

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072931.D
 Acq On : 11 May 2022 15:21
 Operator : VA/SY
 Sample : N2755-01RE
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-221RE

Quant Time: May 12 03:03:13 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)

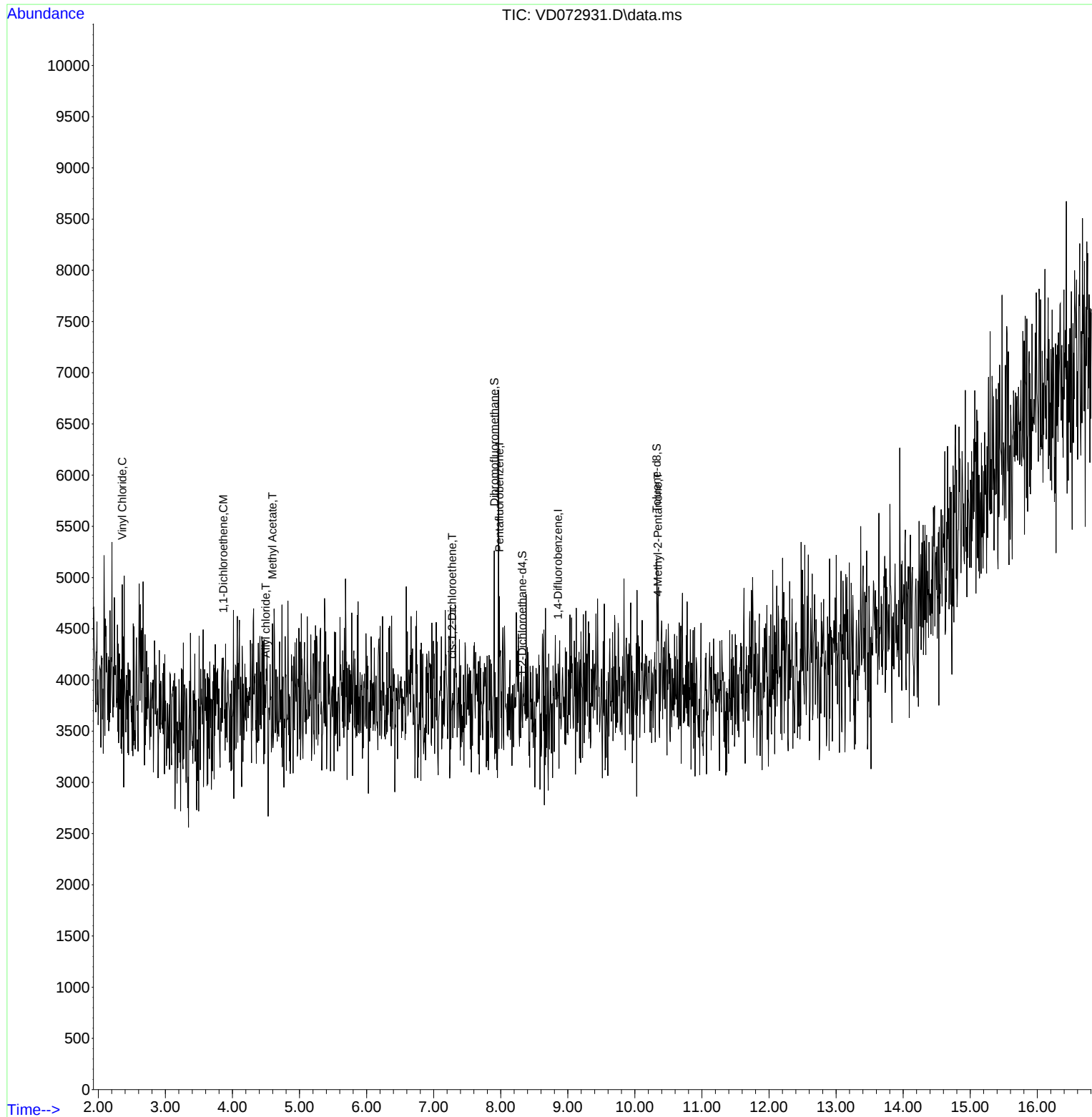
Internal Standards						
1) Pentafluorobenzene	7.979	168	253	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	554	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.64
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.56
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	132	40.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.380%
35) Dibromofluoromethane	7.903	113	258	66.310	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.620%
50) Toluene-d8	10.326	98	690	49.439	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.880%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.356	62	66	20.230	ug/l #	43
12) 1,1-Dichloroethene	3.862	96	64	20.979	ug/l #	1
14) Allyl chloride	4.497	41	54	10.964	ug/l #	22
18) Methyl Acetate	4.597	43	69	38.554	ug/l #	55
27) cis-1,2-Dichloroethene	7.273	96	54	13.476	ug/l #	1
51) 4-Methyl-2-Pentanone	10.344	43	68	24.378	ug/l #	39

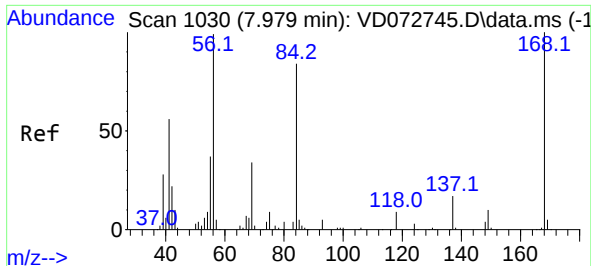
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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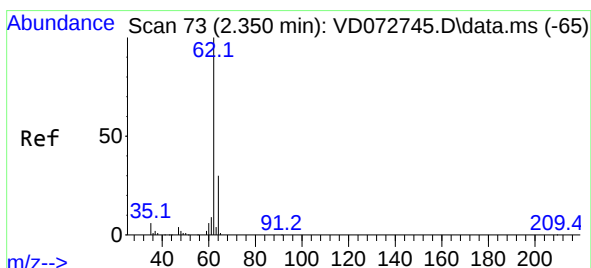
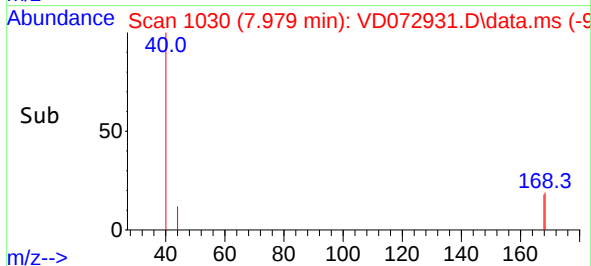
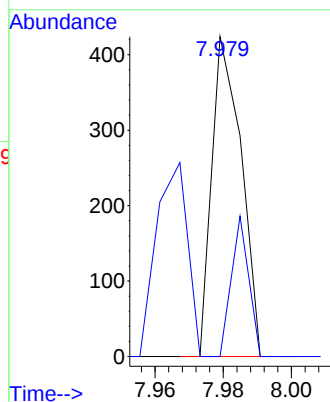
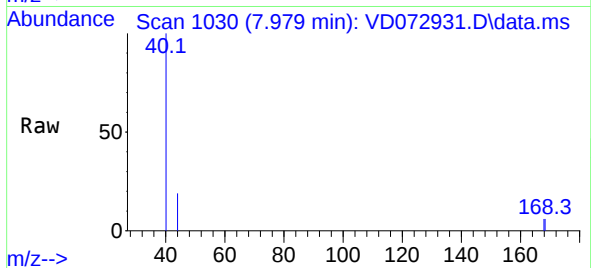




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072931.D
Acq: 11 May 2022 15:21

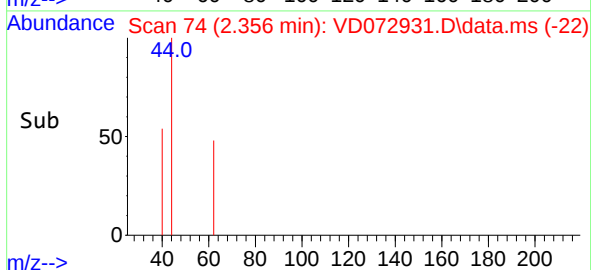
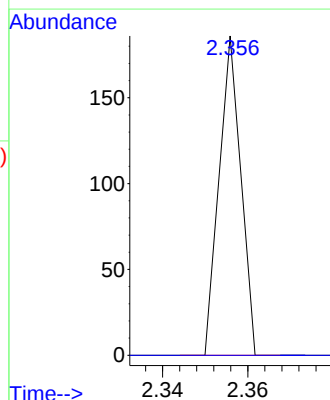
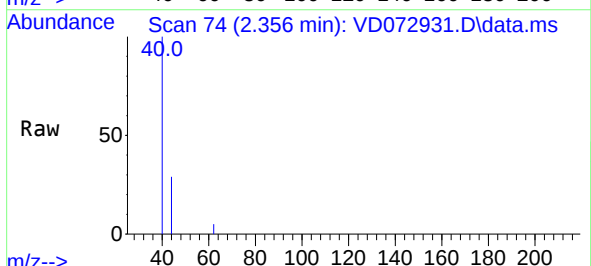
Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE

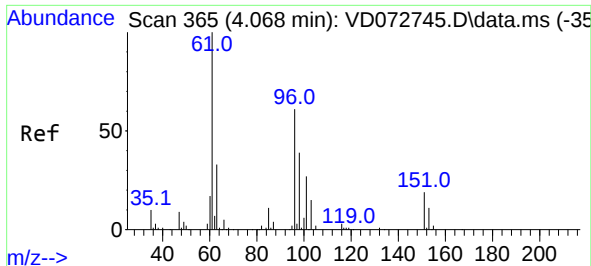
Tgt Ion:168 Resp: 253
Ion Ratio Lower Upper
168 100
99 0.0 49.8 74.6#



#4
Vinyl Chloride
Concen: 20.230 ug/l
RT: 2.356 min Scan# 74
Delta R.T. 0.006 min
Lab File: VD072931.D
Acq: 11 May 2022 15:21

Tgt Ion: 62 Resp: 66
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#





#12

1,1-Dichloroethene

Concen: 20.979 ug/l

RT: 3.862 min Scan# 31

Delta R.T. -0.206 min

Lab File: VD072931.D

Acq: 11 May 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

VNJ-221RE

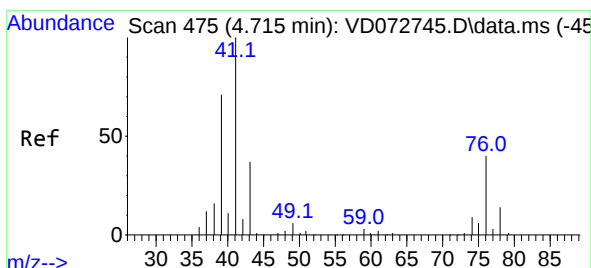
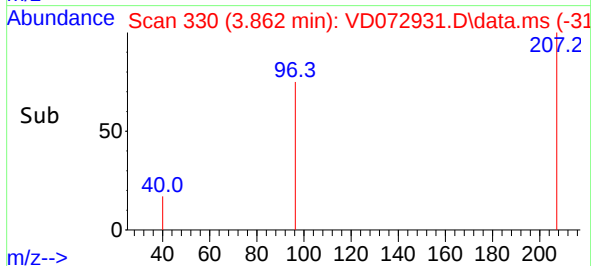
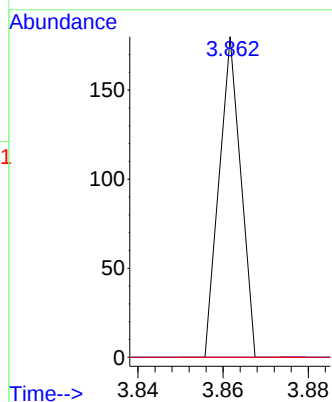
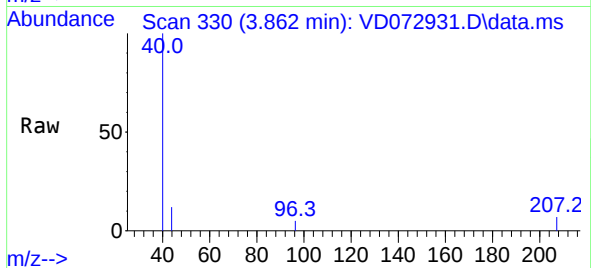
Tgt Ion: 96 Resp: 64

Ion Ratio Lower Upper

96 100

61 0.0 138.5 207.7#

98 0.0 48.6 73.0#



#14

Allyl chloride

Concen: 10.964 ug/l

RT: 4.497 min Scan# 438

Delta R.T. -0.218 min

Lab File: VD072931.D

Acq: 11 May 2022 15:21

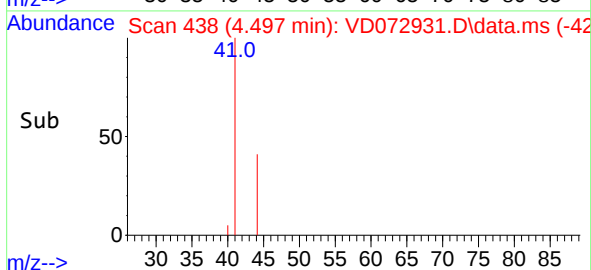
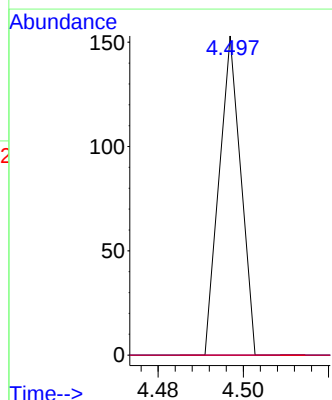
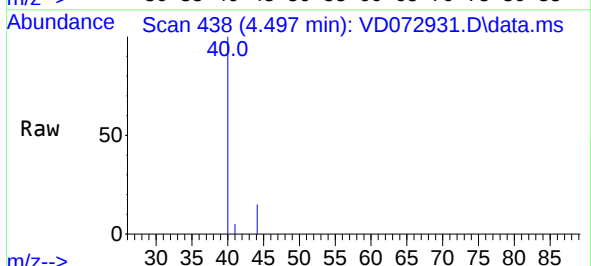
Tgt Ion: 41 Resp: 54

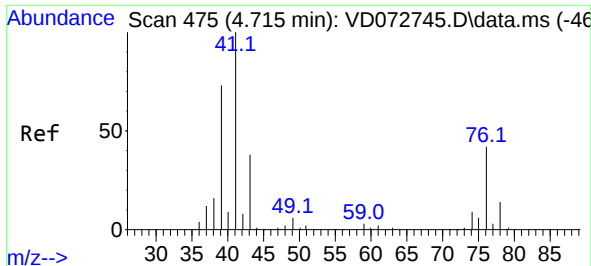
Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

76 0.0 25.7 38.5#





#18

Methyl Acetate

Concen: 38.554 ug/l

RT: 4.597 min Scan# 41

Delta R.T. -0.118 min

Lab File: VD072931.D

Acq: 11 May 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

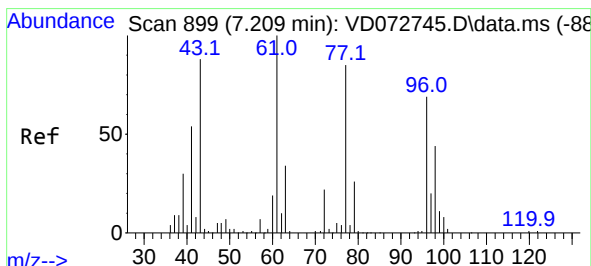
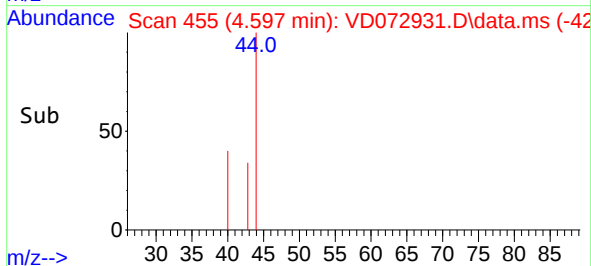
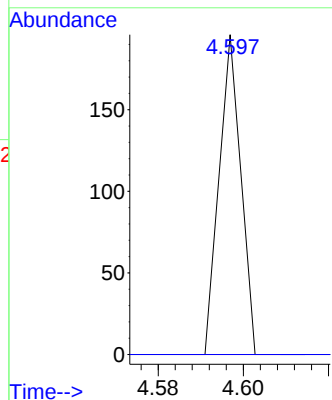
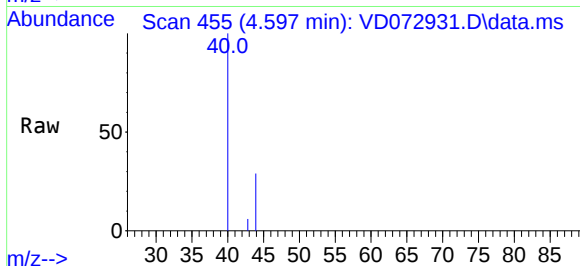
VNJ-221RE

Tgt Ion: 43 Resp: 69

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#27

cis-1,2-Dichloroethene

Concen: 13.476 ug/l

RT: 7.273 min Scan# 910

Delta R.T. 0.064 min

Lab File: VD072931.D

Acq: 11 May 2022 15:21

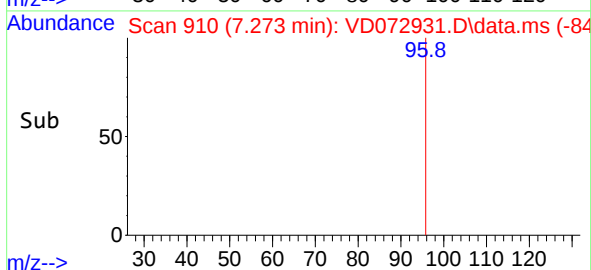
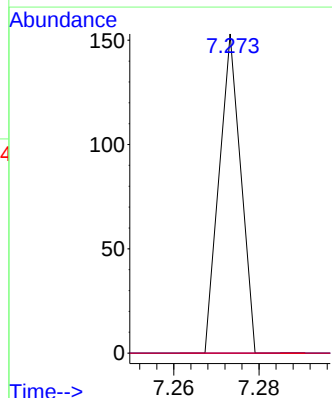
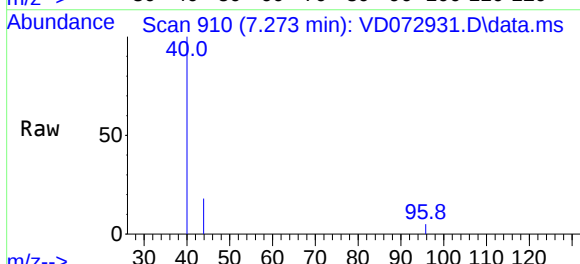
Tgt Ion: 96 Resp: 54

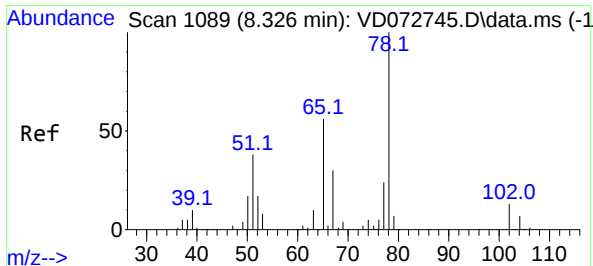
Ion Ratio Lower Upper

96 100

61 0.0 0.0 313.8

98 0.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 40.193 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072931.D

Acq: 11 May 2022 15:21

Instrument :

MSVOA_D

ClientSampleId :

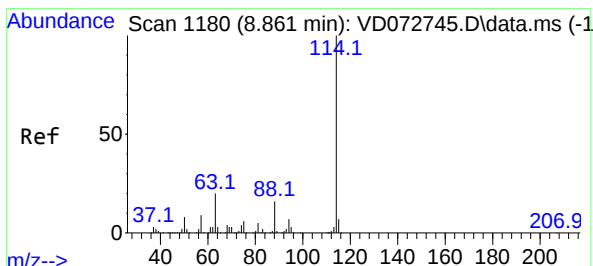
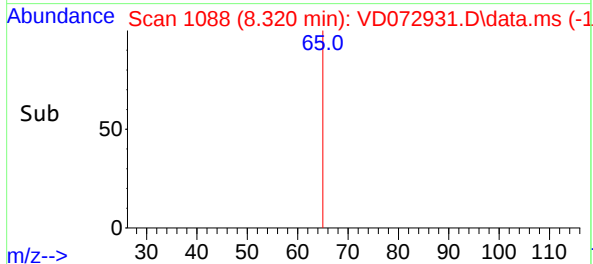
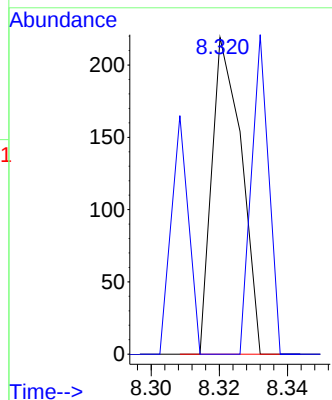
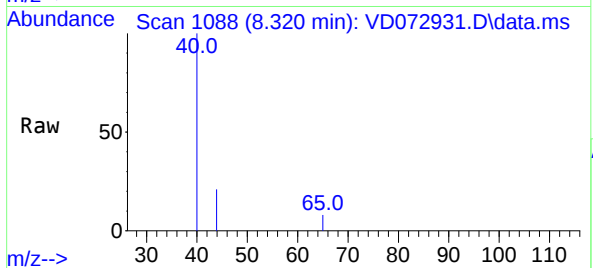
VNJ-221RE

Tgt Ion: 65 Resp: 132

Ion Ratio Lower Upper

65 100

67 59.1 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: VD072931.D

Acq: 11 May 2022 15:21

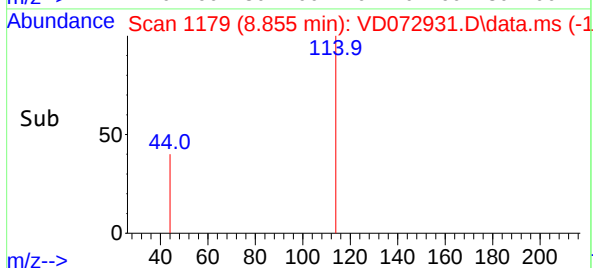
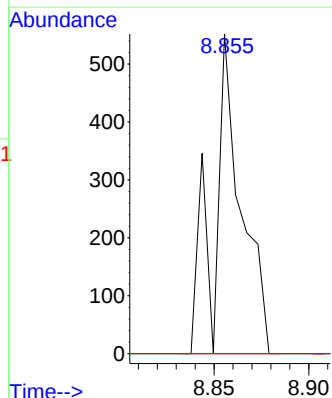
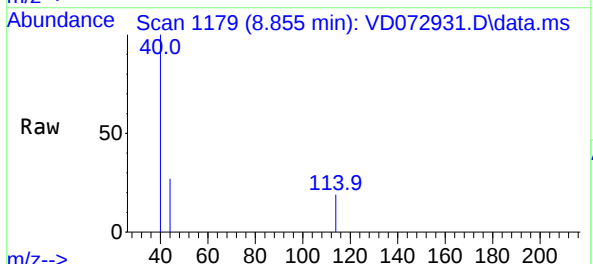
Tgt Ion: 114 Resp: 554

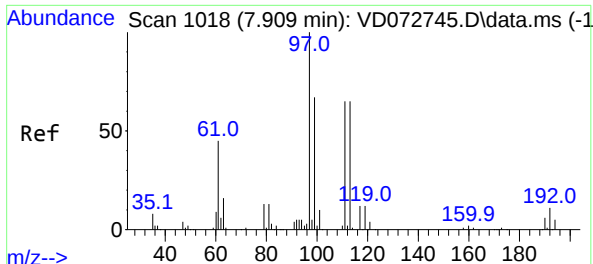
Ion Ratio Lower Upper

114 100

63 0.0 0.0 46.6

88 0.0 0.0 33.2

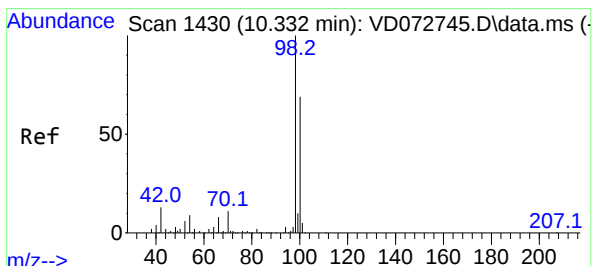
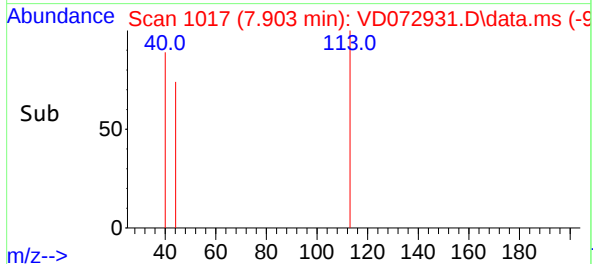
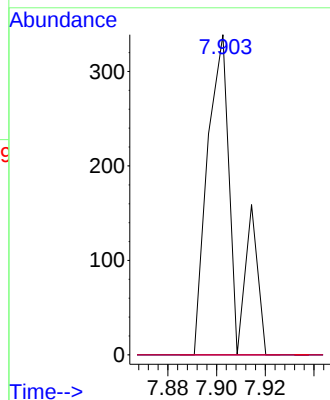
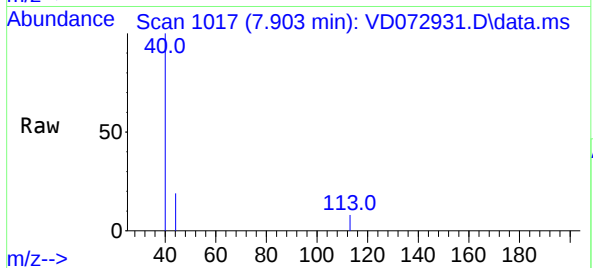




#35
Dibromofluoromethane
Concen: 66.310 ug/l
RT: 7.903 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072931.D
Acq: 11 May 2022 15:21

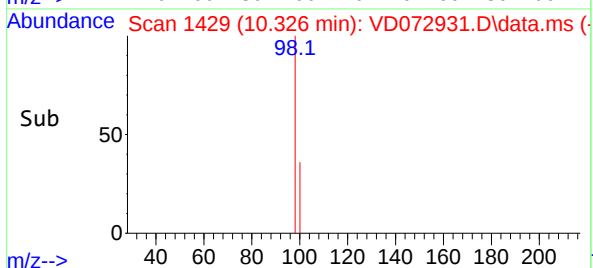
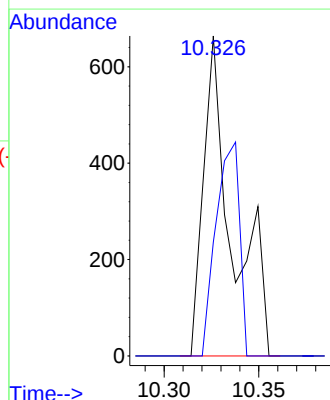
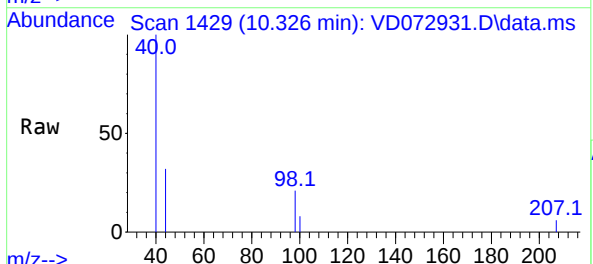
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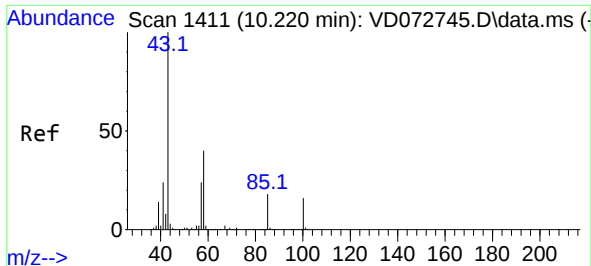
Tgt Ion:113 Resp: 258
Ion Ratio Lower Upper
113 100
111 0.0 83.8 125.6#
192 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.439 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD072931.D
Acq: 11 May 2022 15:21

Tgt Ion: 98 Resp: 690
Ion Ratio Lower Upper
98 100
100 55.5 52.4 78.6

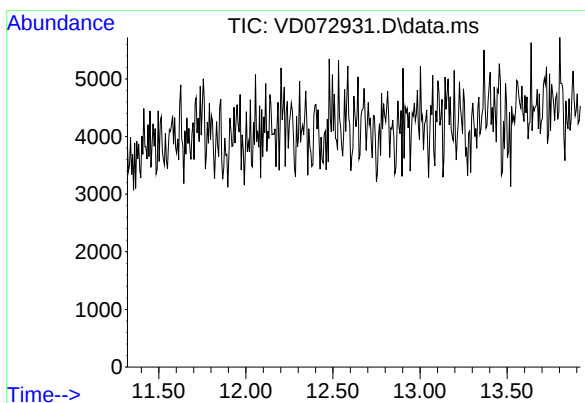
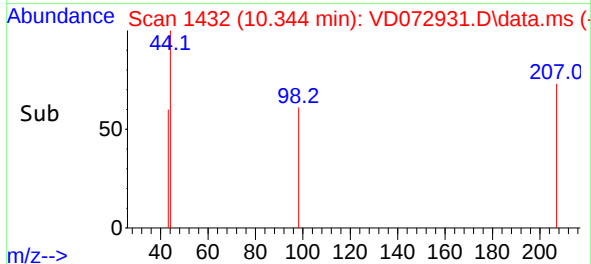
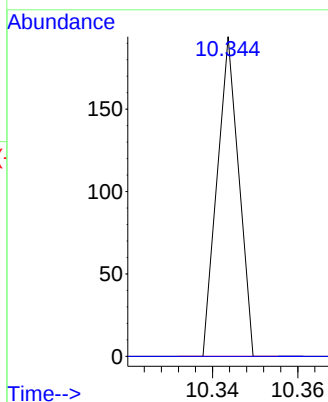
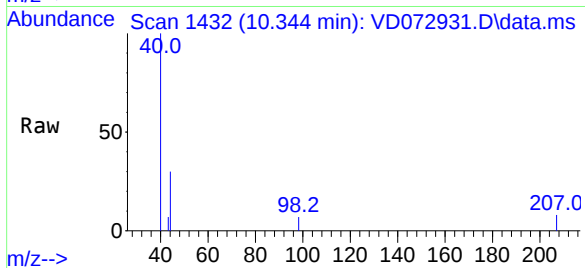




#51
4-Methyl-2-Pentanone
Concen: 24.378 ug/l
RT: 10.344 min Scan# 1411
Delta R.T. 0.124 min
Lab File: VD072931.D
Acq: 11 May 2022 15:21

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE

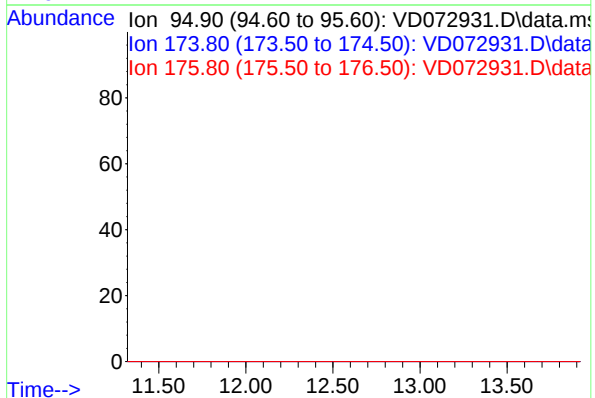
Tgt Ion: 43 Resp: 68
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

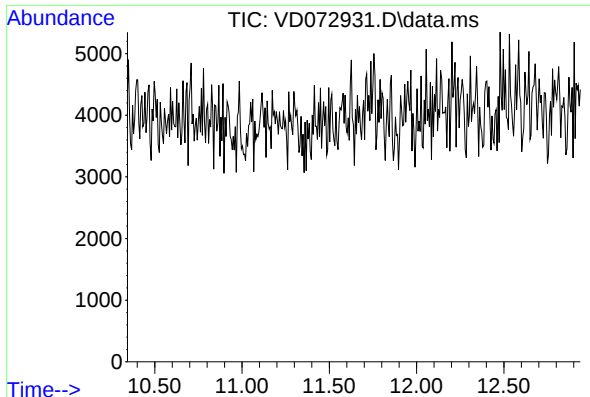


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VD072931.D
Acq: 11 May 2022 15:21

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



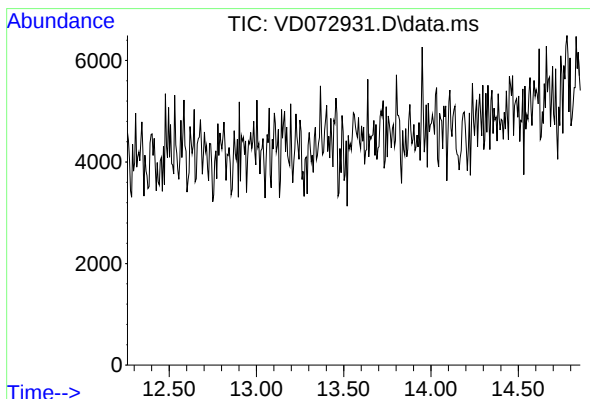
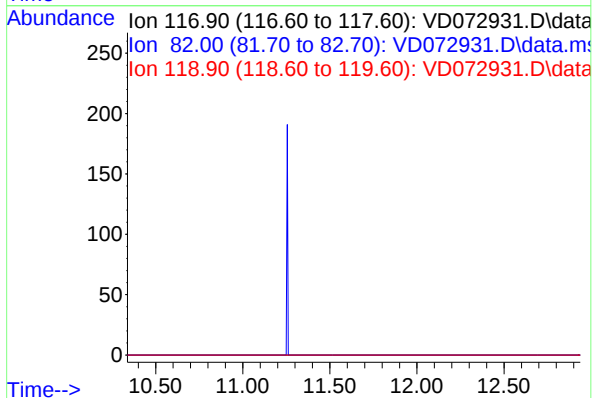


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.64 min

Lab File: VD072931.D
Acq: 11 May 2022 15:21

Instrument :
MSVOA_D
ClientSampleId :
VNJ-221RE

Tgt Ion: 117
Sig Exp Ratio
117 100
82 56.6
119 33.3



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

Lab File: VD072931.D
Acq: 11 May 2022 15:21

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

