

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072784.D
 Acq On : 04 May 2022 13:04
 Operator : VA/SY
 Sample : N2641-04
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Quant Time: May 05 01:36:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

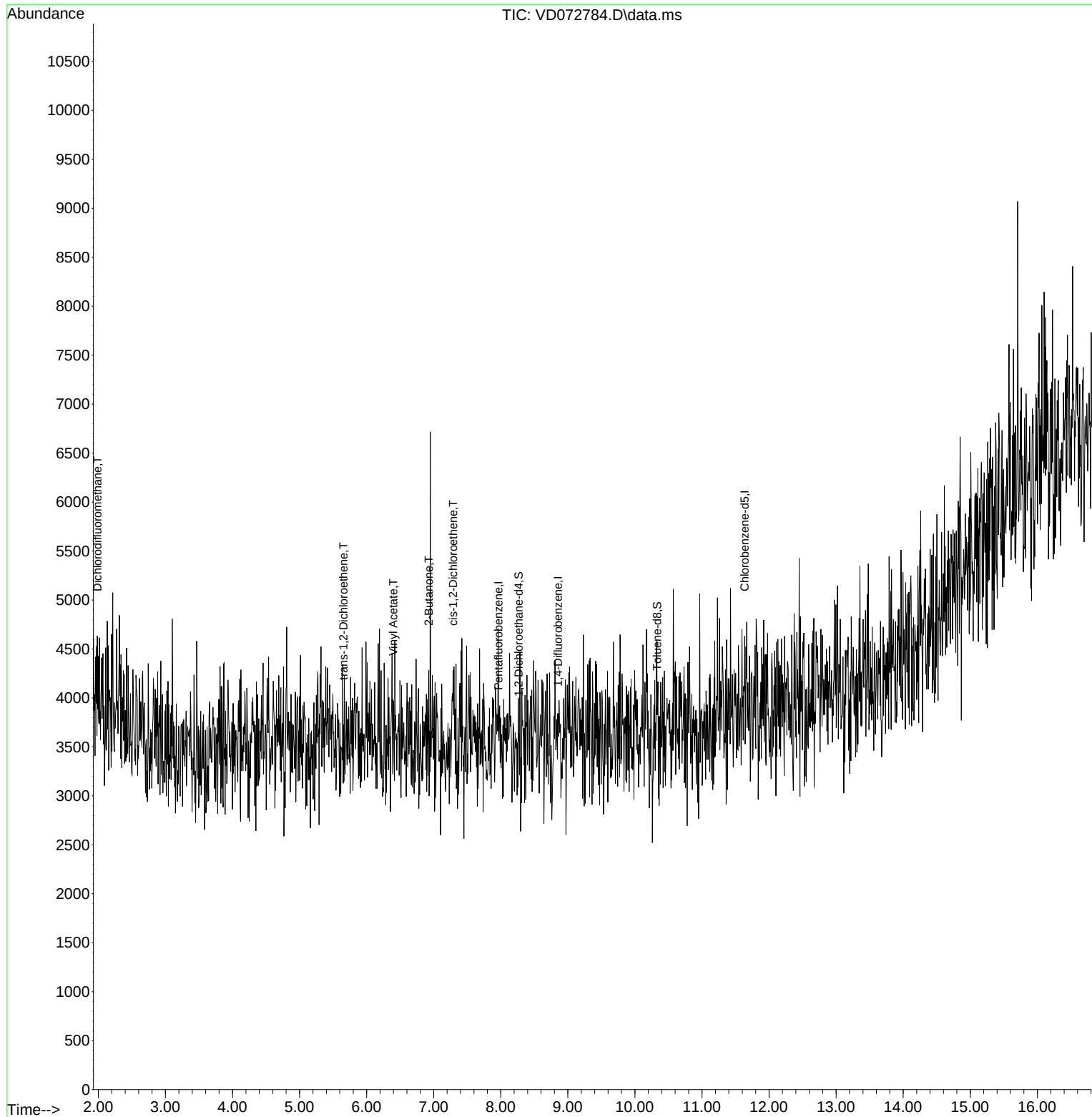
Internal Standards						
1) Pentafluorobenzene	7.967	168	255	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.855	114	437	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	254	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.267	65	63	19.033	ug/l	-0.06
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.060%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.332	98	347	31.519	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	63.040%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	62	17.595	ug/l #	43
21) trans-1,2-Dichloroethene	5.656	96	76	21.552	ug/l #	1
23) Vinyl Acetate	6.397	43	80	13.261	ug/l #	75
25) 2-Butanone	6.926	43	200	207.370	ug/l #	52
27) cis-1,2-Dichloroethene	7.291	96	59	14.608	ug/l #	1

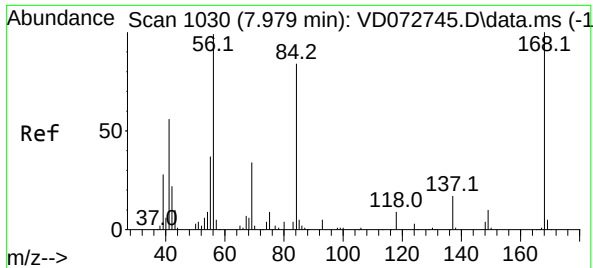
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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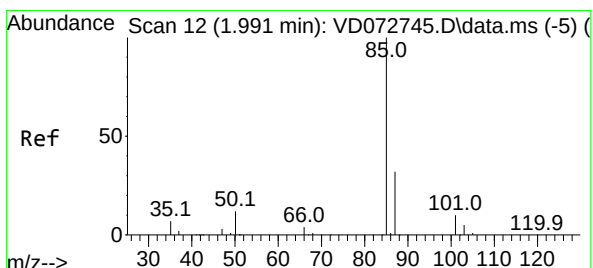
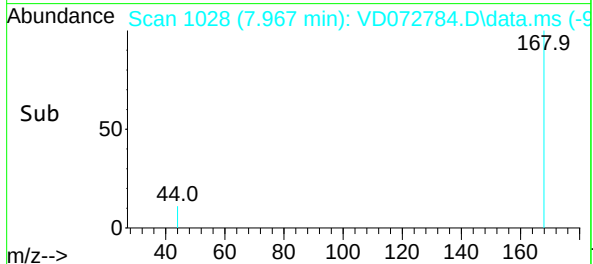
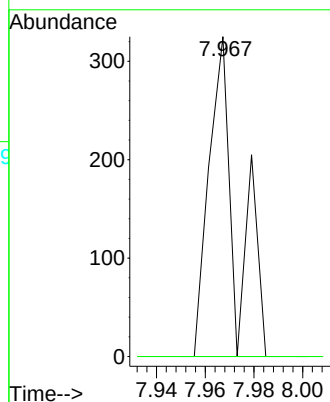
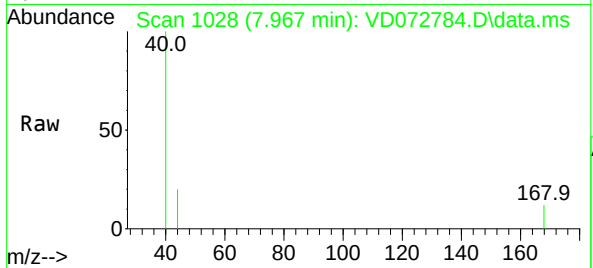




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 10
Delta R.T. -0.012 min
Lab File: VD072784.D
Acq: 04 May 2022 13:04

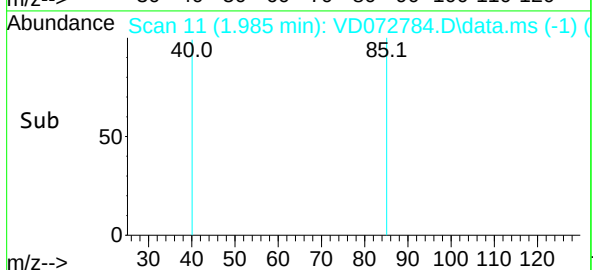
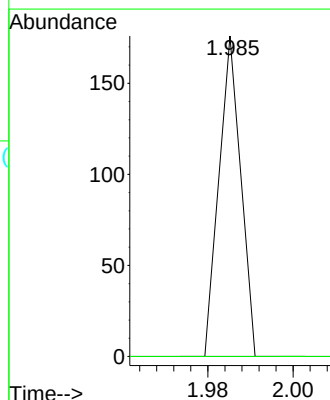
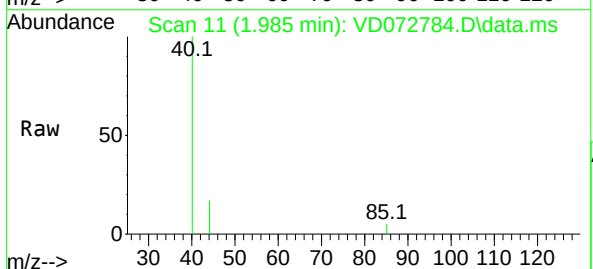
Instrument :
MSVOA_D
ClientSampleId :
TP-24

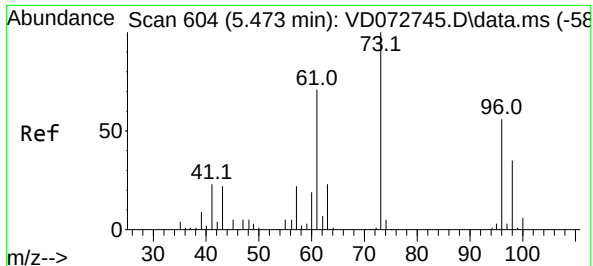
Tgt Ion:168 Resp: 255
Ion Ratio Lower Upper
168 100
99 0.0 49.8 74.6#



#2
Dichlorodifluoromethane
Concen: 17.595 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072784.D
Acq: 04 May 2022 13:04

Tgt Ion: 85 Resp: 62
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#





#21

trans-1,2-Dichloroethene

Concen: 21.552 ug/l

RT: 5.656 min Scan# 61

Delta R.T. 0.183 min

Lab File: VD072784.D

Acq: 04 May 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

TP-24

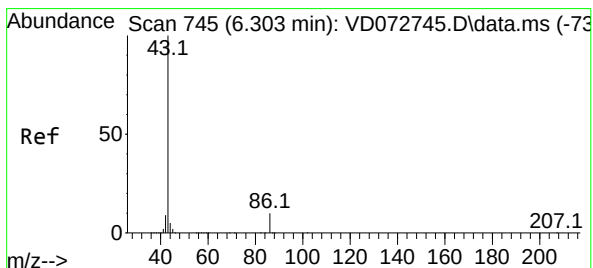
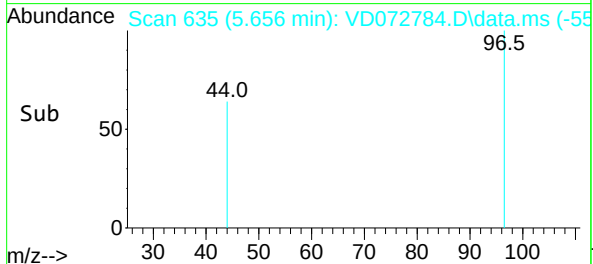
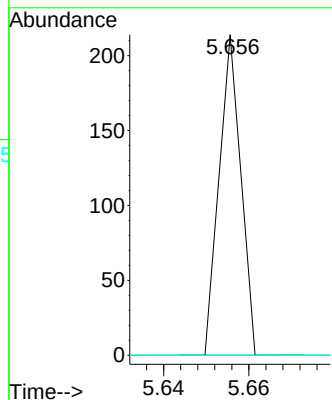
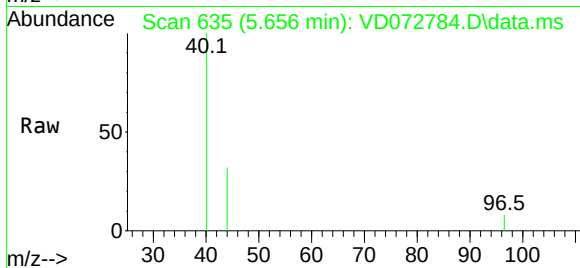
Tgt Ion: 96 Resp: 76

Ion Ratio Lower Upper

96 100

61 0.0 117.9 176.9#

98 0.0 49.4 74.2#



#23

Vinyl Acetate

Concen: 13.261 ug/l

RT: 6.397 min Scan# 761

Delta R.T. 0.094 min

Lab File: VD072784.D

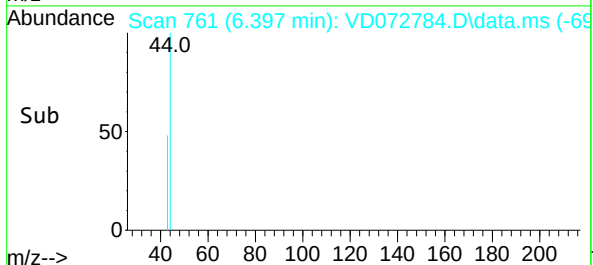
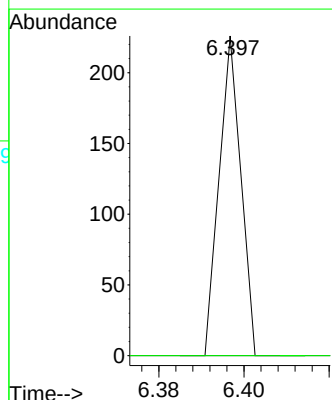
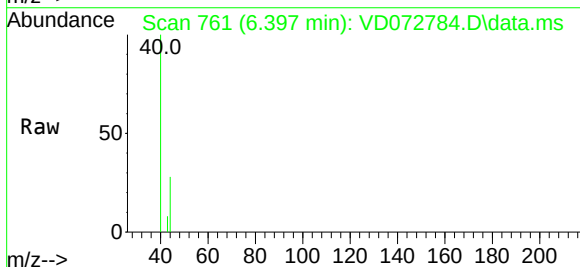
Acq: 04 May 2022 13:04

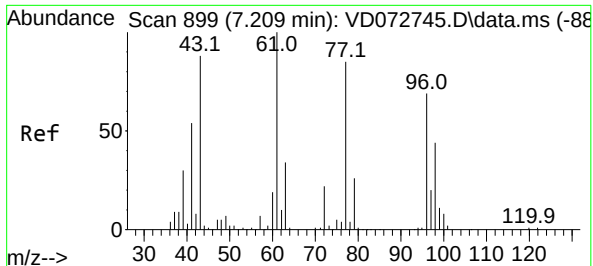
Tgt Ion: 43 Resp: 80

Ion Ratio Lower Upper

43 100

86 0.0 7.1 10.7#

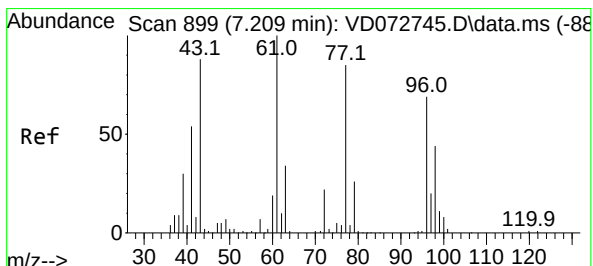
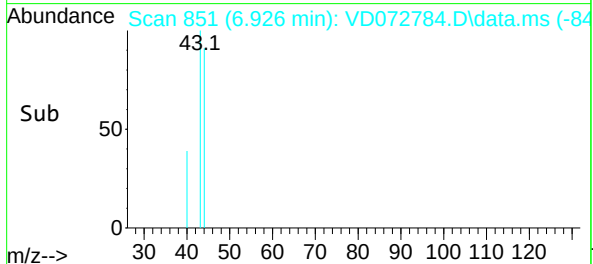
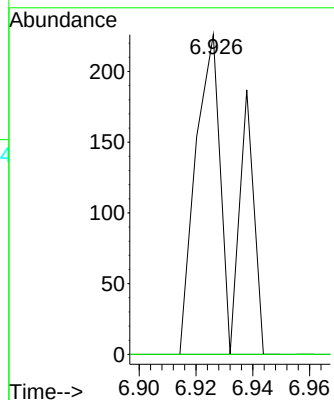
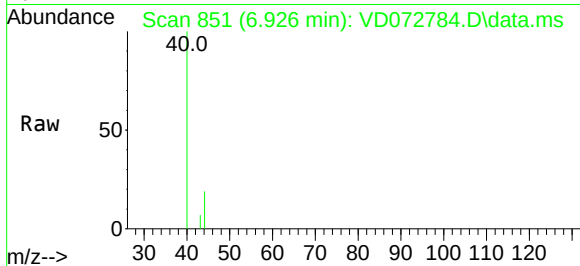




#25
2-Butanone
Concen: 207.370 ug/l
RT: 6.926 min Scan# 81
Delta R.T. -0.283 min
Lab File: VD072784.D
Acq: 04 May 2022 13:04

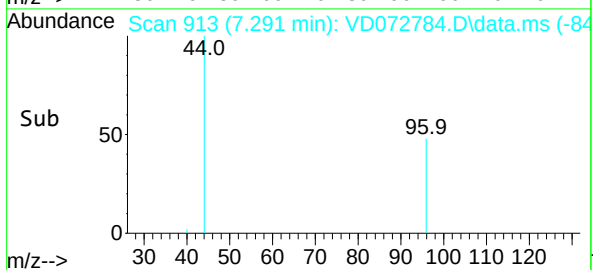
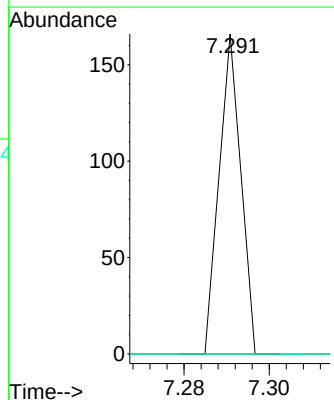
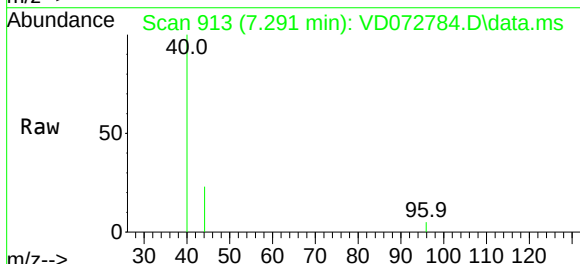
Instrument :
MSVOA_D
ClientSampleId :
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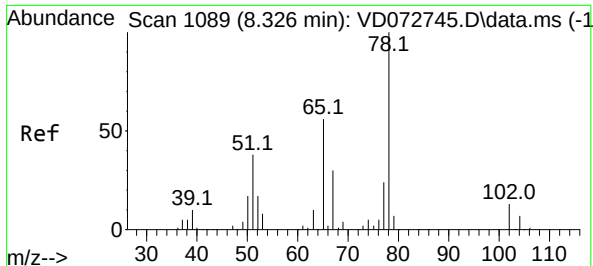
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#27
cis-1,2-Dichloroethene
Concen: 14.608 ug/l
RT: 7.291 min Scan# 913
Delta R.T. 0.082 min
Lab File: VD072784.D
Acq: 04 May 2022 13:04

Tgt Ion: 96 Resp: 59
Ion Ratio Lower Upper
96 100
61 0.0 0.0 313.8
98 0.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 19.033 ug/l

RT: 8.267 min Scan# 1107

Delta R.T. -0.059 min

Lab File: VD072784.D

Acq: 04 May 2022 13:04

Instrument :

MSVOA_D

ClientSampleId :

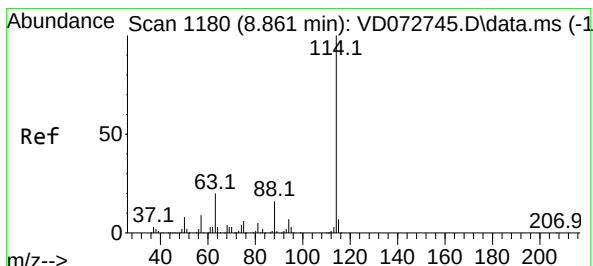
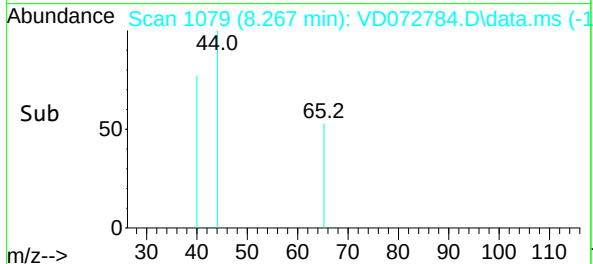
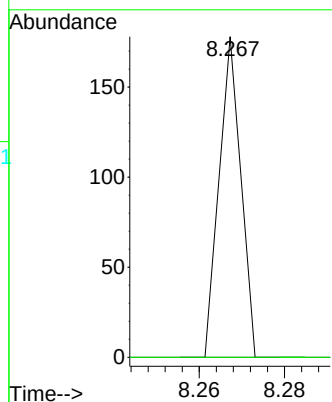
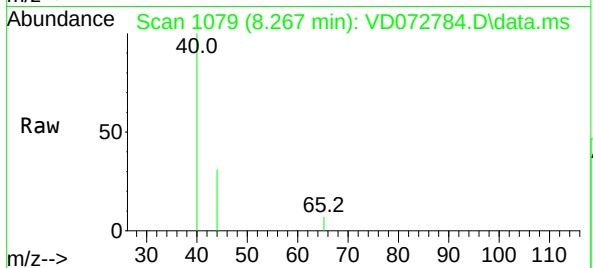
TP-24

Tgt Ion: 65 Resp: 63

Ion Ratio Lower Upper

65 100

67 0.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072784.D

Acq: 04 May 2022 13:04

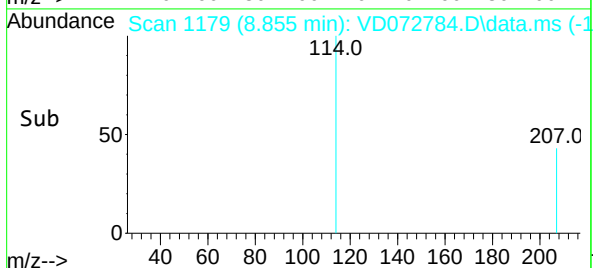
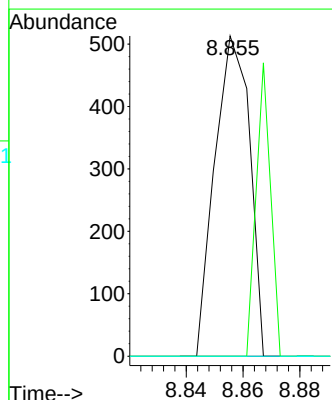
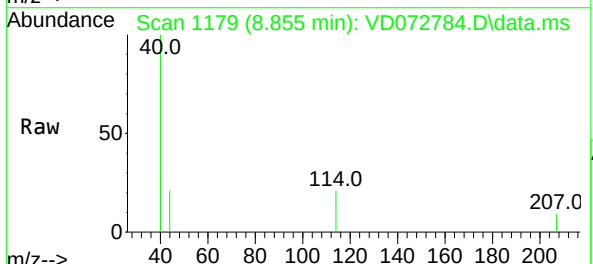
Tgt Ion: 114 Resp: 437

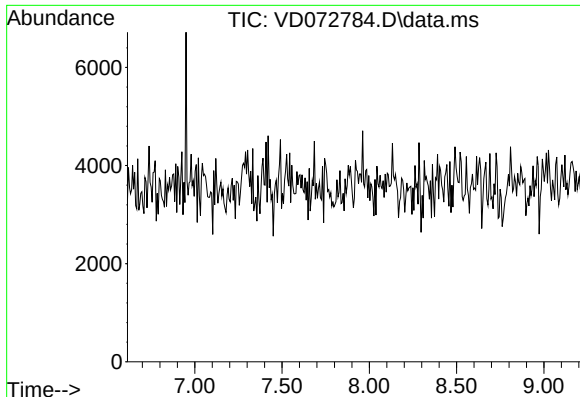
Ion Ratio Lower Upper

114 100

63 0.0 0.0 46.6

88 0.0 0.0 33.2



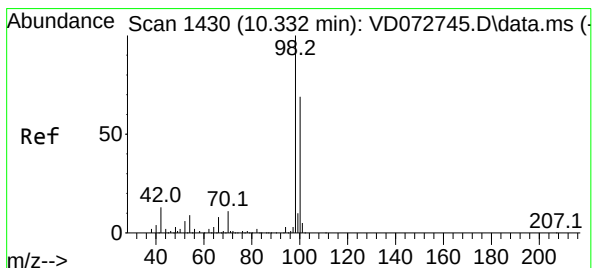
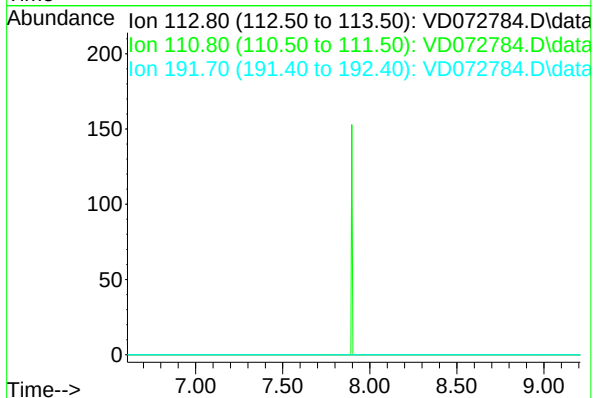


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.91 min
 Lab File: VD072784.D
 Acq: 04 May 2022 13:04

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-24

Tgt Ion: 113

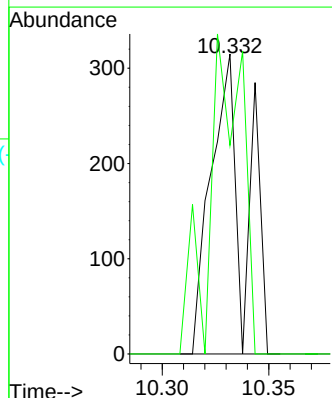
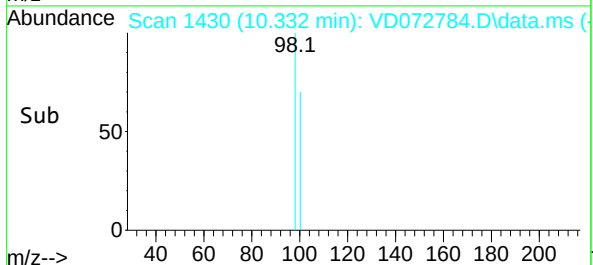
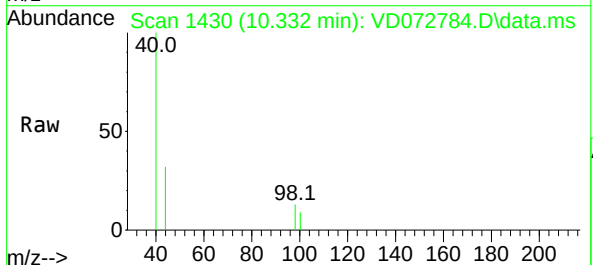
Sig	Exp Ratio
113	100
111	104.7
192	18.2

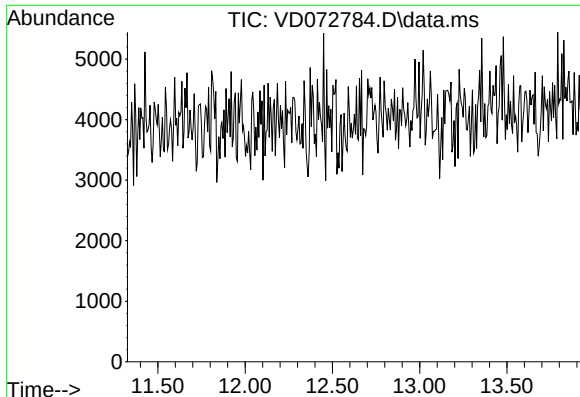


#50
 Toluene-d8
 Concen: 31.519 ug/l
 RT: 10.332 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: VD072784.D
 Acq: 04 May 2022 13:04

Tgt Ion: 98 Resp: 347

Ion	Ratio	Lower	Upper
98	100		
100	104.6	52.4	78.6

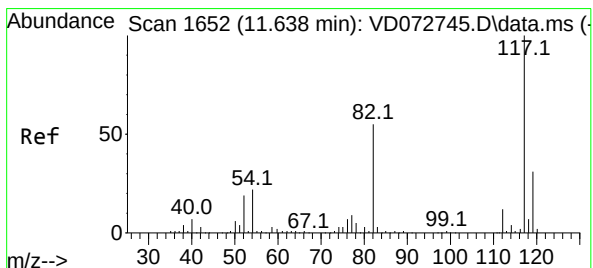
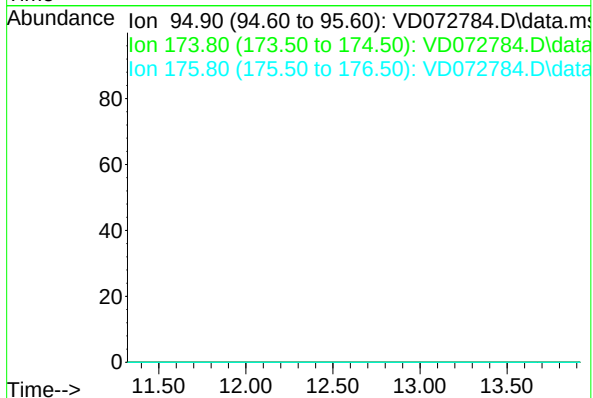




#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min
Lab File: VD072784.D
Acq: 04 May 2022 13:04

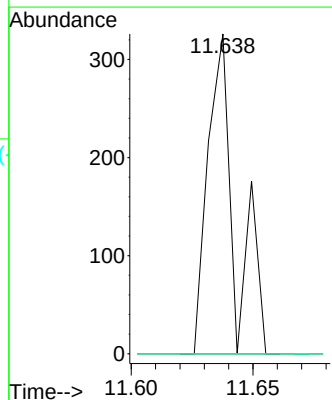
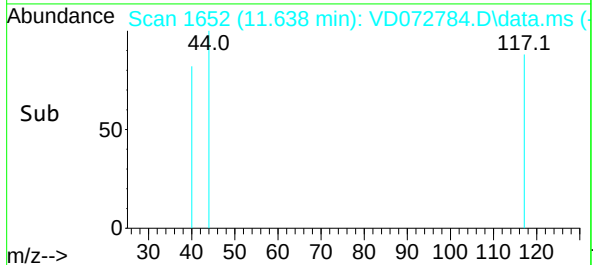
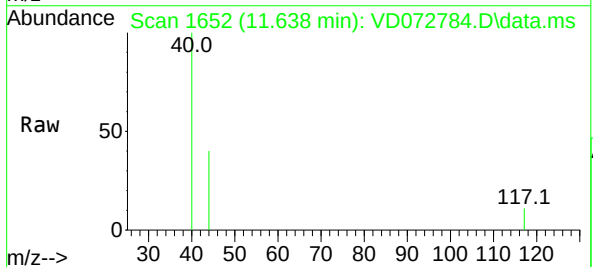
Instrument :
MSVOA_D
ClientSampleId :
TP-24

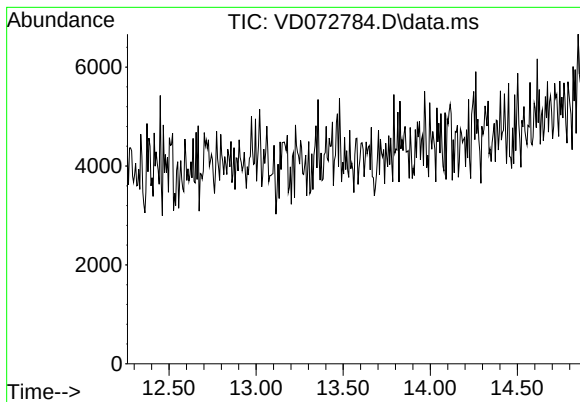
Tgt Ion: 95
Sig Exp Ratio
95 100
174 76.4
176 72.7



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072784.D
Acq: 04 May 2022 13:04

Tgt Ion: 117 Resp: 254
Ion Ratio Lower Upper
117 100
82 0.0 45.3 67.9#
119 0.0 26.6 40.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.56 min

Lab File: VD072784.D
Acq: 04 May 2022 13:04

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.5
150 174.3

