

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074675.D
 Acq On : 28 Oct 2022 16:52
 Operator : VA/SY
 Sample : N5313-23
 Misc : 10.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-3-SE-QUARTER

Quant Time: Oct 29 02:15:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	16734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	28086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	10509	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16678	118.084	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	236.160%#
35) Dibromofluoromethane	7.810	113	15021	79.017	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	158.040%#
50) Toluene-d8	10.269	98	44508	60.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.760%
62) 4-Bromofluorobenzene	12.575	95	11013	54.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.700%

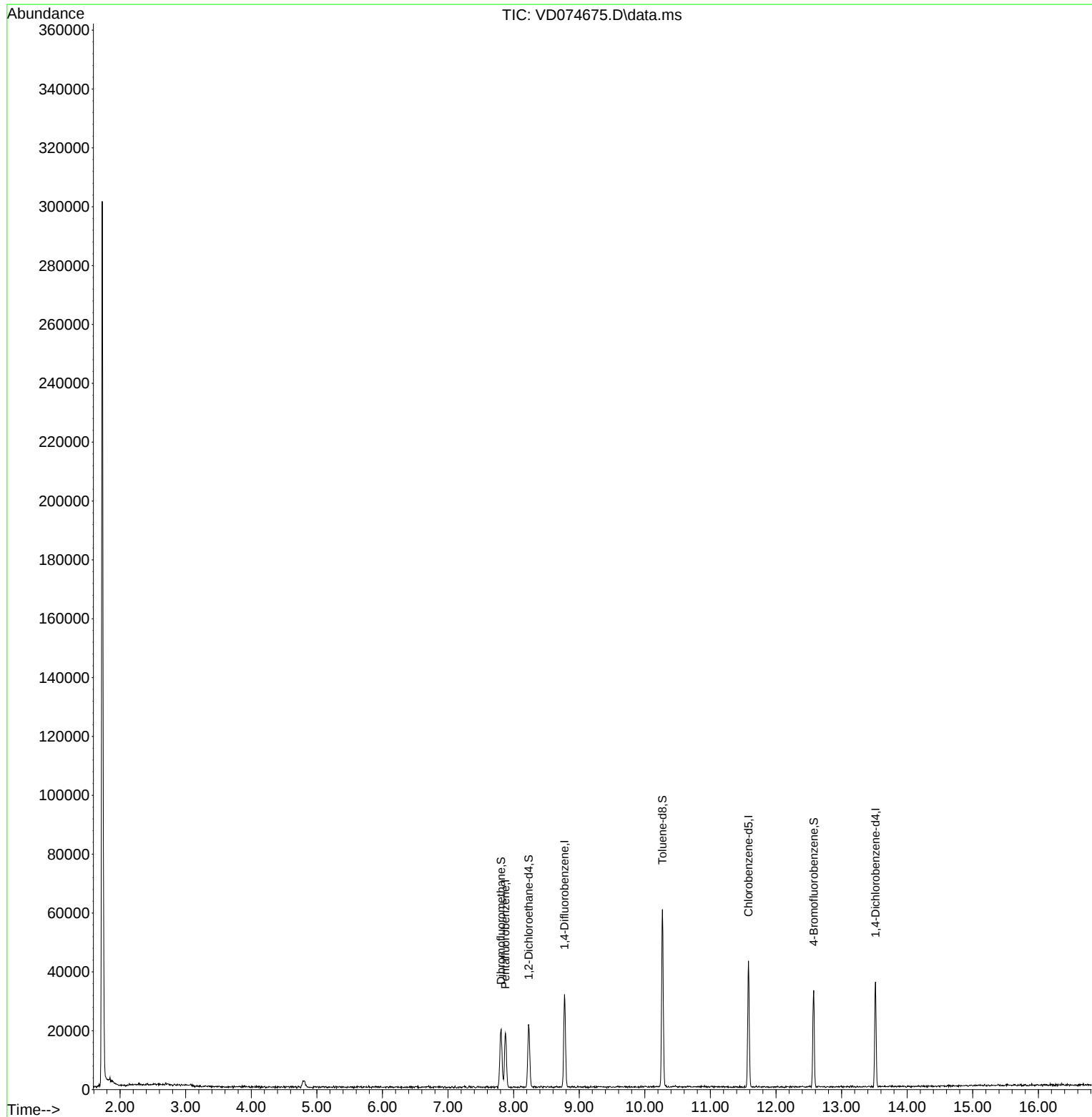
Target Compounds	Qvalue

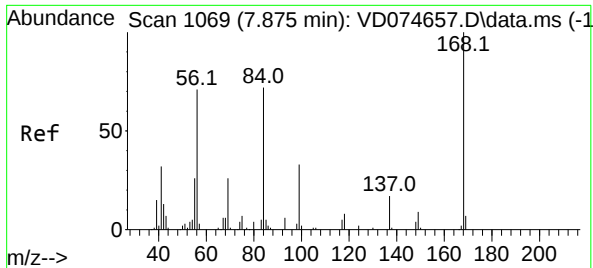
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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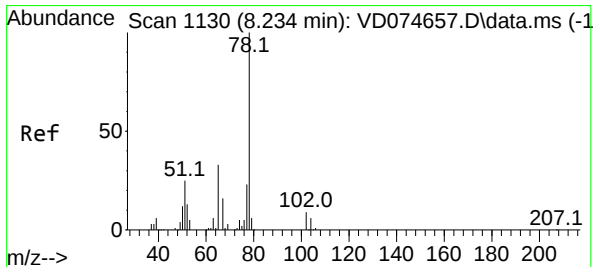
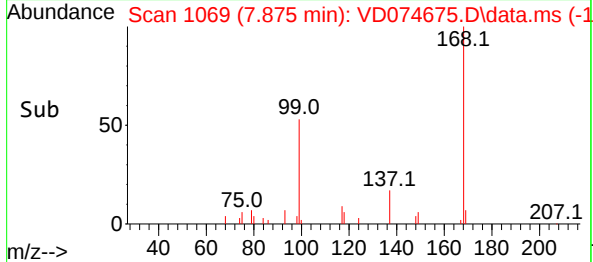
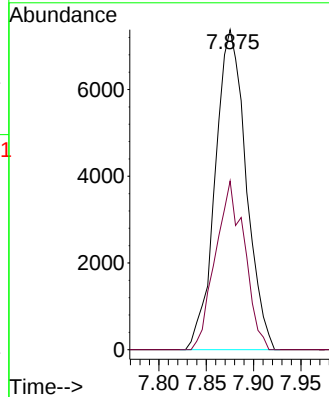
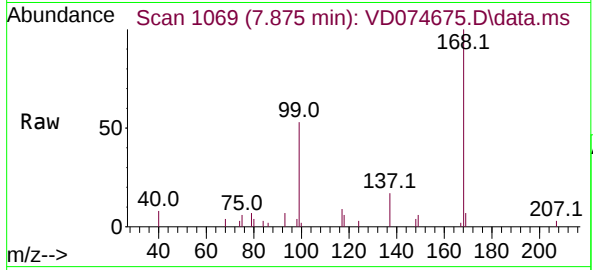




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074675.D
Acq: 28 Oct 2022 16:52

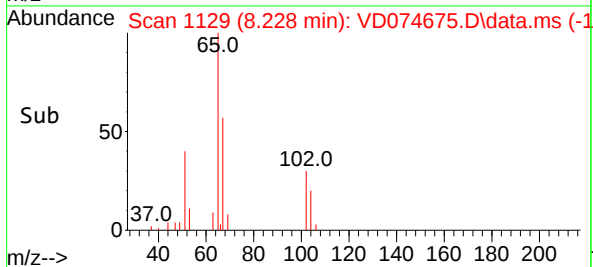
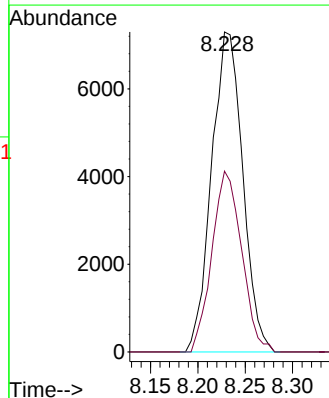
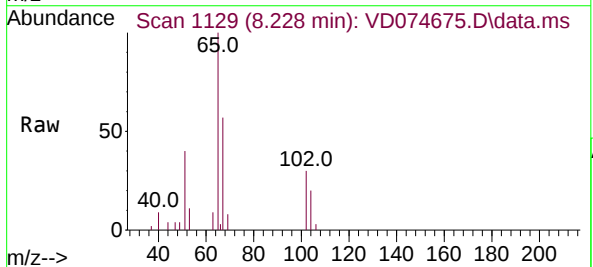
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

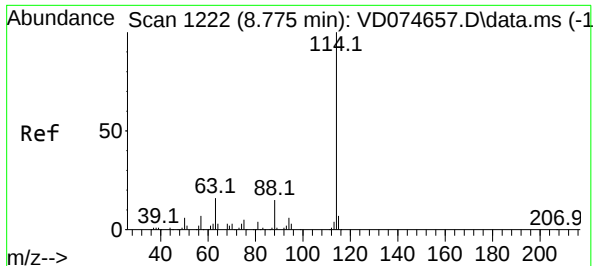
Tgt Ion:168 Resp: 16734
Ion Ratio Lower Upper
168 100
99 52.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 118.084 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074675.D
Acq: 28 Oct 2022 16:52

Tgt Ion: 65 Resp: 16678
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074675.D

Acq: 28 Oct 2022 16:52

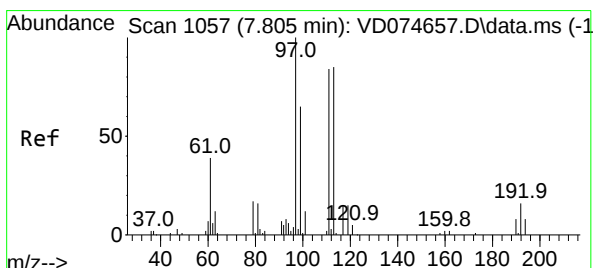
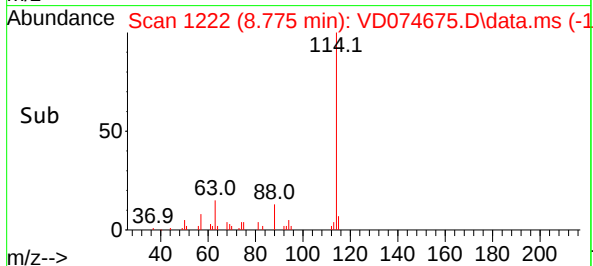
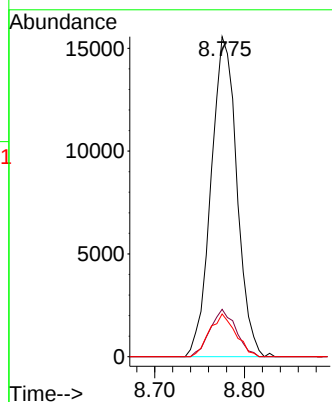
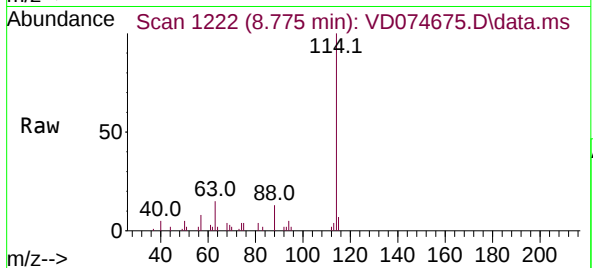
Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-3-SE-QUARTER

Tgt Ion:114	Resp:	31132
Ion	Ratio	Lower Upper
114	100	
63	14.8	0.0 33.2
88	13.4	0.0 28.2



#35

Dibromofluoromethane

Concen: 79.017 ug/l

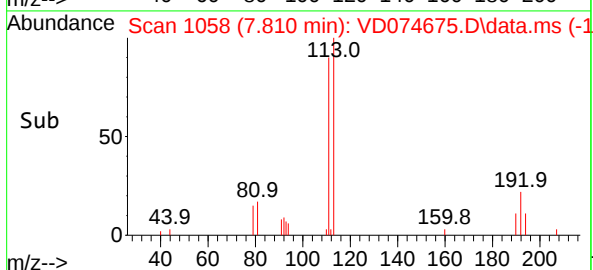
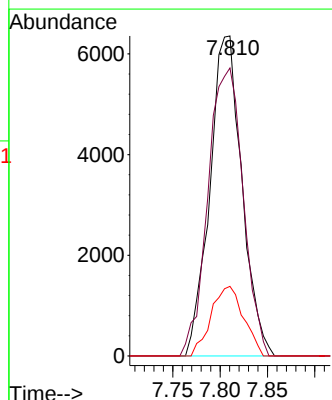
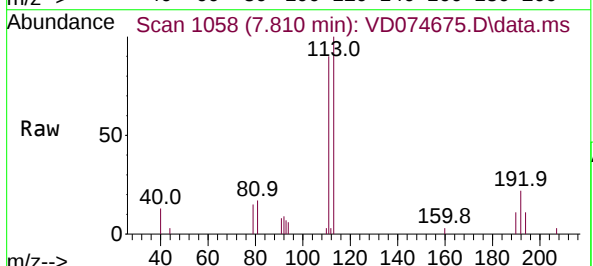
RT: 7.810 min Scan# 1058

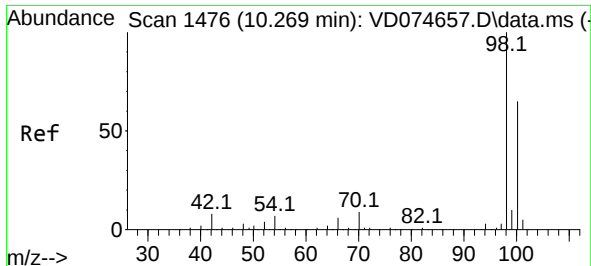
Delta R.T. 0.005 min

Lab File: VD074675.D

Acq: 28 Oct 2022 16:52

Tgt Ion:113	Resp:	15021
Ion	Ratio	Lower Upper
113	100	
111	98.1	82.3 123.5
192	22.0	16.4 24.6

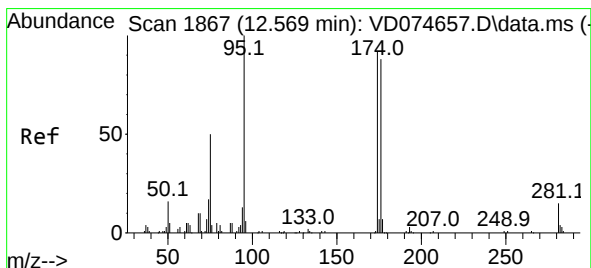
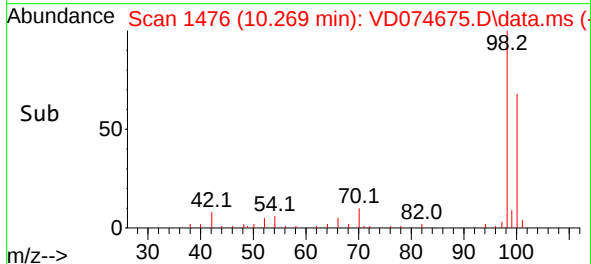
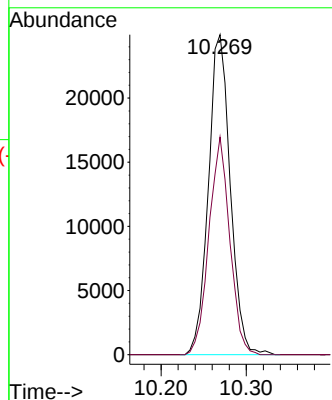
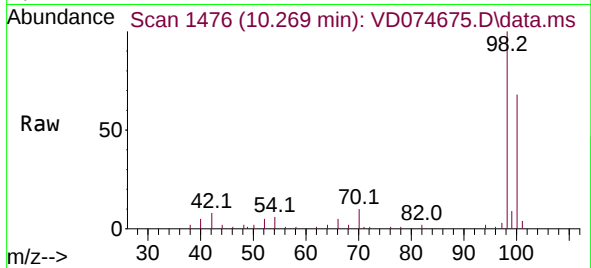




#50
Toluene-d8
Concen: 60.881 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074675.D
Acq: 28 Oct 2022 16:52

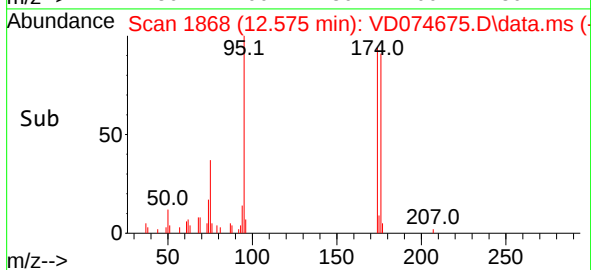
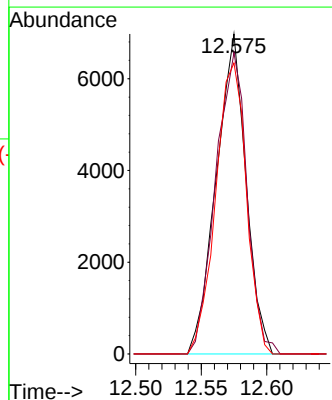
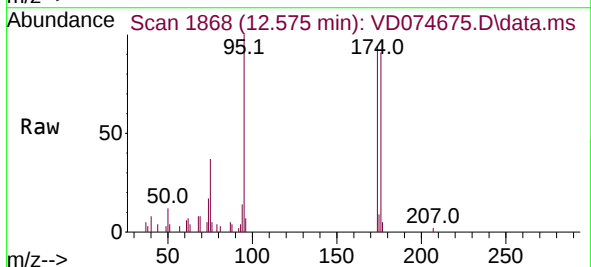
Instrument :
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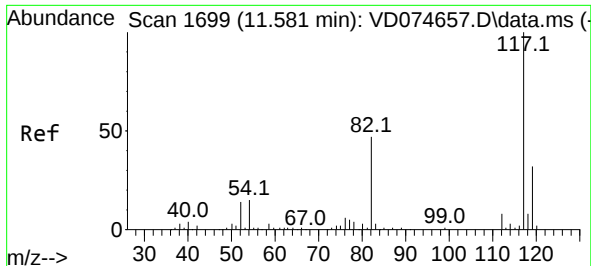
Tgt Ion: 98 Resp: 44508
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 54.852 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074675.D
Acq: 28 Oct 2022 16:52

Tgt Ion: 95 Resp: 11013
Ion Ratio Lower Upper
95 100
174 98.9 0.0 197.0
176 93.7 0.0 182.6

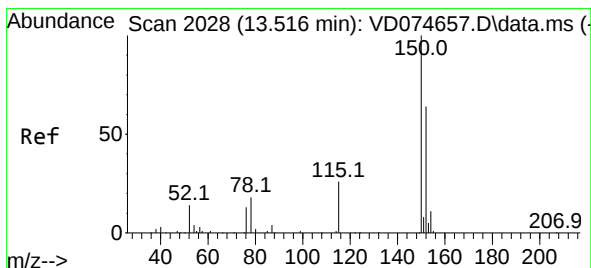
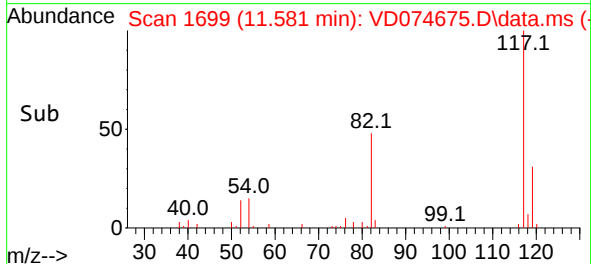
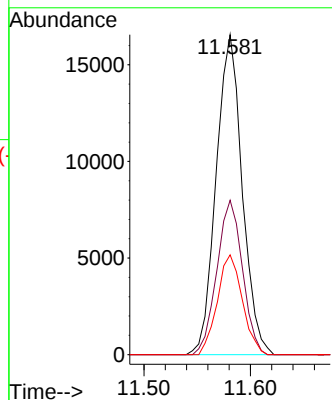
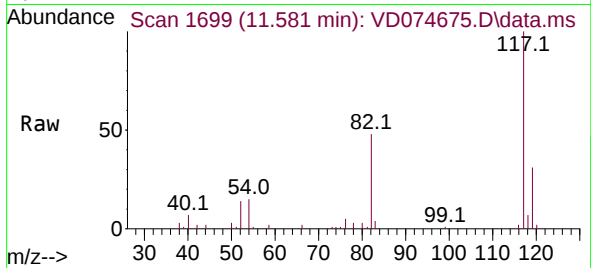




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074675.D
Acq: 28 Oct 2022 16:52

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-3-SE-QUARTER

Tgt Ion:117	Resp:	28086
Ion	Ratio	Lower Upper
117	100	
82	48.2	41.6 62.4
119	31.2	25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074675.D
Acq: 28 Oct 2022 16:52

Tgt Ion:152	Resp:	10509
Ion	Ratio	Lower Upper
152	100	
115	53.8	26.8 80.4
150	165.5	0.0 348.2

