

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074628.D
 Acq On : 25 Oct 2022 13:05
 Operator : VA/SY
 Sample : N5267-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-1024

Quant Time: Oct 27 01:21:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

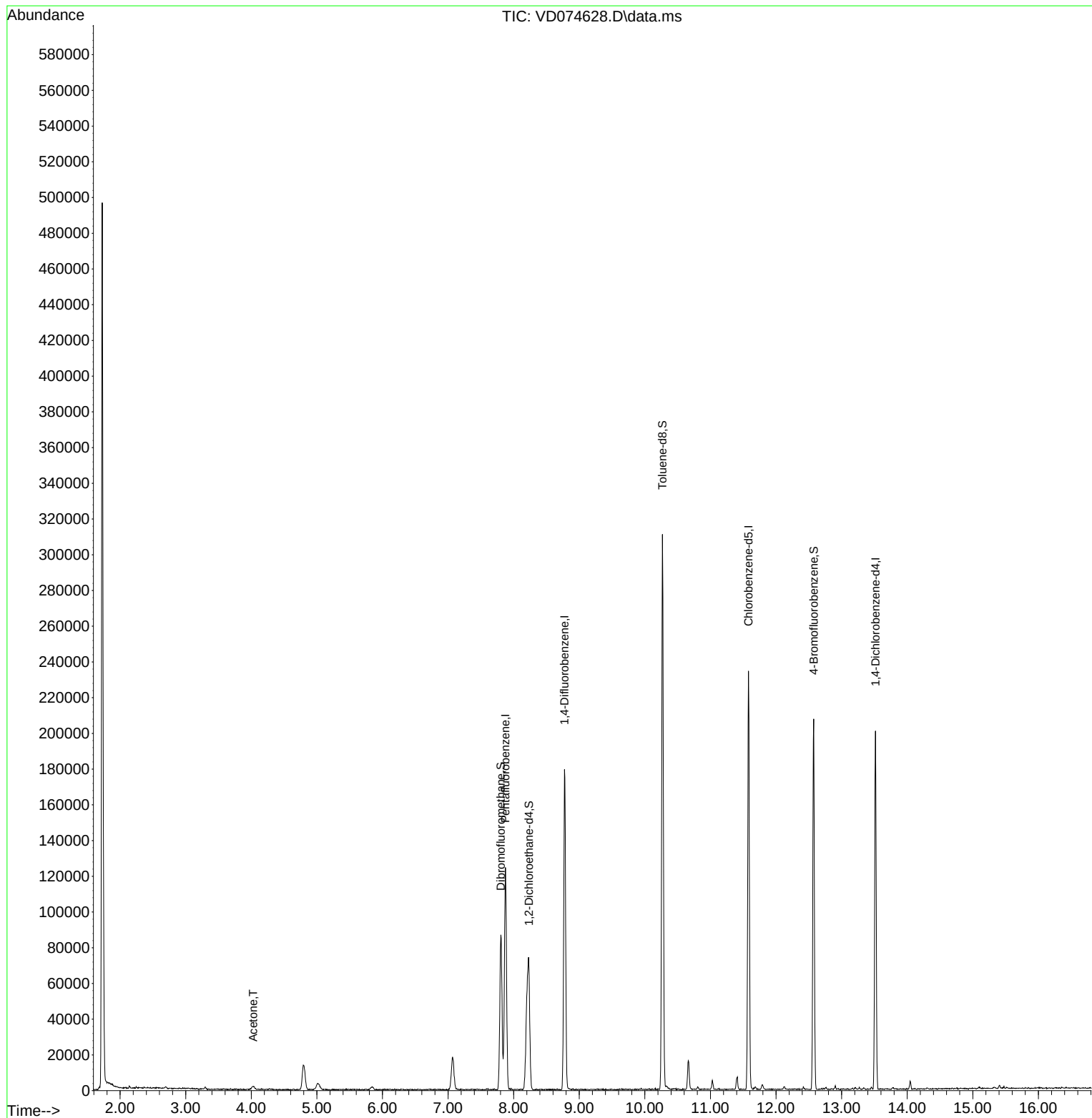
Internal Standards						
1) Pentafluorobenzene	7.875	168	103516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	148642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	58521	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	47788	60.466	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.940%		
35) Dibromofluoromethane	7.804	113	62439	65.341	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 130.680%		
50) Toluene-d8	10.269	98	223662	64.454	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 128.900%		
62) 4-Bromofluorobenzene	12.575	95	59689	60.186	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 120.380%		
Target Compounds						Qvalue
16) Acetone	4.028	43	3875	22.453	ug/l	98

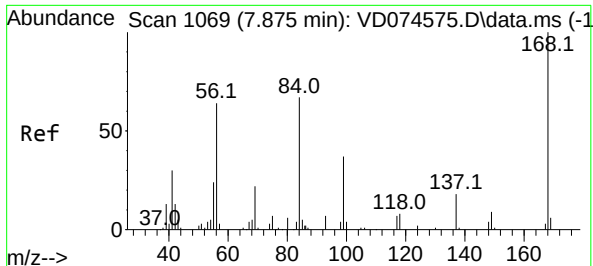
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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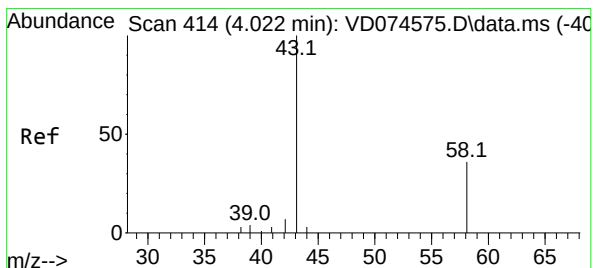
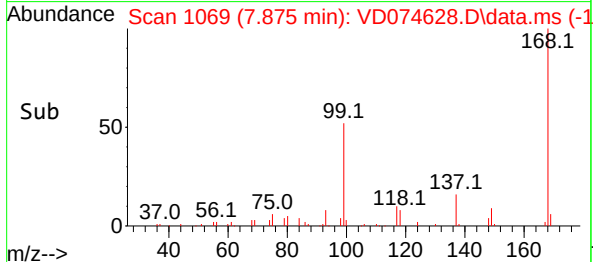
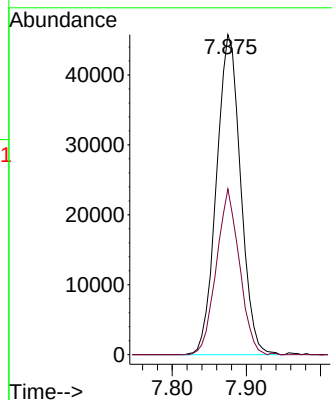
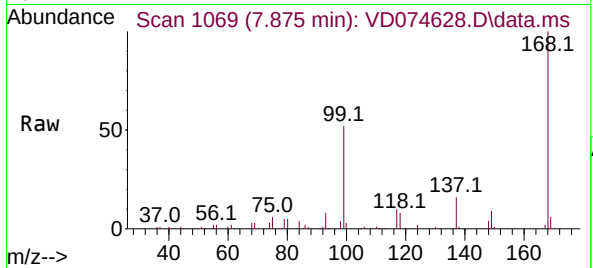




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074628.D
Acq: 25 Oct 2022 13:05

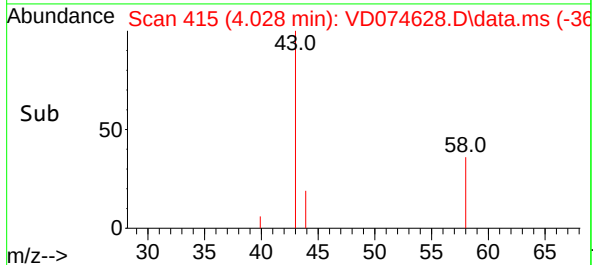
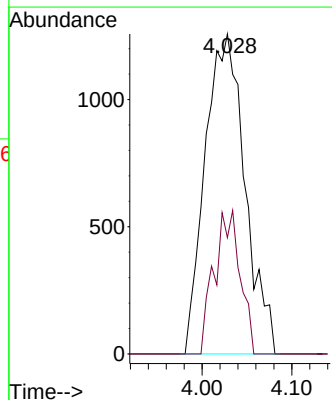
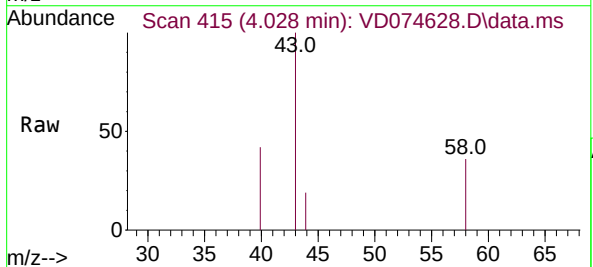
Instrument :
MSVOA_D
ClientSampleId :
TP1-1024

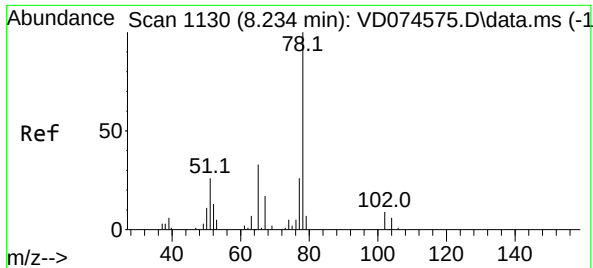
Tgt Ion:168 Resp: 103516
Ion Ratio Lower Upper
168 100
99 51.8 40.9 61.3



#16
Acetone
Concen: 22.453 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074628.D
Acq: 25 Oct 2022 13:05

Tgt Ion: 43 Resp: 3875
Ion Ratio Lower Upper
43 100
58 36.3 30.2 45.2

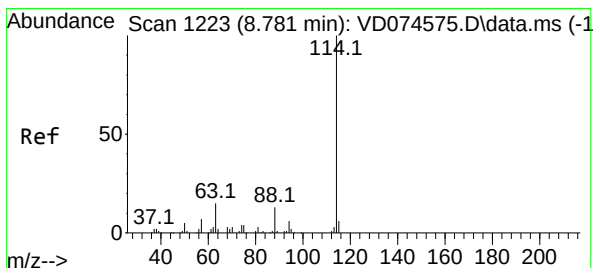
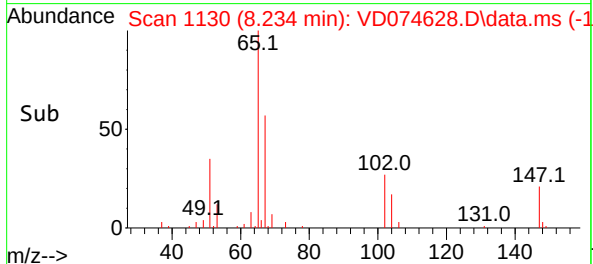
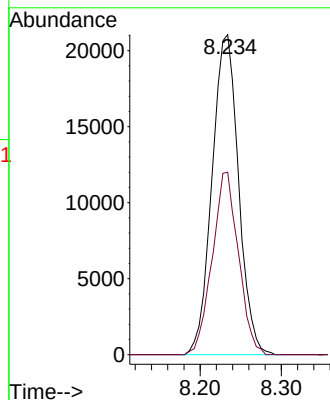
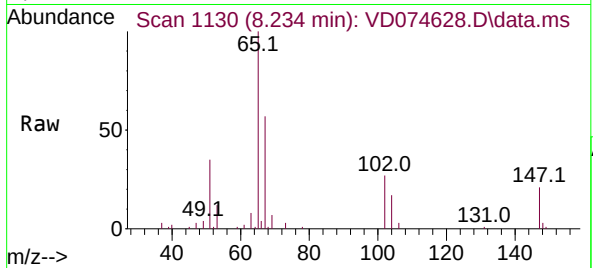




#33
 1,2-Dichloroethane-d4
 Concen: 60.466 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VD074628.D
 Acq: 25 Oct 2022 13:05

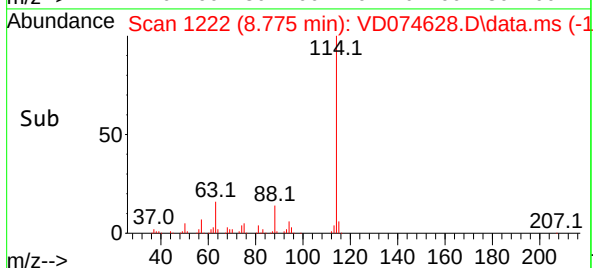
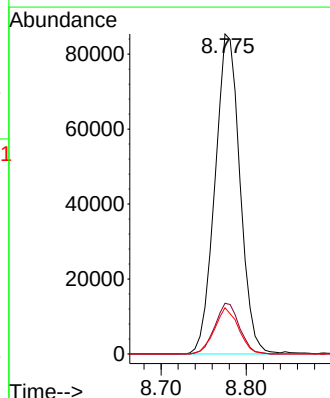
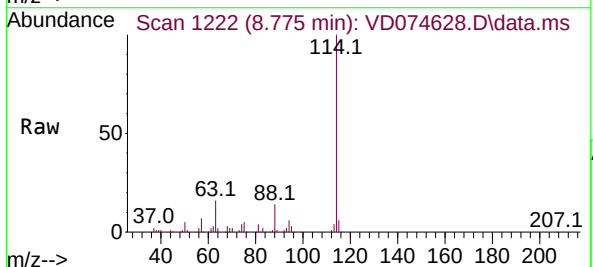
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-1024

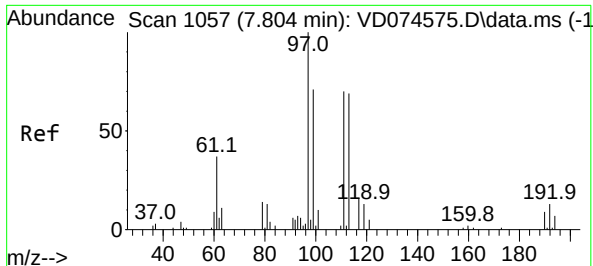
Tgt Ion: 65 Resp: 47788
 Ion Ratio Lower Upper
 65 100
 67 56.3 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD074628.D
 Acq: 25 Oct 2022 13:05

Tgt Ion: 114 Resp: 173373
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 33.2
 88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 65.341 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074628.D

Acq: 25 Oct 2022 13:05

Instrument :

MSVOA_D

ClientSampleId :

TP1-1024

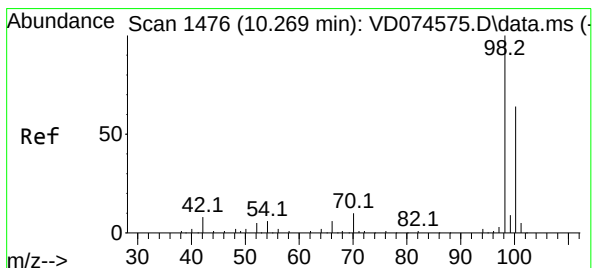
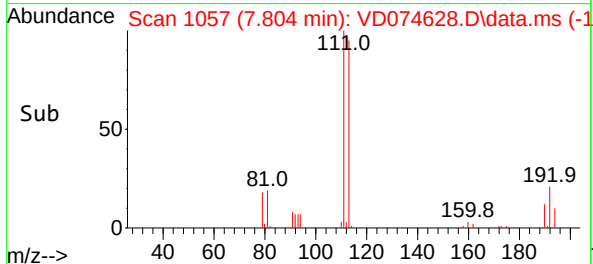
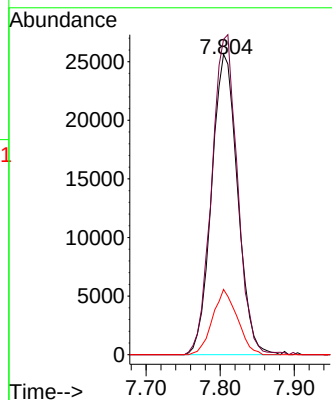
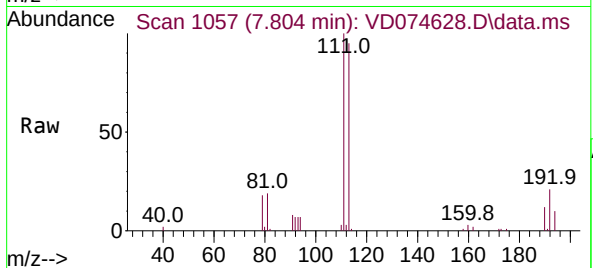
Tgt Ion:113 Resp: 62439

Ion Ratio Lower Upper

113 100

111 105.5 82.3 123.5

192 20.7 16.4 24.6



#50

Toluene-d8

Concen: 64.454 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074628.D

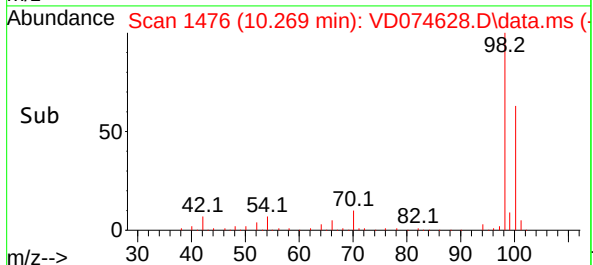
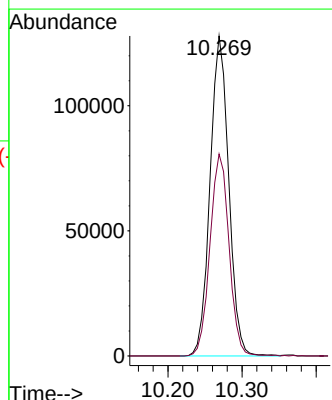
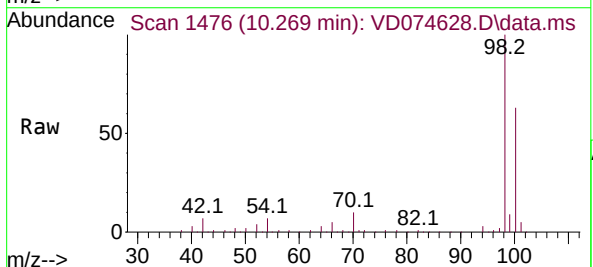
Acq: 25 Oct 2022 13:05

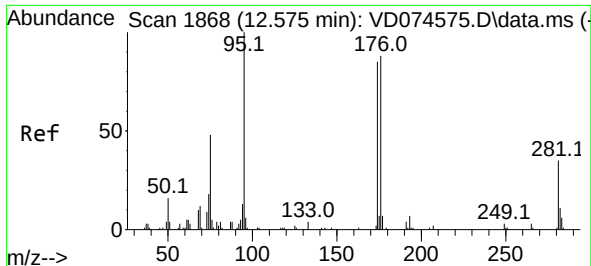
Tgt Ion: 98 Resp: 223662

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

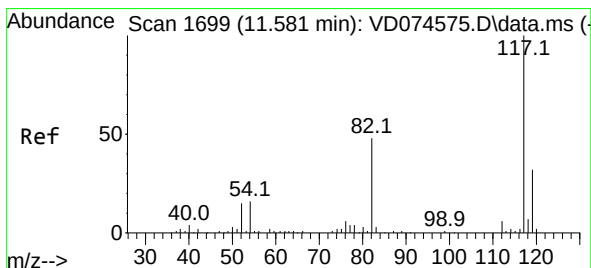
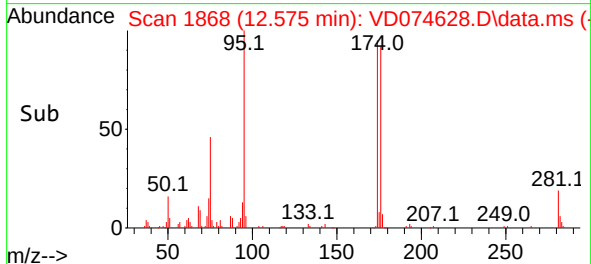
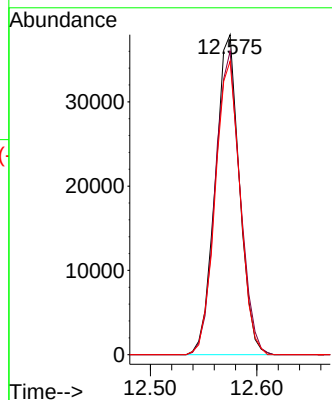
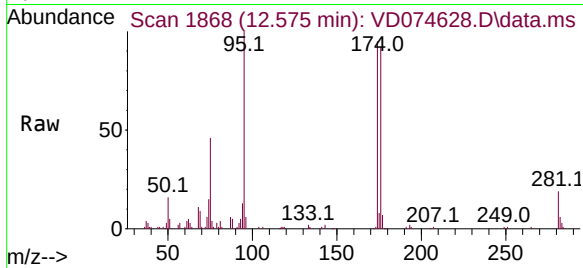




#62
4-Bromofluorobenzene
Concen: 60.186 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074628.D
Acq: 25 Oct 2022 13:05

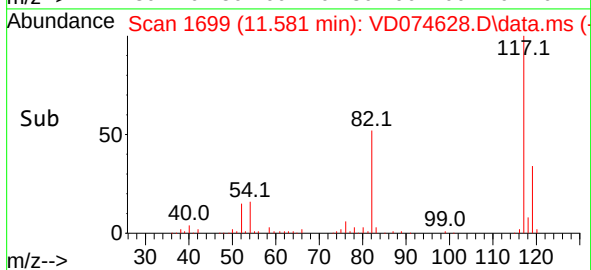
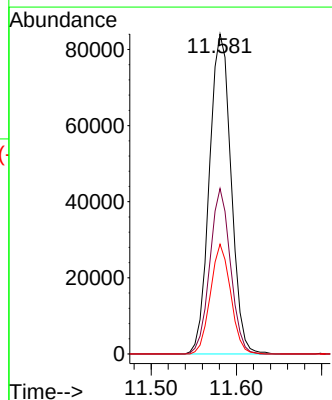
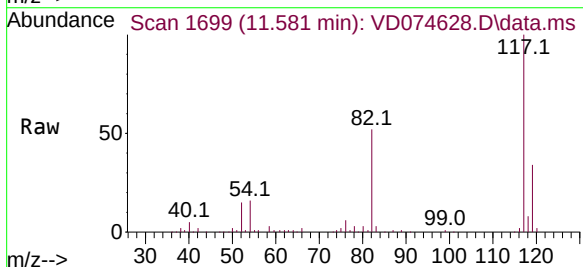
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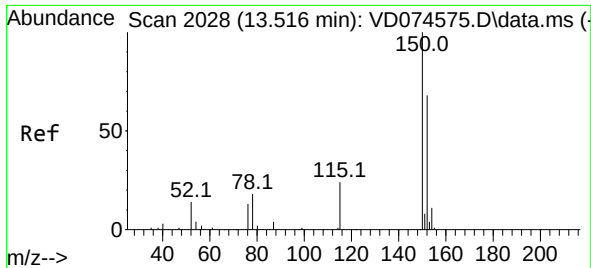
Tgt Ion:	95	Resp:	59689
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	197.0
176	94.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074628.D
Acq: 25 Oct 2022 13:05

Tgt Ion:	117	Resp:	148642
Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.6	62.4
119	34.3	25.2	37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074628.D

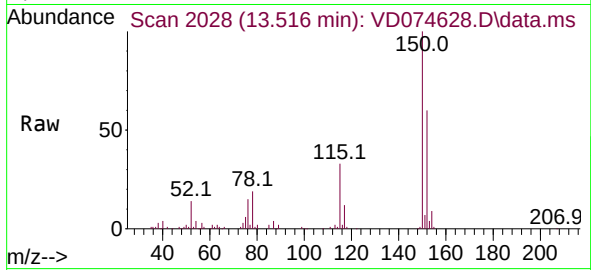
Acq: 25 Oct 2022 13:05

Instrument :

MSVOA_D

ClientSampleId :

TP1-1024



Tgt Ion:152 Resp: 58521

Ion Ratio Lower Upper

152 100

115 53.1 26.8 80.4

150 157.2 0.0 348.2

