

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074351.D
 Acq On : 19 Sep 2022 17:31
 Operator : VA/SY
 Sample : N4655-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-091522

Quant Time: Sep 19 23:02:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

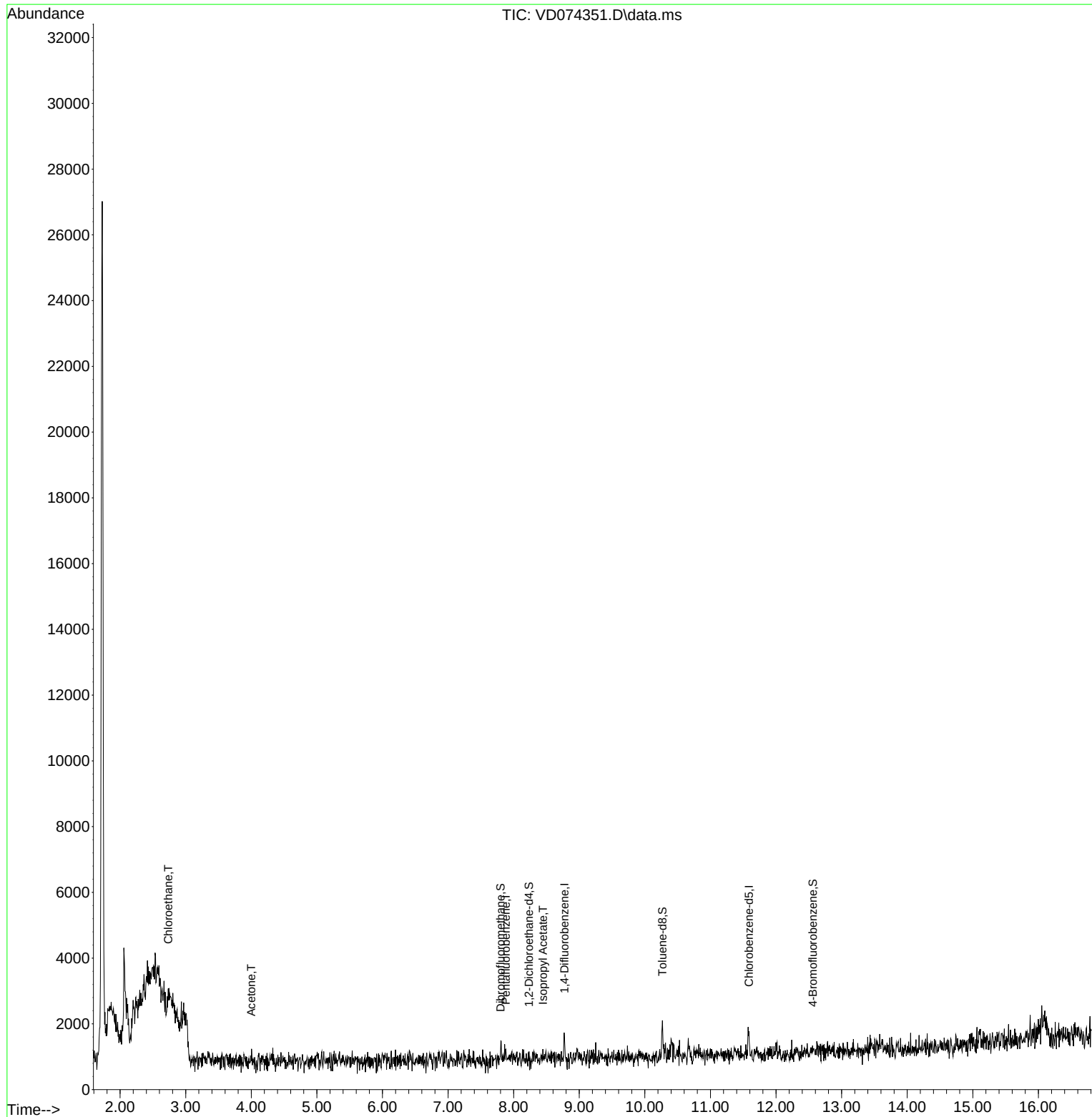
Internal Standards						
1) Pentafluorobenzene	7.881	168	450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	814	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.51
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73	16.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	33.300%#
35) Dibromofluoromethane	7.799	113	136	27.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.440%
50) Toluene-d8	10.269	98	748	44.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.360%
62) 4-Bromofluorobenzene	12.563	95	128	18.735	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	37.460%
Target Compounds						
					Qvalue	
6) Chloroethane	2.734	64	1641	721.918	ug/l #	44
16) Acetone	3.999	43	125	126.586	ug/l #	42
43) Isopropyl Acetate	8.446	43	61	11.019	ug/l #	51

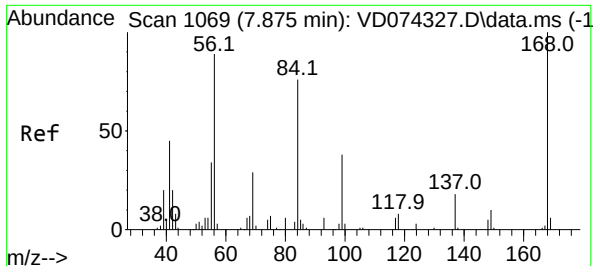
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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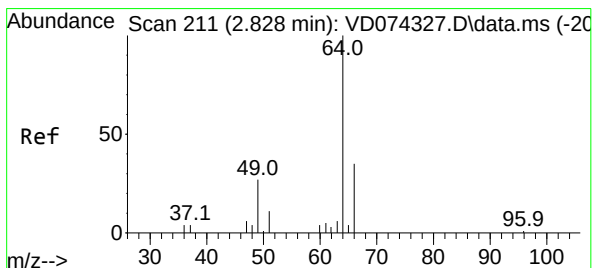
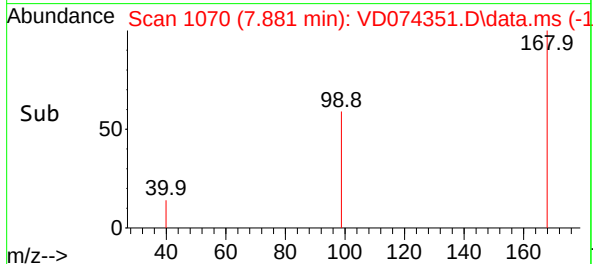
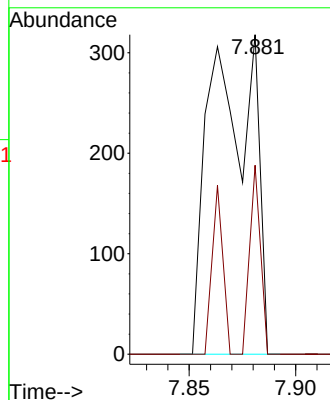
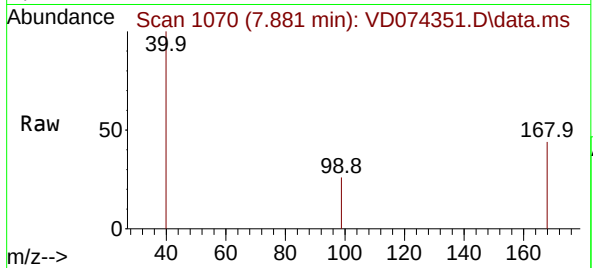




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

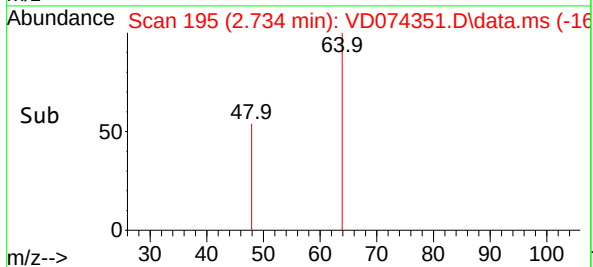
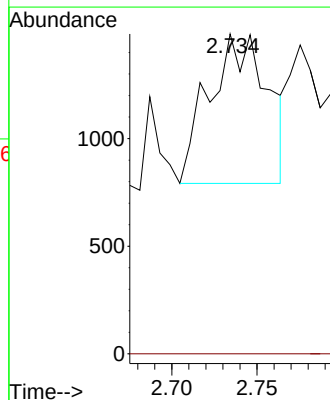
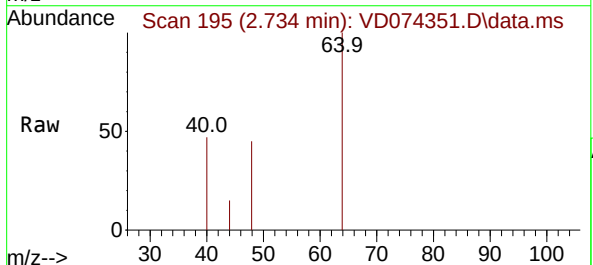
Instrument :
MSVOA_D
ClientSampleId :
SU-3-091522

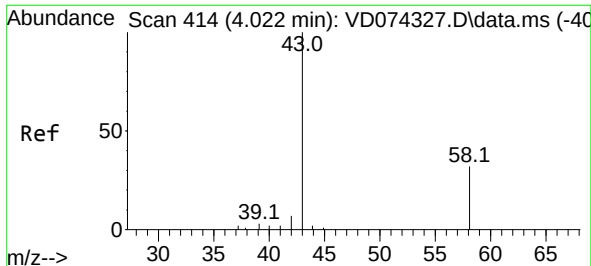
Tgt Ion:168 Resp: 450
Ion Ratio Lower Upper
168 100
99 59.1 43.0 64.6



#6
Chloroethane
Concen: 721.918 ug/l
RT: 2.734 min Scan# 195
Delta R.T. -0.094 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

Tgt Ion: 64 Resp: 1641
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

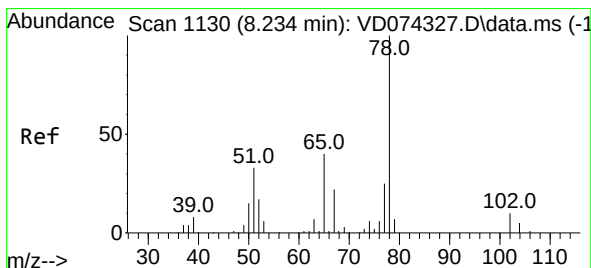
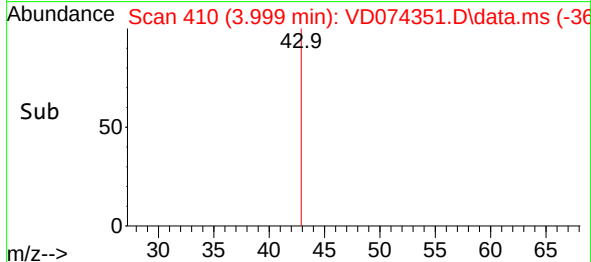
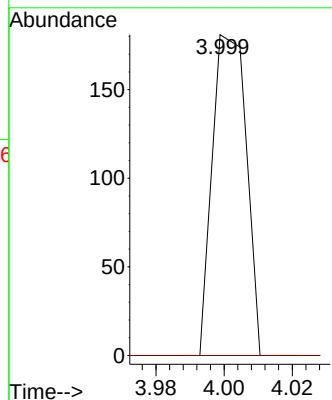
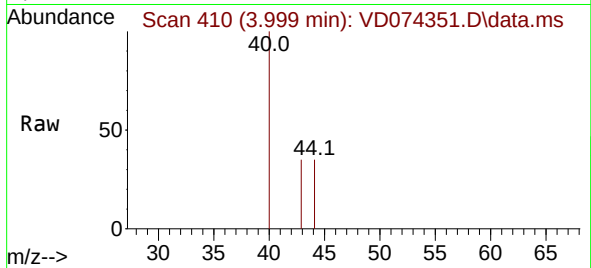




#16
Acetone
Concen: 126.586 ug/l
RT: 3.999 min Scan# 41
Delta R.T. -0.023 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

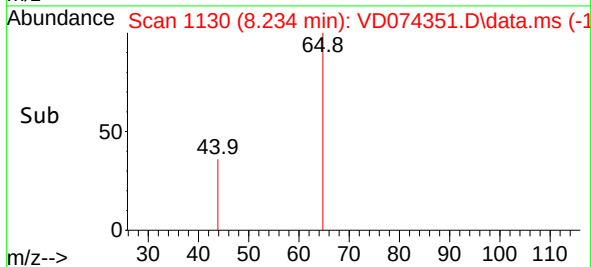
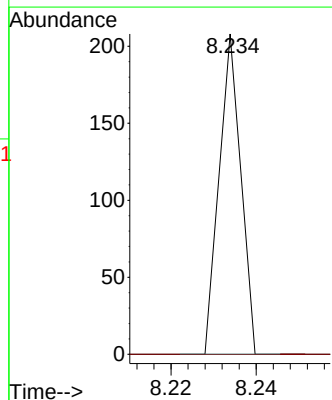
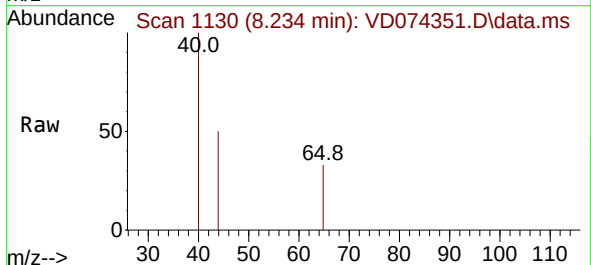
Instrument :
MSVOA_D
ClientSampleId :
SU-3-091522

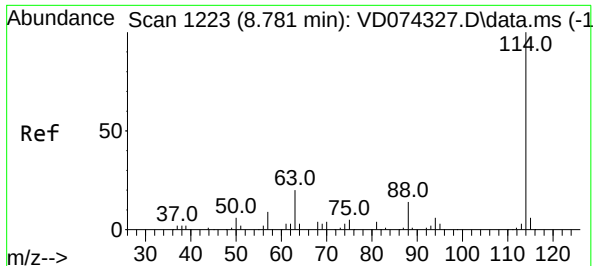
Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



#33
1,2-Dichloroethane-d4
Concen: 16.655 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

Tgt Ion: 65 Resp: 73
Ion Ratio Lower Upper
65 100
67 0.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074351.D

Acq: 19 Sep 2022 17:31

Instrument :

MSVOA_D

ClientSampleId :

SU-3-091522

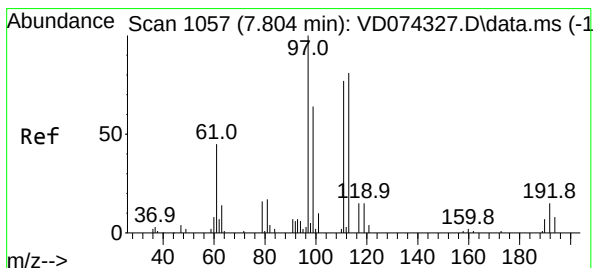
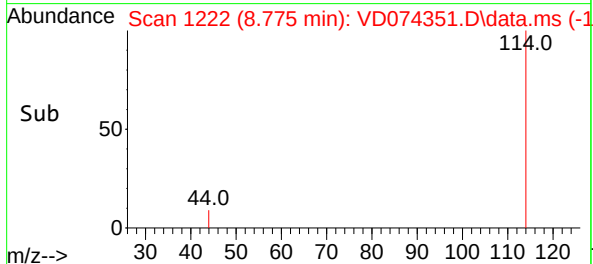
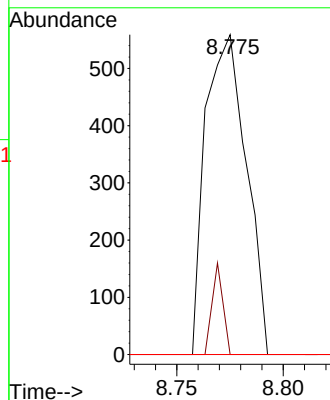
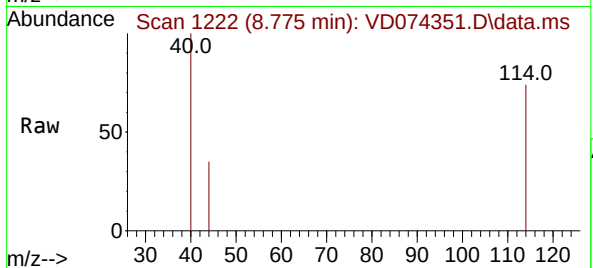
Tgt Ion:114 Resp: 745

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.6

88 0.0 0.0 28.4



#35

Dibromofluoromethane

Concen: 27.718 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VD074351.D

Acq: 19 Sep 2022 17:31

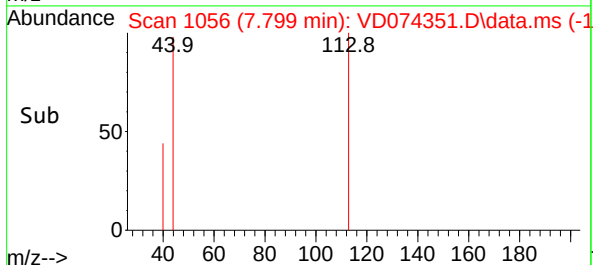
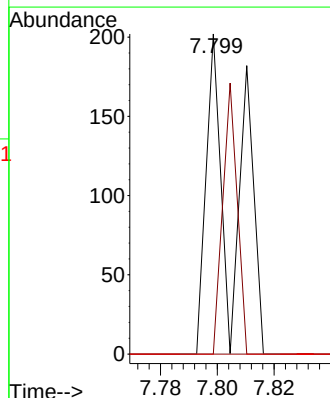
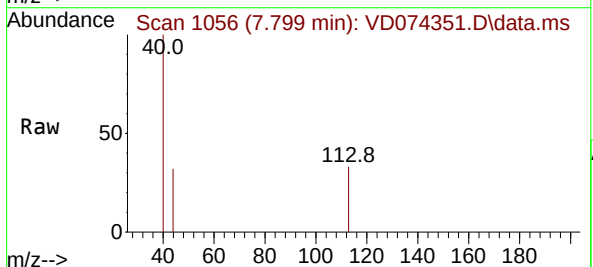
Tgt Ion:113 Resp: 136

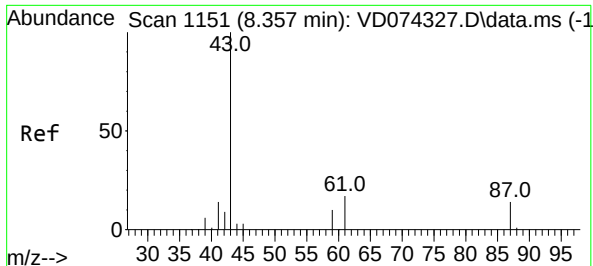
Ion Ratio Lower Upper

113 100

111 44.1 83.0 124.6#

192 0.0 16.2 24.2#





#43

Isopropyl Acetate

Concen: 11.019 ug/l

RT: 8.446 min Scan# 1151

Delta R.T. 0.089 min

Lab File: VD074351.D

Acq: 19 Sep 2022 17:31

Instrument :

MSVOA_D

ClientSampleId :

SU-3-091522

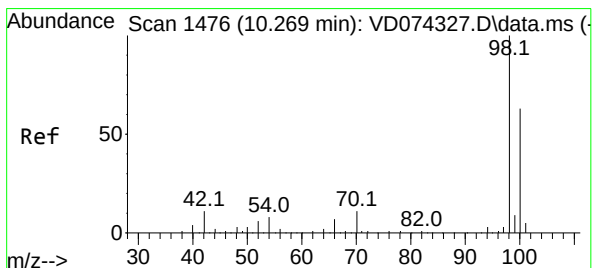
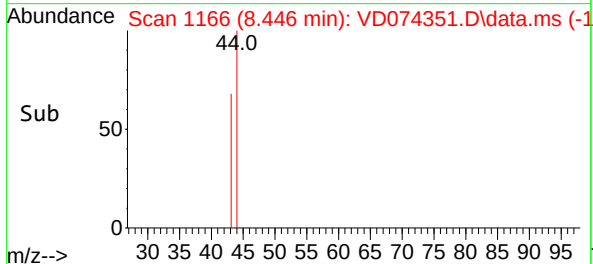
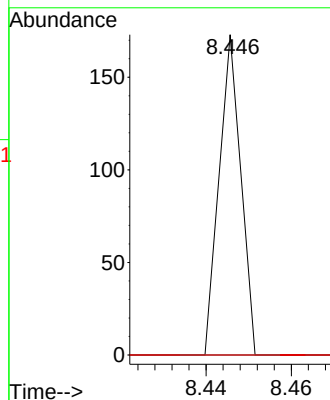
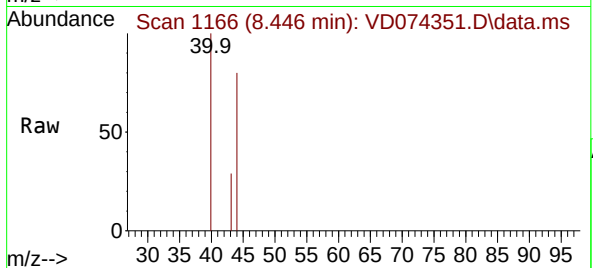
Tgt Ion: 43 Resp: 61

Ion Ratio Lower Upper

43 100

61 0.0 24.5 36.7#

87 0.0 10.8 16.2#



#50

Toluene-d8

Concen: 44.181 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074351.D

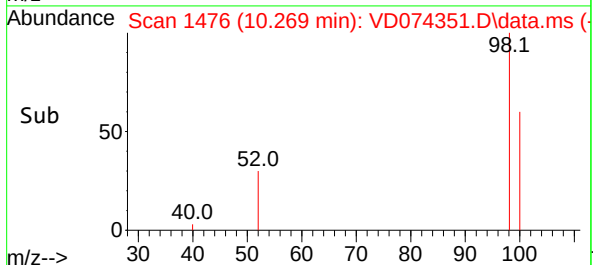
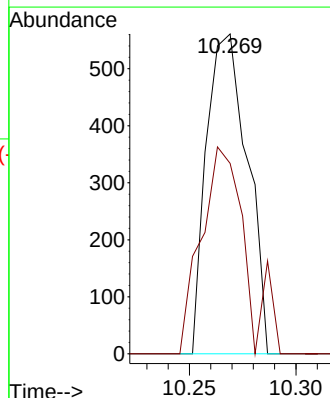
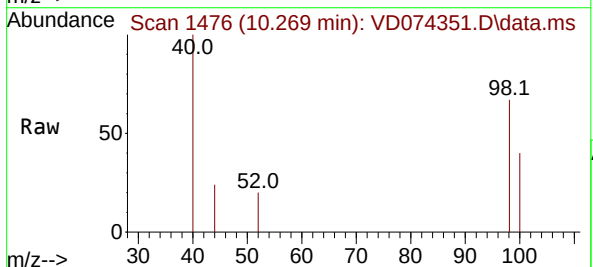
Acq: 19 Sep 2022 17:31

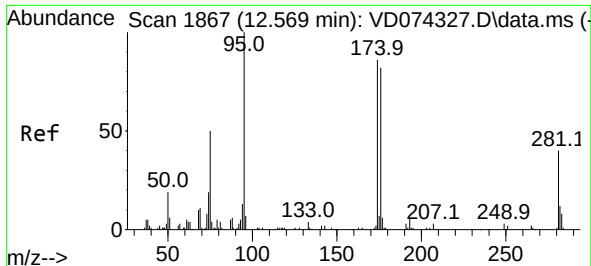
Tgt Ion: 98 Resp: 748

Ion Ratio Lower Upper

98 100

100 70.1 51.8 77.8

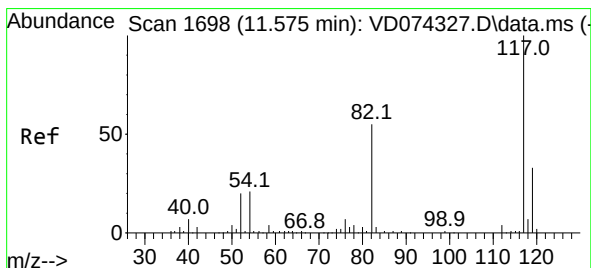
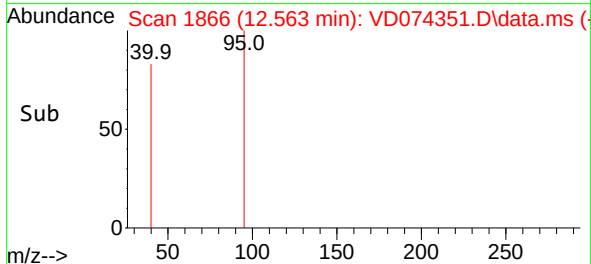
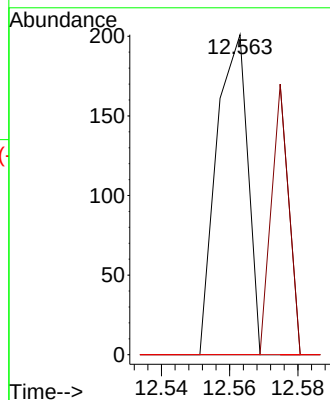
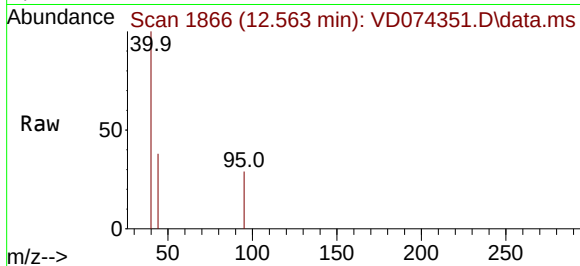




#62
4-Bromofluorobenzene
Concen: 18.735 ug/l
RT: 12.563 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

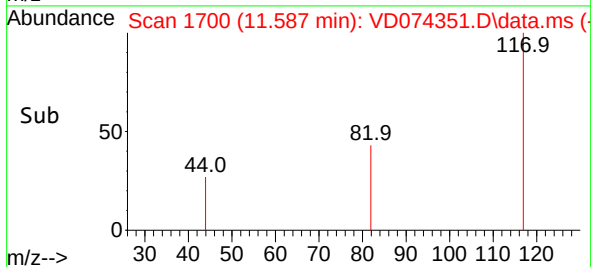
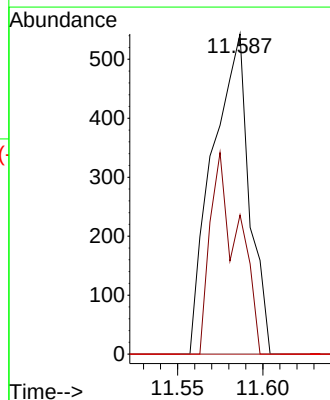
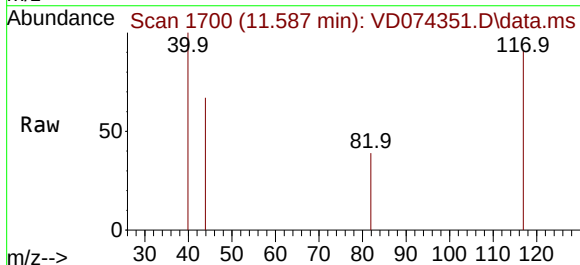
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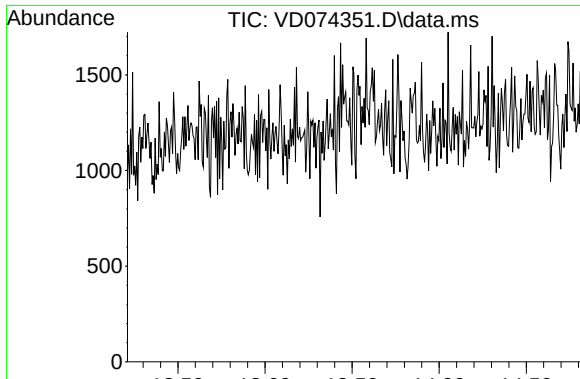
Tgt Ion: 95 Resp: 128
Ion Ratio Lower Upper
95 100
174 46.9 0.0 179.2
176 0.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.012 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

Tgt Ion: 117 Resp: 814
Ion Ratio Lower Upper
117 100
82 43.5 44.2 66.2#
119 0.0 25.4 38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.51 min
Lab File: VD074351.D
Acq: 19 Sep 2022 17:31

Instrument :
MSVOA_D
ClientSampleId :
SU-3-091522

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.8
150 175.5

