

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079676.D
 Acq On : 08 Aug 2024 19:26
 Operator : RP/MD
 Sample : P3461-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-28607

Quant Time: Aug 09 02:53:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

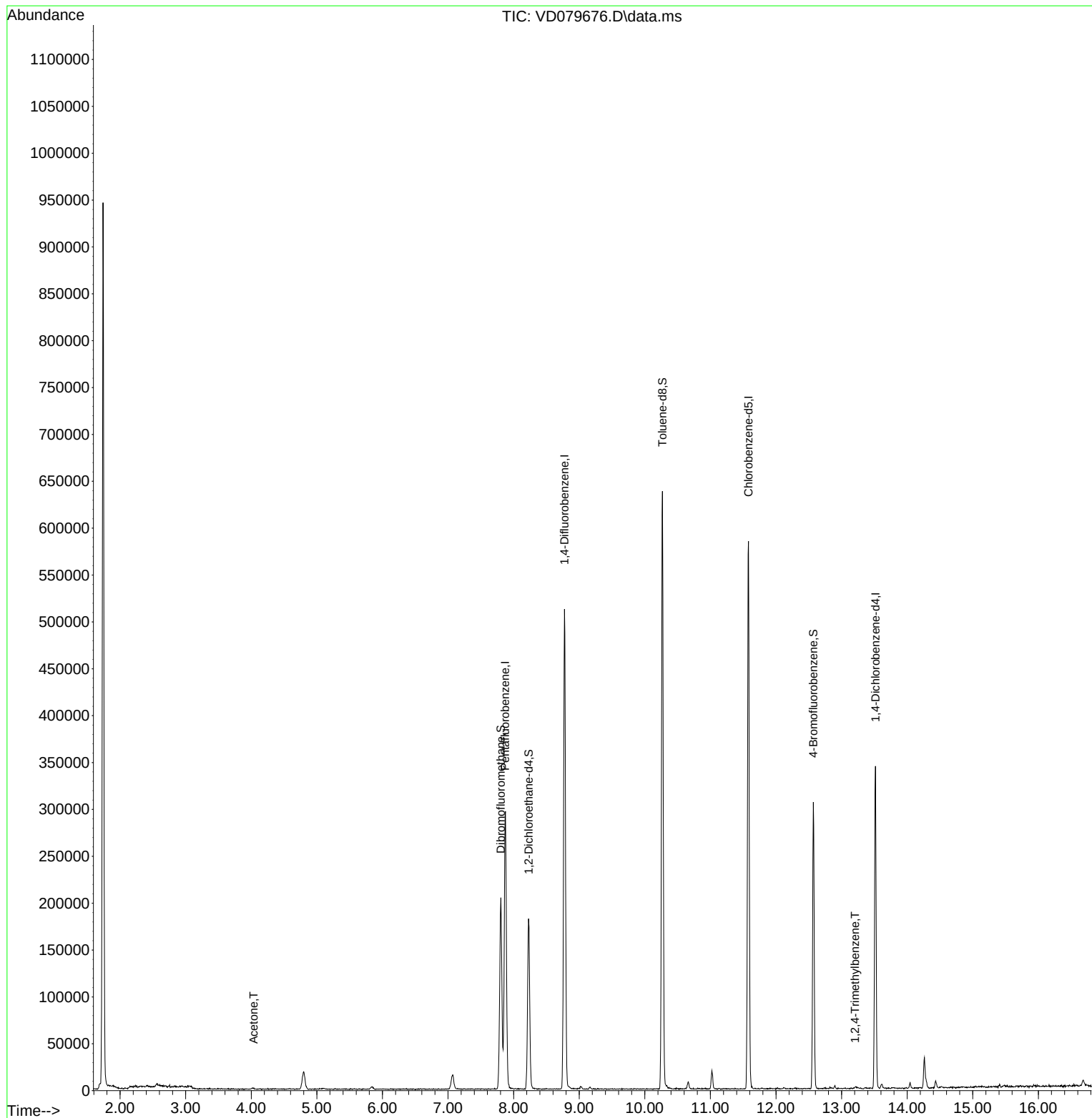
Internal Standards						
1) Pentafluorobenzene	7.869	168	227443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	464110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	353340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	136973	59.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.560%
35) Dibromofluoromethane	7.805	113	146561	46.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.320%
50) Toluene-d8	10.269	98	457505	37.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.000%
62) 4-Bromofluorobenzene	12.569	95	91254	25.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.700%
Target Compounds						
						Qvalue
16) Acetone	4.034	43	1971	4.389	ug/l	# 80
84) 1,2,4-Trimethylbenzene	13.204	105	1873	3.721	ug/l	90

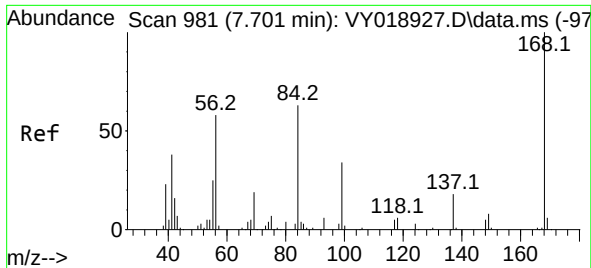
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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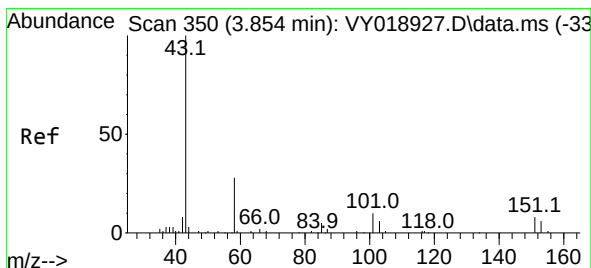
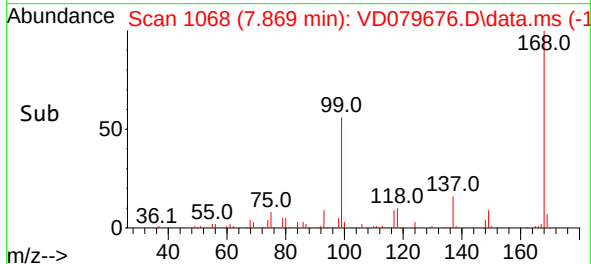
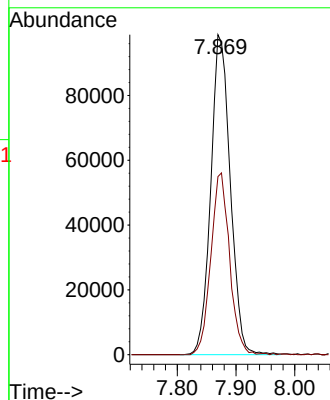
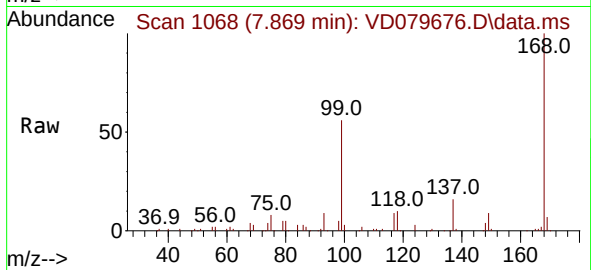




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079676.D
Acq: 08 Aug 2024 19:26

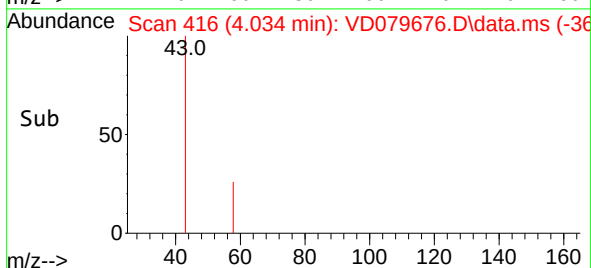
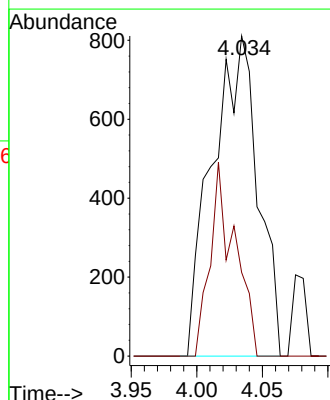
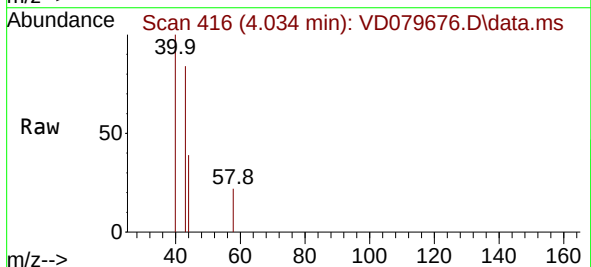
Instrument :
MSVOA_D
ClientSampleId :
CHRT-28607

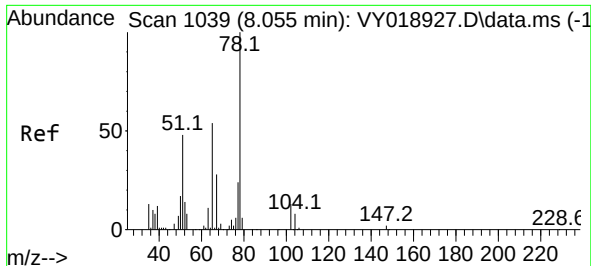
Tgt Ion:168 Resp: 227443
Ion Ratio Lower Upper
168 100
99 55.6 41.1 61.7



#16
Acetone
Concen: 4.389 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD079676.D
Acq: 08 Aug 2024 19:26

Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 26.1 30.4 45.6#





#33

1,2-Dichloroethane-d4

Concen: 59.280 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079676.D

Acq: 08 Aug 2024 19:26

Instrument :

MSVOA_D

ClientSampleId :

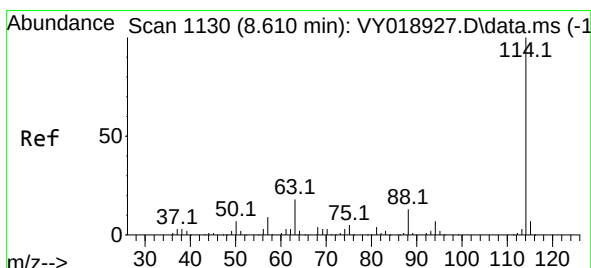
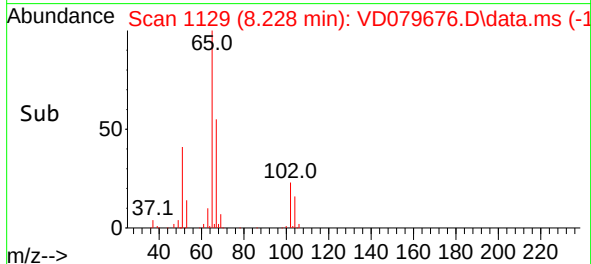
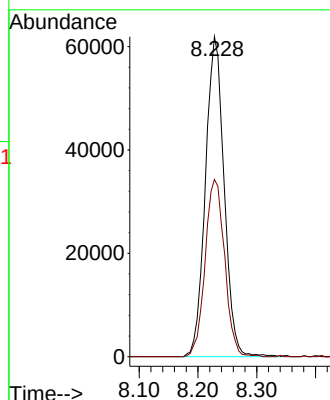
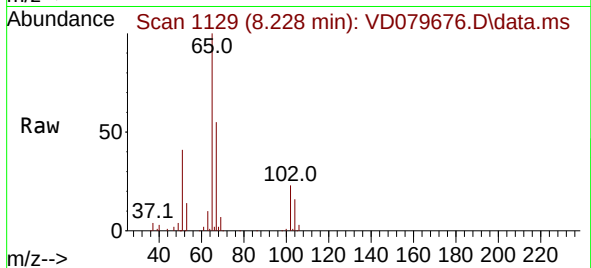
CHRT-28607

Tgt Ion: 65 Resp: 136973

Ion Ratio Lower Upper

65 100

67 57.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079676.D

Acq: 08 Aug 2024 19:26

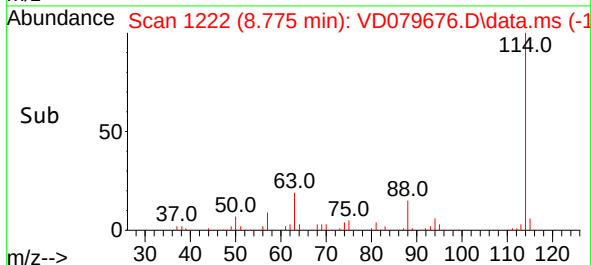
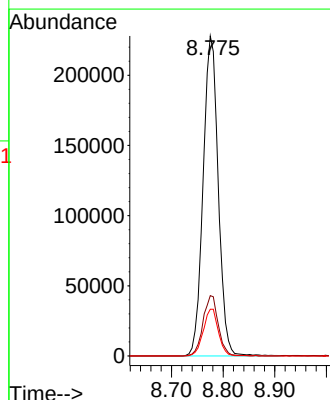
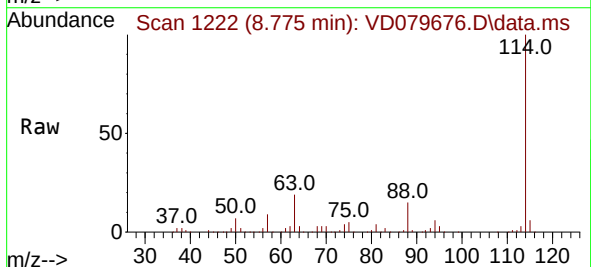
Tgt Ion: 114 Resp: 464110

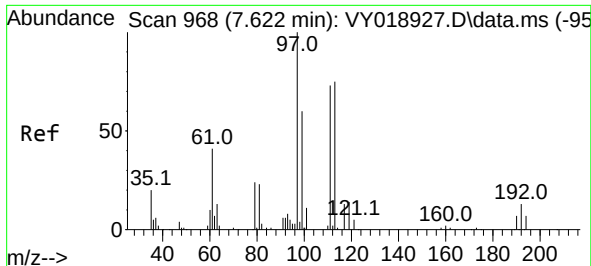
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 14.6 0.0 27.2

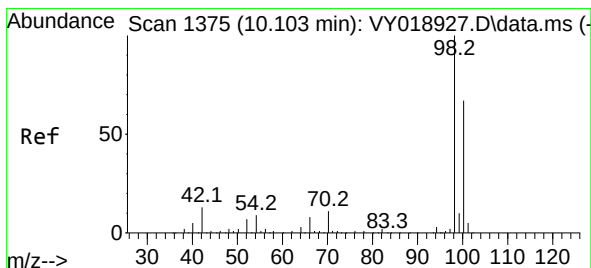
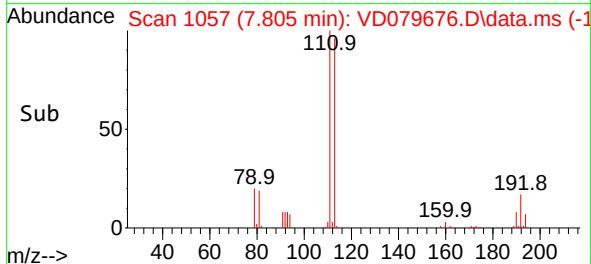
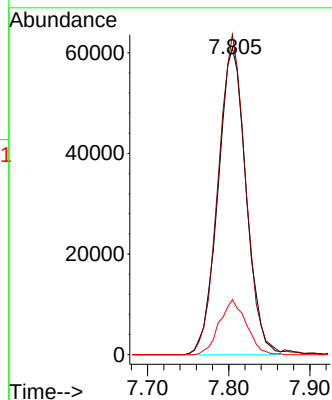
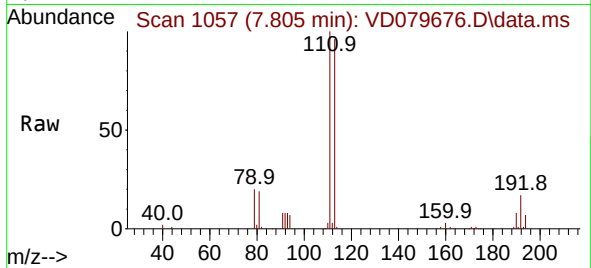




#35
Dibromofluoromethane
Concen: 46.656 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079676.D
Acq: 08 Aug 2024 19:26

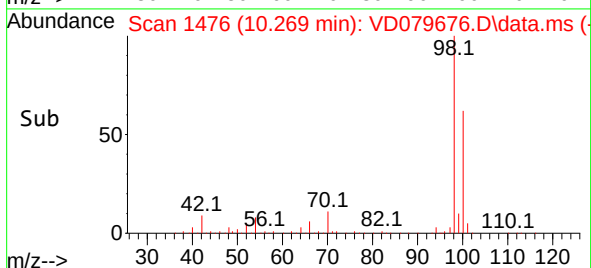
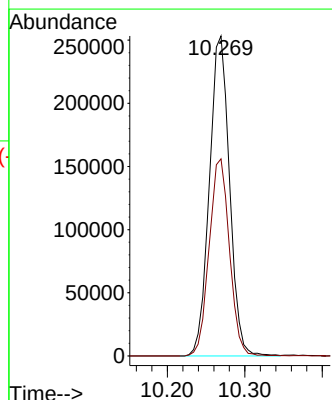
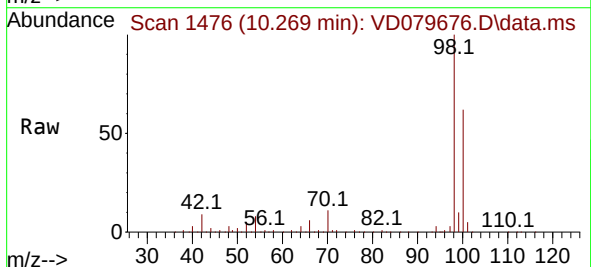
Instrument :
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CHRT-28607

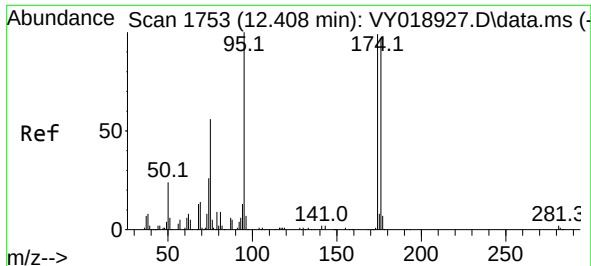
Tgt Ion:113 Resp: 146561
Ion Ratio Lower Upper
113 100
111 102.6 84.0 126.0
192 17.2 15.4 23.0



#50
Toluene-d8
Concen: 37.504 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079676.D
Acq: 08 Aug 2024 19:26

Tgt Ion: 98 Resp: 457505
Ion Ratio Lower Upper
98 100
100 62.0 51.6 77.4

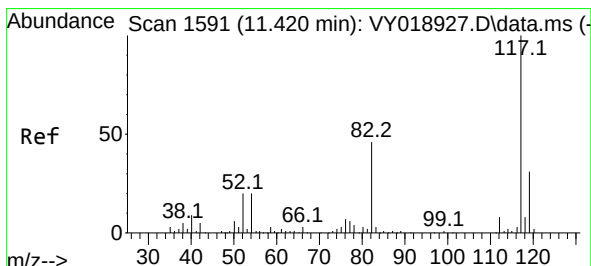
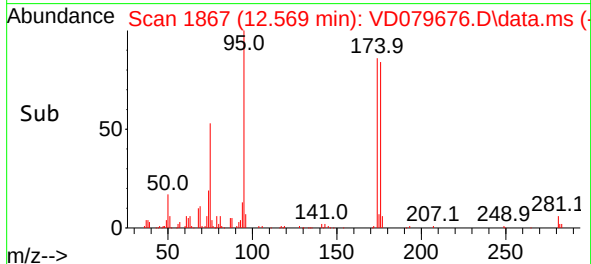
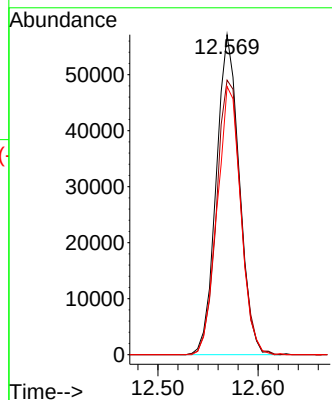
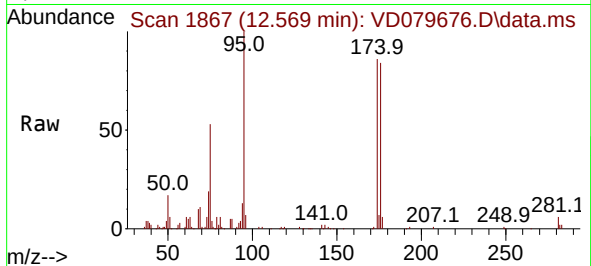




#62
4-Bromofluorobenzene
Concen: 25.850 ug/l
RT: 12.569 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079676.D
Acq: 08 Aug 2024 19:26

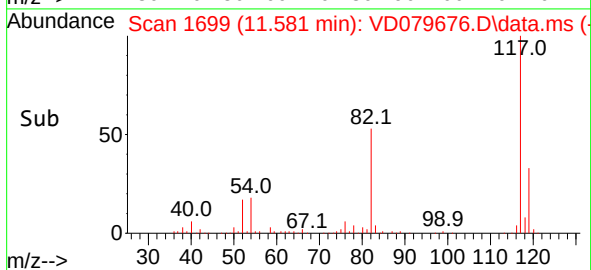
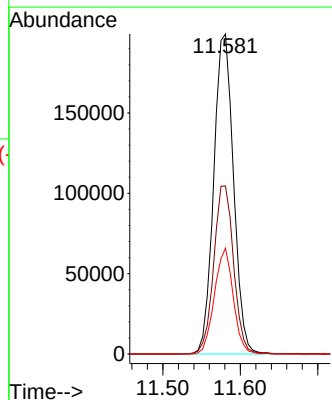
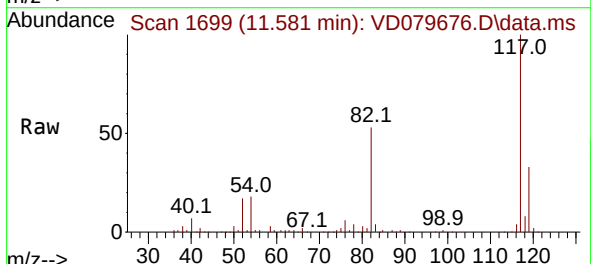
Instrument :
MSVOA_D
ClientSampleId :
CHRT-28607

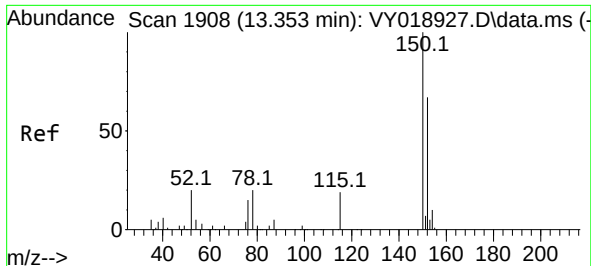
Tgt Ion:	95	Resp:	91254
Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	195.4
176	85.7	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079676.D
Acq: 08 Aug 2024 19:26

Tgt Ion:	117	Resp:	353340
Ion	Ratio	Lower	Upper
117	100		
82	52.5	39.8	59.6
119	33.0	25.7	38.5

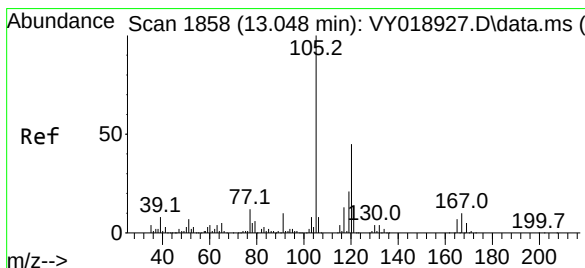
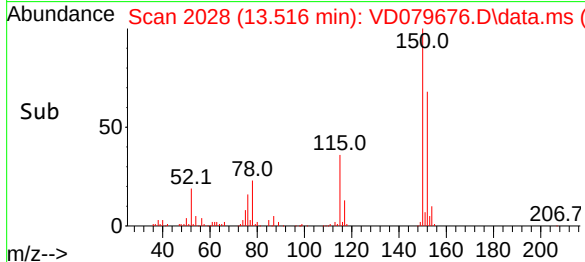
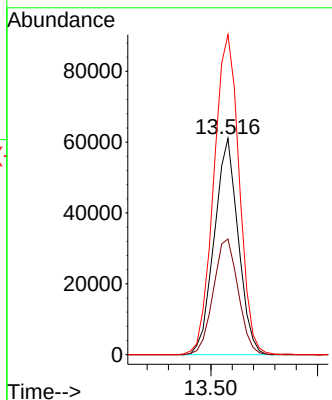
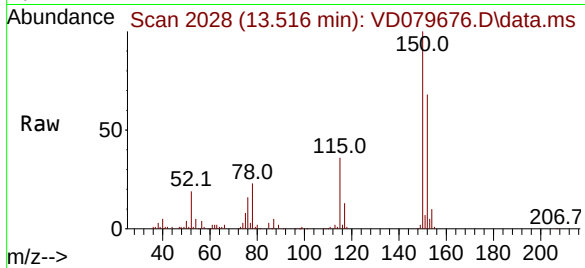




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079676.D
 Acq: 08 Aug 2024 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-28607

Tgt Ion:152 Resp: 95197
 Ion Ratio Lower Upper
 152 100
 115 55.8 26.5 79.5
 150 156.7 0.0 341.6



#84
 1,2,4-Trimethylbenzene
 Concen: 3.721 ug/l
 RT: 13.204 min Scan# 1975
 Delta R.T. 0.000 min
 Lab File: VD079676.D
 Acq: 08 Aug 2024 19:26

Tgt Ion:105 Resp: 1873
 Ion Ratio Lower Upper
 105 100
 120 40.7 23.6 71.0

