

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073514.D
 Acq On : 09 Jun 2022 18:17
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 10 06:14:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 05:32:19 2022
 Response via : Initial Calibration

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

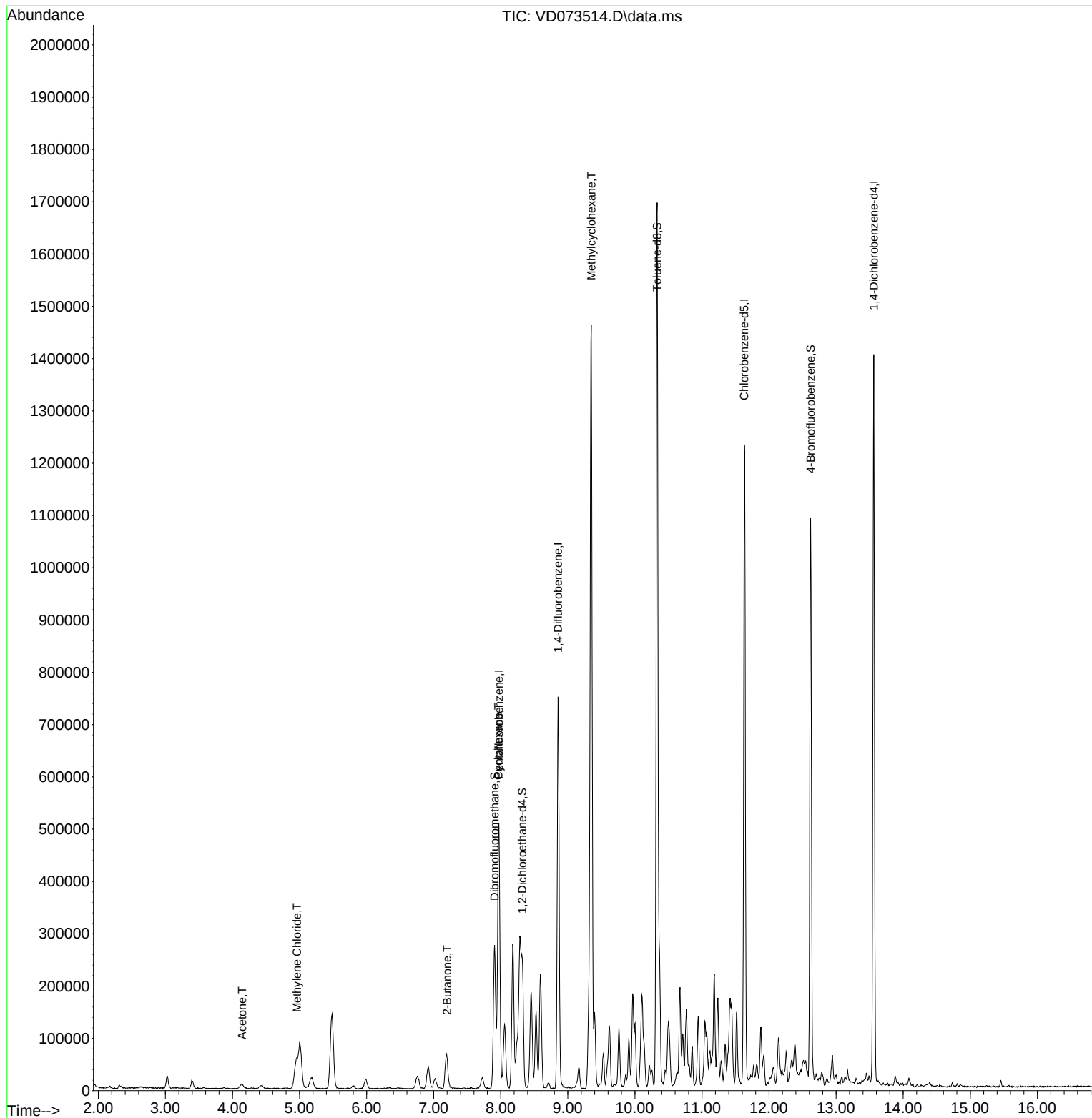
Internal Standards						
1) Pentafluorobenzene	7.973	168	342581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	640000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	736034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	371876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	174169	47.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.760%
35) Dibromofluoromethane	7.908	113	200733	48.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.332	98	857420	55.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.200%
62) 4-Bromofluorobenzene	12.620	95	363318	64.319	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.640%
Target Compounds						
					Qvalue	
16) Acetone	4.144	43	9748	15.059	ug/l #	74
20) Methylene Chloride	4.962	84	26629	3.529	ug/l #	82
25) 2-Butanone	7.203	43	7408	7.778	ug/l #	71
31) Cyclohexane	7.967	56	40718	6.575	ug/l #	85
39) Methylcyclohexane	9.350	83	621901	86.338	ug/l	97

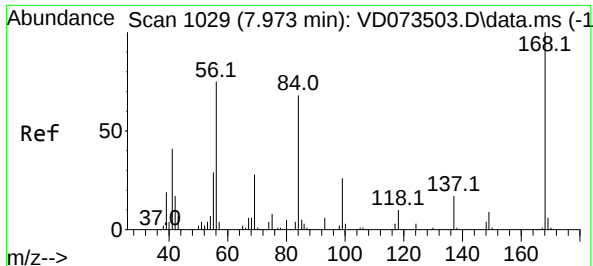
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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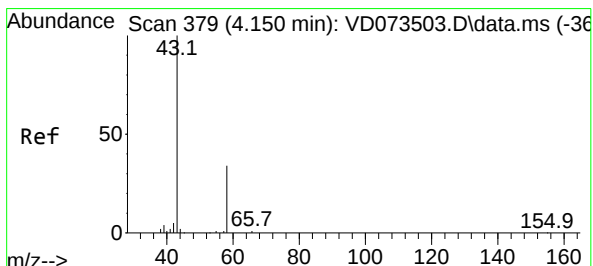
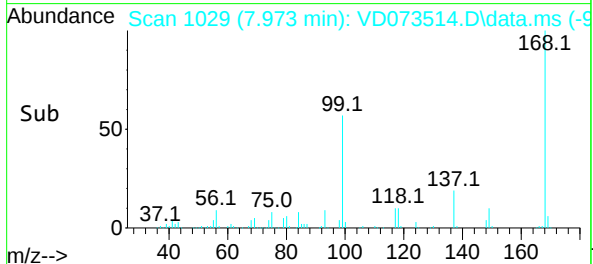
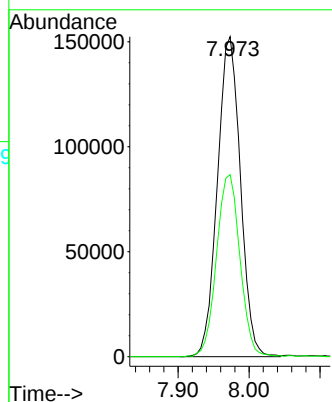
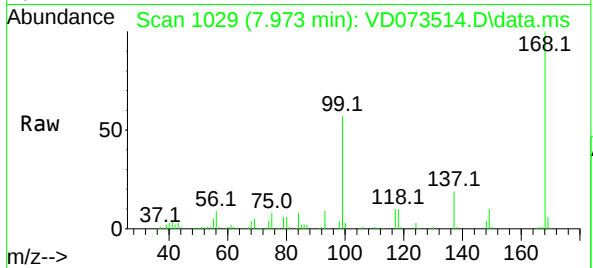




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

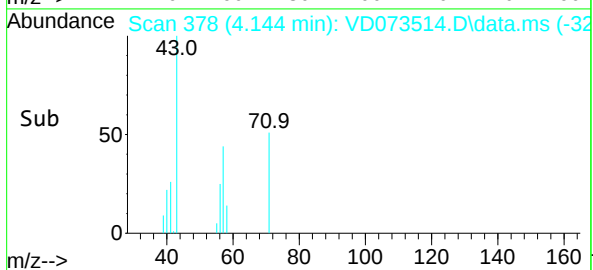
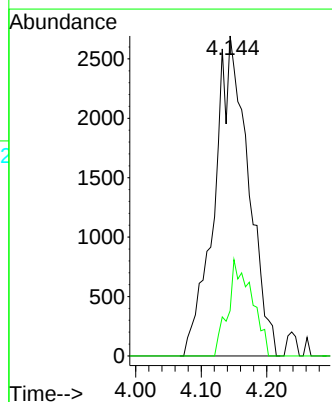
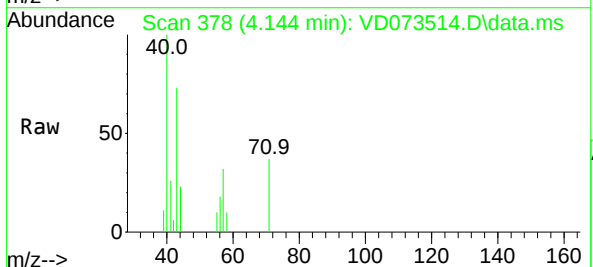
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

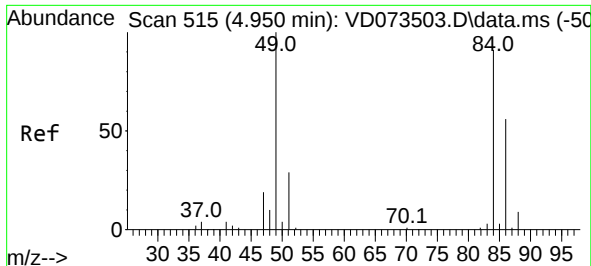
Tgt Ion:168 Resp: 342581
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#16
Acetone
Concen: 15.059 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.006 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

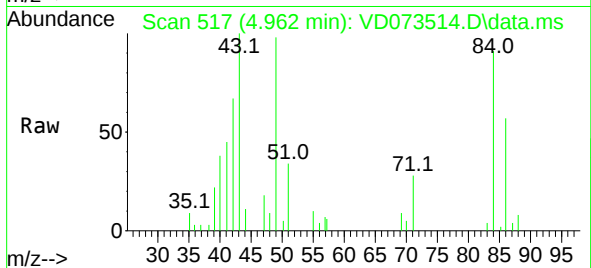
Tgt Ion: 43 Resp: 9748
Ion Ratio Lower Upper
43 100
58 14.1 22.1 33.1#



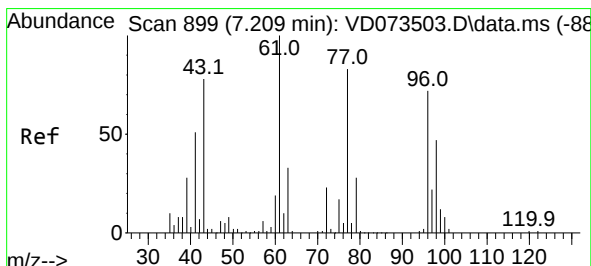
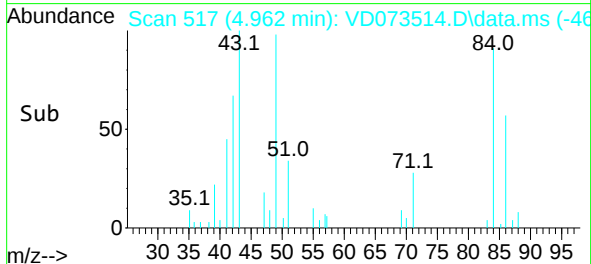
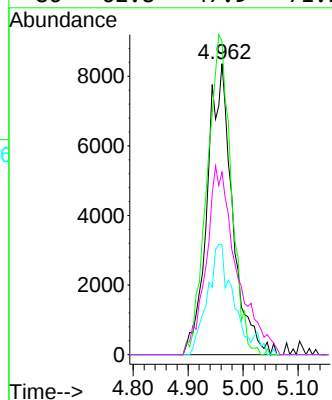


#20
Methylene Chloride
Concen: 3.529 ug/l
RT: 4.962 min Scan# 515
Delta R.T. 0.012 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

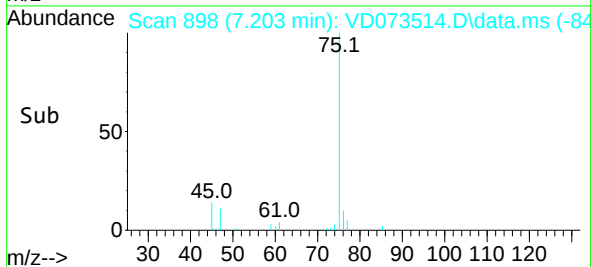
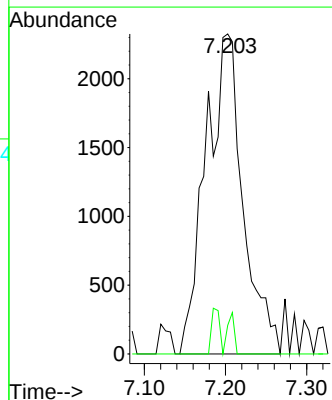
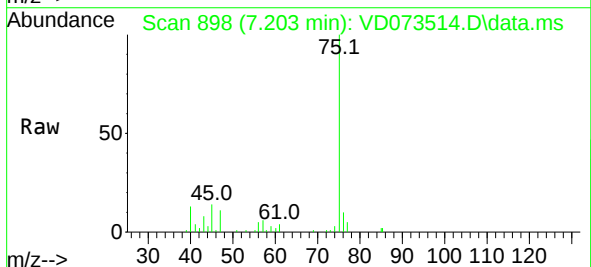


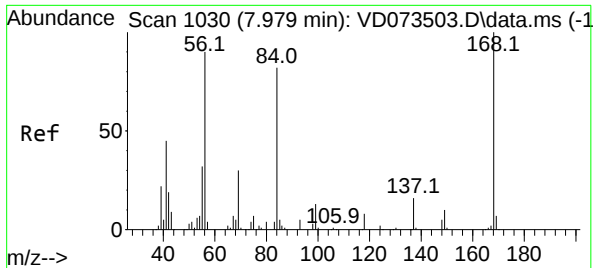
Tgt Ion:	84	Resp:	26629
Ion	Ratio	Lower	Upper
84	100		
49	107.7	112.8	169.2#
51	37.9	32.6	48.8
86	62.8	47.9	71.9



#25
2-Butanone
Concen: 7.778 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

Tgt Ion:	43	Resp:	7408
Ion	Ratio	Lower	Upper
43	100		
72	8.9	18.6	27.8#

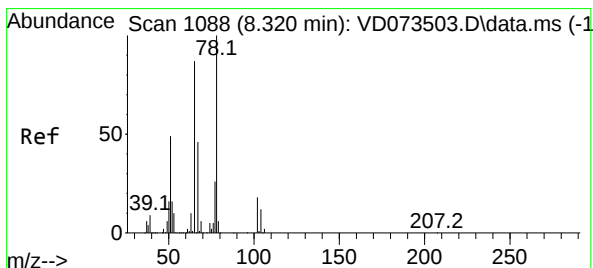
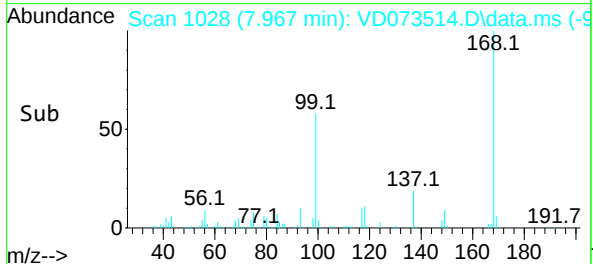
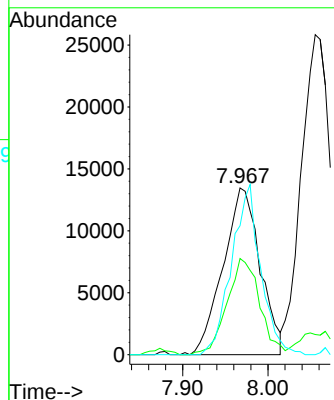
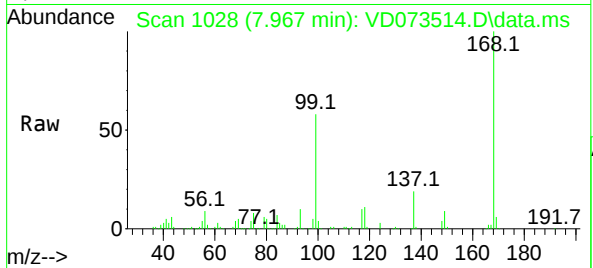




#31
Cyclohexane
Concen: 6.575 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

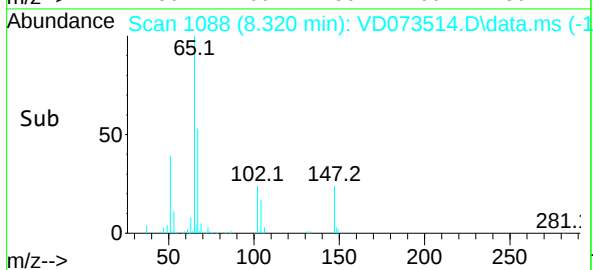
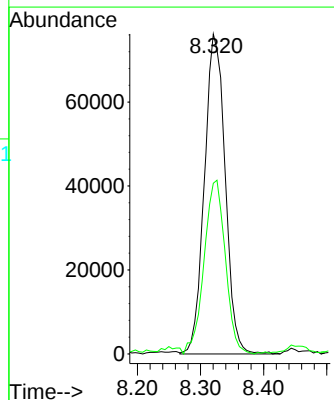
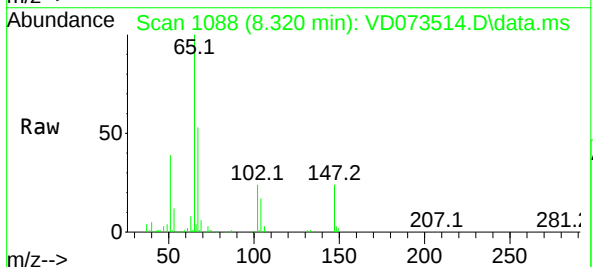
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

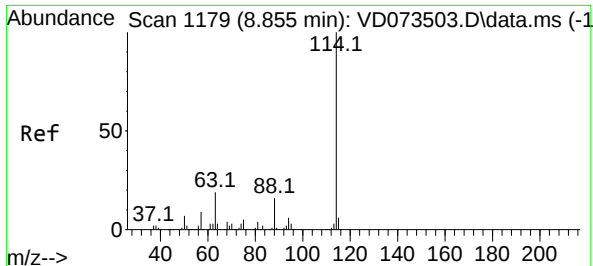
Tgt Ion: 56 Resp: 40718
Ion Ratio Lower Upper
56 100
69 57.7 25.4 38.2#
84 77.3 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 47.375 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

Tgt Ion: 65 Resp: 174169
Ion Ratio Lower Upper
65 100
67 55.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073514.D

Acq: 09 Jun 2022 18:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

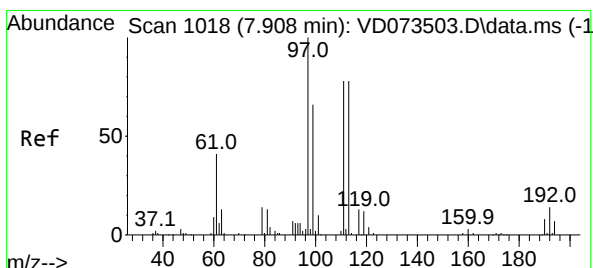
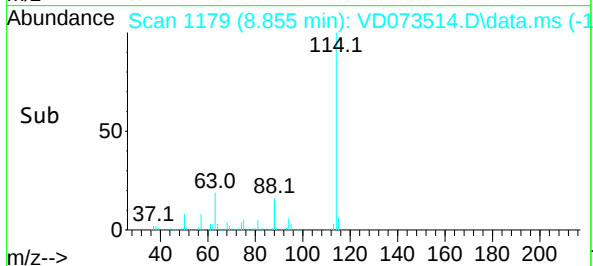
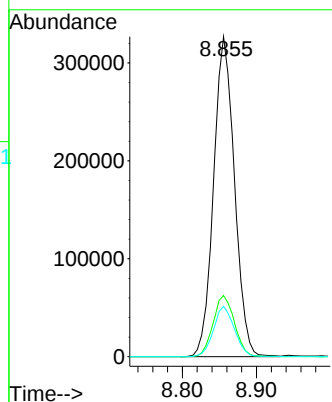
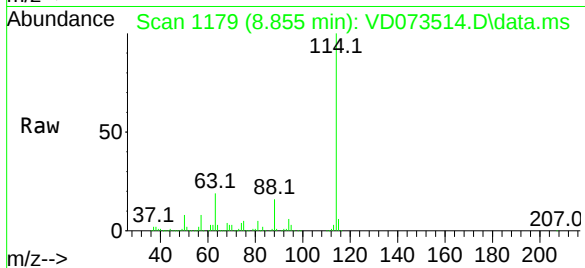
Tgt Ion:114 Resp: 640000

Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.775 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073514.D

Acq: 09 Jun 2022 18:17

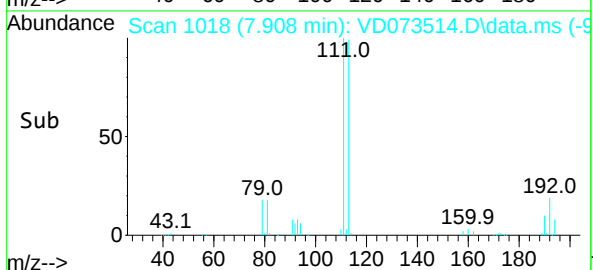
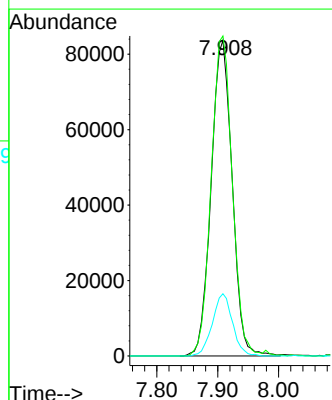
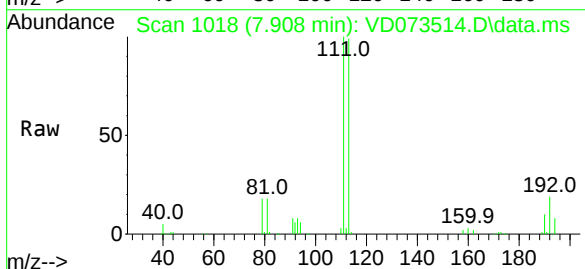
Tgt Ion:113 Resp: 200733

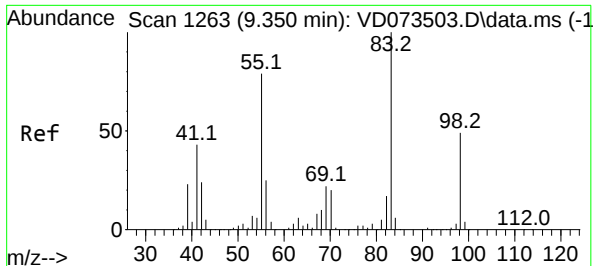
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 18.9 14.6 21.8





#39

Methylcyclohexane

Concen: 86.338 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073514.D

Acq: 09 Jun 2022 18:17

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

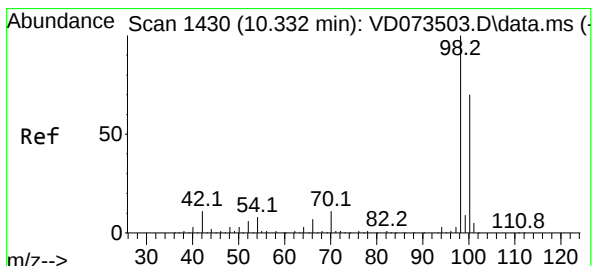
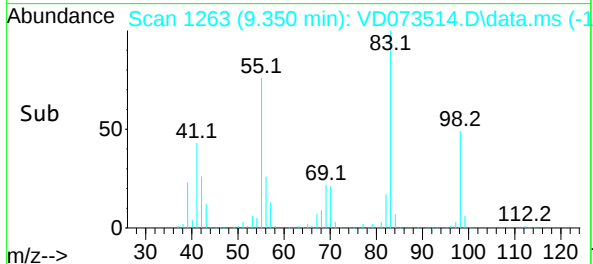
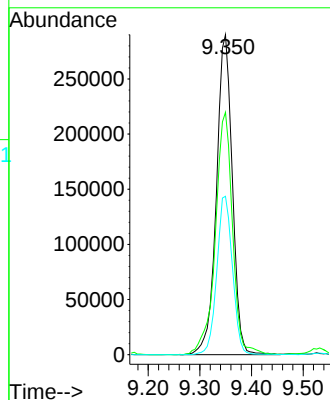
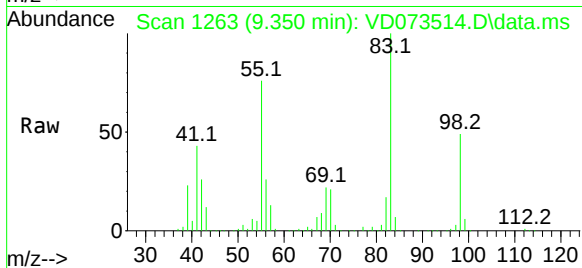
Tgt Ion: 83 Resp: 621901

Ion Ratio Lower Upper

83 100

55 75.6 63.2 94.8

98 49.5 38.2 57.4



#50

Toluene-d8

Concen: 55.104 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073514.D

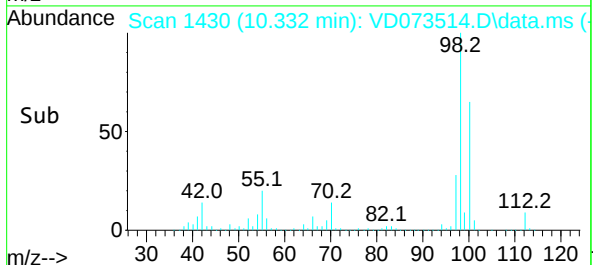
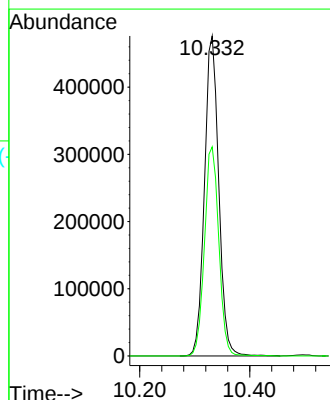
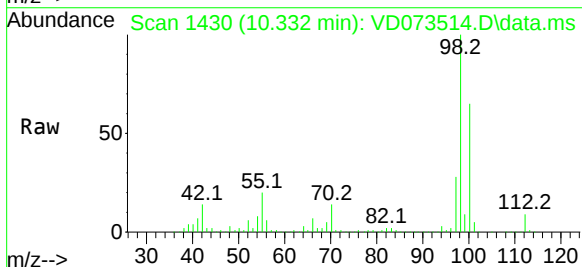
Acq: 09 Jun 2022 18:17

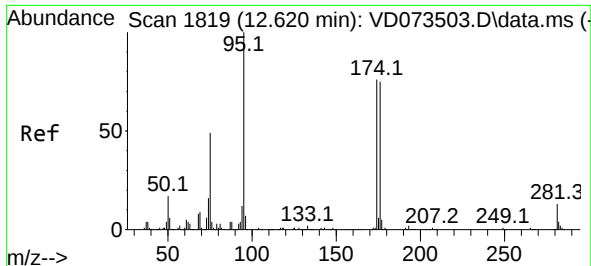
Tgt Ion: 98 Resp: 857420

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

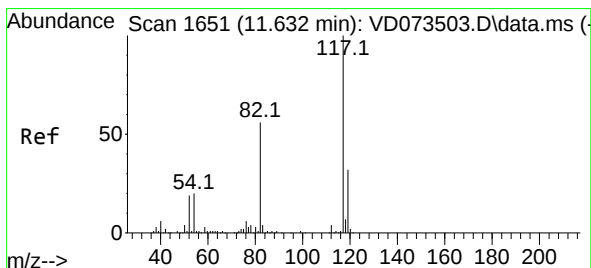
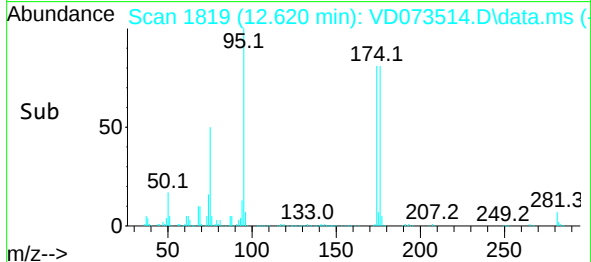
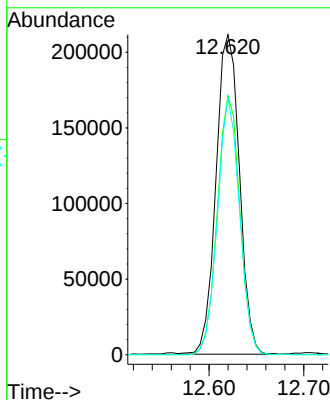
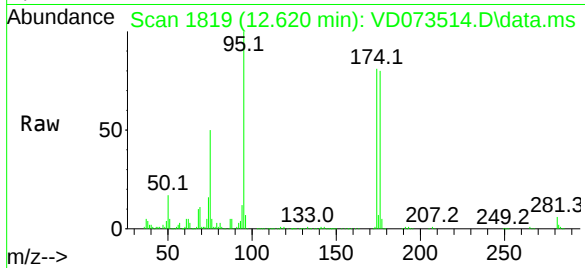




#62
4-Bromofluorobenzene
Concen: 64.319 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

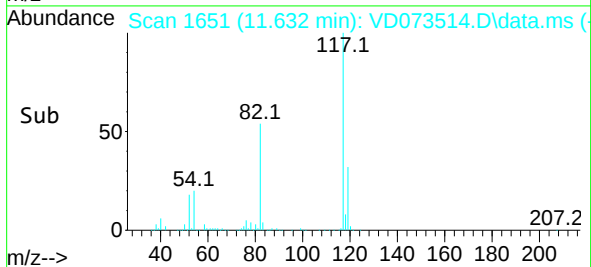
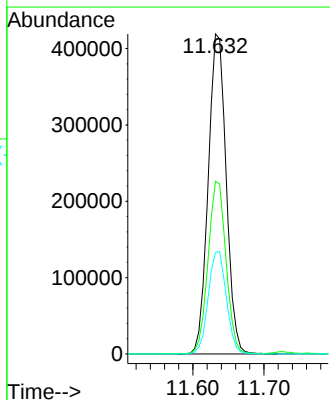
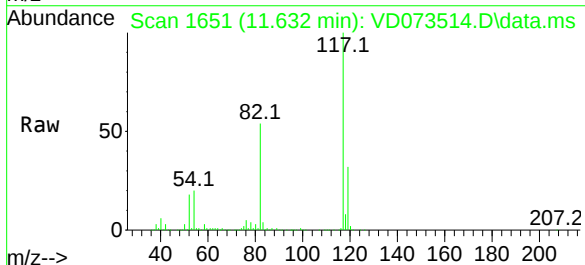
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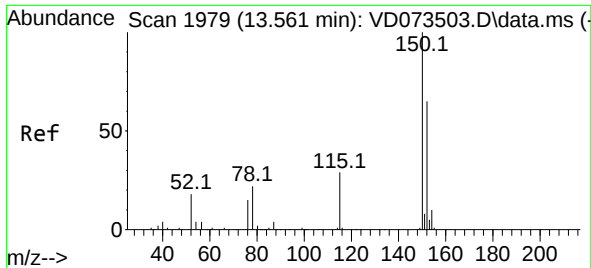
Tgt Ion: 95 Resp: 363318
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 75.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073514.D
Acq: 09 Jun 2022 18:17

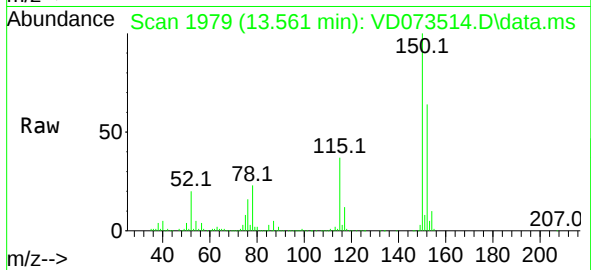
Tgt Ion: 117 Resp: 736034
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 31.7 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073514.D
 Acq: 09 Jun 2022 18:17

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 371876
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 157.4 0.0 348.6

