

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072391.D
 Acq On : 23 Mar 2022 18:37
 Operator : VA/SY
 Sample : N2077-01
 Misc : 4.62G/5.00mL/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-4-(2.5-3.0)

Quant Time: Mar 24 00:54:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

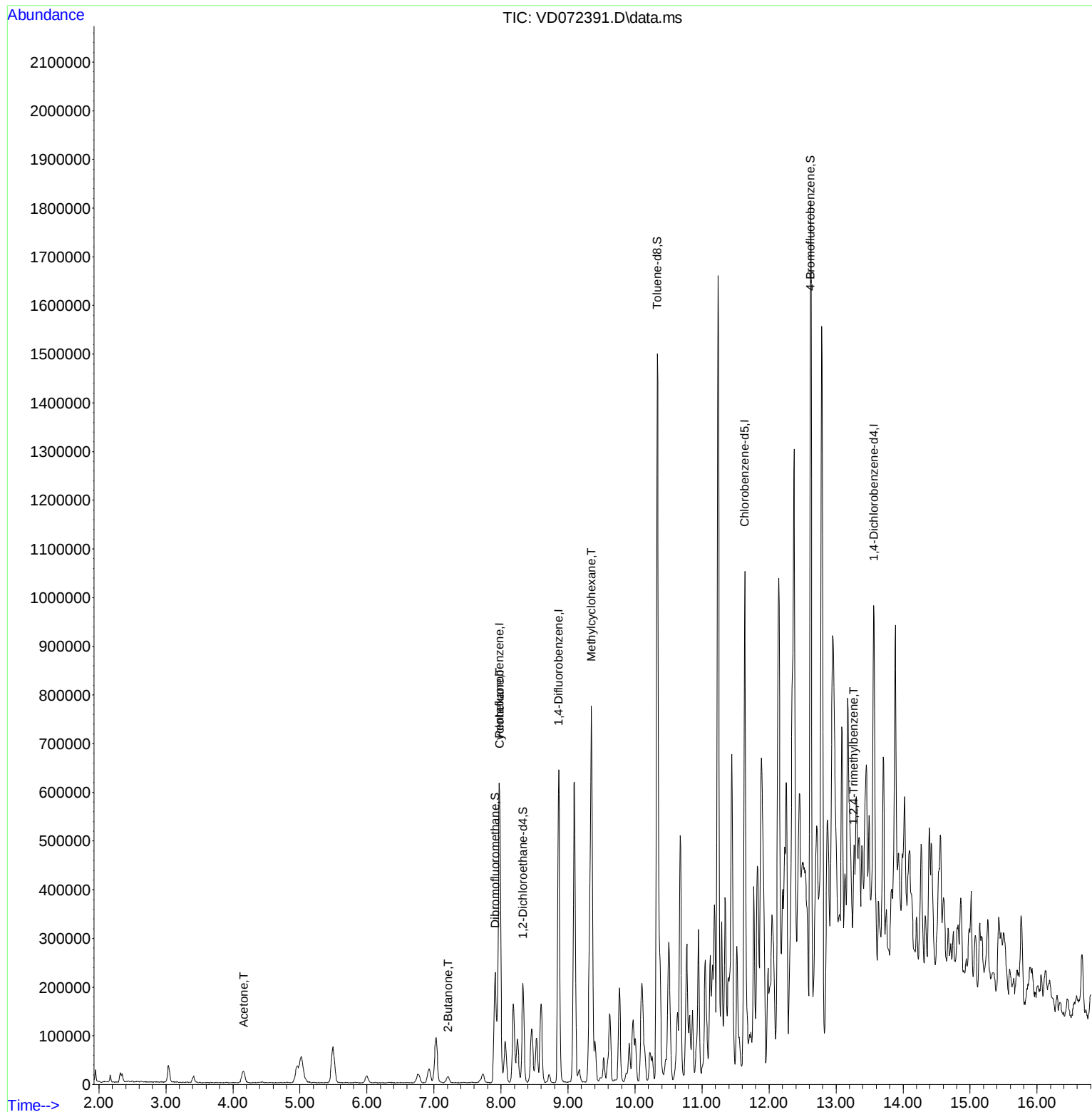
Internal Standards						
1) Pentafluorobenzene	7.973	168	325844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	541015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	551830	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	198577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	160309	44.146	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	88.300%	
35) Dibromofluoromethane	7.915	113	164301	43.156	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	86.320%	
50) Toluene-d8	10.332	98	699937	50.279	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	100.560%	
62) 4-Bromofluorobenzene	12.620	95	281112	51.971	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	103.940%	
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	38183	48.429	ug/l	100
25) 2-Butanone	7.215	43	12246	11.649	ug/l	91
31) Cyclohexane	7.979	56	103315	18.210	ug/l #	90
39) Methylcyclohexane	9.350	83	288018	47.922	ug/l	91
84) 1,2,4-Trimethylbenzene	13.261	105	20592	1.546	ug/l	97

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

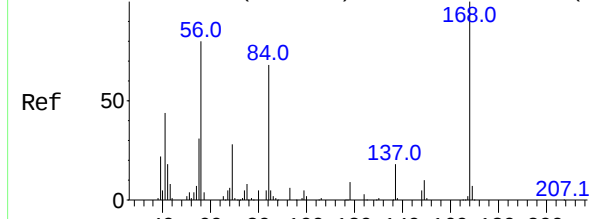
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
Data File : VD072391.D
Acq On : 23 Mar 2022 18:37
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Sample : N2077-01
Misc : 4.62G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-4-(2.5-3.0)

Quant Time: Mar 24 00:54:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration



Abundance Scan 1029 (7.973 min): VD072146.D\data.ms (-1014)



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072391.D

Acq: 23 Mar 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :

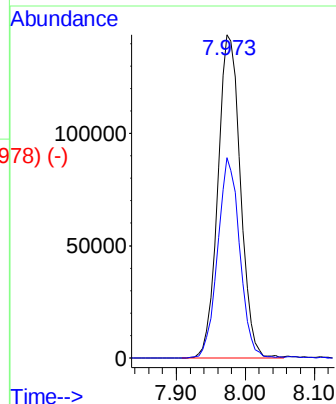
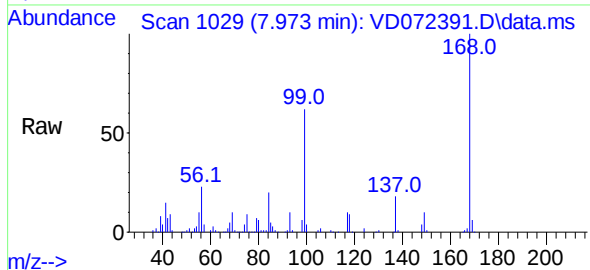
WC-14A-4-(2.5-3.0)

Tgt Ion:168 Resp: 325844

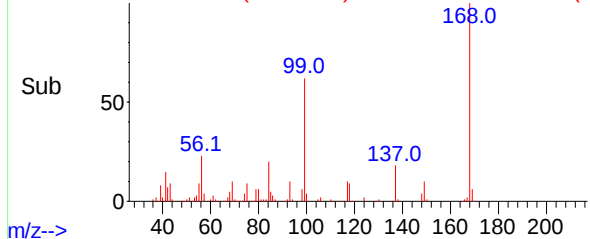
Ion Ratio Lower Upper

168 100

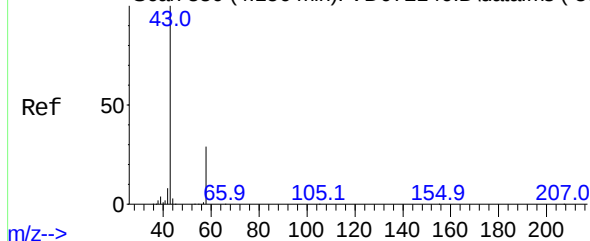
99 62.0 49.8 74.6



Abundance Scan 1029 (7.973 min): VD072391.D\data.ms (-978)



Abundance Scan 380 (4.156 min): VD072146.D\data.ms (-361)



Acetone

Concen: 48.429 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD072391.D

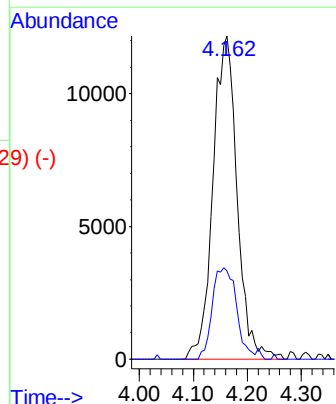
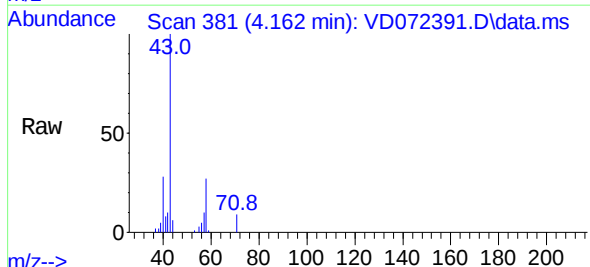
Acq: 23 Mar 2022 18:37

Tgt Ion: 43 Resp: 38183

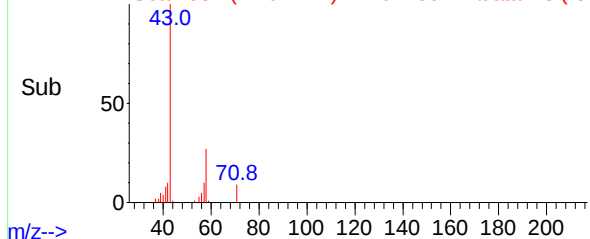
Ion Ratio Lower Upper

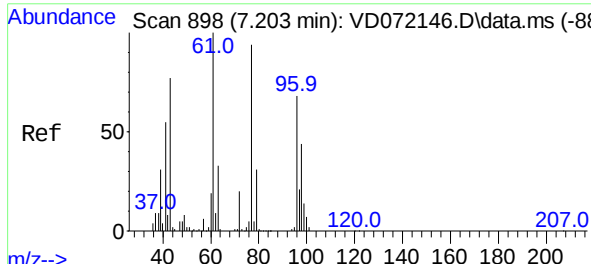
43 100

58 27.4 22.1 33.1



Abundance Scan 381 (4.162 min): VD072391.D\data.ms (-329)

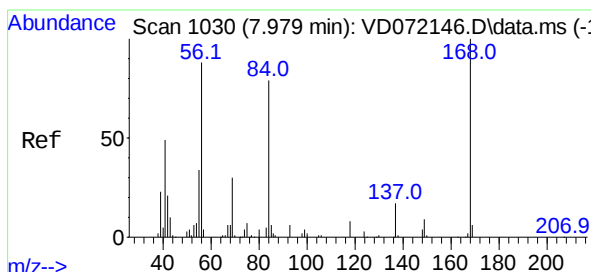
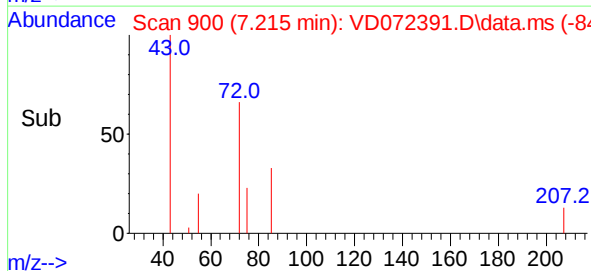
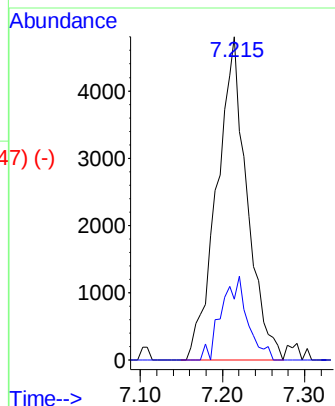
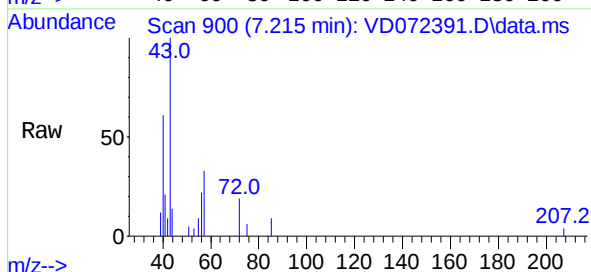




2-Butanone
Concen: 11.649 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.012 min
Lab File: VD072391.D
Acq: 23 Mar 2022 18:37

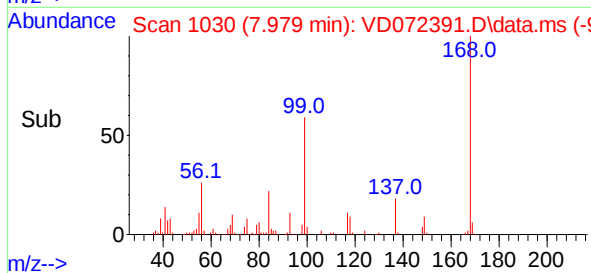
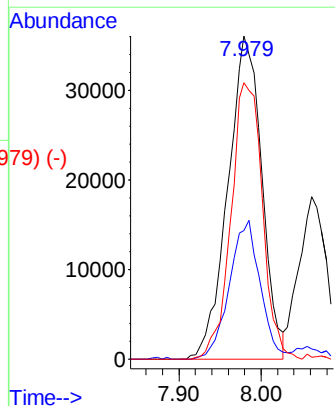
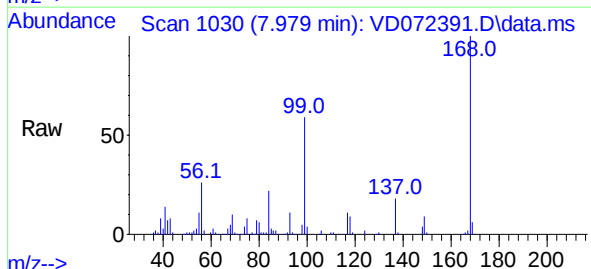
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-4-(2.5-3.0)

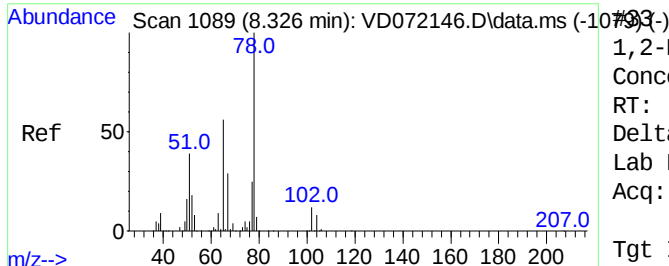
Tgt Ion: 43 Resp: 12246
Ion Ratio Lower Upper
43 100
72 18.9 18.6 27.8



Cyclohexane
Concen: 18.210 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072391.D
Acq: 23 Mar 2022 18:37

Tgt Ion: 56 Resp: 103315
Ion Ratio Lower Upper
56 100
69 39.8 25.4 38.2#
84 85.6 63.0 94.4

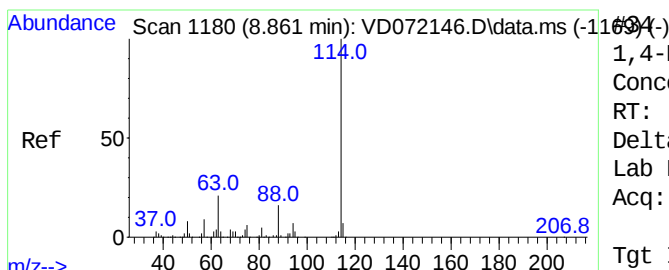
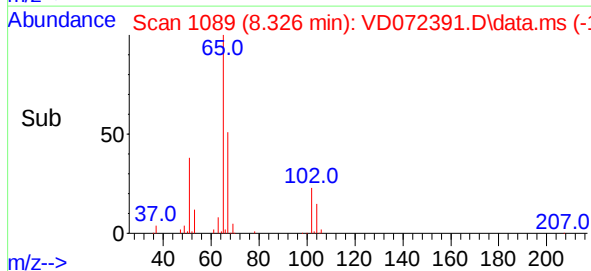
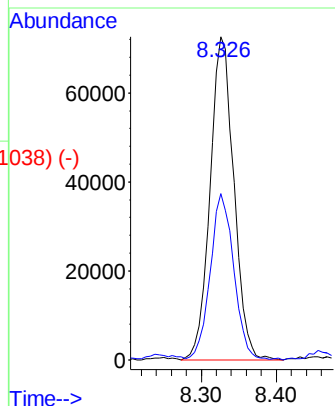
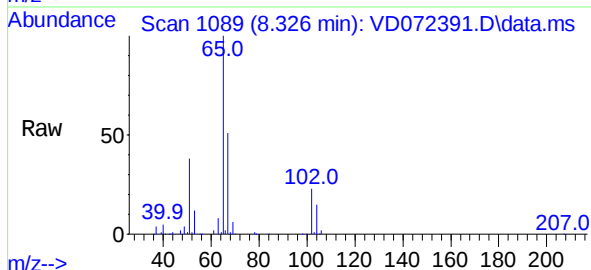




1,2-Dichloroethane-d4
Concen: 44.146 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072391.D
Acq: 23 Mar 2022 18:37

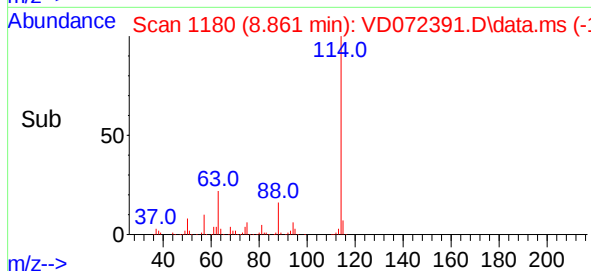
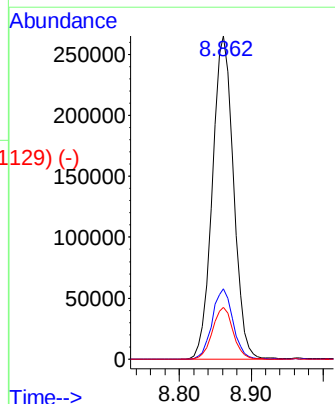
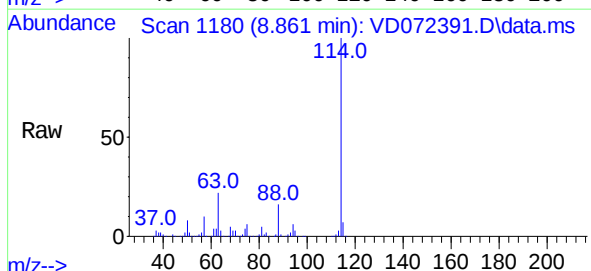
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-4(2.5-3.0)

Tgt Ion: 65 Resp: 160309
Ion Ratio Lower Upper
65 100
67 50.1 0.0 101.4

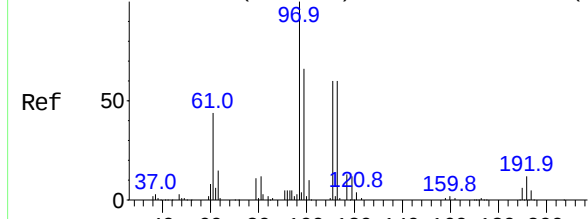


1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072391.D
Acq: 23 Mar 2022 18:37

Tgt Ion:114 Resp: 541015
Ion Ratio Lower Upper
114 100
63 21.8 0.0 46.6
88 16.0 0.0 33.2



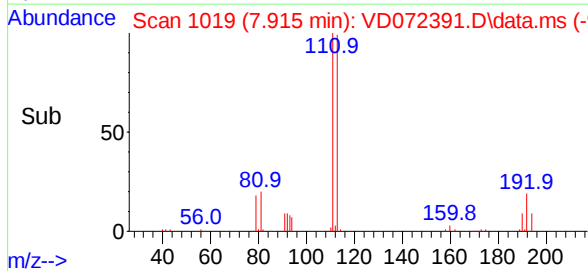
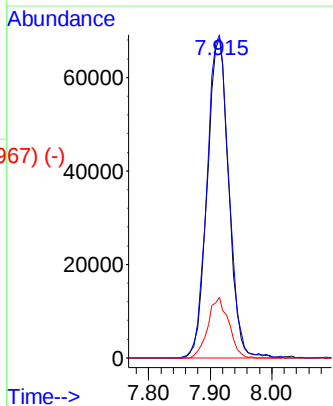
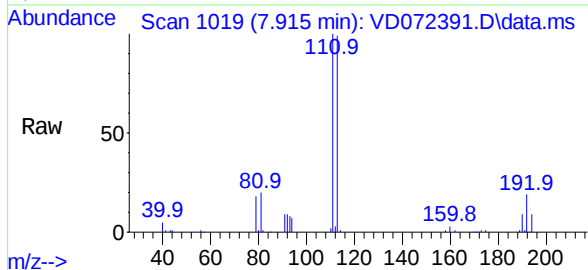
Abundance Scan 1018 (7.908 min): VD072146.D\data.ms (-1008)



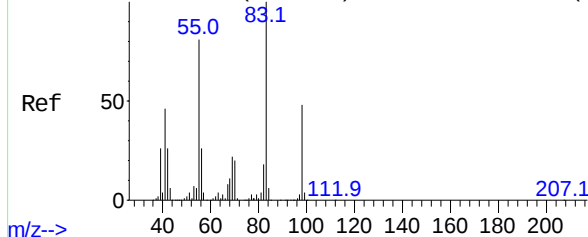
Dibromofluoromethane
Concen: 43.156 ug/l
RT: 7.915 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072391.D
Acq: 23 Mar 2022 18:37

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-4-(2.5-3.0)

Tgt Ion:	113	Resp:	164301
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.8	125.6
192	18.4	14.6	21.8

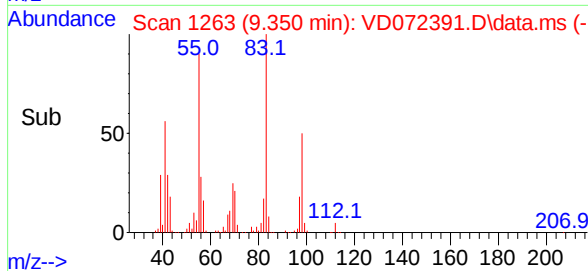
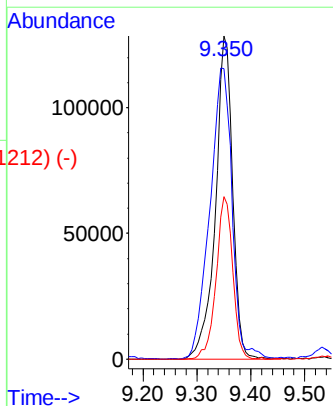
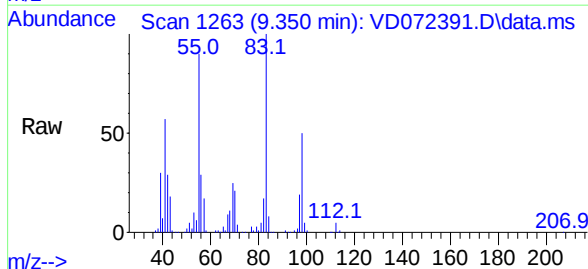


Abundance Scan 1263 (9.350 min): VD072146.D\data.ms (-1253)



Methylcyclohexane
Concen: 47.922 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072391.D
Acq: 23 Mar 2022 18:37

Tgt Ion:	83	Resp:	288018
Ion	Ratio	Lower	Upper
83	100		
55	90.0	63.2	94.8
98	50.4	38.2	57.4



Abundance Scan 1430 (10.332 min): VD072146.D\data.ms (-1450) (-)

Toluene-d8

Concen: 50.279 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD072391.D

Acq: 23 Mar 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-4-(2.5-3.0)

Tgt Ion: 98 Resp: 699937

Ion Ratio Lower Upper

98 100

100 64.8 52.4 78.6

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1430 (10.332 min): VD072391.D\data.ms

m/z-->

Abundance

10.332

300000

200000

100000

0

Time-->

10.20

10.40

Abundance Scan 1819 (12.620 min): VD072146.D\data.ms (-1860) (-)

4-Bromofluorobenzene

Concen: 51.971 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD072391.D

Acq: 23 Mar 2022 18:37

Tgt Ion: 95 Resp: 281112

Ion Ratio Lower Upper

95 100

174 68.6 0.0 152.8

176 67.0 0.0 145.4

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

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m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

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m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance Scan 1819 (12.620 min): VD072391.D\data.ms

m/z-->

Abundance

12.620

150000

100000

50000

0

Time-->

12.60

12.65

Abundance Scan 1652 (11.638 min): VD072146.D\data.ms (-1668) (-)

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1668

Delta R.T. 0.000 min

Lab File: VD072391.D

Acq: 23 Mar 2022 18:37

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-4(2.5-3.0)

Tgt Ion:117 Resp: 551830

Ion Ratio Lower Upper

117 100

82 56.6 45.3 67.9

119 33.7 26.6 40.0

m/z-->

Abundance Scan 1652 (11.638 min): VD072391.D\data.ms

Raw

m/z-->

Abundance Scan 1652 (11.638 min): VD072391.D\data.ms (-1601209)

Sub

m/z-->

Abundance

Time-->

Abundance Scan 1980 (13.567 min): VD072146.D\data.ms (-1972) (-)

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD072391.D

Acq: 23 Mar 2022 18:37

Tgt Ion:152 Resp: 198577

Ion Ratio Lower Upper

152 100

115 54.8 31.3 93.8

150 143.5 0.0 348.6

m/z-->

Abundance Scan 1979 (13.561 min): VD072391.D\data.ms

Raw

m/z-->

Abundance Scan 1979 (13.561 min): VD072391.D\data.ms (-1929) (-)

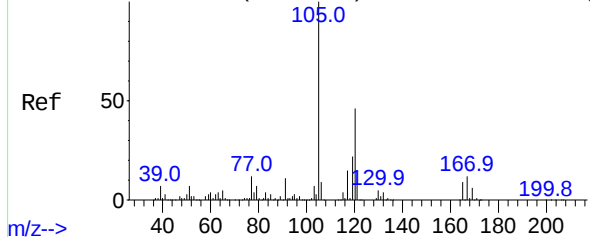
Sub

m/z-->

Abundance

Time-->

Abundance Scan 1928 (13.261 min): VD072146.D\data.ms (-1877) (-)



1,2,4-Trimethylbenzene

Concen: 1.546 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD072391.D

Acq: 23 Mar 2022 18:37

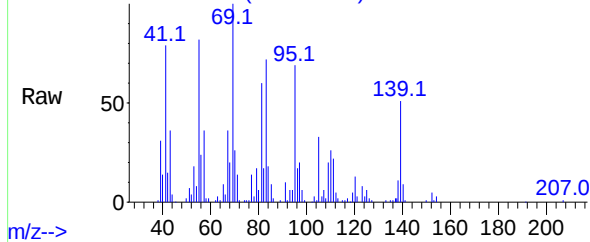
Instrument :

MSVOA_D

ClientSampleId :

WC-14A-4-(2.5-3.0)

Abundance Scan 1928 (13.261 min): VD072391.D\data.ms



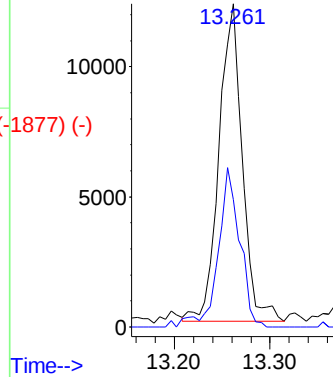
Tgt Ion:105 Resp: 20592

Ion Ratio Lower Upper

105 100

120 46.7 22.3 66.8

Abundance



Abundance Scan 1928 (13.261 min): VD072391.D\data.ms (-1877) (-)

