

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073643.D
 Acq On : 21 Jun 2022 13:26
 Operator : VA/SY
 Sample : N3422-09
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-1A-13

Quant Time: Jun 22 06:00:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

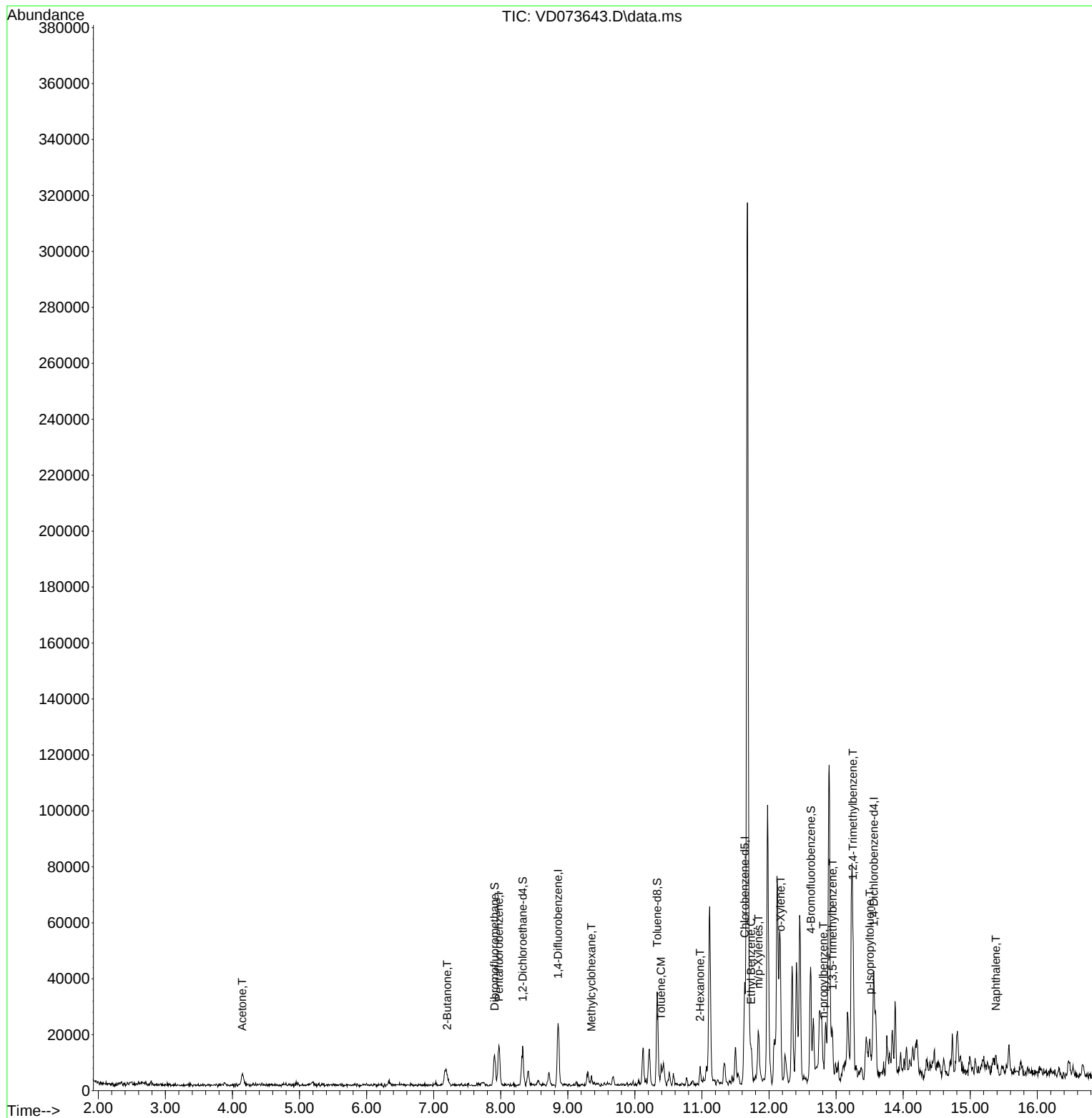
Internal Standards						
1) Pentafluorobenzene	7.973	168	10170	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	18662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8720	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10480	89.560	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 179.120%#	
35) Dibromofluoromethane	7.909	113	7831	57.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.680%	
50) Toluene-d8	10.332	98	20131	41.545	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.080%	
62) 4-Bromofluorobenzene	12.626	95	9067	51.024	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.144	43	6020	323.602	ug/l	# 85
25) 2-Butanone	7.203	43	4233	156.310	ug/l	97
39) Methylcyclohexane	9.350	83	1233	5.868	ug/l	# 62
52) Toluene	10.391	92	2581	7.199	ug/l	77
59) 2-Hexanone	10.973	43	4435	91.197	ug/l	92
67) Ethyl Benzene	11.732	91	4358	6.449	ug/l	# 85
68) m/p-Xylenes	11.844	106	4885	18.358	ug/l	95
69) o-Xylene	12.173	106	3540	14.273	ug/l	100
78) n-propylbenzene	12.808	91	1808	2.346	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	4110	7.649	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	10340	19.507	ug/l	93
86) p-Isopropyltoluene	13.502	119	3625	6.345	ug/l	83
95) Naphthalene	15.385	128	6520	22.746	ug/l	# 86

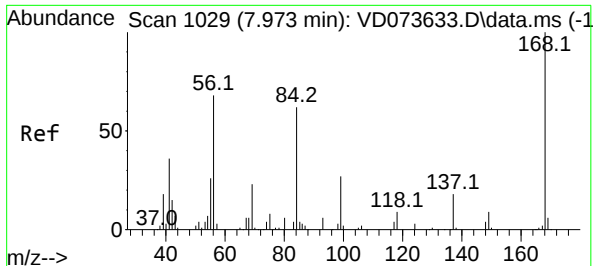
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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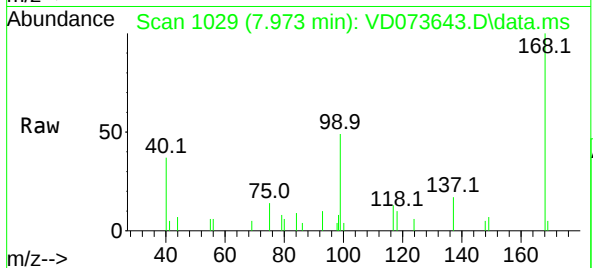
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 21 05:24:45 2022
Response via : Initial Calibration



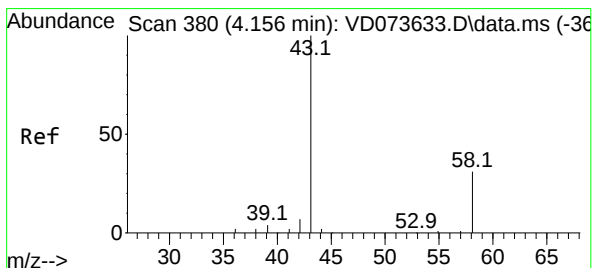
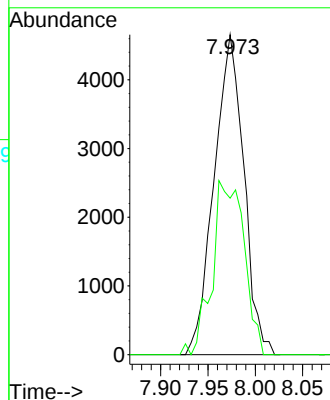
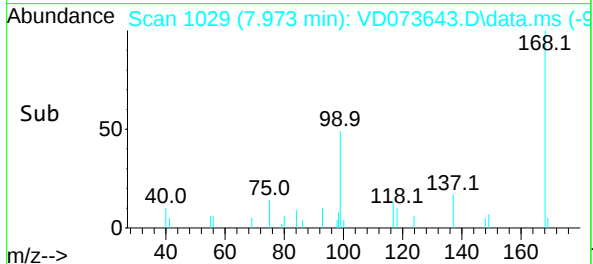


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13

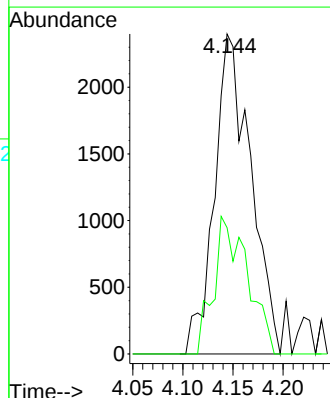
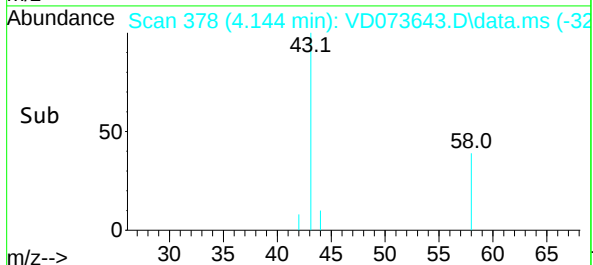
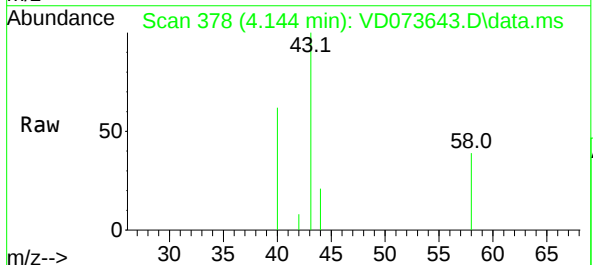


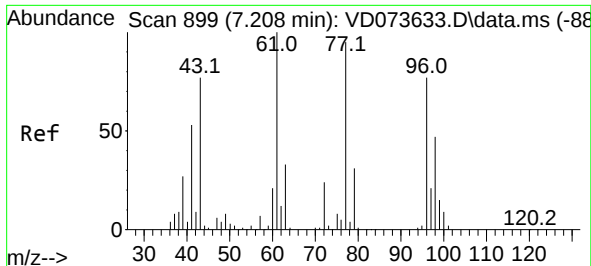
Tgt Ion:168 Resp: 10170
Ion Ratio Lower Upper
168 100
99 48.9 47.4 71.0



#16
Acetone
Concen: 323.602 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion: 43 Resp: 6020
Ion Ratio Lower Upper
43 100
58 39.4 25.0 37.4#

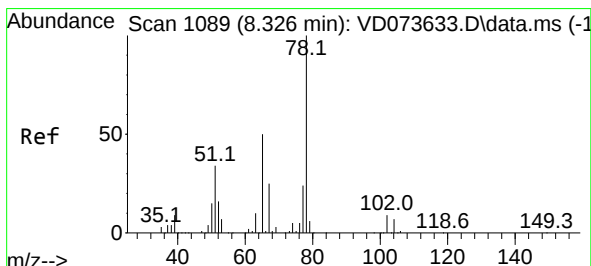
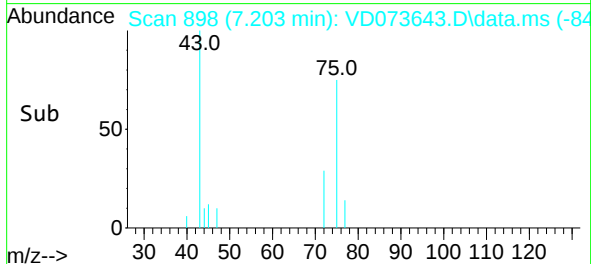
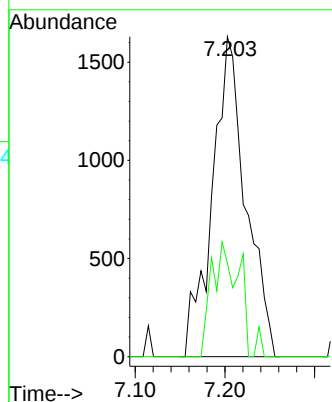
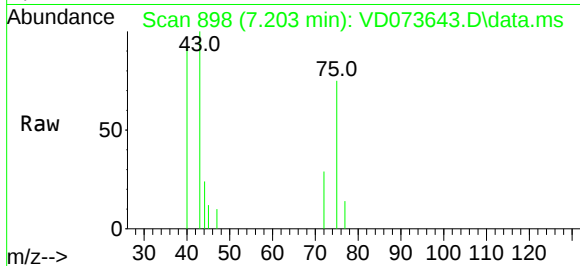




#25
2-Butanone
Concen: 156.310 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

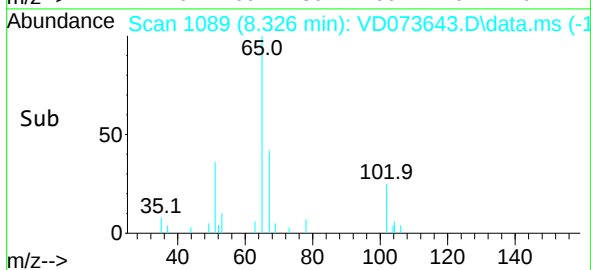
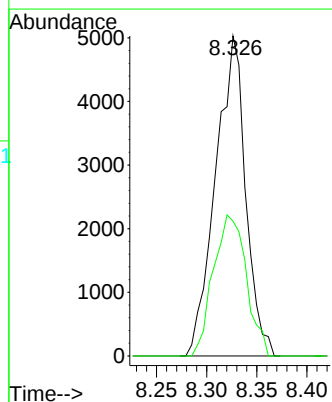
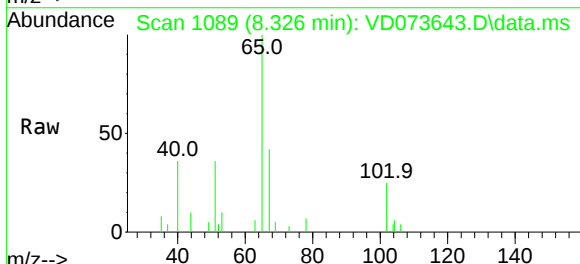
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13

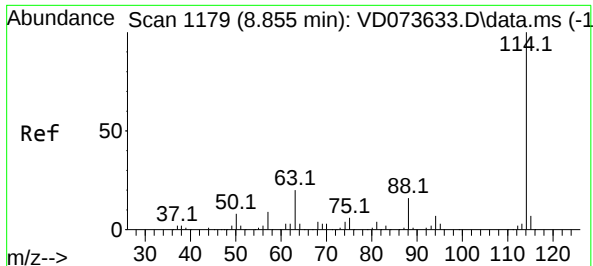
Tgt Ion: 43 Resp: 4233
Ion Ratio Lower Upper
43 100
72 29.2 24.7 37.1



#33
1,2-Dichloroethane-d4
Concen: 89.560 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion: 65 Resp: 10480
Ion Ratio Lower Upper
65 100
67 48.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073643.D

Acq: 21 Jun 2022 13:26

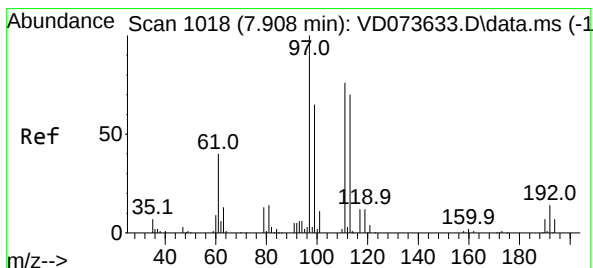
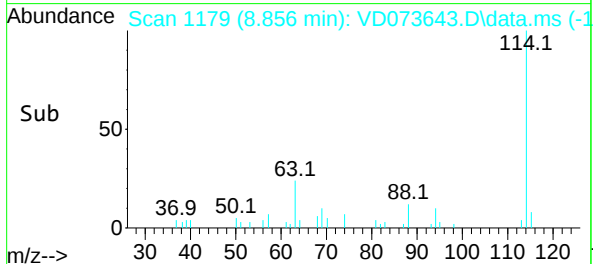
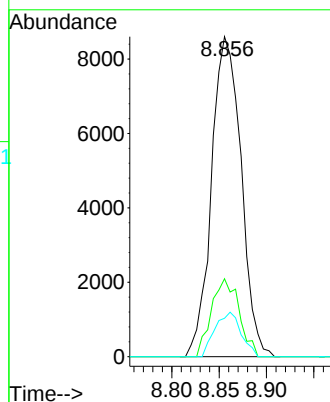
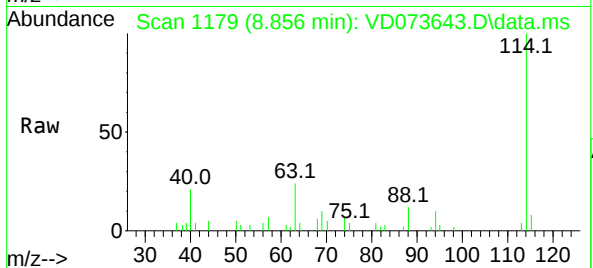
Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-13

Tgt Ion:114	Resp:	18662
Ion Ratio	Lower	Upper
114	100	
63	24.4	0.0 40.4
88	12.0	0.0 32.2



#35

Dibromofluoromethane

Concen: 57.844 ug/l

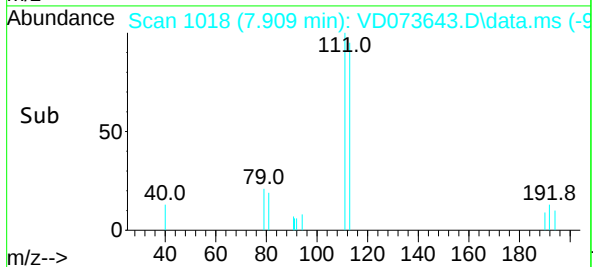
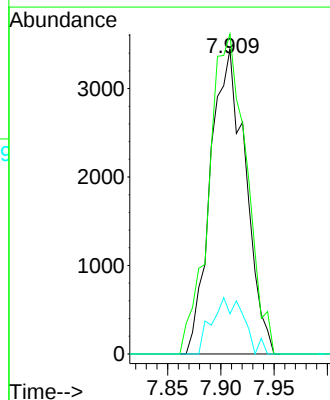
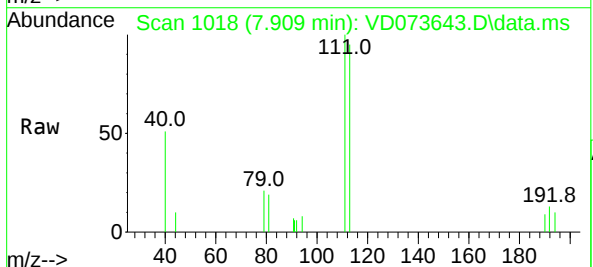
RT: 7.909 min Scan# 1018

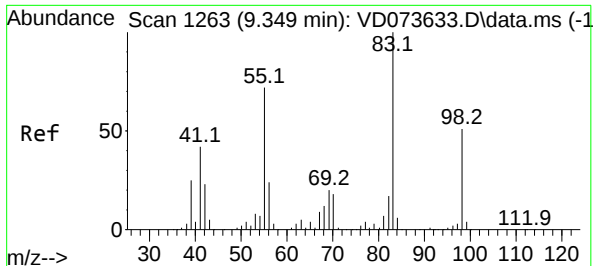
Delta R.T. 0.000 min

Lab File: VD073643.D

Acq: 21 Jun 2022 13:26

Tgt Ion:113	Resp:	7831
Ion Ratio	Lower	Upper
113	100	
111	112.7	81.1 121.7
192	16.9	14.3 21.5





#39

Methylcyclohexane

Concen: 5.868 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073643.D

Acq: 21 Jun 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-1A-13

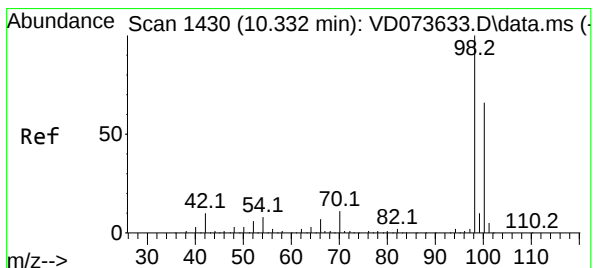
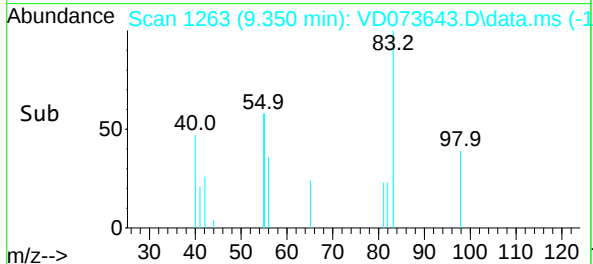
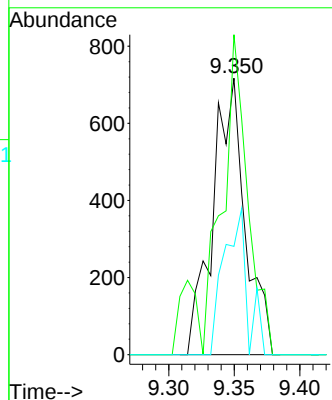
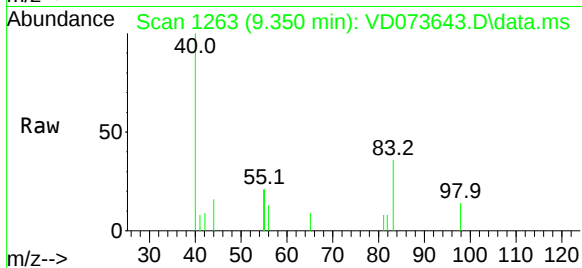
Tgt Ion: 83 Resp: 1233

Ion Ratio Lower Upper

83 100

55 115.8 57.4 86.2#

98 39.2 40.6 60.8#



#50

Toluene-d8

Concen: 41.545 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073643.D

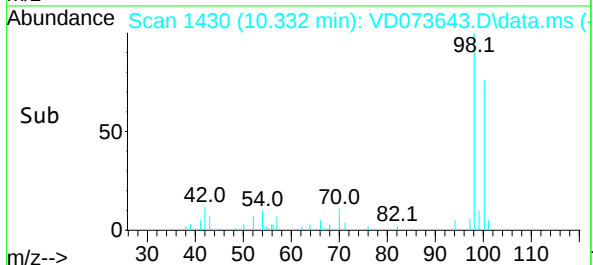
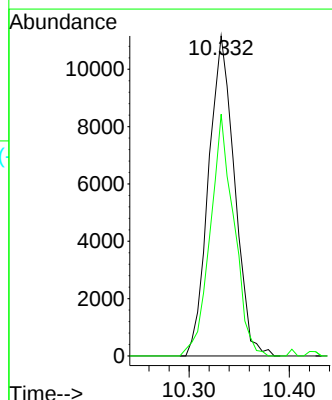
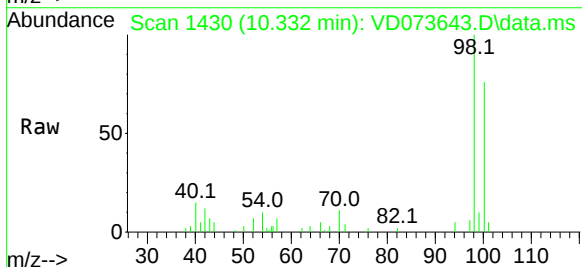
Acq: 21 Jun 2022 13:26

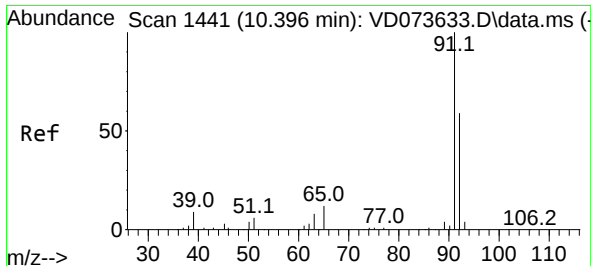
Tgt Ion: 98 Resp: 20131

Ion Ratio Lower Upper

98 100

100 69.1 51.4 77.2

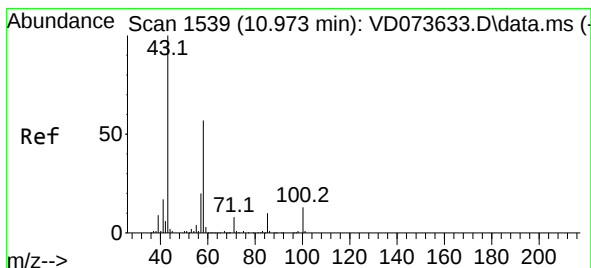
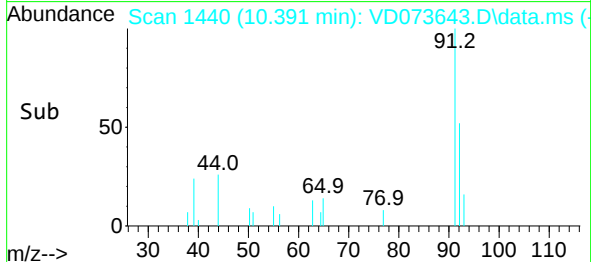
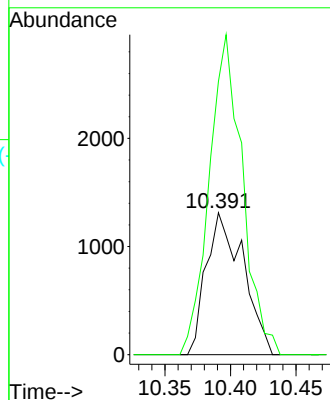
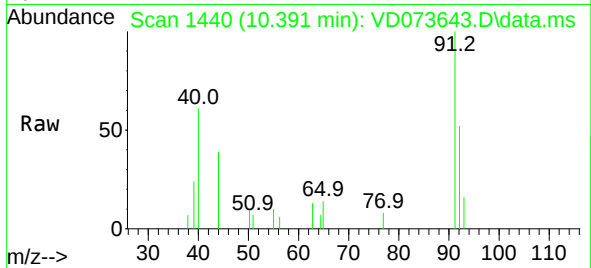




#52
Toluene
Concen: 7.199 ug/l
RT: 10.391 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

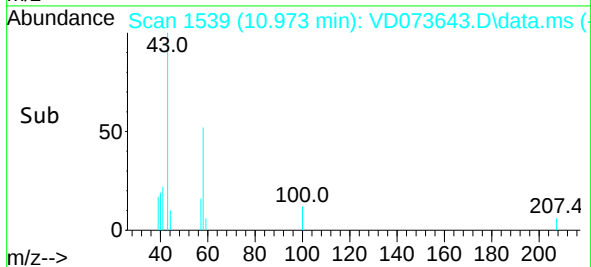
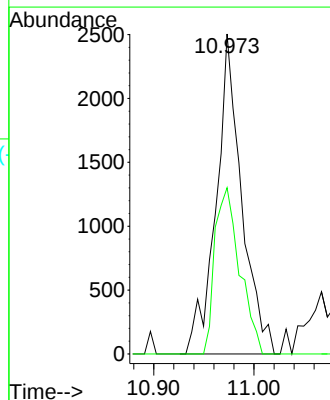
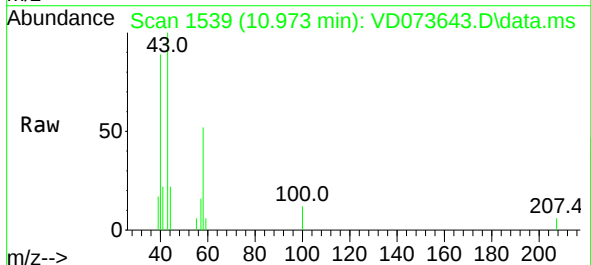
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13

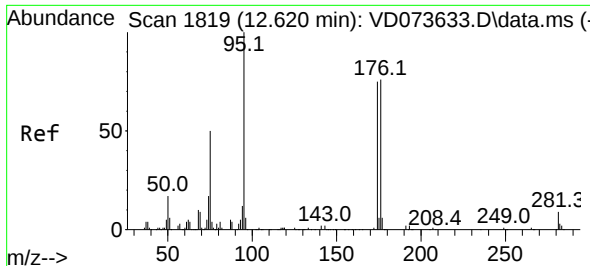
Tgt Ion: 92 Resp: 2581
Ion Ratio Lower Upper
92 100
91 202.1 136.1 204.1



#59
2-Hexanone
Concen: 91.197 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion: 43 Resp: 4435
Ion Ratio Lower Upper
43 100
58 50.6 28.1 84.2

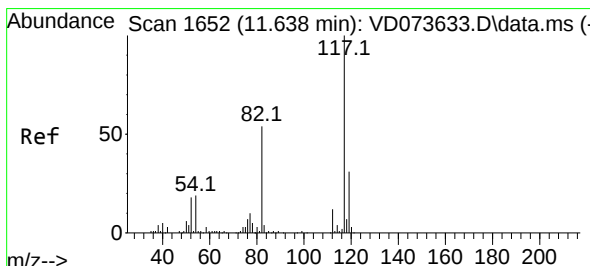
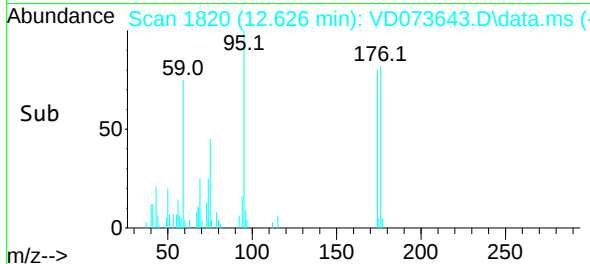
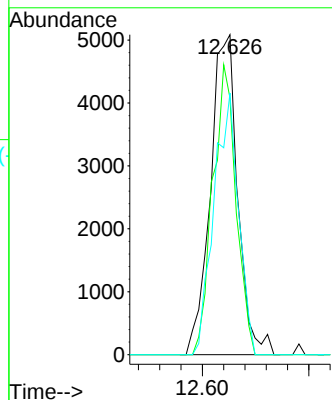
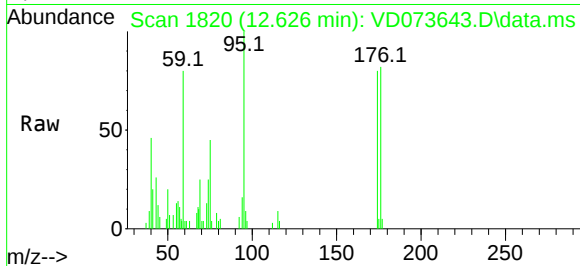




#62
4-Bromofluorobenzene
Concen: 51.024 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

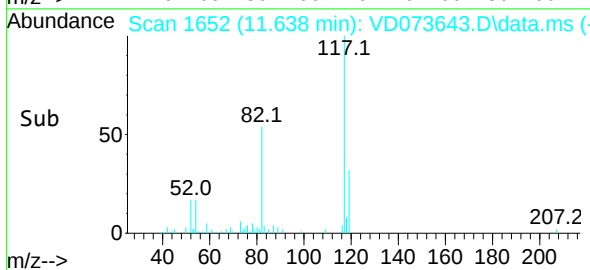
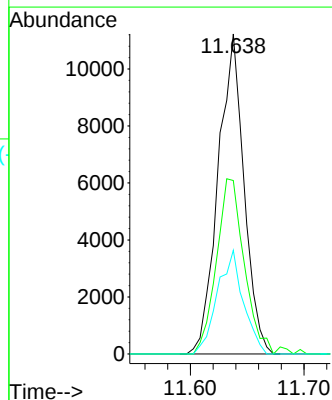
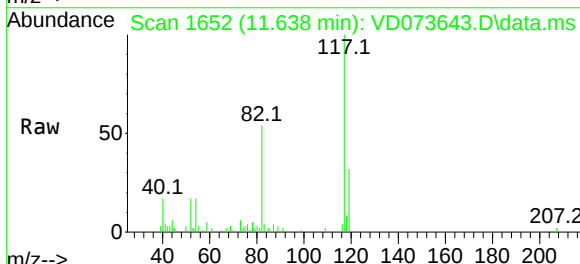
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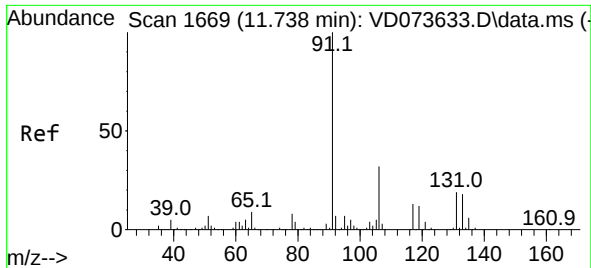
Tgt Ion:	95	Resp:	9067
Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	156.4
176	73.2	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion:	117	Resp:	17799
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.4	24.5	36.7

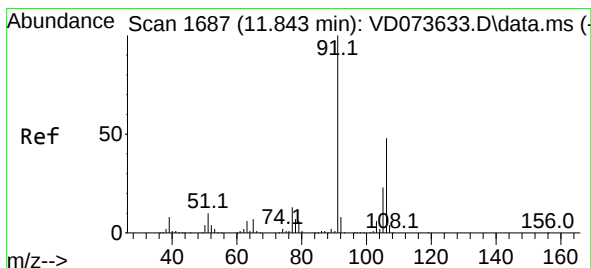
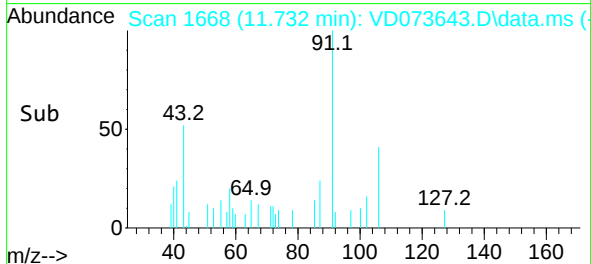
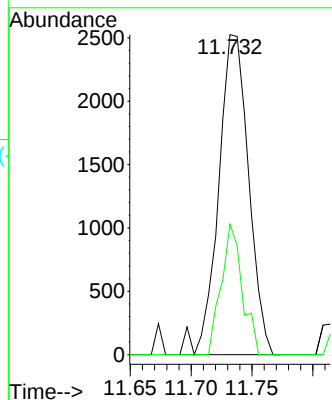
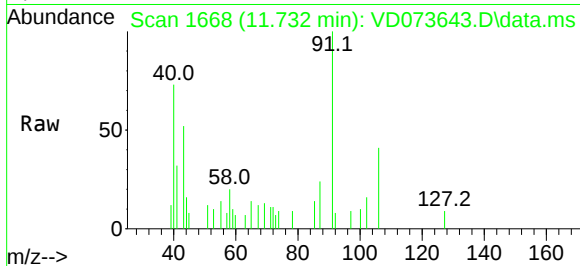




#67
Ethyl Benzene
Concen: 6.449 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

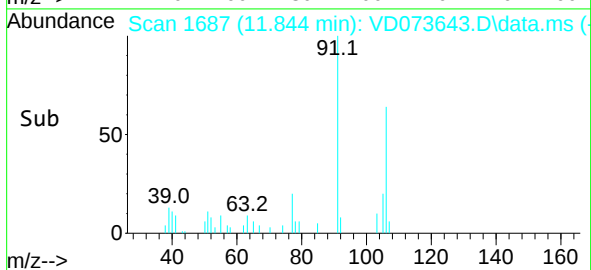
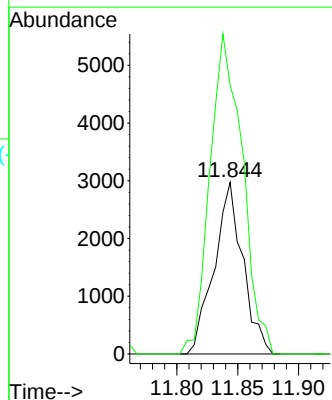
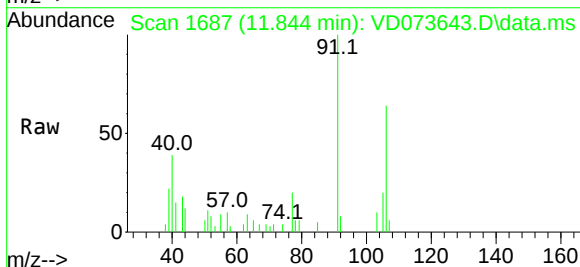
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13

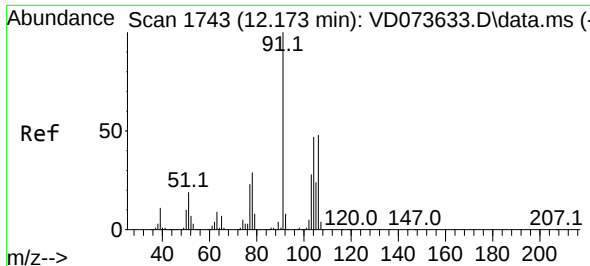
Tgt Ion: 91 Resp: 4358
Ion Ratio Lower Upper
91 100
106 40.8 25.8 38.6#



#68
m/p-Xylenes
Concen: 18.358 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion:106 Resp: 4885
Ion Ratio Lower Upper
106 100
91 211.0 162.7 244.1

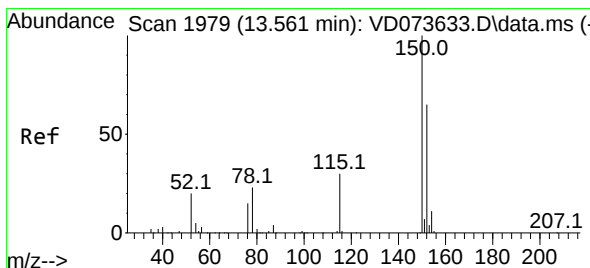
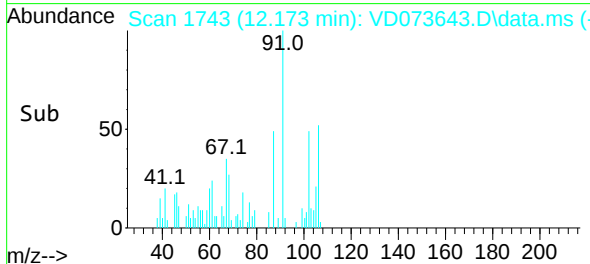
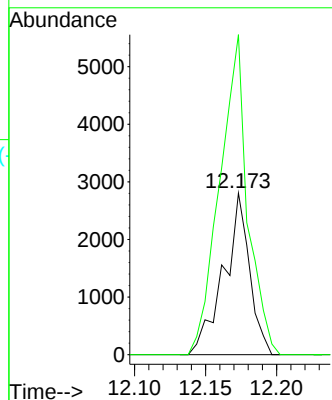
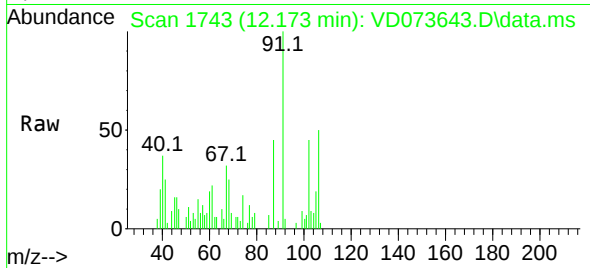




#69
o-Xylene
Concen: 14.273 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

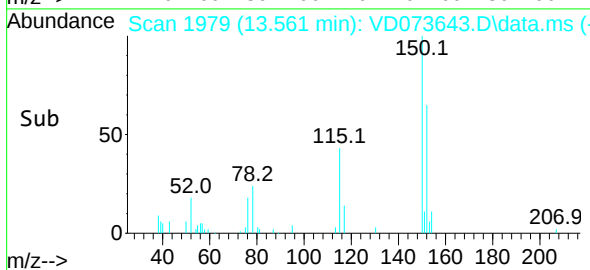
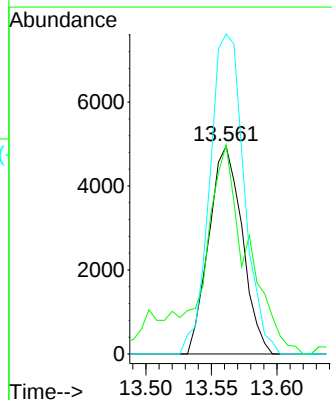
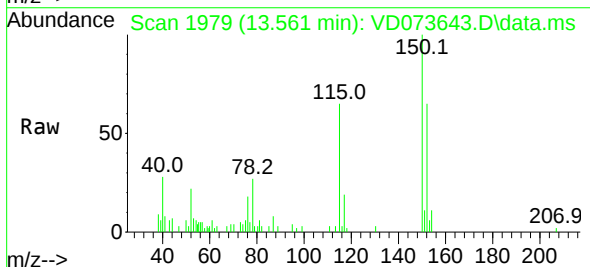
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13

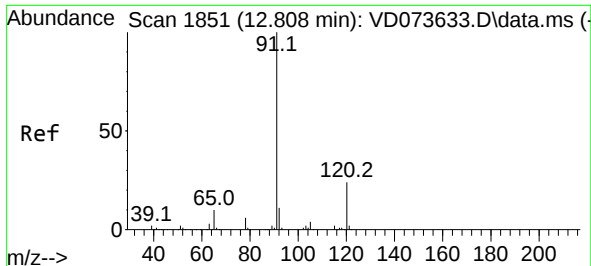
Tgt Ion:106 Resp: 3540
Ion Ratio Lower Upper
106 100
91 214.9 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion:152 Resp: 8720
Ion Ratio Lower Upper
152 100
115 120.2 29.6 88.9#
150 159.4 0.0 351.2

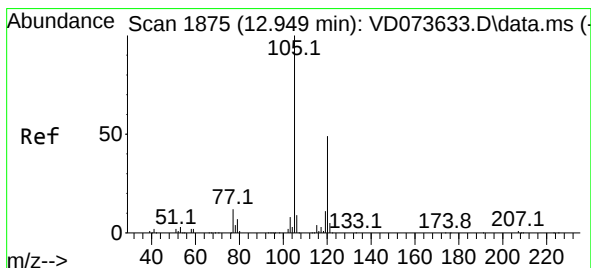
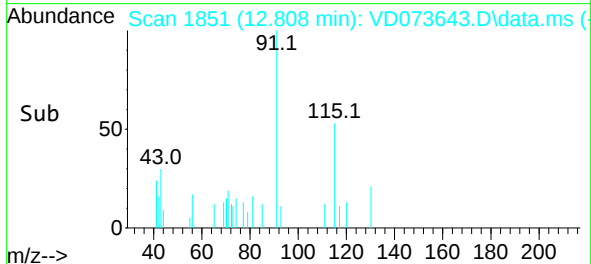
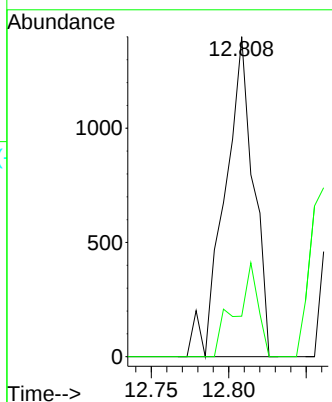
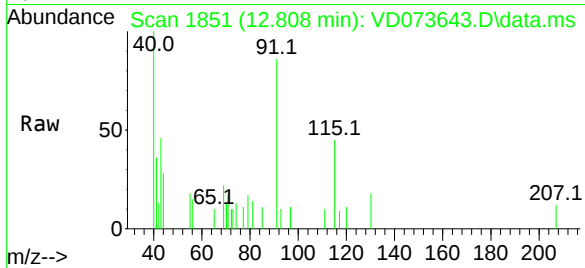




#78
n-propylbenzene
Concen: 2.346 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

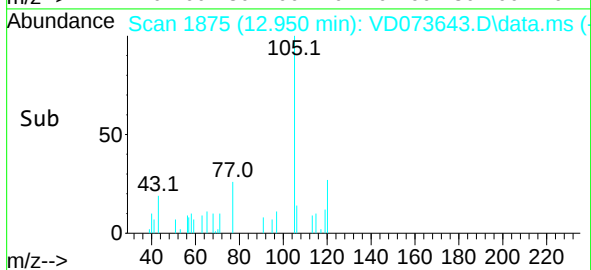
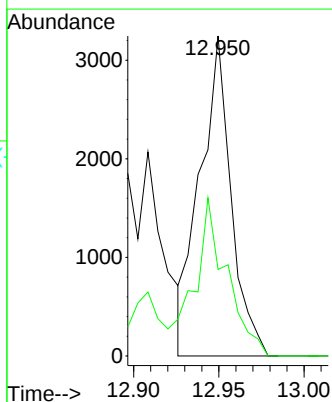
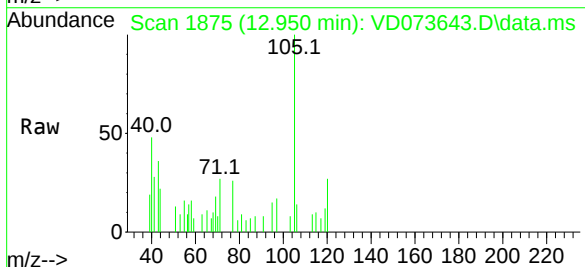
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13

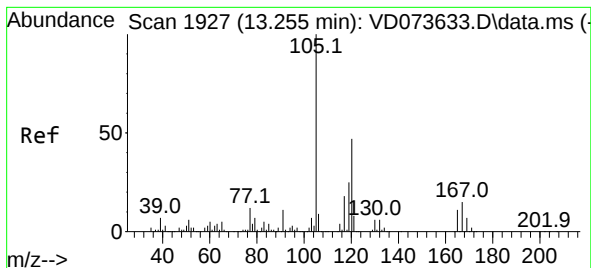
Tgt Ion: 91 Resp: 1808
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 7.649 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Tgt Ion: 105 Resp: 4110
Ion Ratio Lower Upper
105 100
120 51.0 24.4 73.2





#84

1,2,4-Trimethylbenzene

Concen: 19.507 ug/l

RT: 13.249 min Scan# 1926

Delta R.T. -0.006 min

Lab File: VD073643.D

Acq: 21 Jun 2022 13:26

Instrument :

MSVOA_D

ClientSampleId :

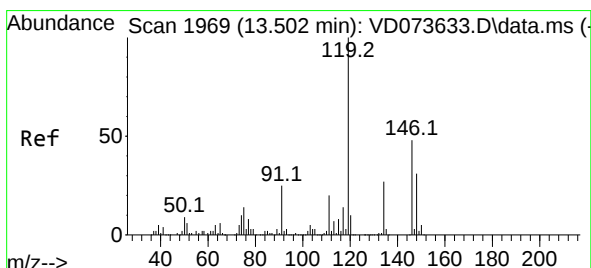
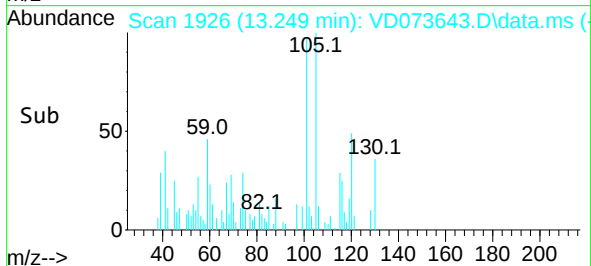
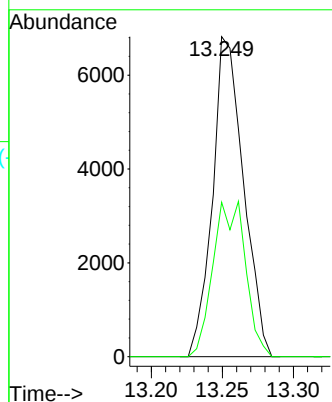
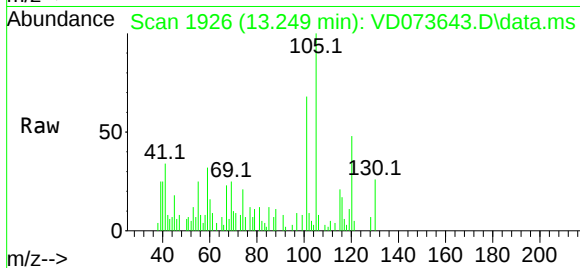
WC-14A-1A-13

Tgt Ion:105 Resp: 10340

Ion Ratio Lower Upper

105 100

120 50.8 23.1 69.2



#86

p-Isopropyltoluene

Concen: 6.345 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073643.D

Acq: 21 Jun 2022 13:26

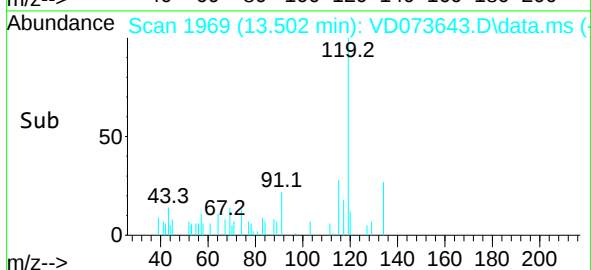
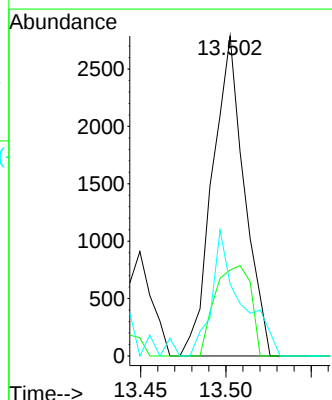
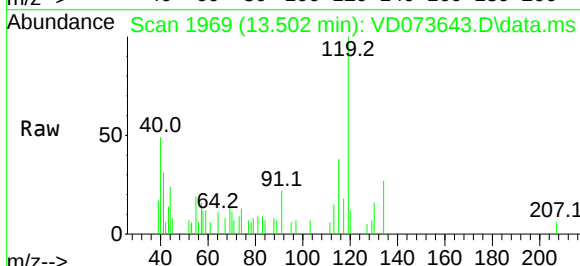
Tgt Ion:119 Resp: 3625

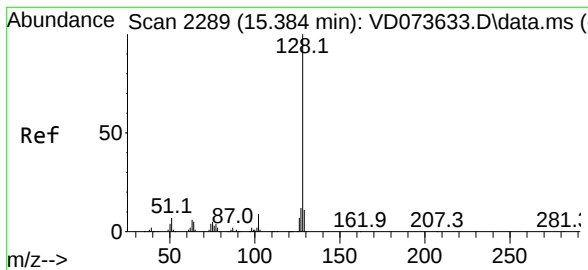
Ion Ratio Lower Upper

119 100

134 31.6 13.1 39.3

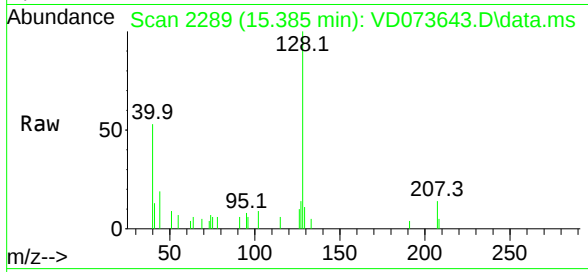
91 36.0 12.0 36.0





#95
Naphthalene
Concen: 22.746 ug/l
RT: 15.385 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD073643.D
Acq: 21 Jun 2022 13:26

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-1A-13



Tgt Ion:	128	Resp:	6520
Ion	Ratio	Lower	Upper
128	100		
127	17.5	10.3	15.5#
129	4.6	9.0	13.6#

