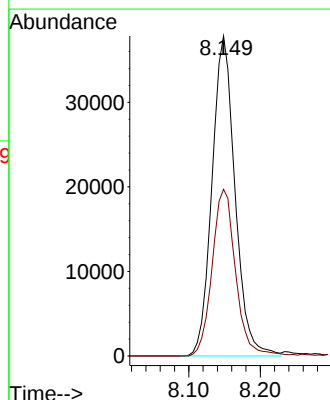
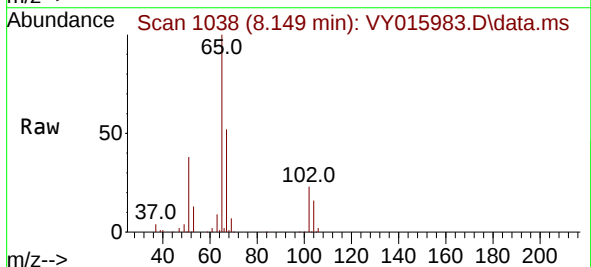
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

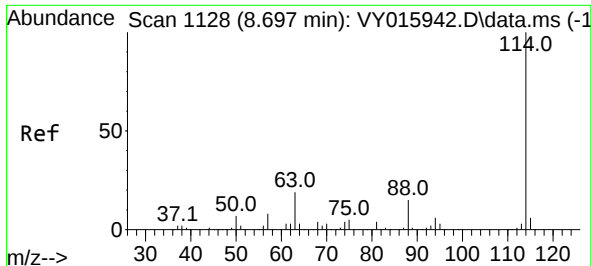
Tgt Ion:168 Resp: 139986
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.943 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

Tgt Ion: 65 Resp: 84584
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.8

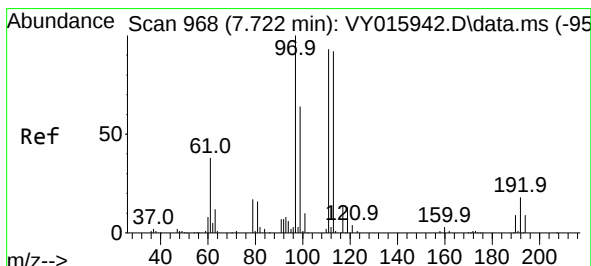
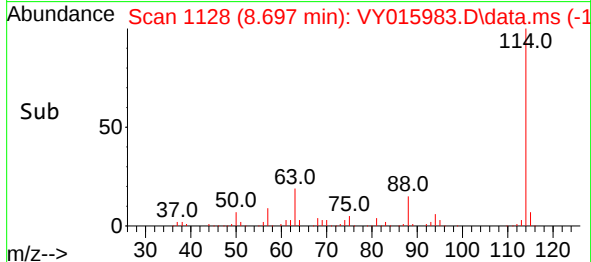
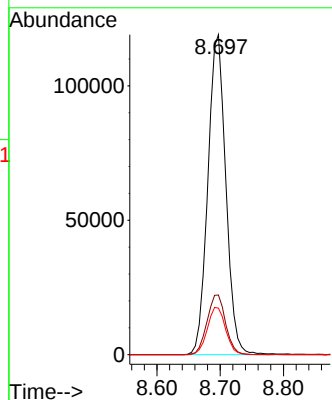
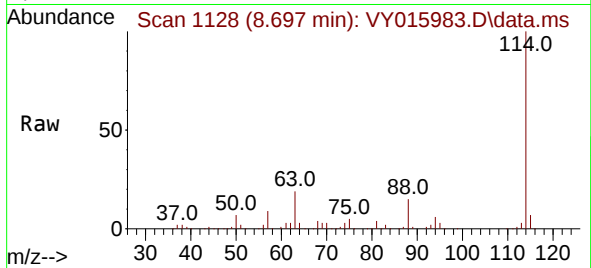




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

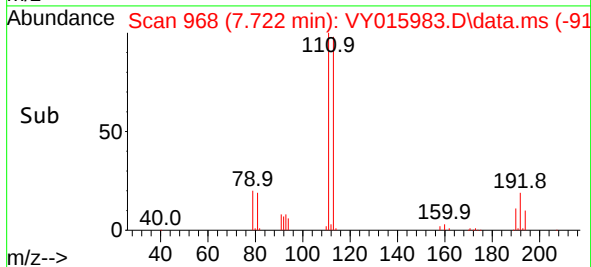
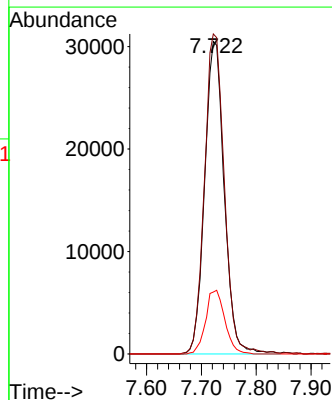
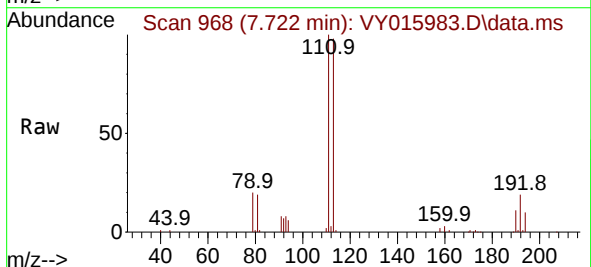
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-228

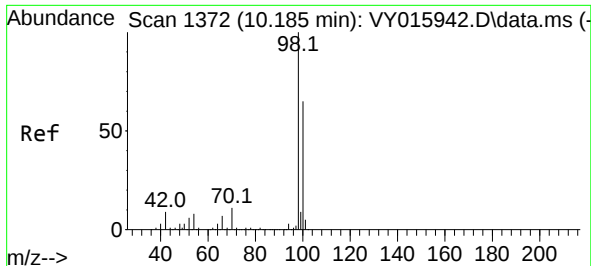
Tgt Ion:114 Resp: 235582
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.897 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

Tgt Ion:113 Resp: 75486
Ion Ratio Lower Upper
113 100
111 103.9 81.3 121.9
192 20.0 16.9 25.3

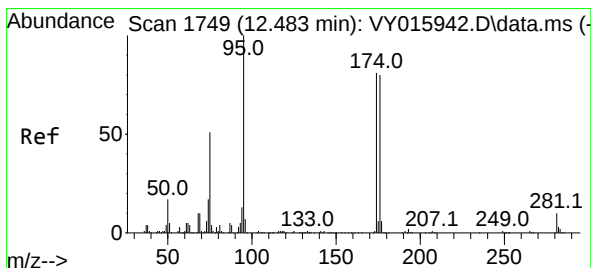
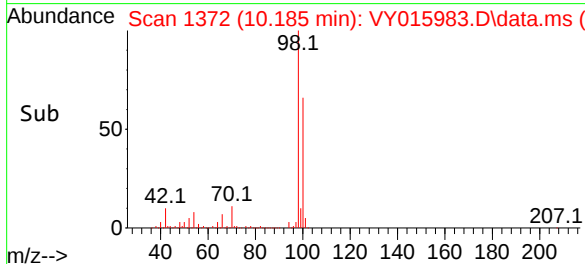
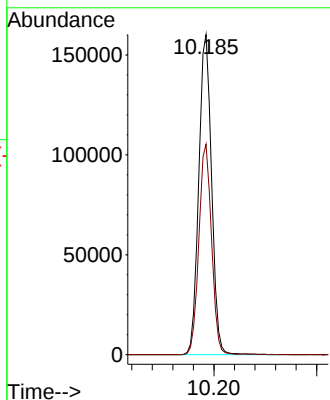
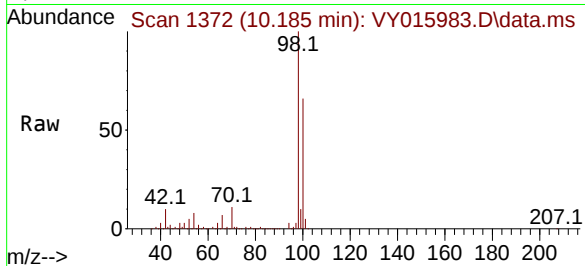




#50
Toluene-d8
Concen: 49.868 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

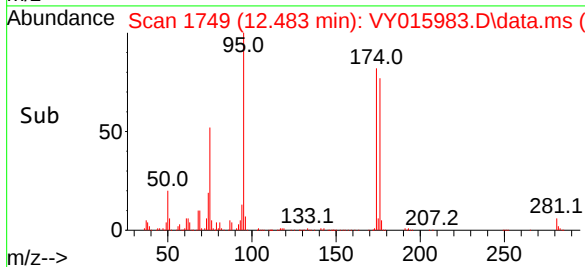
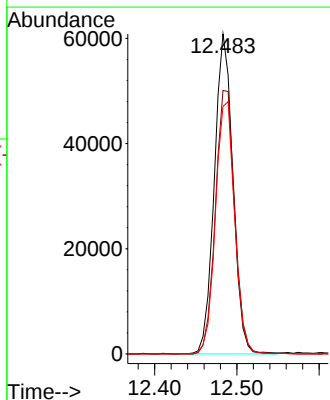
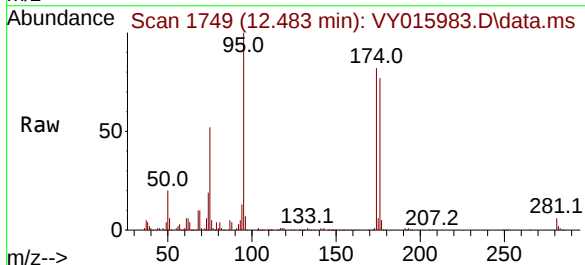
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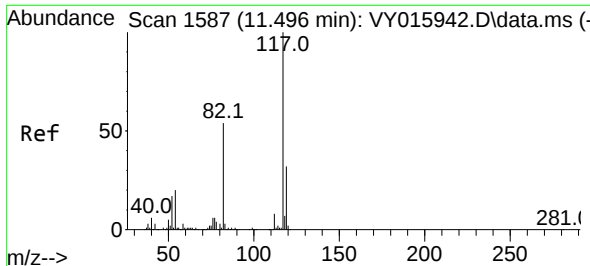
Tgt Ion: 98 Resp: 276974
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.339 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

Tgt Ion: 95 Resp: 95601
Ion Ratio Lower Upper
95 100
174 86.0 0.0 178.2
176 81.6 0.0 173.8

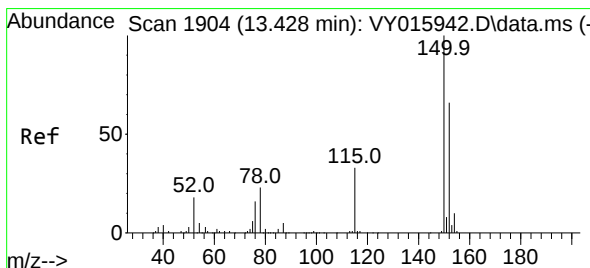
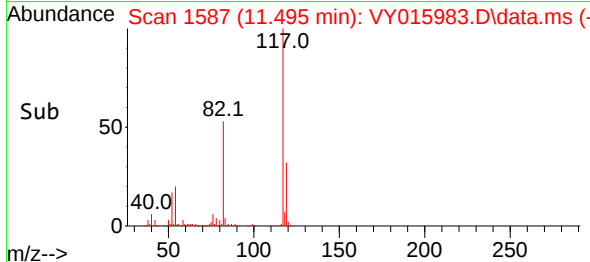
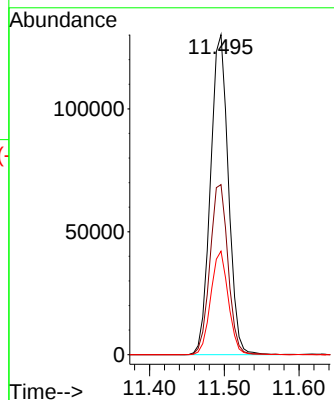
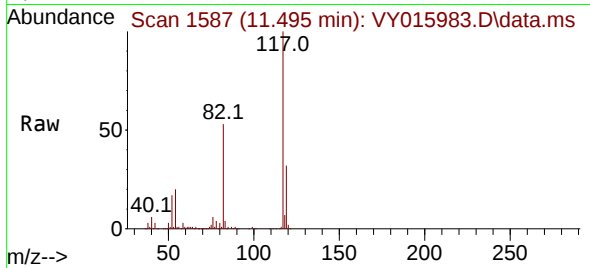




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

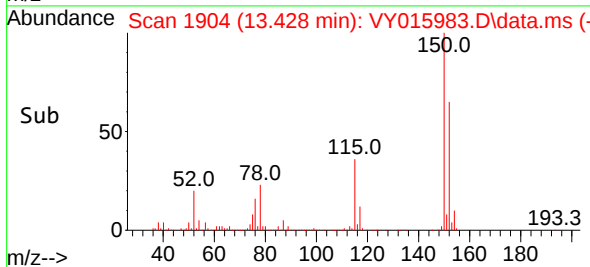
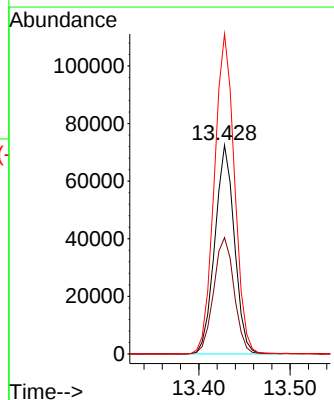
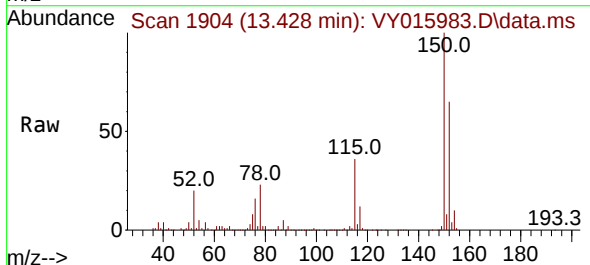
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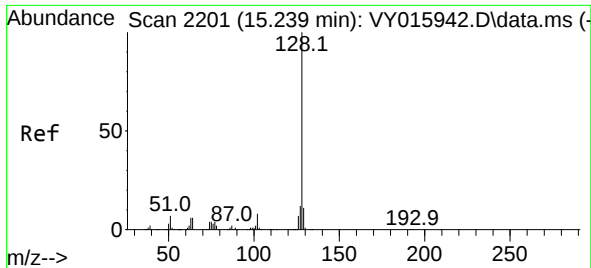
Tgt Ion:117 Resp: 216696
Ion Ratio Lower Upper
117 100
82 53.2 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY015983.D
Acq: 16 Oct 2023 14:42

Tgt Ion:152 Resp: 108002
Ion Ratio Lower Upper
152 100
115 58.3 28.8 86.5
150 157.8 0.0 348.8





#95

Naphthalene

Concen: 12.434 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY015983.D

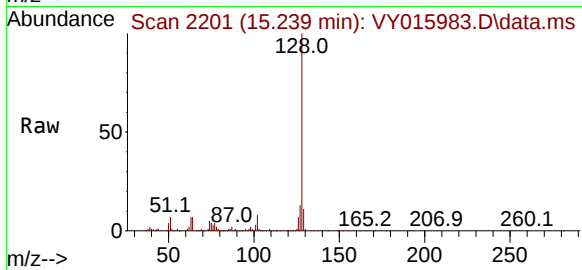
Acq: 16 Oct 2023 14:42

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-228



Tgt Ion:	128	Resp:	91688
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	11.3	8.6	13.0

