

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021621\
 Data File : VD068372.D
 Acq On : 16 Feb 2021 16:09
 Operator : VA/SY
 Sample : M1424-01
 Misc : 7.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-021621

Quant Time: Feb 17 00:05:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

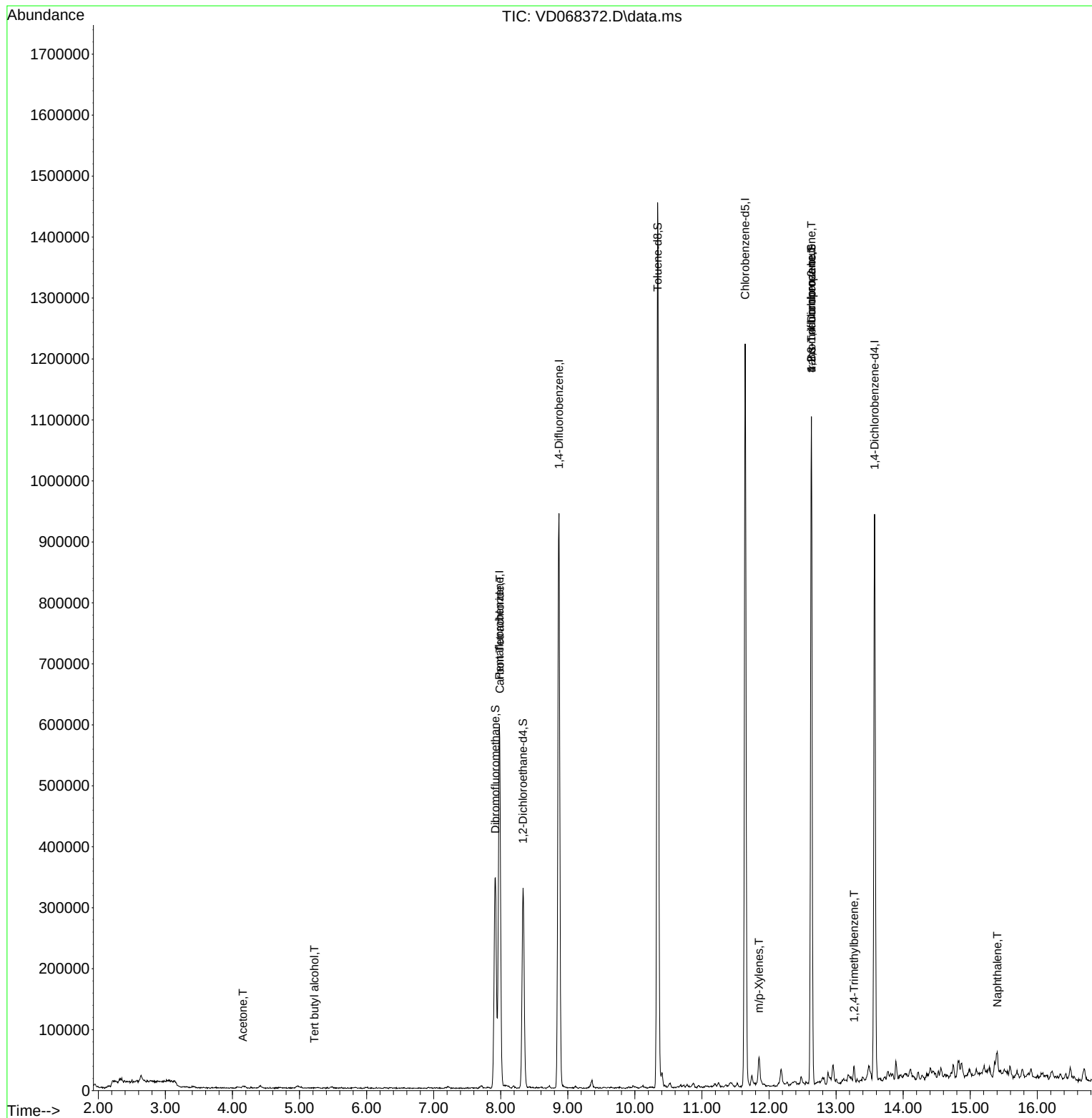
Internal Standards						
1) Pentafluorobenzene	7.979	168	441881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	839199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	722108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	249217	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259836	57.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.04%
35) Dibromofluoromethane	7.920	113	258359	51.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.74%
50) Toluene-d8	10.338	98	1024511	49.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.24%
62) 4-Bromofluorobenzene	12.632	95	296961	44.16	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.32%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.220	59	264	1.17	ug/l #	74
16) Acetone	4.156	43	6129	8.79	ug/l #	82
20) Methylene Chloride	4.973	84	1492	Below Cal	#	70
31) Cyclohexane	7.985	56	11505	Below Cal	#	8
38) Carbon Tetrachloride	7.985	117	45400	6.41	ug/l #	15
68) m/p-Xylenes	11.849	106	12348	1.31	ug/l	89
76) 1,2,3-Trichloropropane	12.632	75	149375	62.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	149375	157.88	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.267	105	15713	1.06	ug/l	99
95) Naphthalene	15.402	128	35490	4.27	ug/l	99

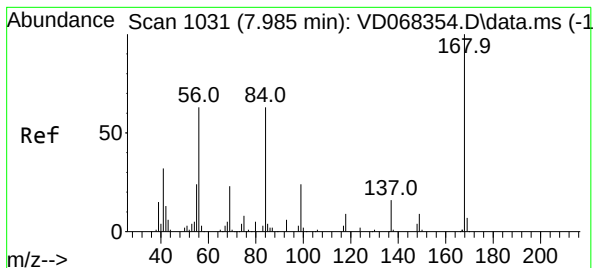
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 17 00:05:34 2021
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Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

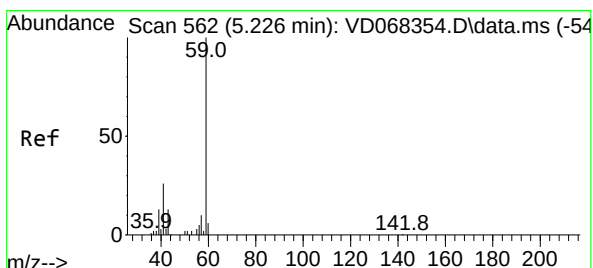
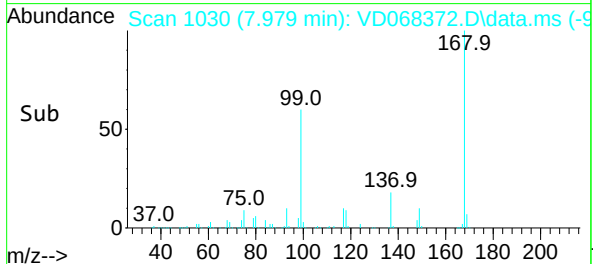
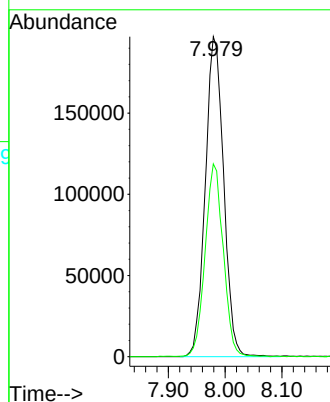
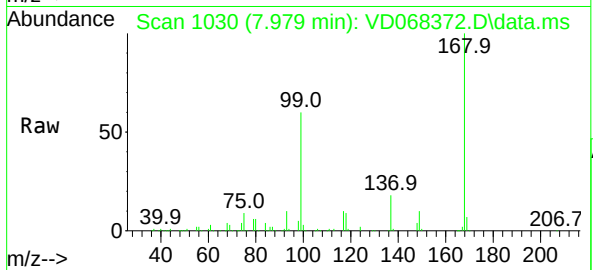




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

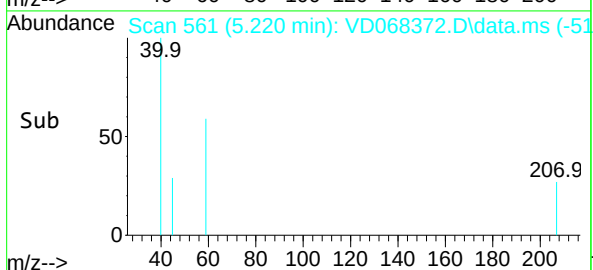
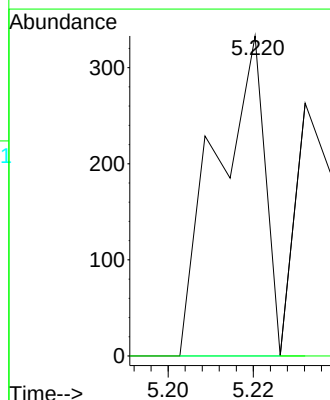
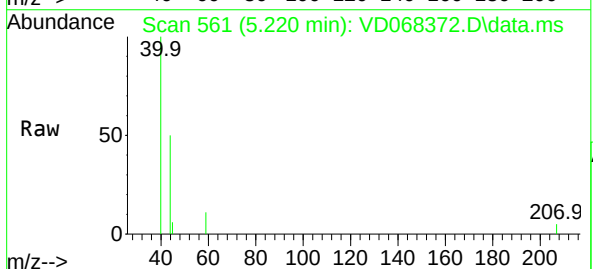
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

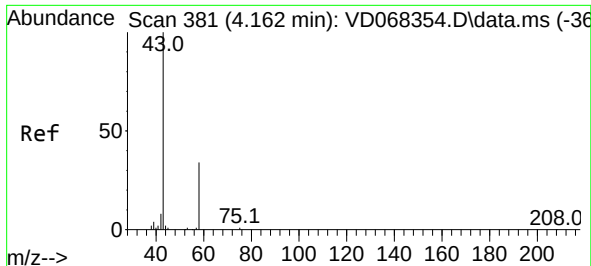
Tgt Ion:168 Resp: 441881
Ion Ratio Lower Upper
168 100
99 60.1 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.17 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

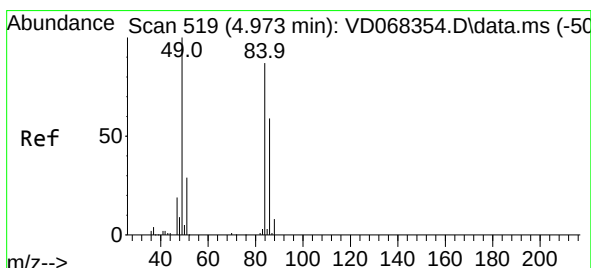
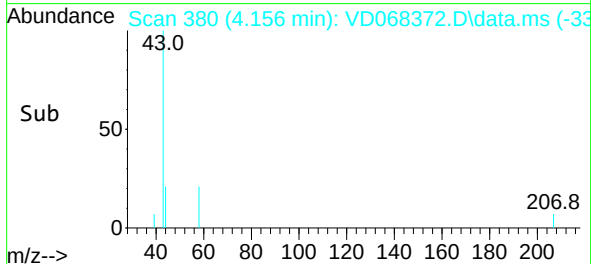
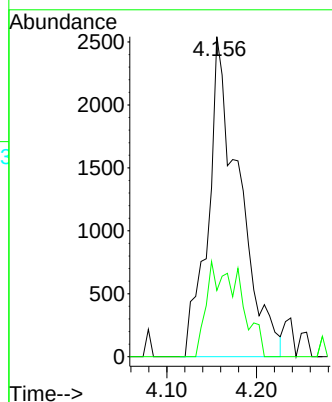
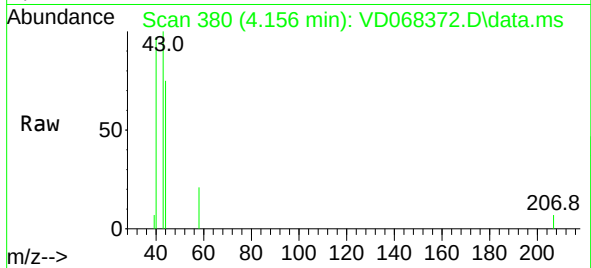




#16
Acetone
Concen: 8.79 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

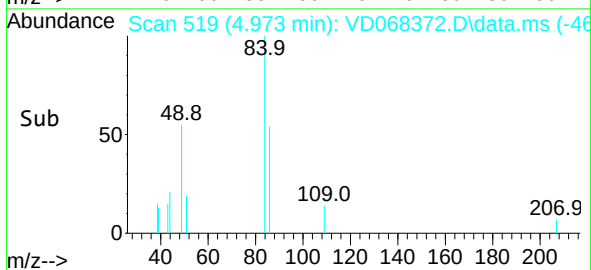
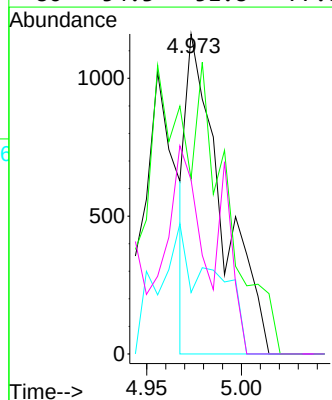
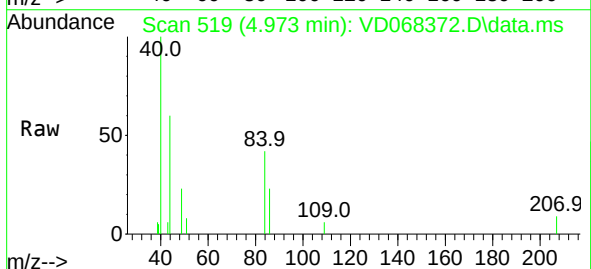
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

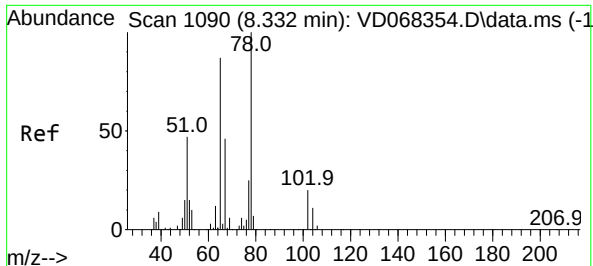
Tgt Ion: 43 Resp: 6129
Ion Ratio Lower Upper
43 100
58 20.7 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 84 Resp: 1492
Ion Ratio Lower Upper
84 100
49 54.7 77.4 116.2#
51 19.2 26.1 39.1#
86 54.3 51.8 77.8

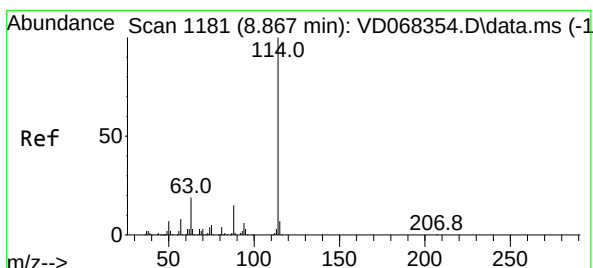
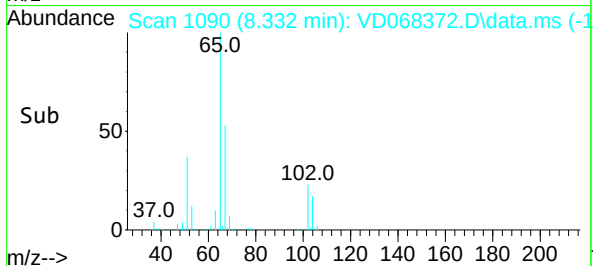
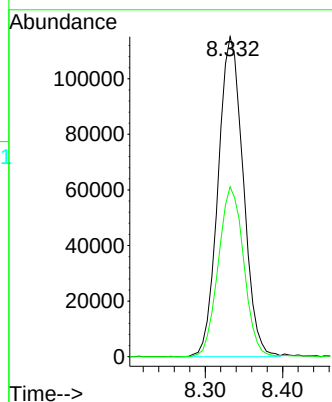
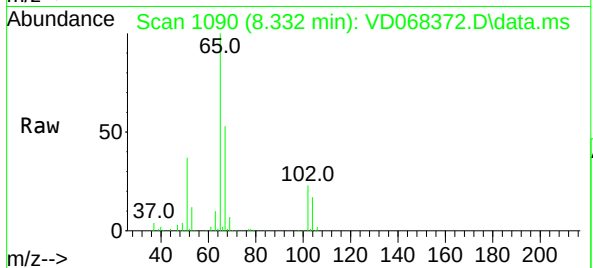




#33
1,2-Dichloroethane-d4
Concen: 57.52 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

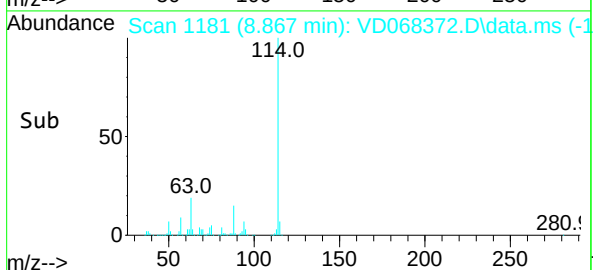
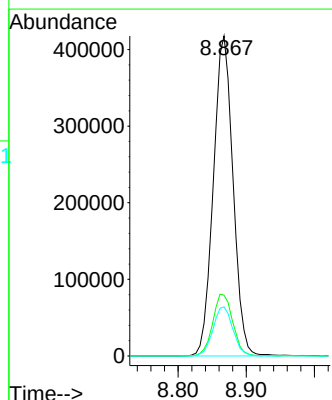
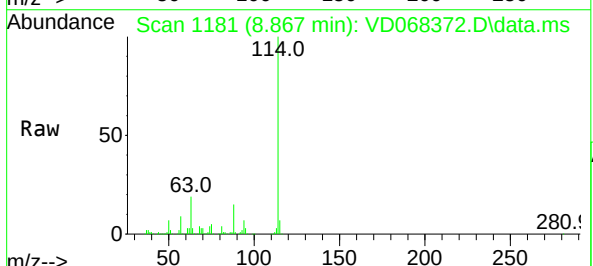
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

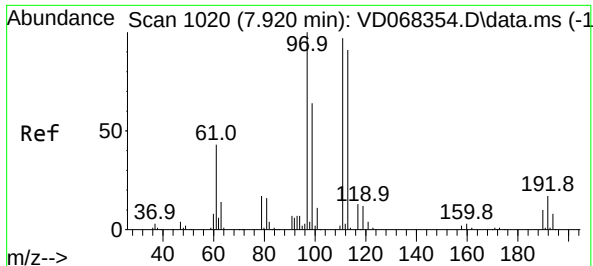
Tgt Ion: 65 Resp: 259836
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 114 Resp: 839199
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.87 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068372.D

Acq: 16 Feb 2021 16:09

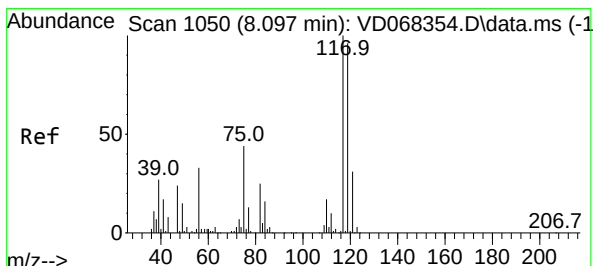
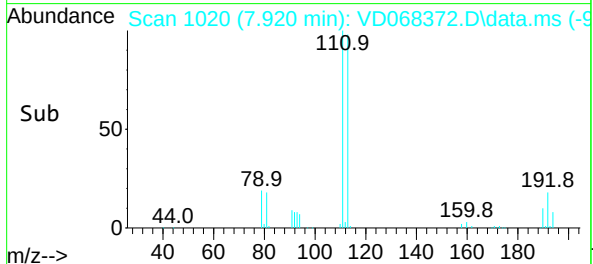
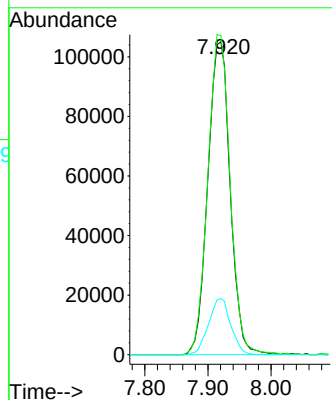
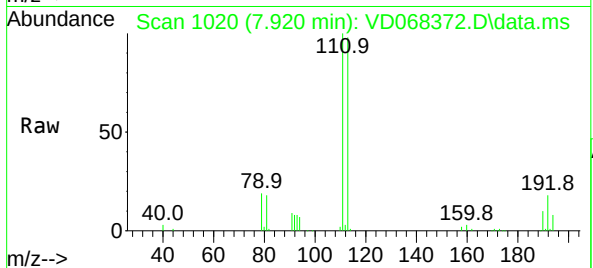
Tgt Ion:113 Resp: 258359

Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

192 17.7 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.41 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.112 min

Lab File: VD068372.D

Acq: 16 Feb 2021 16:09

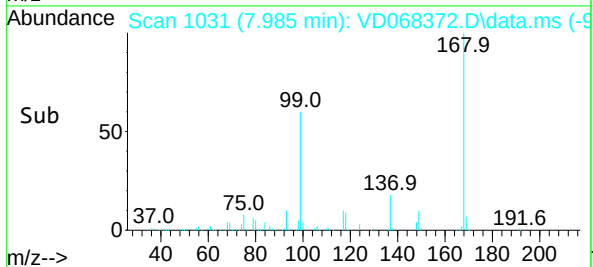
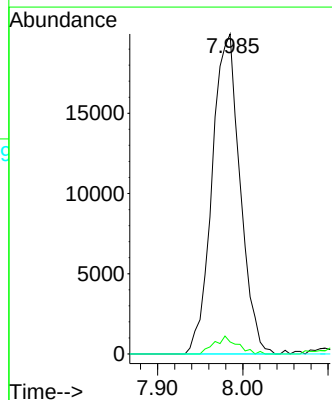
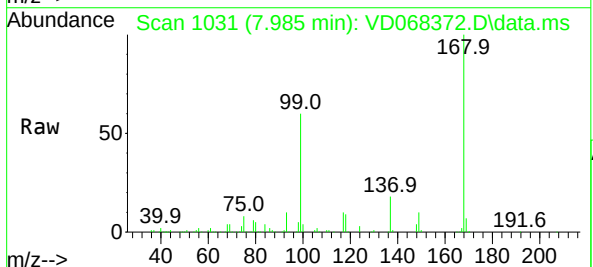
Tgt Ion:117 Resp: 45400

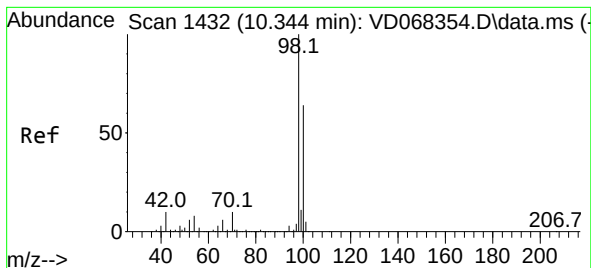
Ion Ratio Lower Upper

117 100

119 3.8 77.3 115.9#

121 0.0 24.7 37.1#

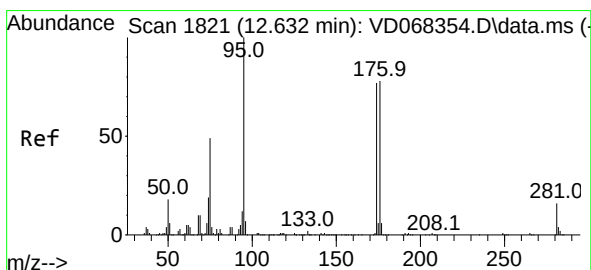
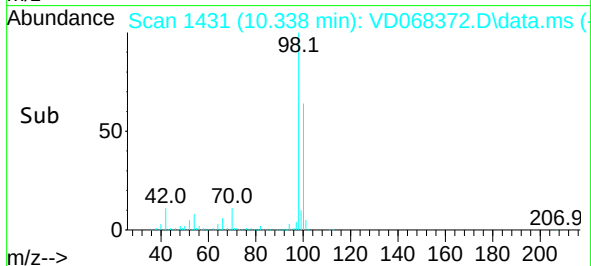
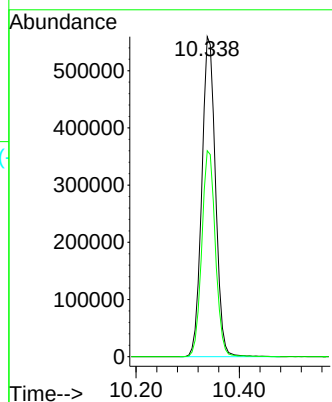
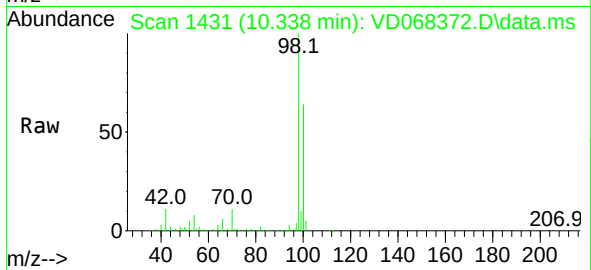




#50
Toluene-d8
Concen: 49.62 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

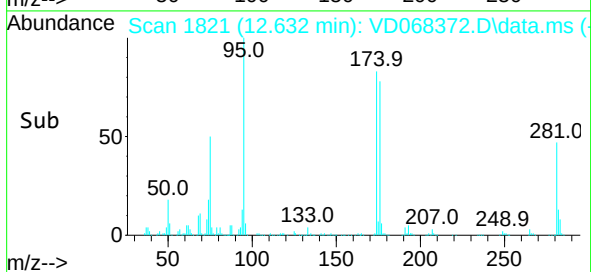
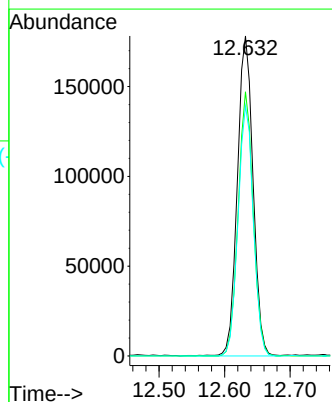
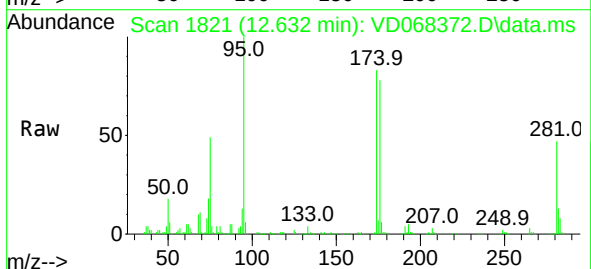
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OR-02-021621

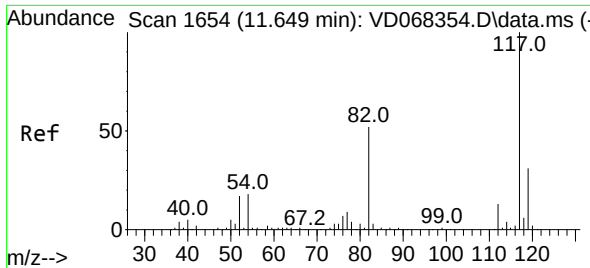
Tgt Ion: 98 Resp: 1024511
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 44.16 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 95 Resp: 296961
Ion Ratio Lower Upper
95 100
174 79.1 0.0 172.4
176 75.9 0.0 168.4

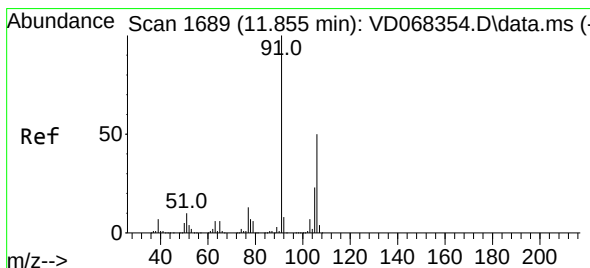
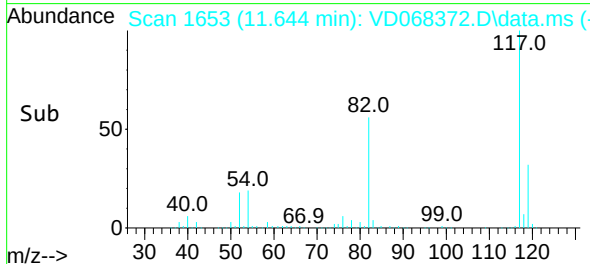
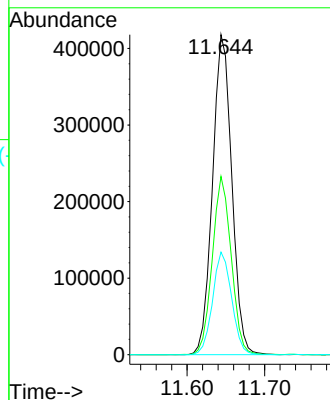
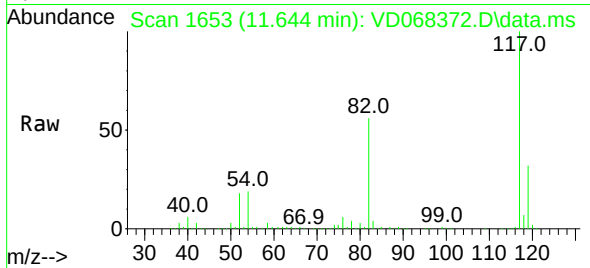




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

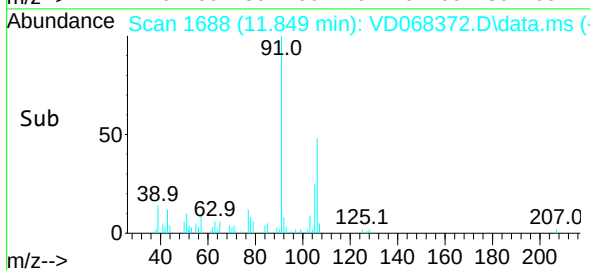
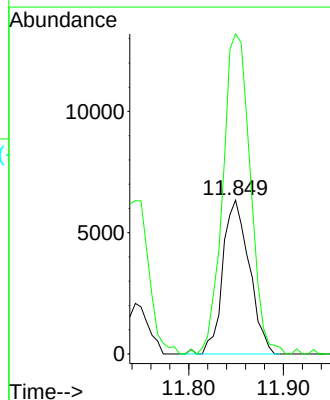
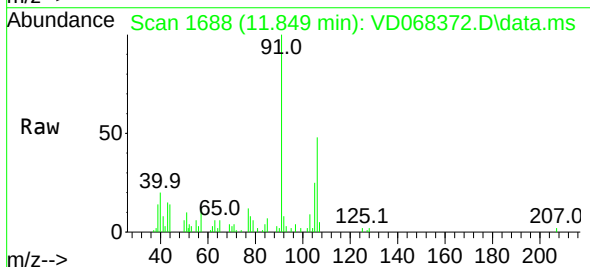
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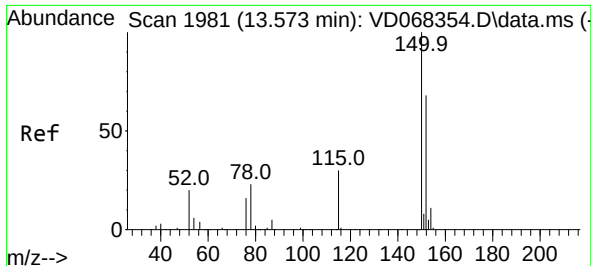
Tgt Ion:117 Resp: 722108
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.0
119 32.1 26.1 39.1



#68
m/p-Xylenes
Concen: 1.31 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion:106 Resp: 12348
Ion Ratio Lower Upper
106 100
91 215.4 159.1 238.7

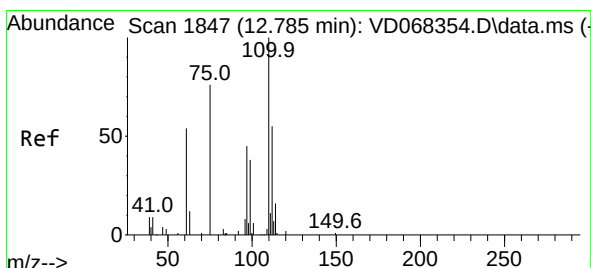
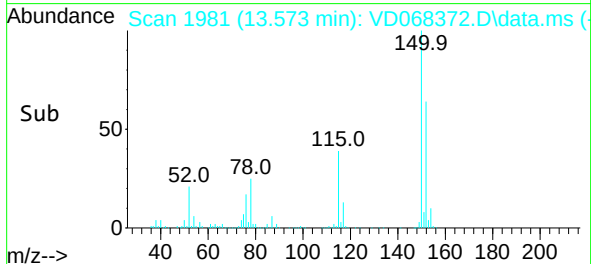
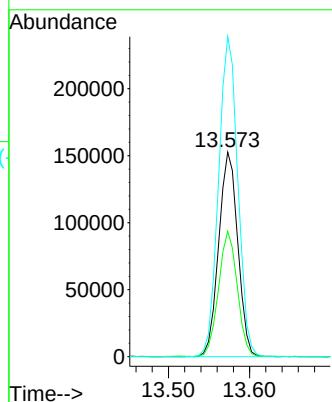
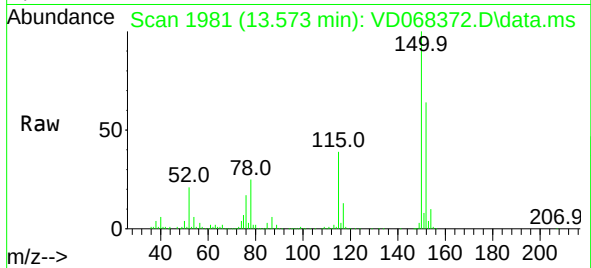




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

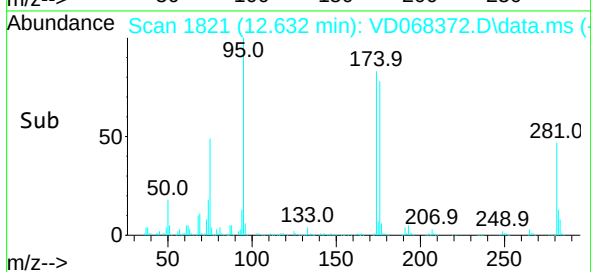
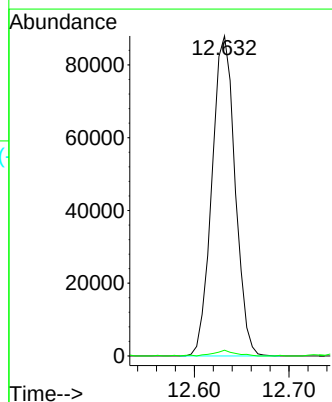
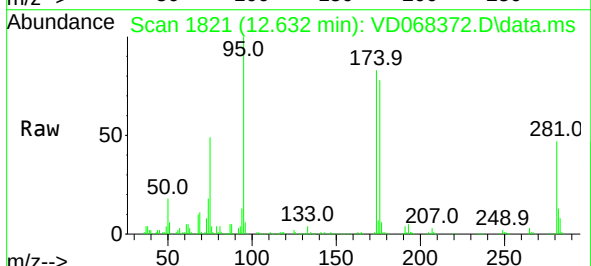
Instrument :
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OR-02-021621

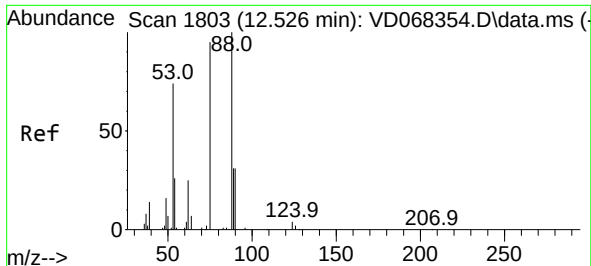
Tgt Ion:152 Resp: 249217
Ion Ratio Lower Upper
152 100
115 60.3 28.9 86.8
150 158.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 62.99 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Tgt Ion: 75 Resp: 149375
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

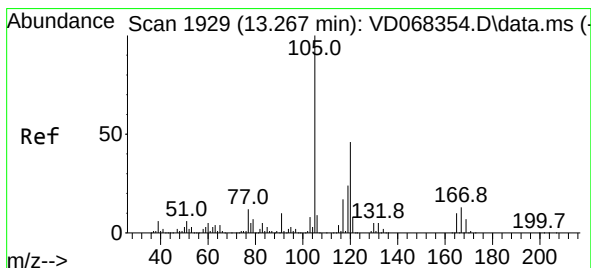
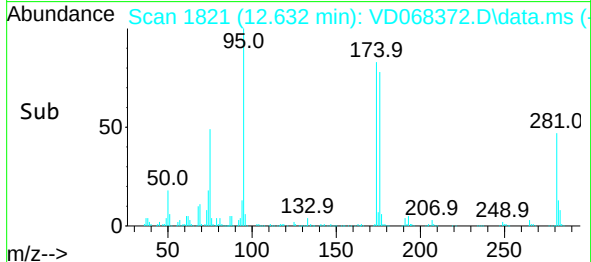
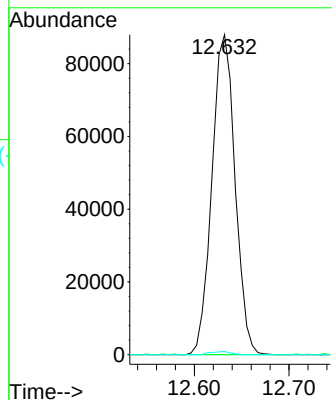
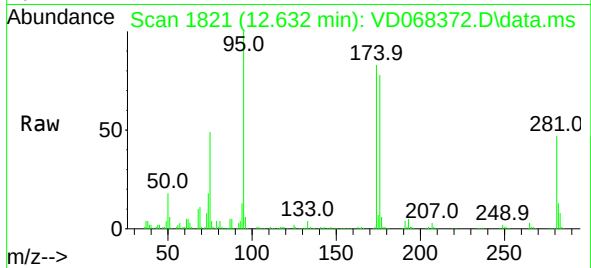




#81
trans-1,4-Dichloro-2-butene
Concen: 157.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

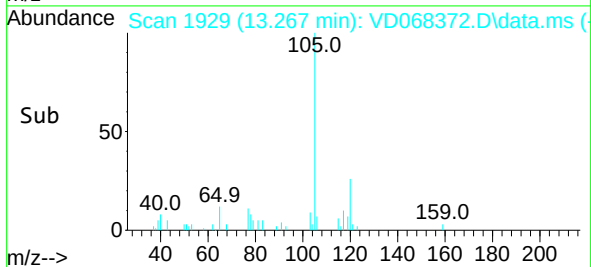
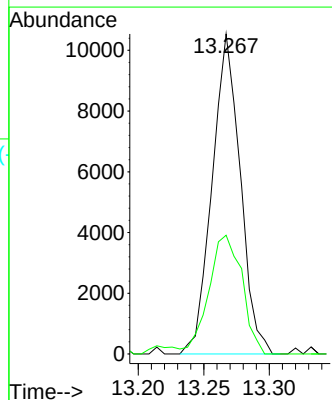
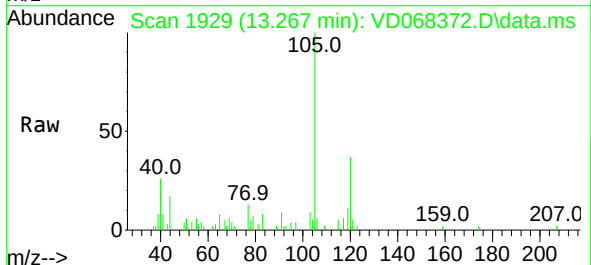
Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621

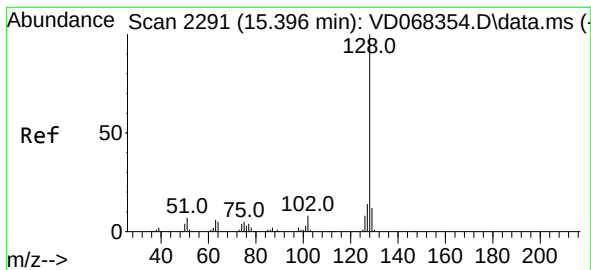
Tgt Ion: 75 Resp: 149375
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.8 40.3 60.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.06 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

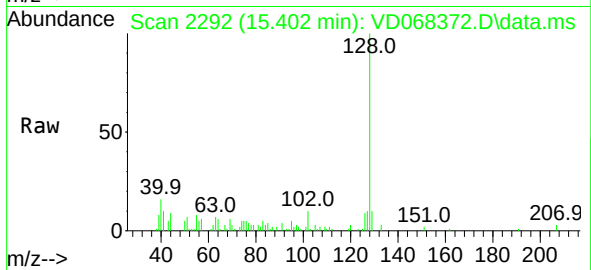
Tgt Ion: 105 Resp: 15713
Ion Ratio Lower Upper
105 100
120 43.9 22.4 67.0





#95
Naphthalene
Concen: 4.27 ug/l
RT: 15.402 min Scan# 2292
Delta R.T. 0.006 min
Lab File: VD068372.D
Acq: 16 Feb 2021 16:09

Instrument :
MSVOA_D
ClientSampleId :
OR-02-021621



Tgt Ion:	128	Resp:	35490
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.1	8.8	13.2

