

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073515.D
 Acq On : 09 Jun 2022 18:47
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 10 06:14:33 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)

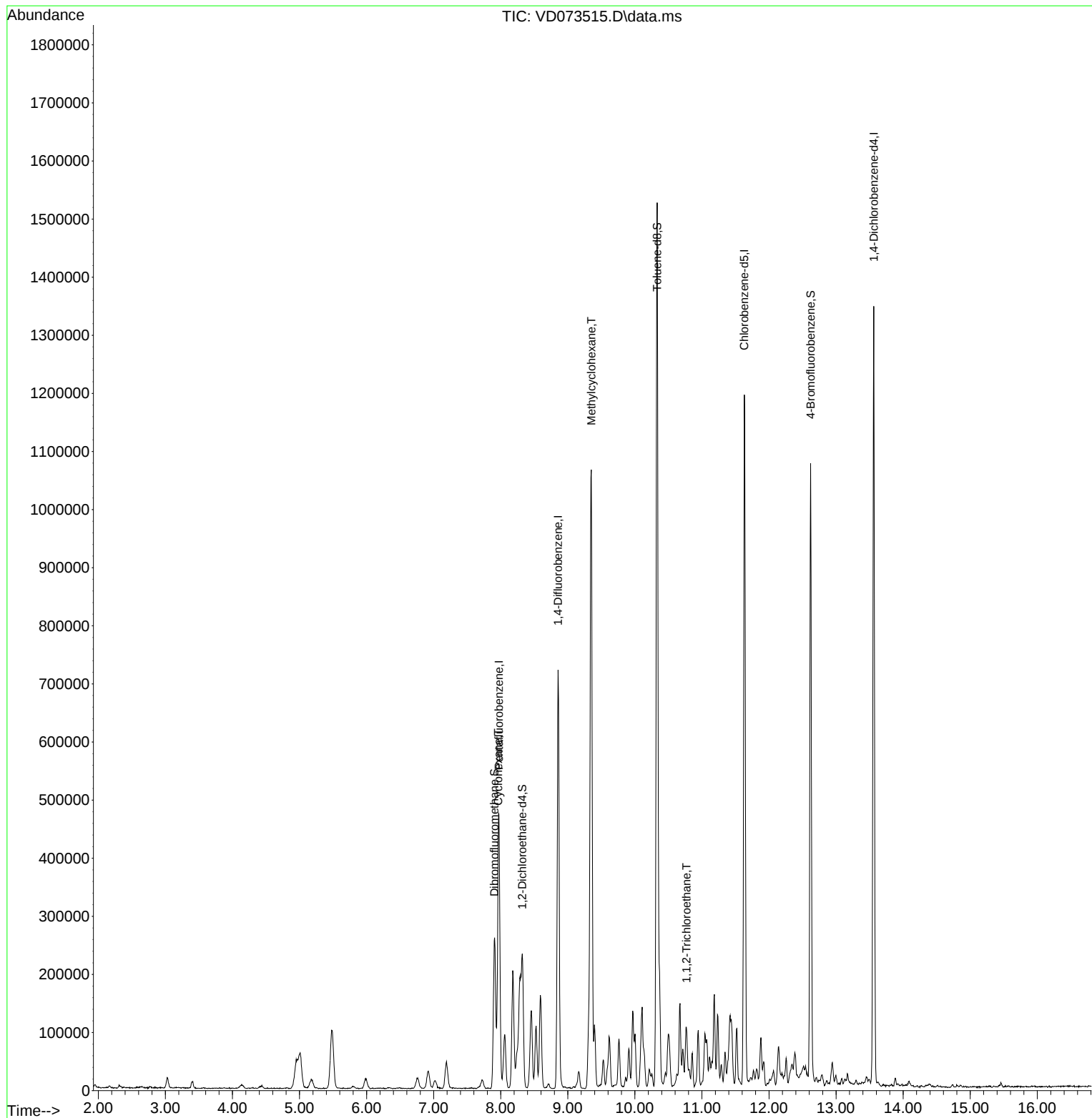
Internal Standards						
1) Pentafluorobenzene	7.973	168	325128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	626340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	710804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	357741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	165292	47.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.740%
35) Dibromofluoromethane	7.903	113	194651	48.329	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.660%
50) Toluene-d8	10.332	98	818498	53.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.620	95	351650	63.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	127.220%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.961	56	30524	5.193	ug/l #	75
39) Methylcyclohexane	9.350	83	456074	64.698	ug/l	97
55) 1,1,2-Trichloroethane	10.767	97	38739	11.061	ug/l #	20

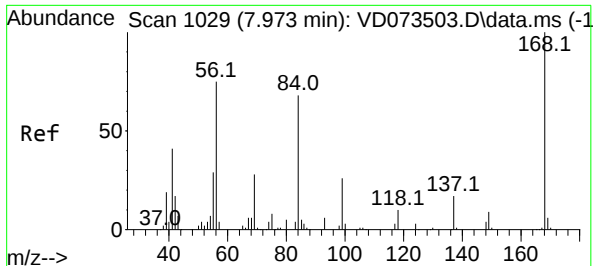
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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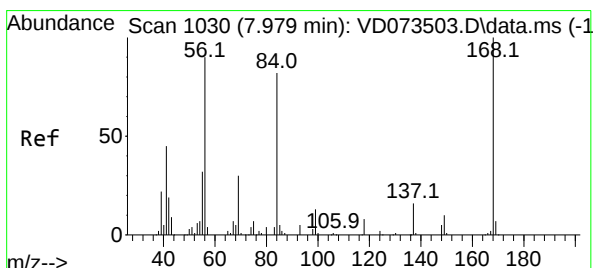
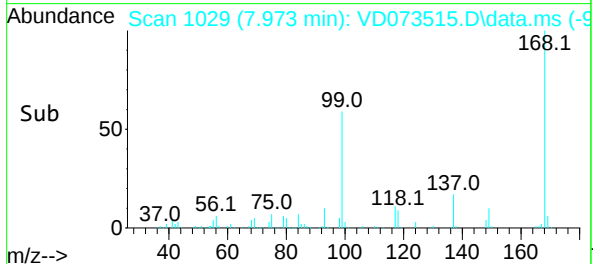
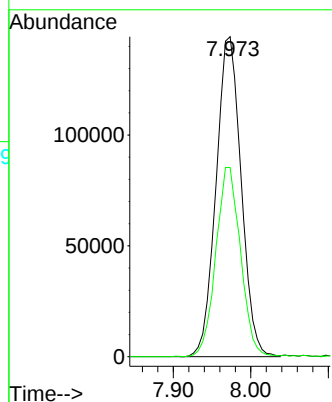
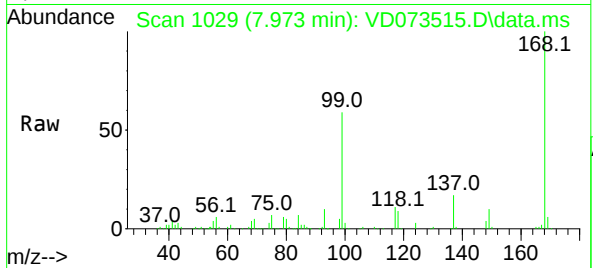




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073515.D
Acq: 09 Jun 2022 18:47

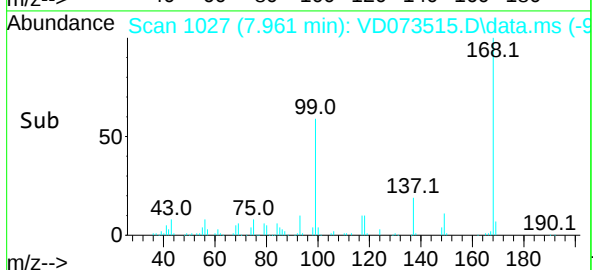
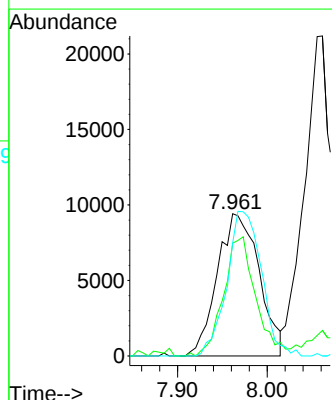
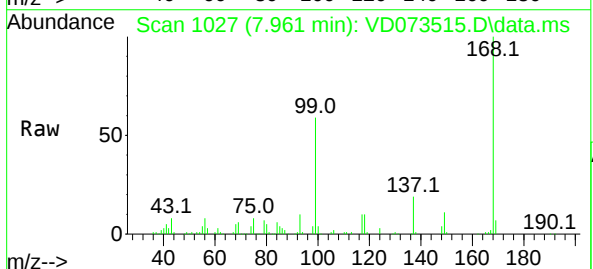
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

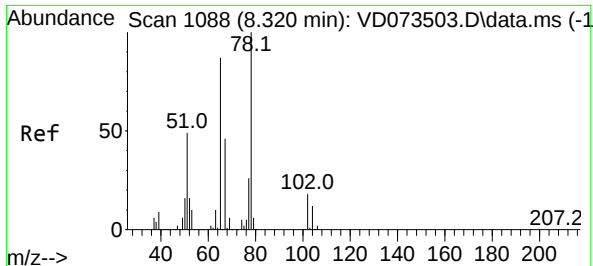
Tgt Ion:168 Resp: 325128
Ion Ratio Lower Upper
168 100
99 59.0 49.8 74.6



#31
Cyclohexane
Concen: 5.193 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD073515.D
Acq: 09 Jun 2022 18:47

Tgt Ion: 56 Resp: 30524
Ion Ratio Lower Upper
56 100
69 79.3 25.4 38.2#
84 79.6 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 47.374 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073515.D

Acq: 09 Jun 2022 18:47

Instrument :

MSVOA_D

ClientSampleId :

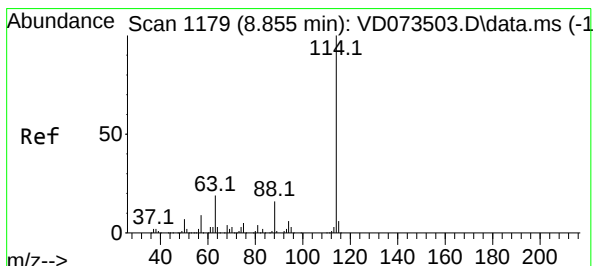
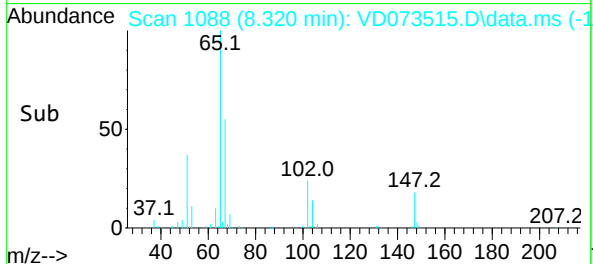
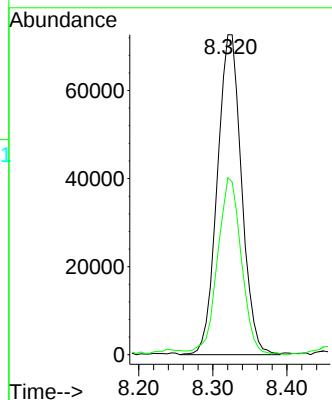
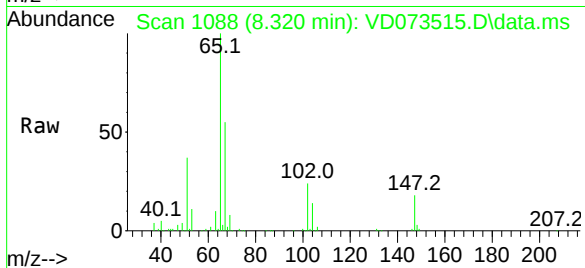
VIBLK

Tgt Ion: 65 Resp: 165292

Ion Ratio Lower Upper

65 100

67 54.8 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: VD073515.D

Acq: 09 Jun 2022 18:47

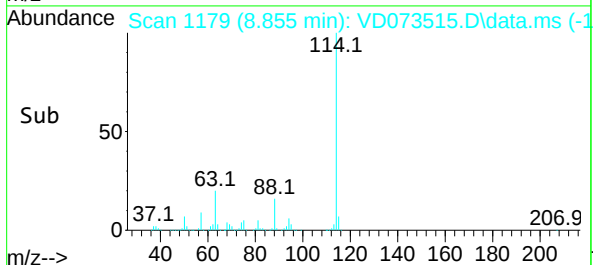
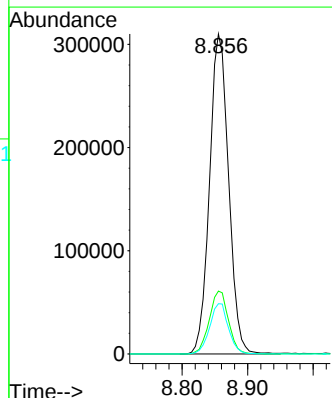
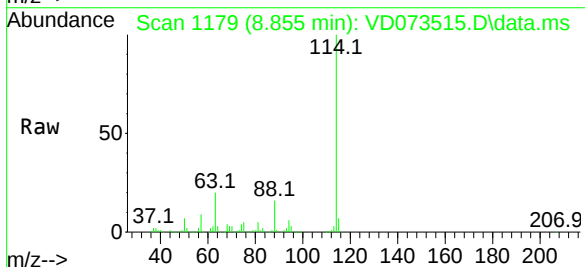
Tgt Ion: 114 Resp: 626340

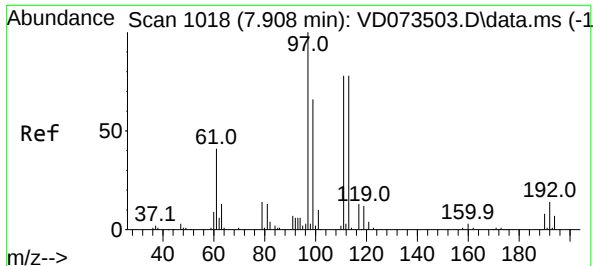
Ion Ratio Lower Upper

114 100

63 19.7 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.329 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073515.D

Acq: 09 Jun 2022 18:47

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

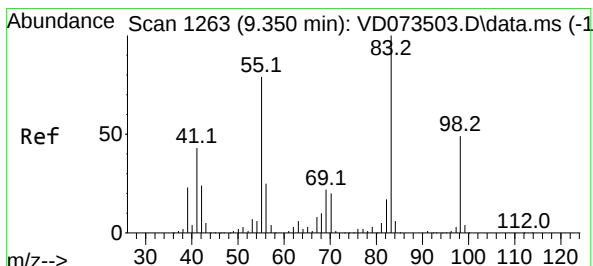
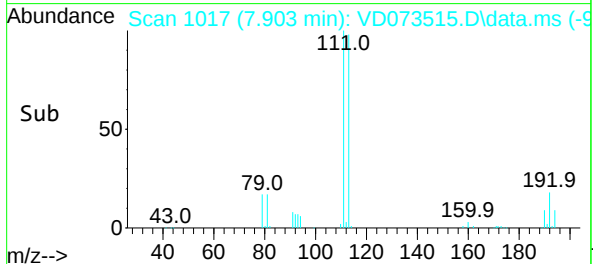
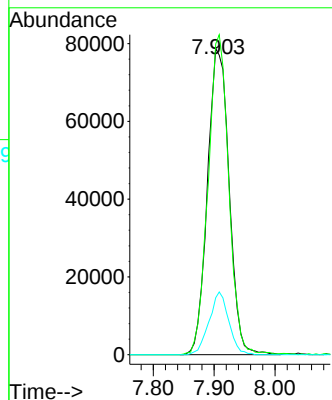
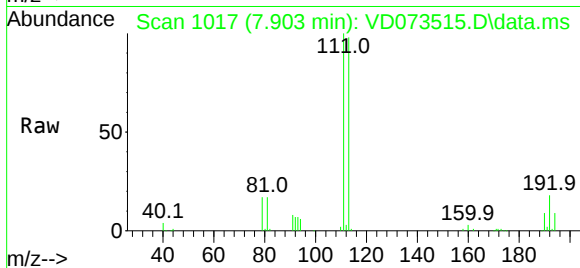
Tgt Ion:113 Resp: 194651

Ion Ratio Lower Upper

113 100

111 99.2 83.8 125.6

192 18.6 14.6 21.8



#39

Methylcyclohexane

Concen: 64.698 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073515.D

Acq: 09 Jun 2022 18:47

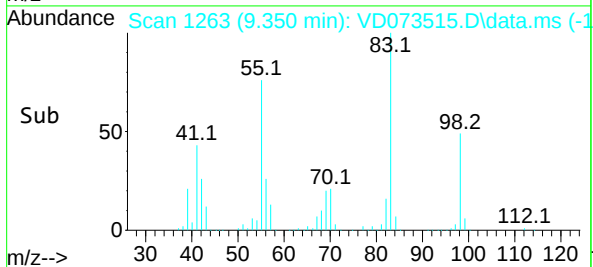
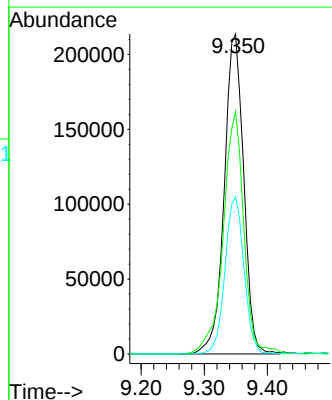
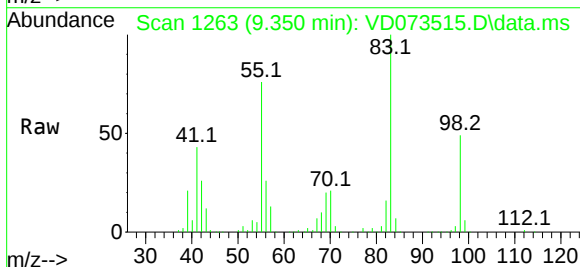
Tgt Ion: 83 Resp: 456074

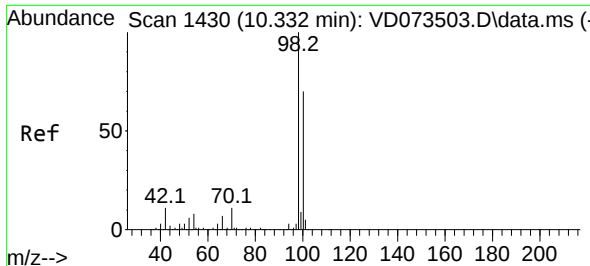
Ion Ratio Lower Upper

83 100

55 75.7 63.2 94.8

98 49.2 38.2 57.4

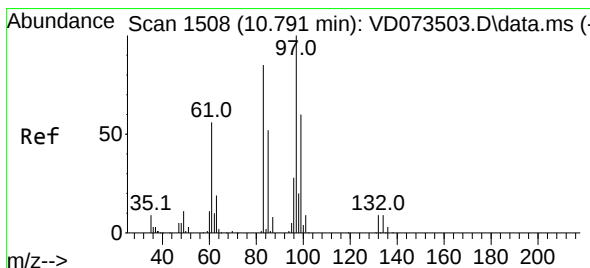
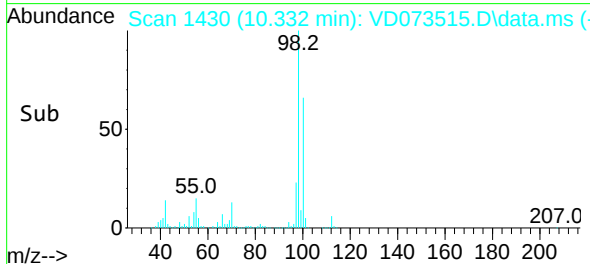
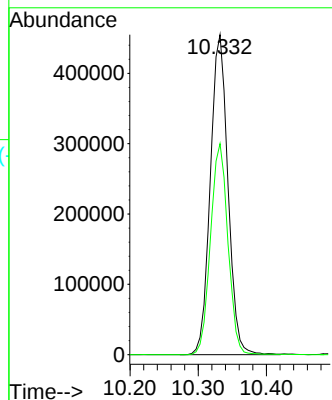
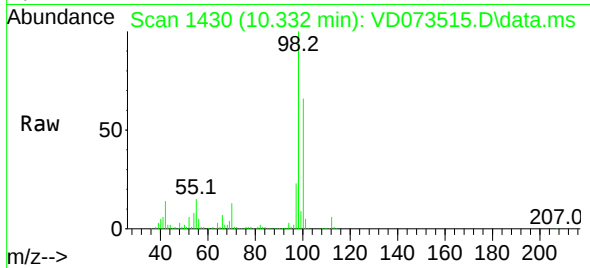




#50
Toluene-d8
Concen: 53.750 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073515.D
Acq: 09 Jun 2022 18:47

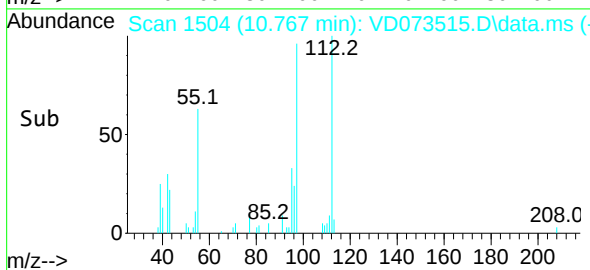
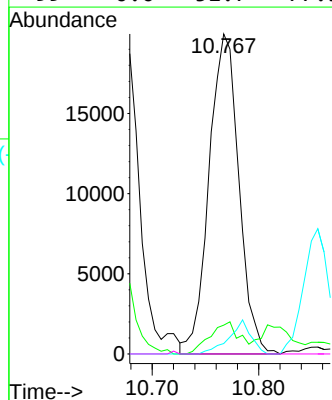
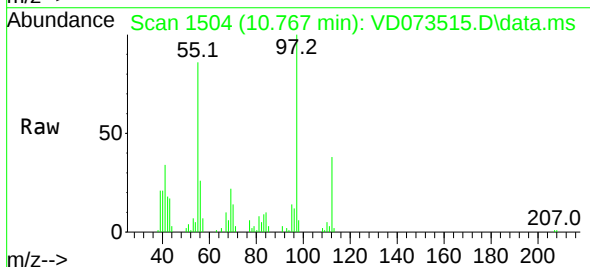
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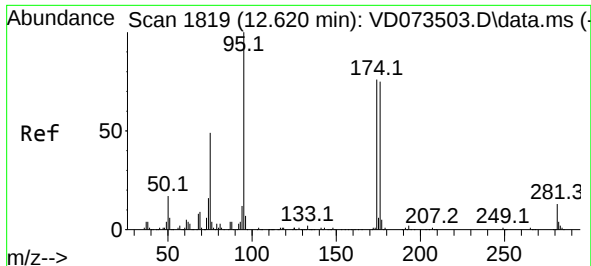
Tgt Ion: 98 Resp: 818498
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#55
1,1,2-Trichloroethane
Concen: 11.061 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073515.D
Acq: 09 Jun 2022 18:47

Tgt Ion: 97 Resp: 38739
Ion Ratio Lower Upper
97 100
83 9.0 69.0 103.4#
85 3.2 42.6 63.8#
99 0.0 51.7 77.5#

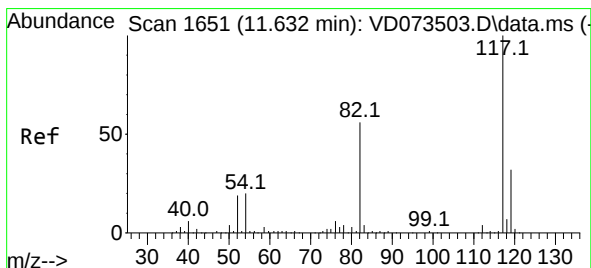
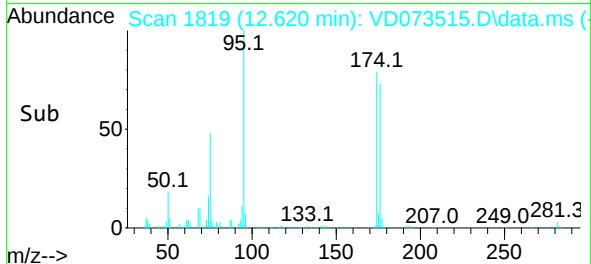
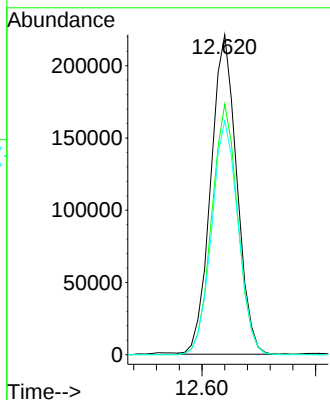
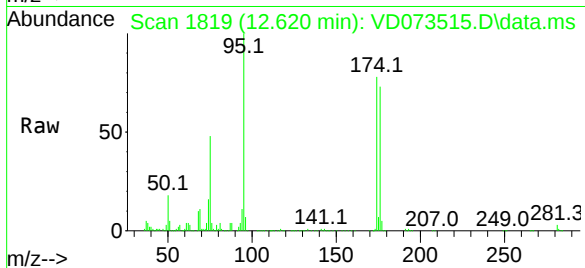




#62
4-Bromofluorobenzene
Concen: 63.611 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073515.D
Acq: 09 Jun 2022 18:47

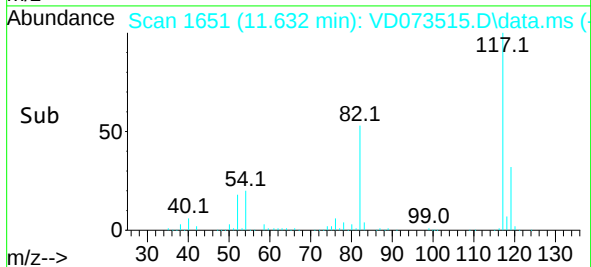
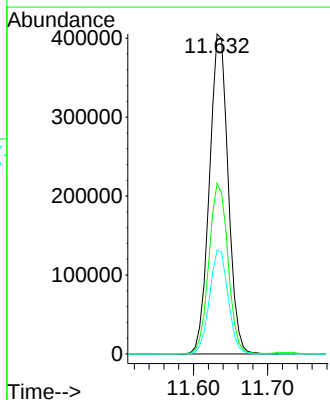
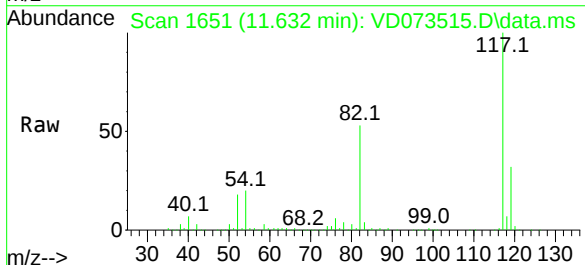
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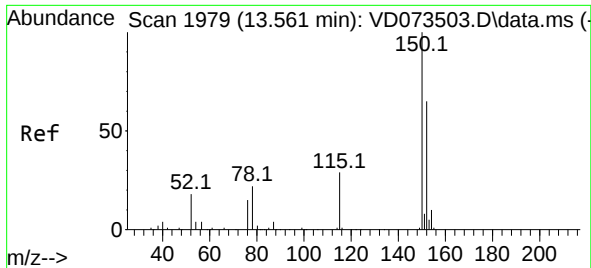
Tgt Ion: 95 Resp: 351650
Ion Ratio Lower Upper
95 100
174 78.4 0.0 152.8
176 74.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073515.D
Acq: 09 Jun 2022 18:47

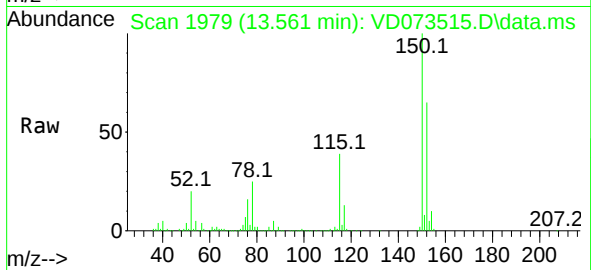
Tgt Ion: 117 Resp: 710804
Ion Ratio Lower Upper
117 100
82 53.2 45.3 67.9
119 32.4 26.6 40.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073515.D
 Acq: 09 Jun 2022 18:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion:152 Resp: 357741
 Ion Ratio Lower Upper
 152 100
 115 59.0 31.3 93.8
 150 157.0 0.0 348.6

