

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074956.D
 Acq On : 16 Nov 2022 18:37
 Operator : VA/SY
 Sample : N5642-11
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-31

Quant Time: Nov 17 00:22:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

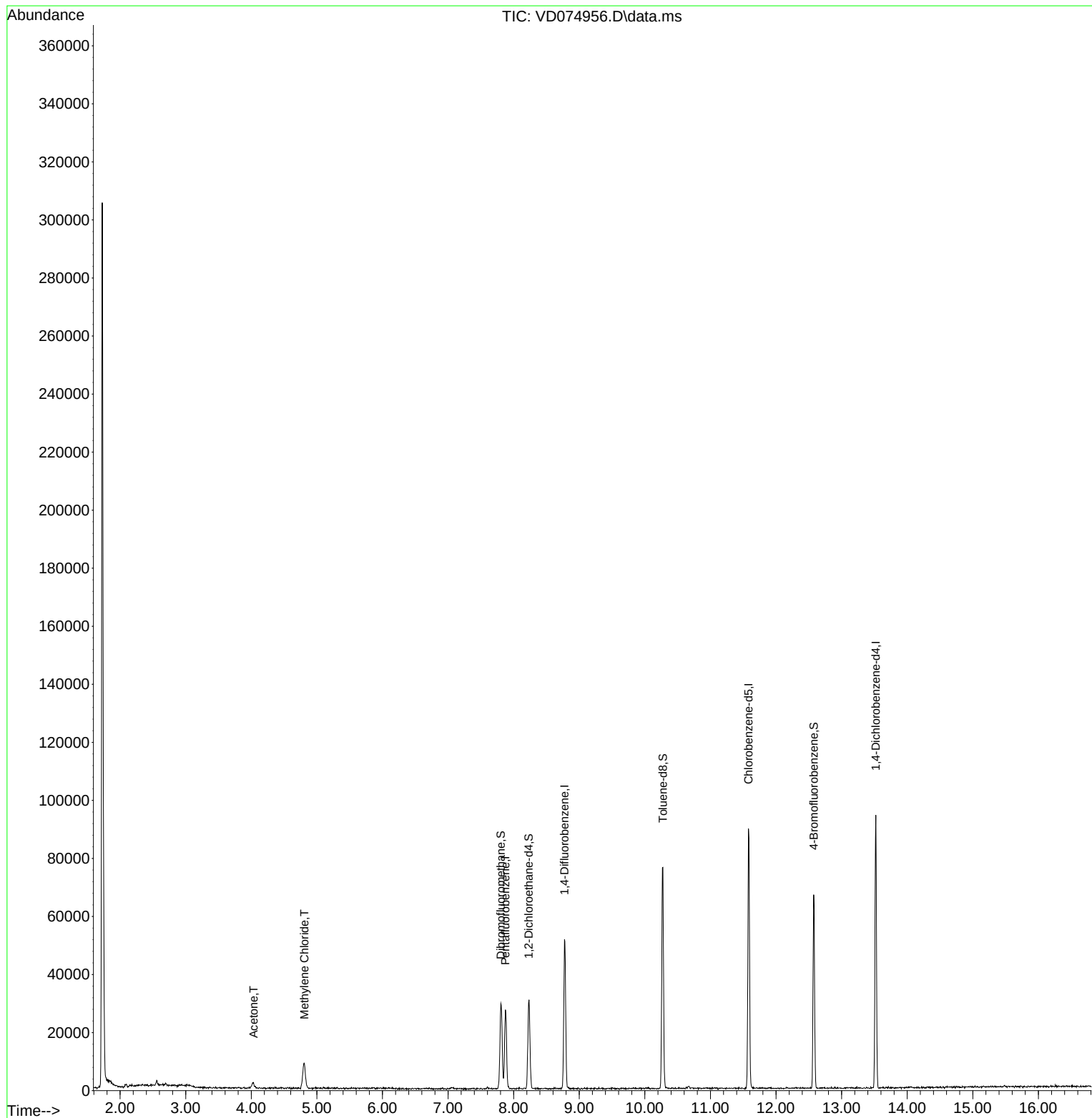
Internal Standards						
1) Pentafluorobenzene	7.875	168	22919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	51076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	58418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	27792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24130	173.028	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 346.060%#	
35) Dibromofluoromethane	7.804	113	22334	70.936	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.880%	
50) Toluene-d8	10.275	98	58745	56.642	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.280%	
62) 4-Bromofluorobenzene	12.575	95	20730	65.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 130.180%	
Target Compounds						
16) Acetone	4.034	43	3753	99.193	ug/l #	83
20) Methylene Chloride	4.811	84	8082	16.200	ug/l #	91

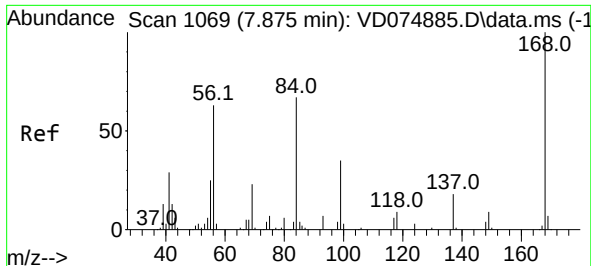
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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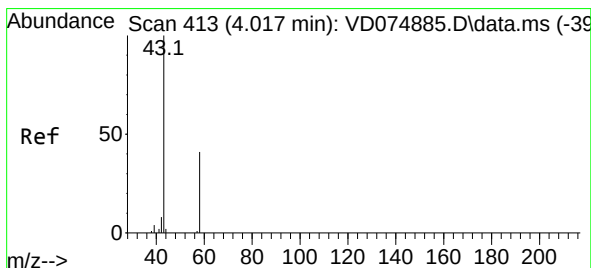
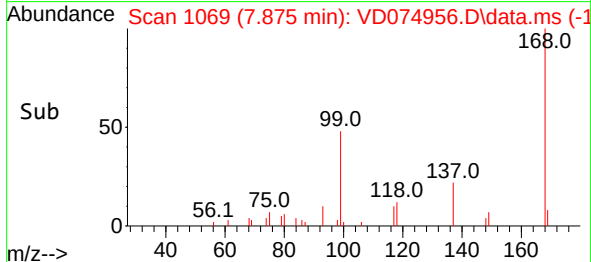
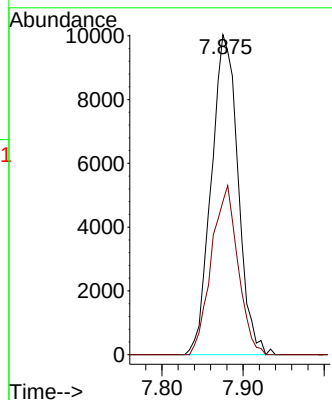
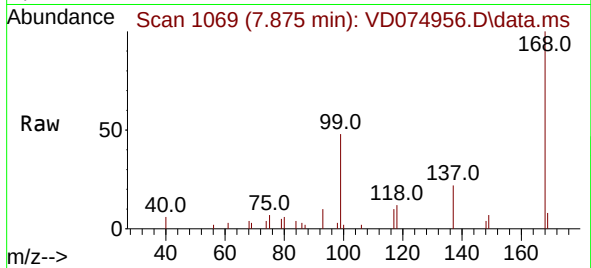




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074956.D
Acq: 16 Nov 2022 18:37

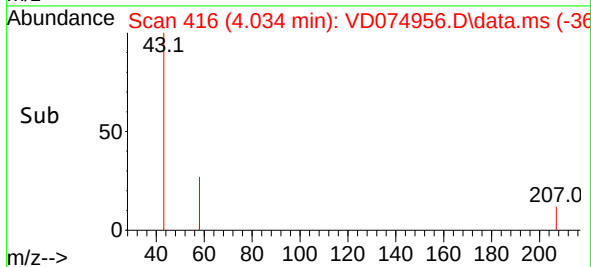
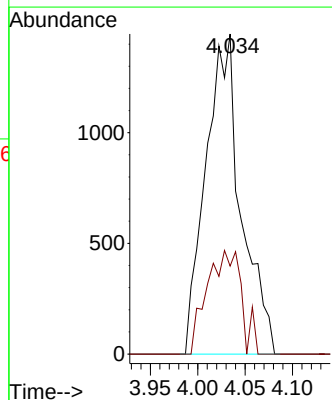
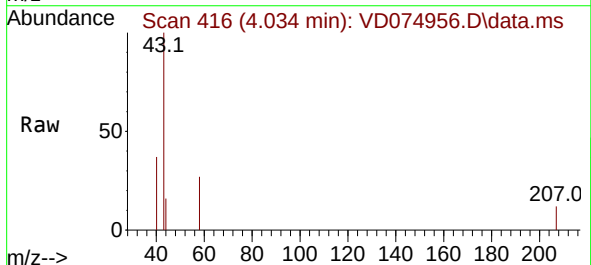
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-31

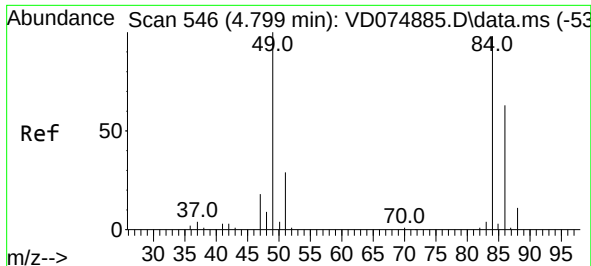
Tgt Ion:168 Resp: 22919
Ion Ratio Lower Upper
168 100
99 47.9 40.9 61.3



#16
Acetone
Concen: 99.193 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD074956.D
Acq: 16 Nov 2022 18:37

Tgt Ion: 43 Resp: 3753
Ion Ratio Lower Upper
43 100
58 27.5 30.2 45.2#





#20

Methylene Chloride

Concen: 16.200 ug/l

RT: 4.811 min Scan# 546

Delta R.T. 0.012 min

Lab File: VD074956.D

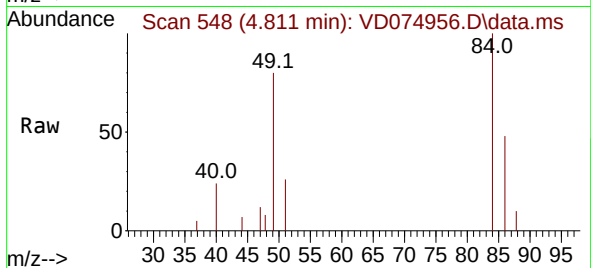
Acq: 16 Nov 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-31



Tgt Ion: 84 Resp: 8082

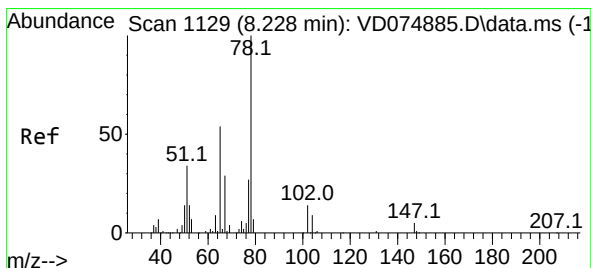
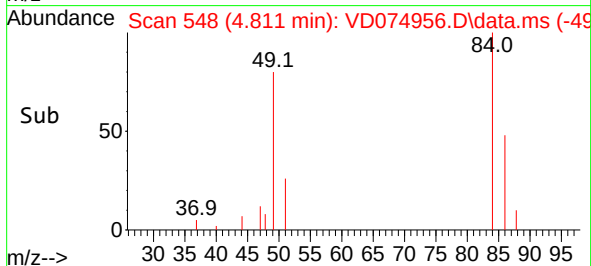
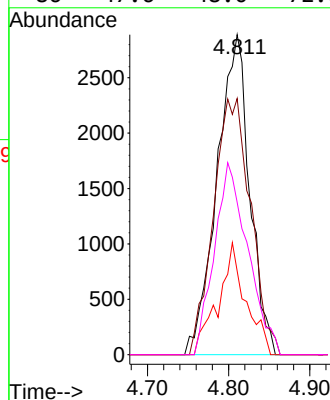
Ion Ratio Lower Upper

84 100

49 80.1 68.0 102.0

51 26.1 23.2 34.8

86 47.6 48.0 72.0#



#33

1,2-Dichloroethane-d4

Concen: 173.028 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074956.D

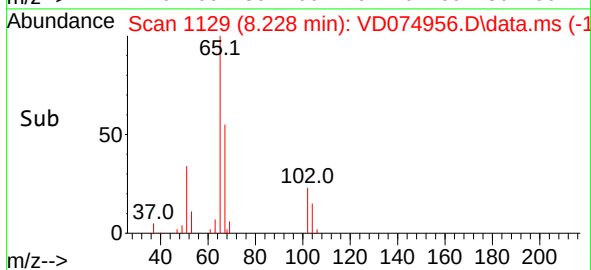
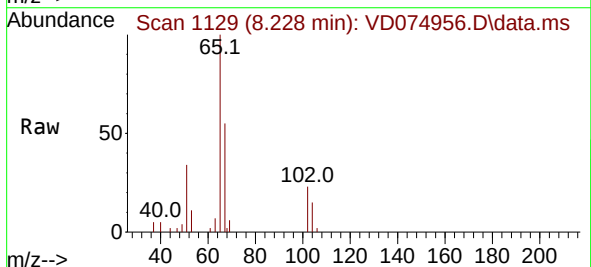
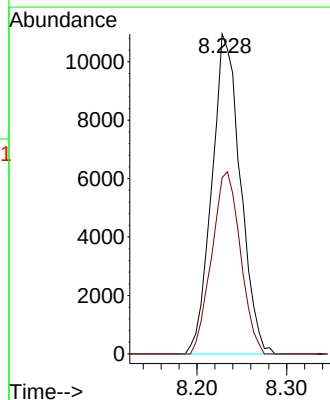
Acq: 16 Nov 2022 18:37

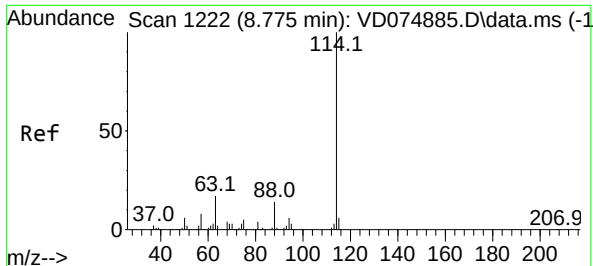
Tgt Ion: 65 Resp: 24130

Ion Ratio Lower Upper

65 100

67 57.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074956.D

Acq: 16 Nov 2022 18:37

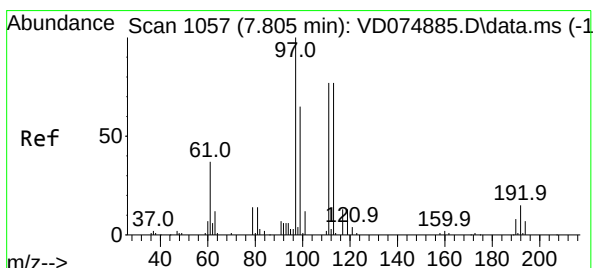
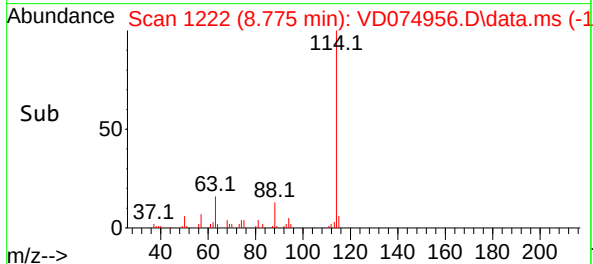
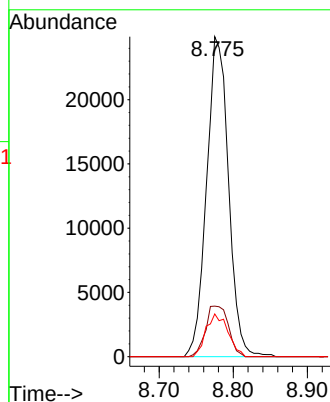
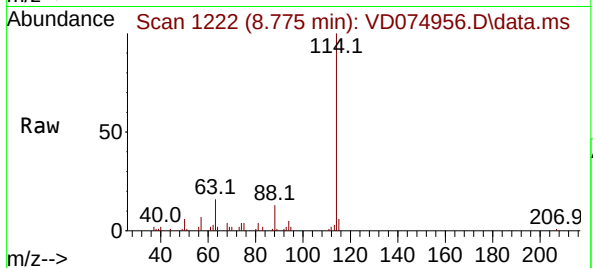
Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-31

Tgt Ion:	114	Resp:	51076
Ion	Ratio	Lower	Upper
114	100		
63	15.8	0.0	33.2
88	13.4	0.0	28.2



#35

Dibromofluoromethane

Concen: 70.936 ug/l

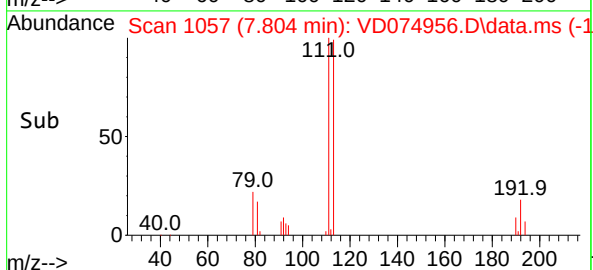
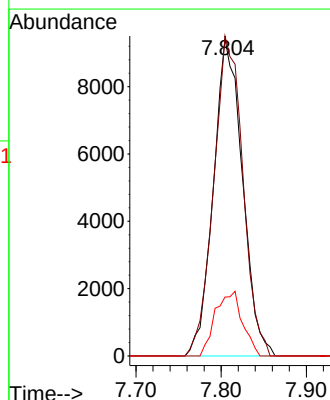
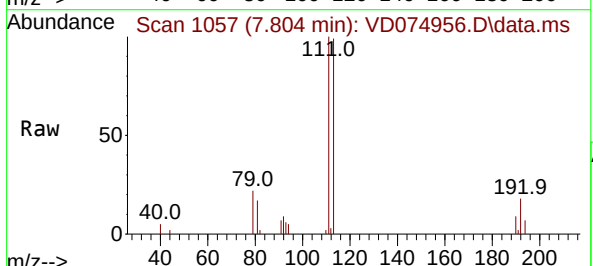
RT: 7.804 min Scan# 1057

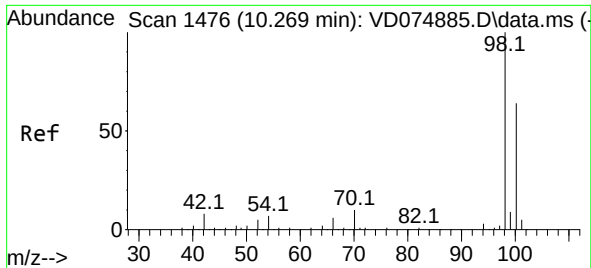
Delta R.T. -0.001 min

Lab File: VD074956.D

Acq: 16 Nov 2022 18:37

Tgt Ion:	113	Resp:	22334
Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.3	123.5
192	18.9	16.4	24.6

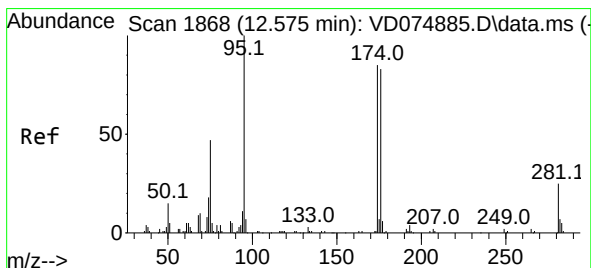
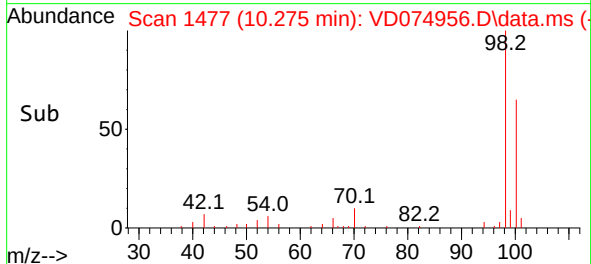
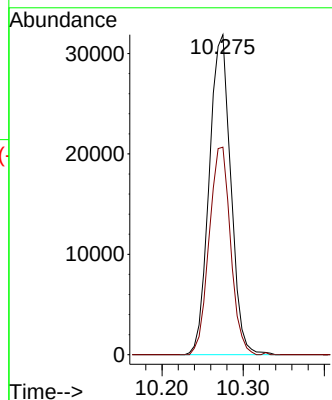
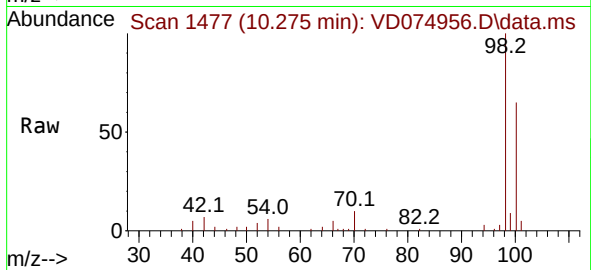




#50
Toluene-d8
Concen: 56.642 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074956.D
Acq: 16 Nov 2022 18:37

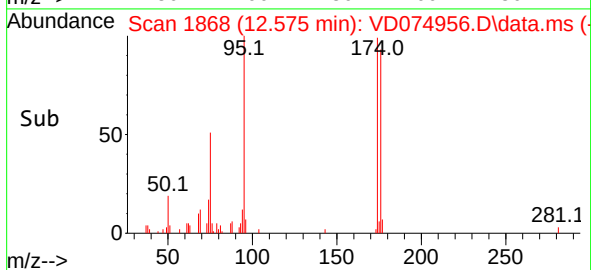
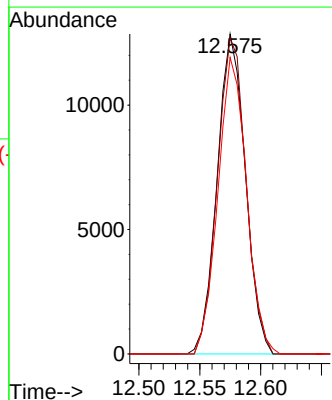
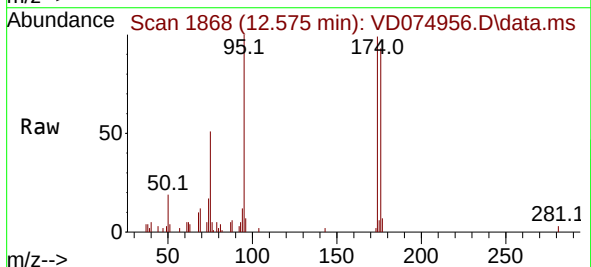
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LEFT-SIDE-FLATS-31

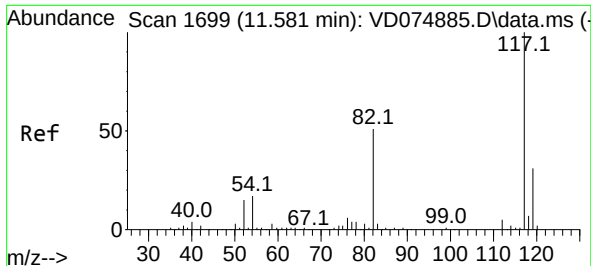
Tgt Ion: 98 Resp: 58745
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 65.093 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074956.D
Acq: 16 Nov 2022 18:37

Tgt Ion: 95 Resp: 20730
Ion Ratio Lower Upper
95 100
174 99.9 0.0 197.0
176 94.0 0.0 182.6

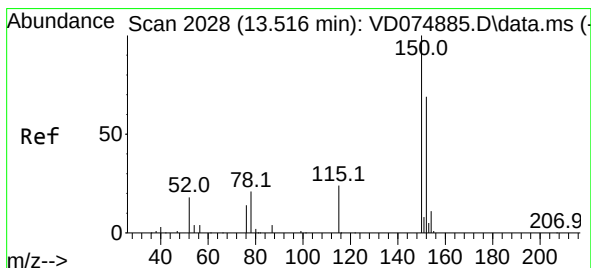
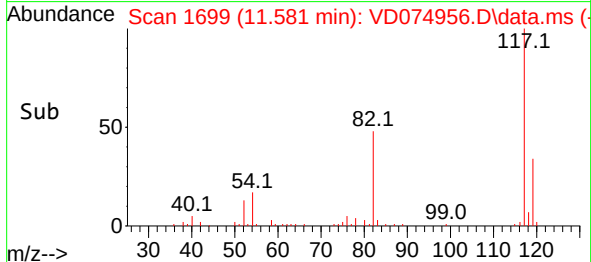
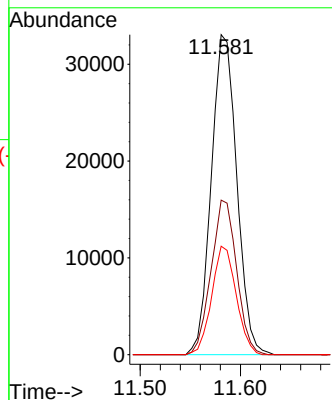
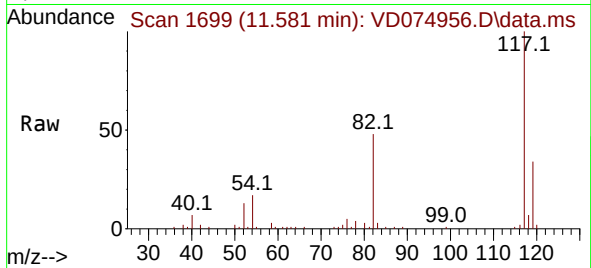




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074956.D
Acq: 16 Nov 2022 18:37

Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-31

Tgt Ion:117 Resp: 58418
Ion Ratio Lower Upper
117 100
82 48.3 41.6 62.4
119 33.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074956.D
Acq: 16 Nov 2022 18:37

Tgt Ion:152 Resp: 27792
Ion Ratio Lower Upper
152 100
115 53.8 26.8 80.4
150 155.9 0.0 348.2

