

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060222\
 Data File : VD073466.D
 Acq On : 02 Jun 2022 12:29
 Operator : VA/SY
 Sample : N3113-03
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-346

Quant Time: Jun 03 01:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

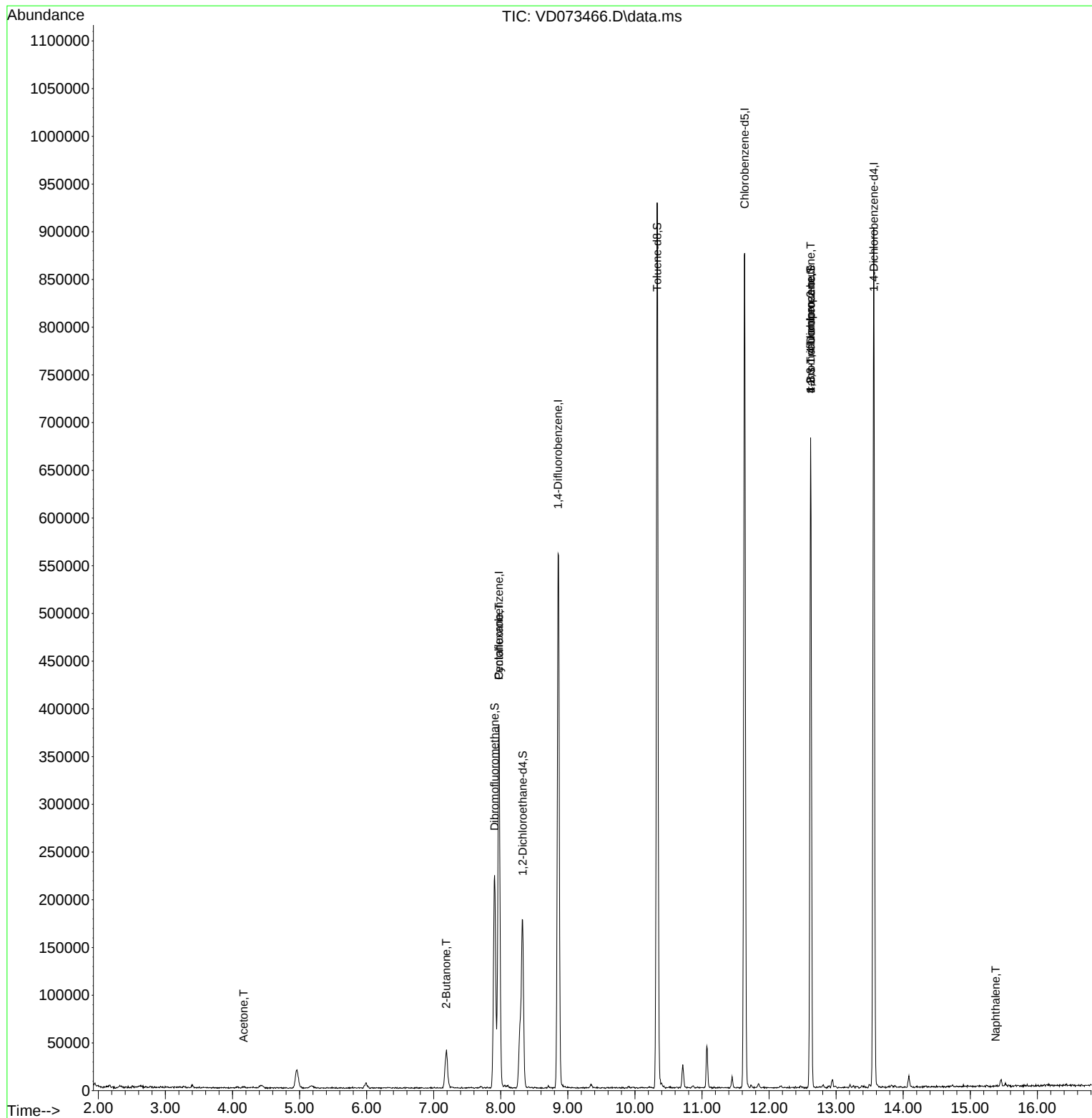
Internal Standards						
1) Pentafluorobenzene	7.973	168	273560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	499350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	528062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	135503	44.821	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.640%
35) Dibromofluoromethane	7.908	113	160301	48.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.300%
50) Toluene-d8	10.332	98	609075	50.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.620	95	223352	52.397	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.800%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	955	Below Cal		93
16) Acetone	4.167	43	1204	2.299	ug/l #	54
25) 2-Butanone	7.185	43	1730	2.258	ug/l #	52
31) Cyclohexane	7.973	56	6611	1.251	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	113260	48.390	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	113260	116.169	ug/l #	7
95) Naphthalene	15.379	128	396	3.589	ug/l #	86

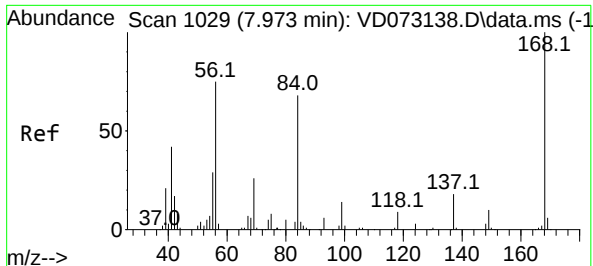
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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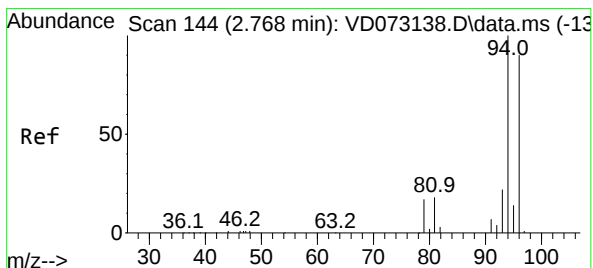
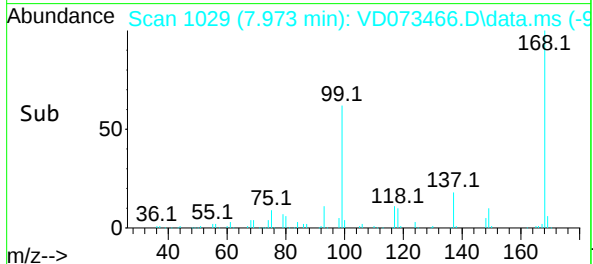
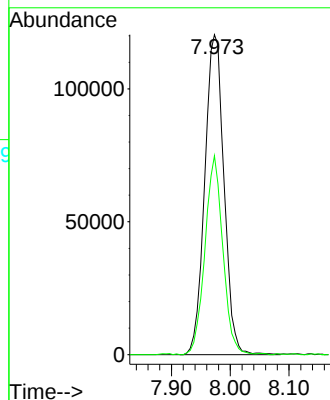
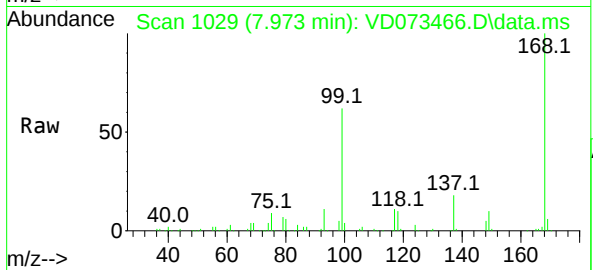




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

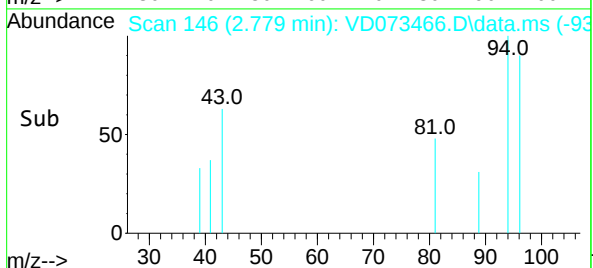
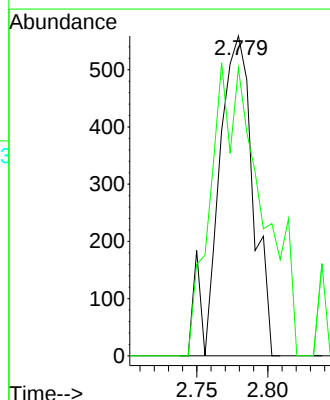
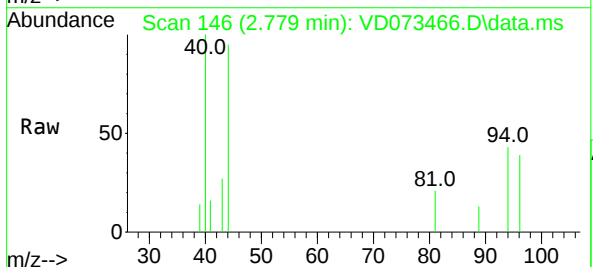
Instrument :
MSVOA_D
ClientSampleId :
RBR-346

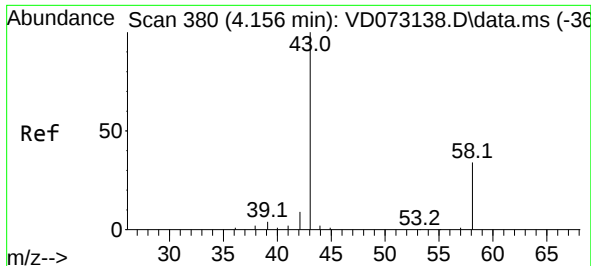
Tgt Ion:168 Resp: 273560
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

Tgt Ion: 94 Resp: 955
Ion Ratio Lower Upper
94 100
96 90.0 77.6 116.4





#16

Acetone

Concen: 2.299 ug/l

RT: 4.167 min Scan# 380

Delta R.T. 0.011 min

Lab File: VD073466.D

Acq: 02 Jun 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

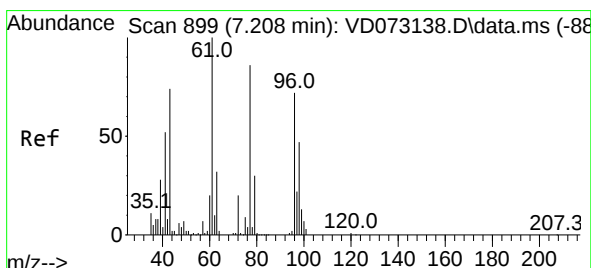
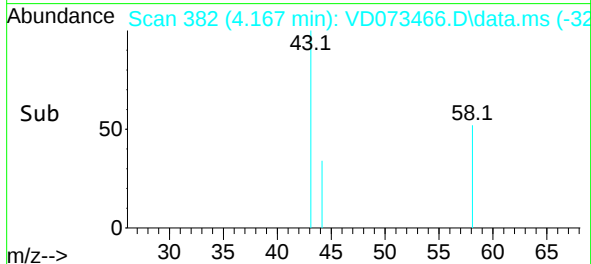
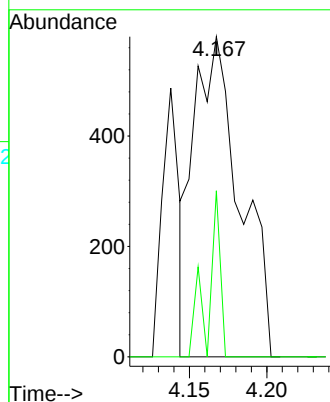
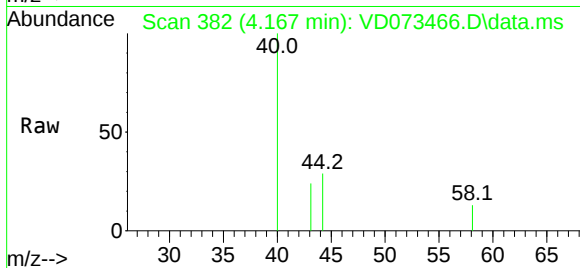
RBR-346

Tgt Ion: 43 Resp: 1204

Ion Ratio Lower Upper

43 100

58 51.9 22.1 33.1#



#25

2-Butanone

Concen: 2.258 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.023 min

Lab File: VD073466.D

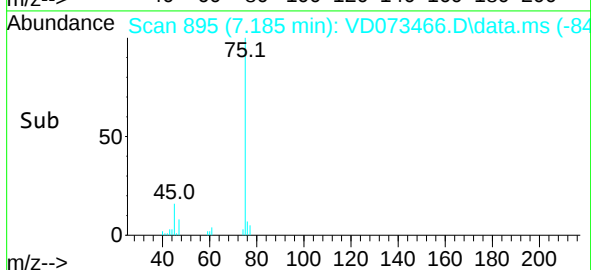
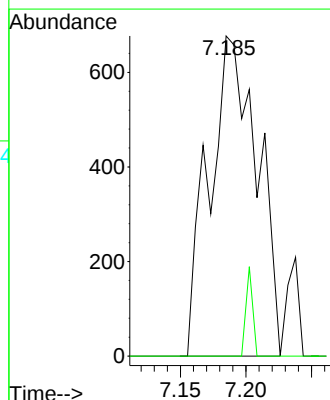
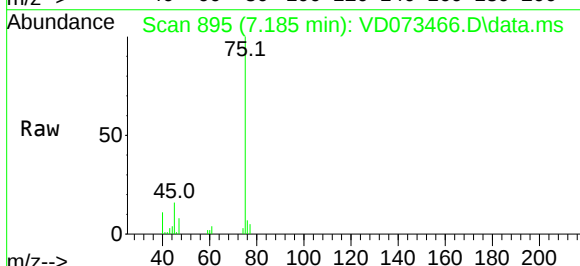
Acq: 02 Jun 2022 12:29

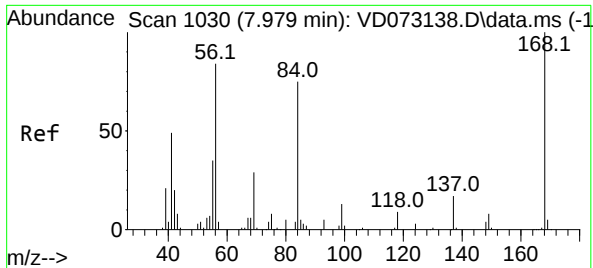
Tgt Ion: 43 Resp: 1730

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#

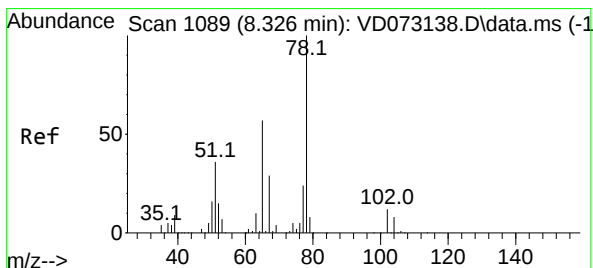
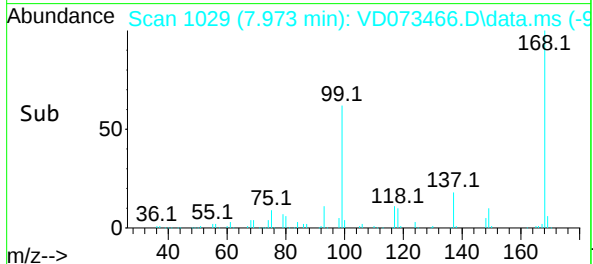
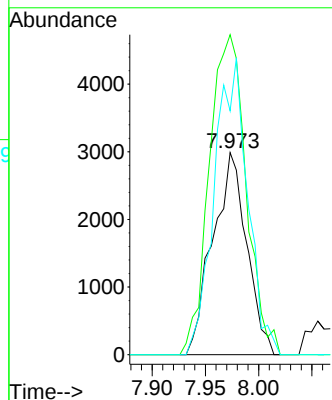
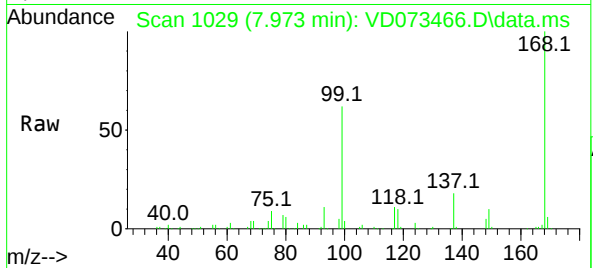




#31
Cyclohexane
Concen: 1.251 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

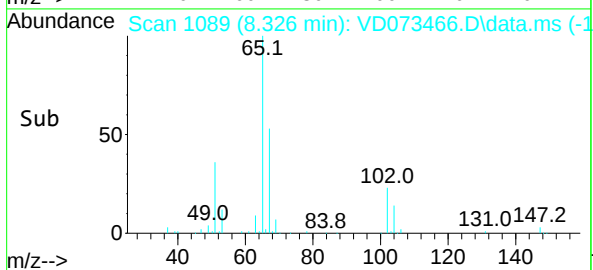
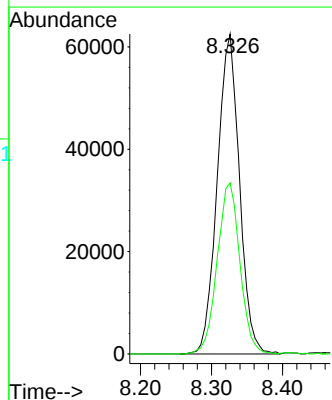
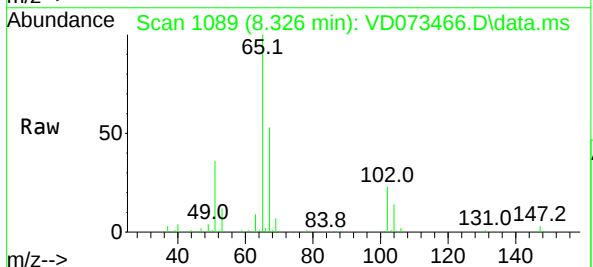
Instrument :
MSVOA_D
ClientSampleId :
RBR-346

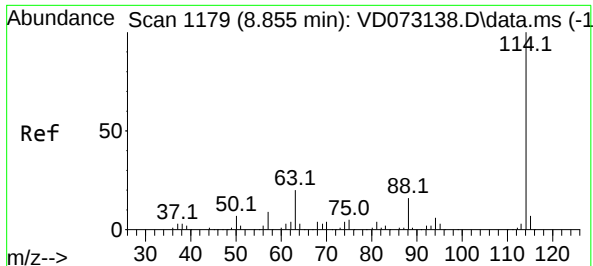
Tgt Ion: 56 Resp: 6611
Ion Ratio Lower Upper
56 100
69 158.3 25.4 38.2#
84 120.6 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 44.821 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

Tgt Ion: 65 Resp: 135503
Ion Ratio Lower Upper
65 100
67 54.7 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: VD073466.D

Acq: 02 Jun 2022 12:29

Instrument :

MSVOA_D

ClientSampleId :

RBR-346

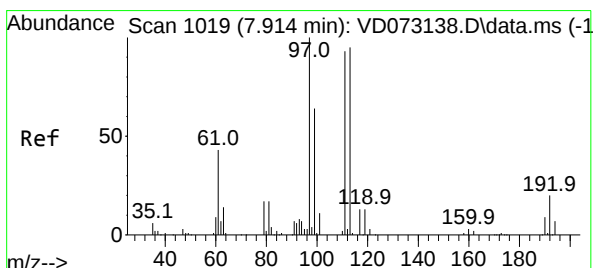
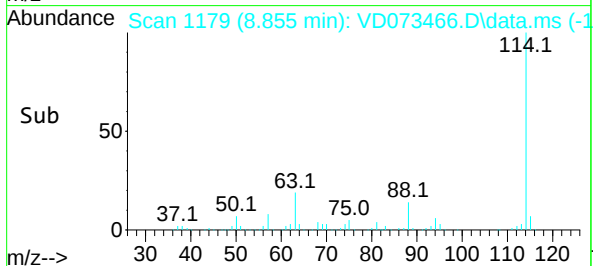
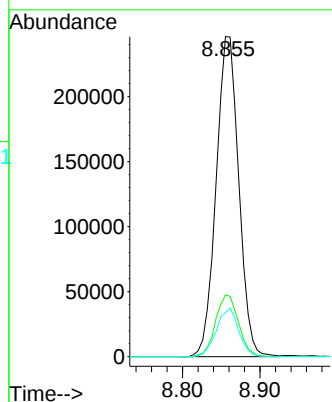
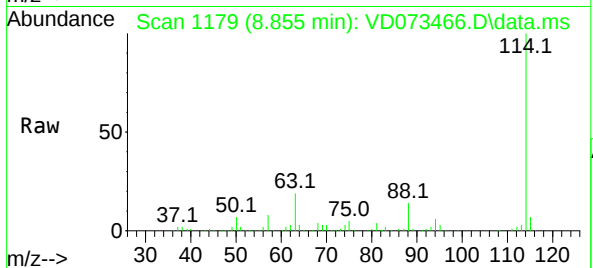
Tgt Ion:114 Resp: 499350

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 13.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.649 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073466.D

Acq: 02 Jun 2022 12:29

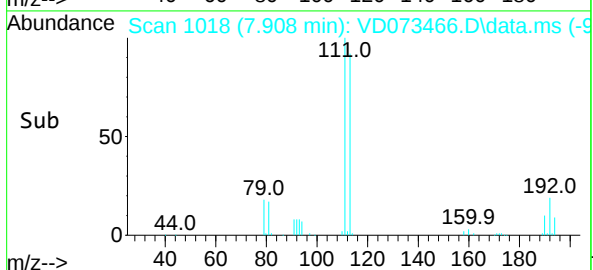
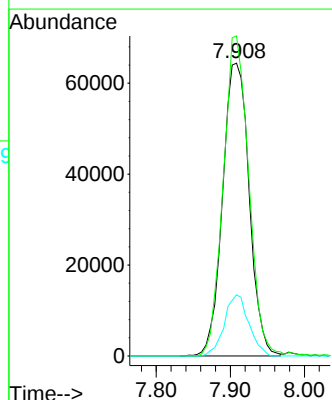
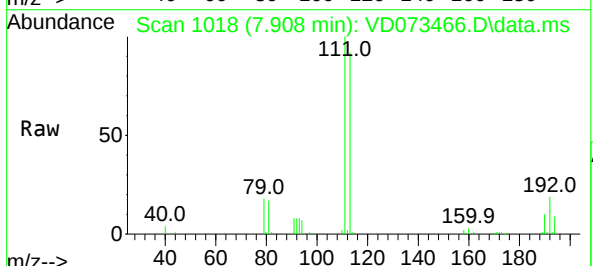
Tgt Ion:113 Resp: 160301

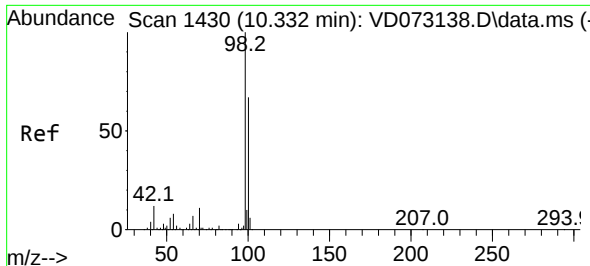
Ion Ratio Lower Upper

113 100

111 105.7 83.8 125.6

192 19.2 14.6 21.8

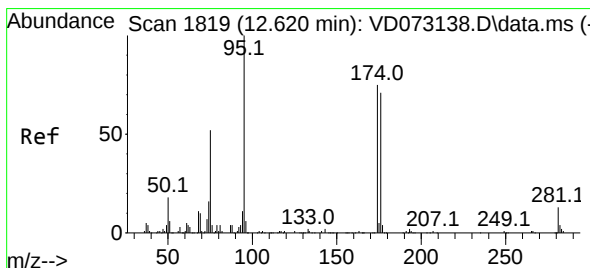
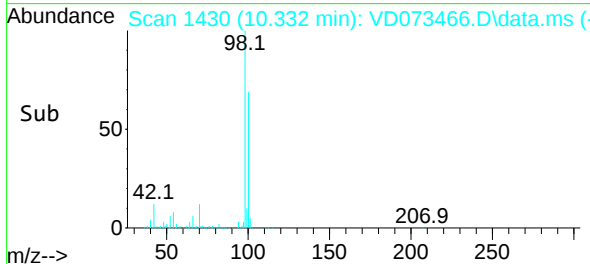
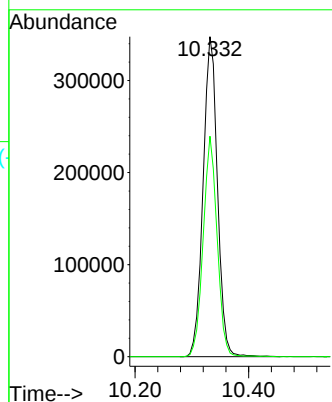
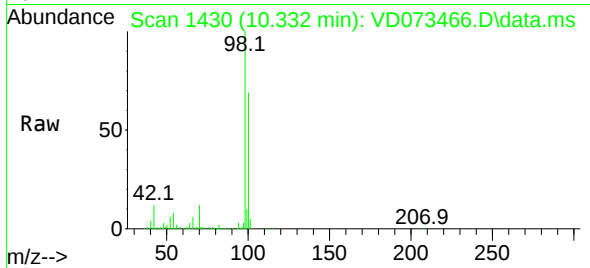




#50
Toluene-d8
Concen: 50.145 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

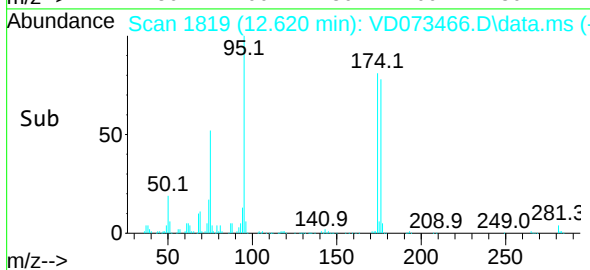
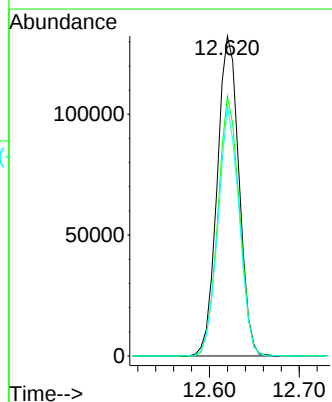
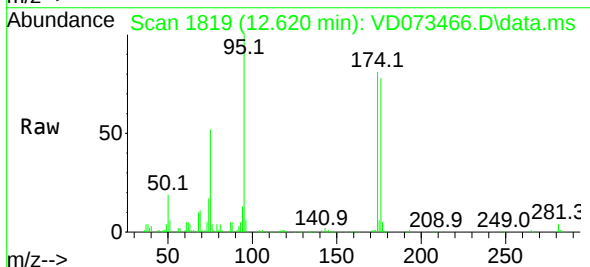
Instrument :
MSVOA_D
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RBR-346

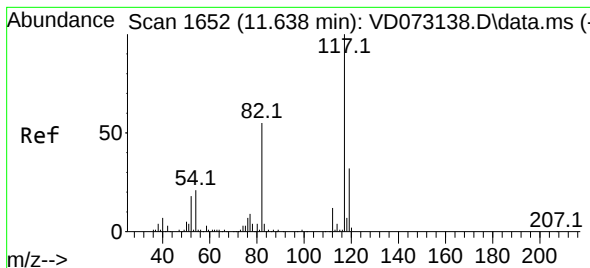
Tgt Ion: 98 Resp: 609075
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.397 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

Tgt Ion: 95 Resp: 223352
Ion Ratio Lower Upper
95 100
174 80.3 0.0 152.8
176 75.9 0.0 145.4

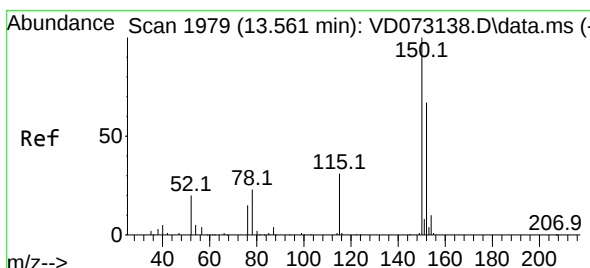
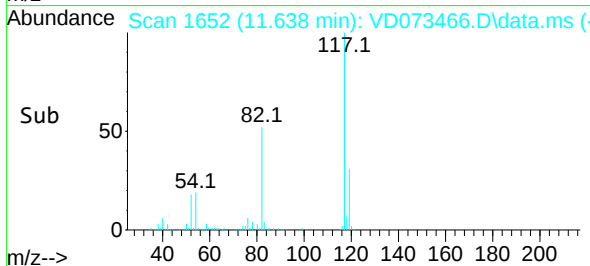
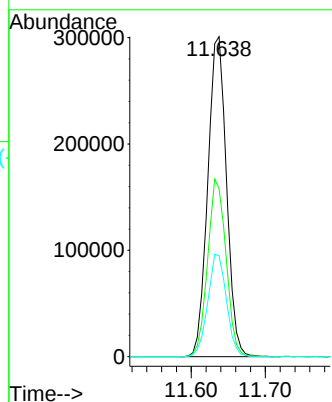
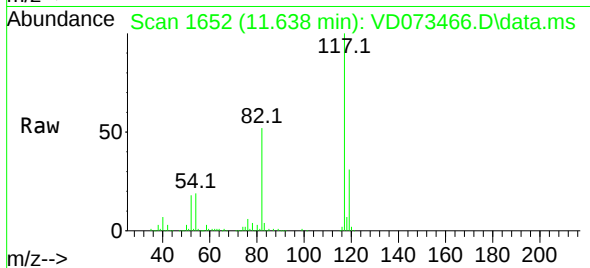




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

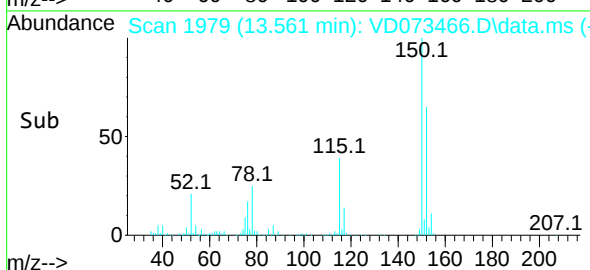
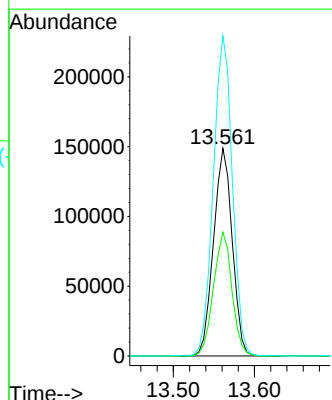
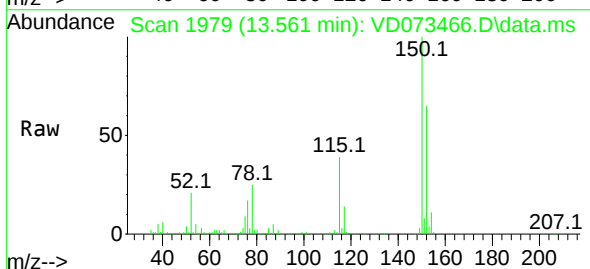
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RBR-346

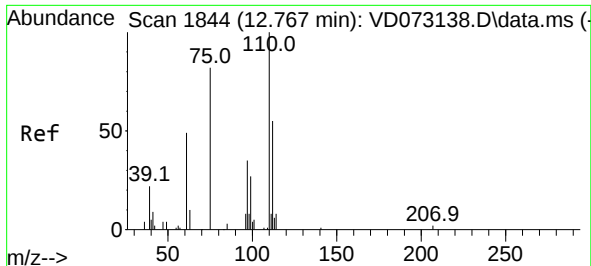
Tgt Ion:117 Resp: 528062
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

Tgt Ion:152 Resp: 238548
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 156.7 0.0 348.6

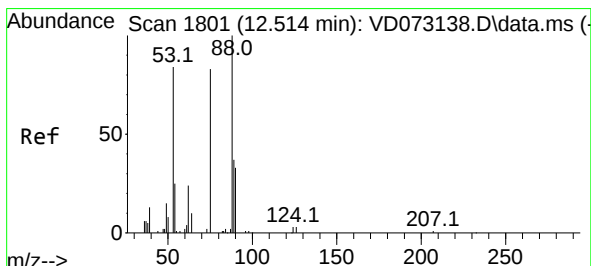
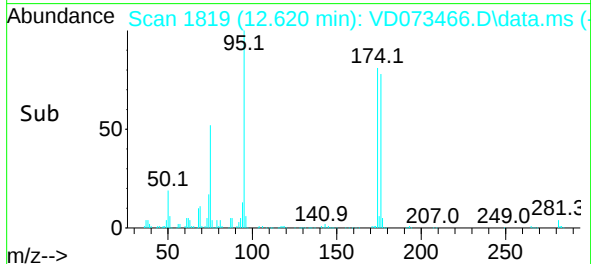
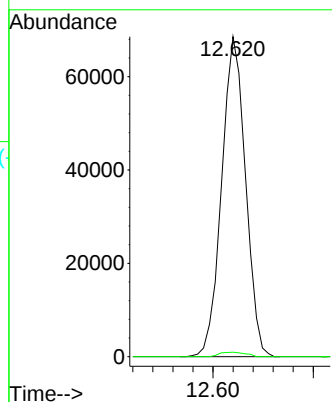
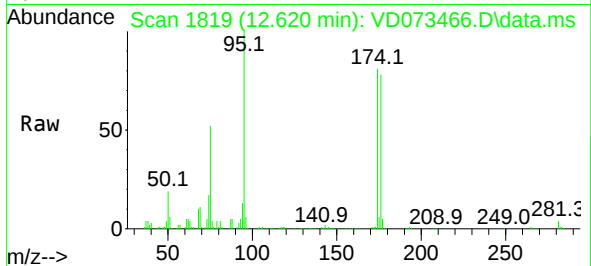




#76
1,2,3-Trichloropropane
Concen: 48.390 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

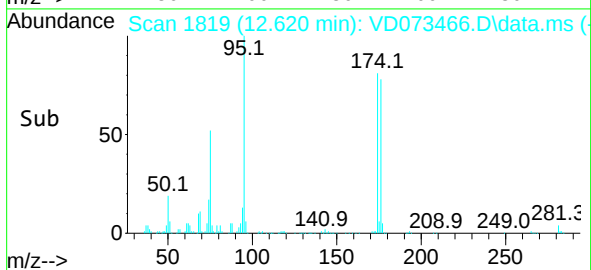
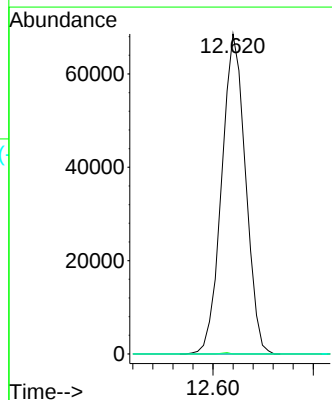
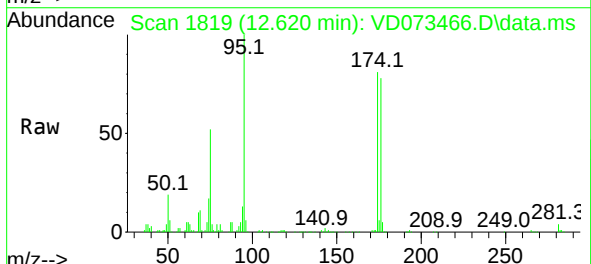
Instrument :
MSVOA_D
ClientSampleId :
RBR-346

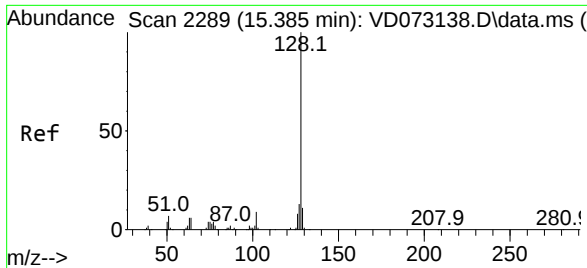
Tgt Ion: 75 Resp: 113260
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.169 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

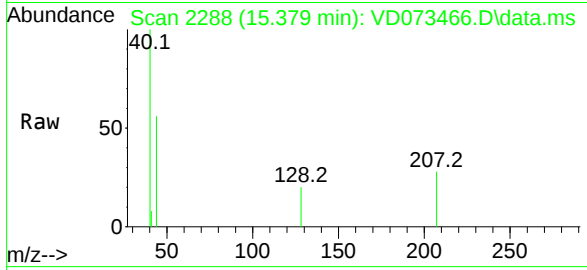
Tgt Ion: 75 Resp: 113260
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.589 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073466.D
Acq: 02 Jun 2022 12:29

Instrument :
MSVOA_D
ClientSampleId :
RBR-346



Tgt Ion:	128	Resp:	396
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	0.0	8.4	12.6#

