

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068556.D
 Acq On : 08 Mar 2021 13:17
 Operator : VA/SY
 Sample : M1582-02RE
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VEOLIA-VNJ-208RE

Quant Time: Mar 09 00:09:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

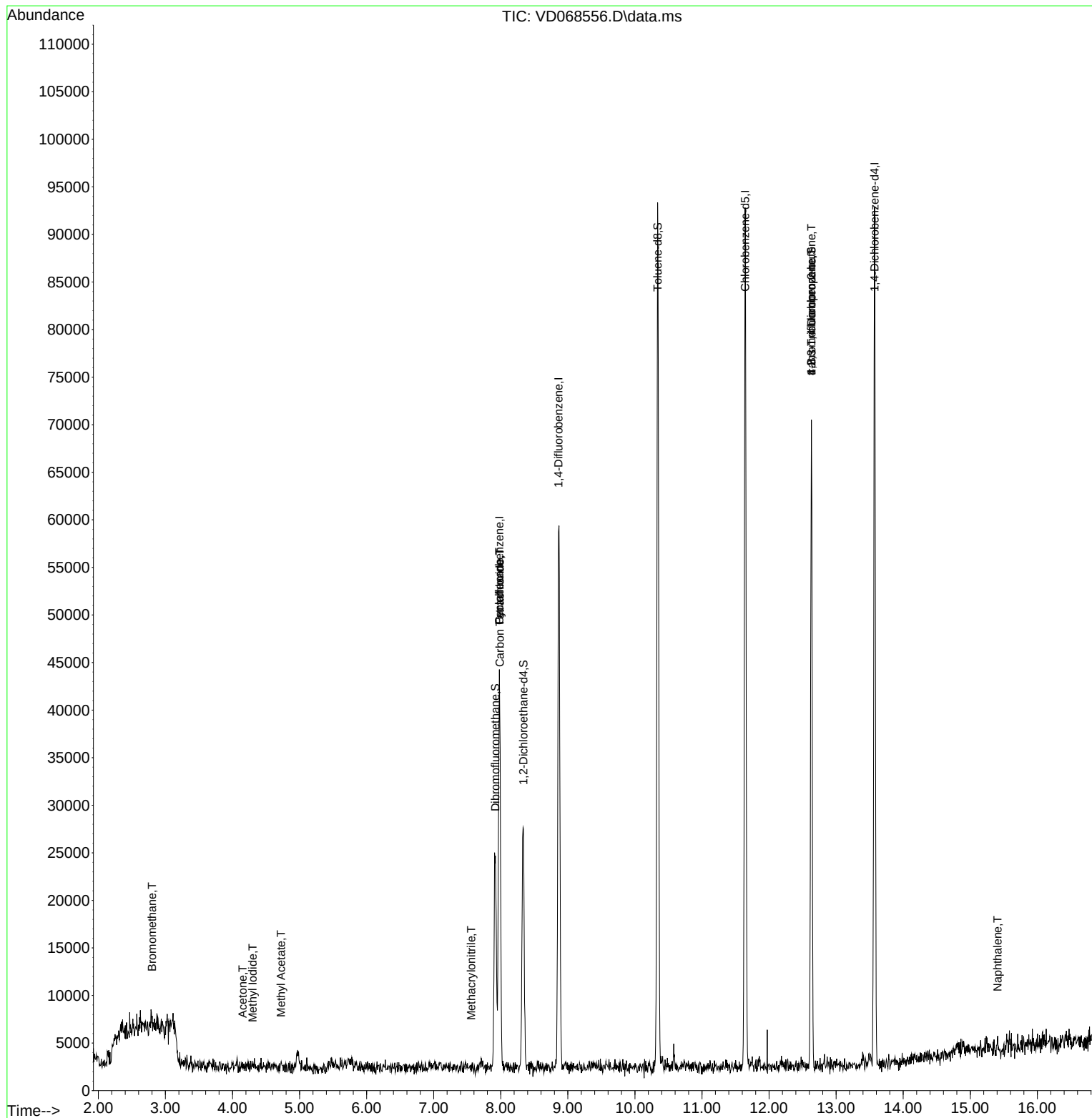
Internal Standards						
1) Pentafluorobenzene	7.979	168	31974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	53701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	54414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	24039	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	20999	65.73	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.46%			
35) Dibromofluoromethane	7.920	113	17091	52.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.66%			
50) Toluene-d8	10.338	98	62674	48.64	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 97.28%			
62) 4-Bromofluorobenzene	12.632	95	21509	51.80	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.60%			
Target Compounds						Qvalue
5) Bromomethane	2.803	94	479	1.44	ug/l	86
10) Methyl Iodide	4.303	142	115	2.90	ug/l #	38
16) Acetone	4.150	43	378	7.45	ug/l #	44
18) Methyl Acetate	4.726	43	143	1.09	ug/l #	43
20) Methylene Chloride	4.973	84	1224	Below Cal	#	79
31) Cyclohexane	7.979	56	847	1.46	ug/l #	28
38) Carbon Tetrachloride	7.985	117	2926	6.10	ug/l #	21
41) Methacrylonitrile	7.561	41	128	1.30	ug/l #	42
76) 1,2,3-Trichloropropane	12.632	75	11778	55.19	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	11778	128.79	ug/l #	13
95) Naphthalene	15.408	128	1231	1.31	ug/l #	80

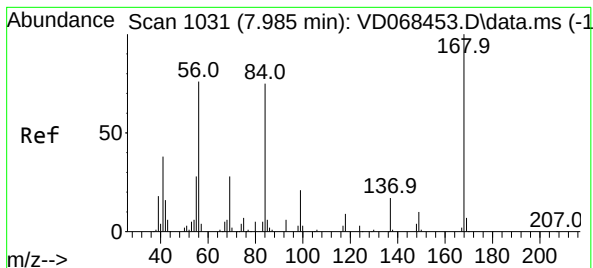
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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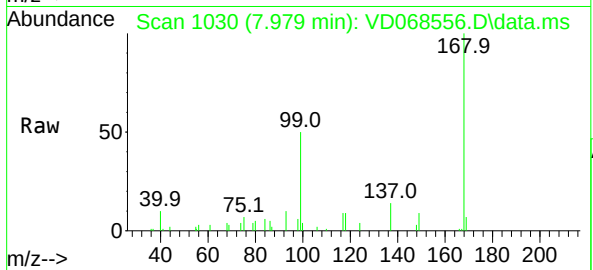
Quant Time: Mar 09 00:09:52 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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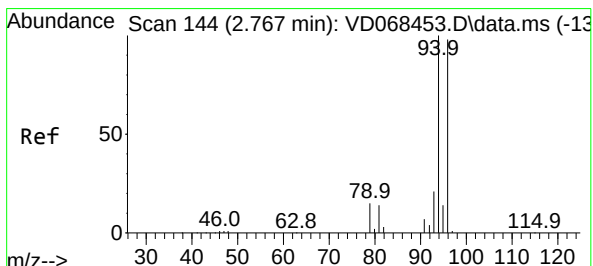
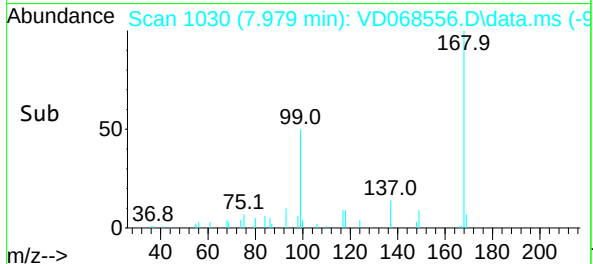
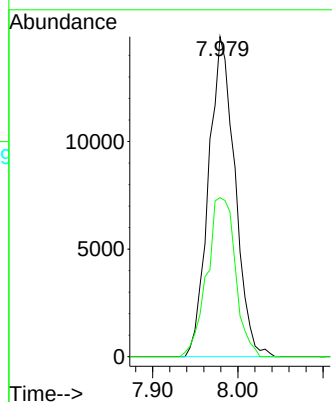


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Instrument :
MSVOA_D
ClientSampleId :
VEOLIA-VNJ-208RE

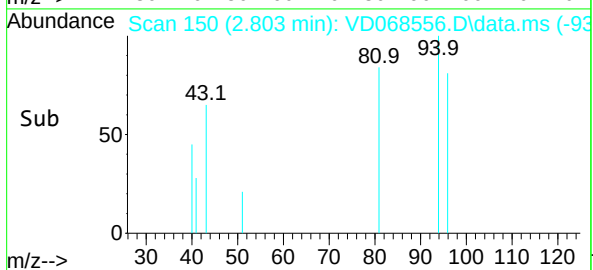
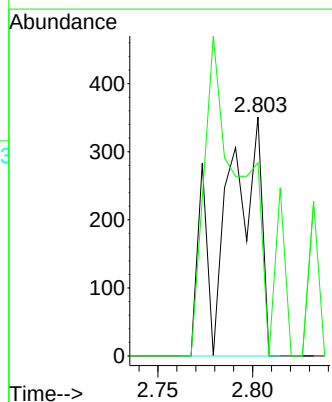
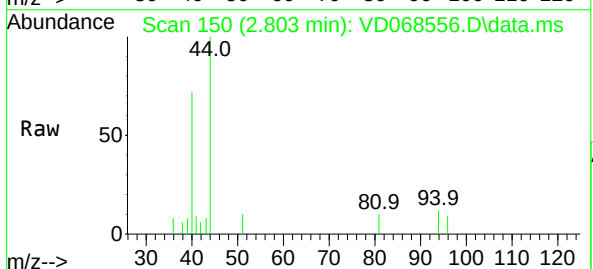


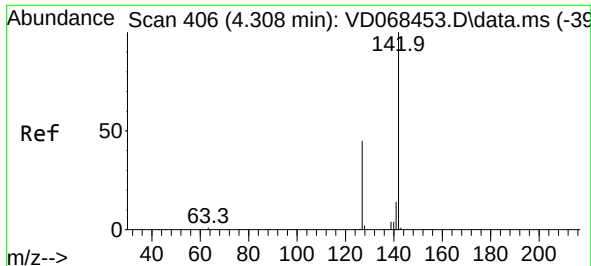
Tgt Ion:168 Resp: 31974
Ion Ratio Lower Upper
168 100
99 49.7 43.5 65.3



#5
Bromomethane
Concen: 1.44 ug/l
RT: 2.803 min Scan# 150
Delta R.T. 0.036 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 94 Resp: 479
Ion Ratio Lower Upper
94 100
96 80.9 75.8 113.8

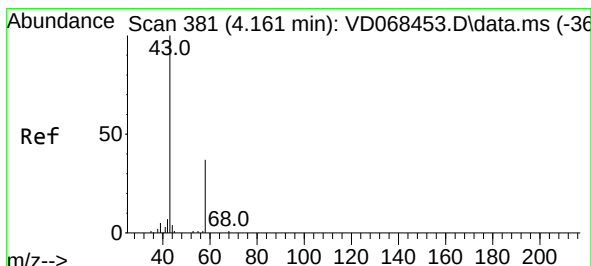
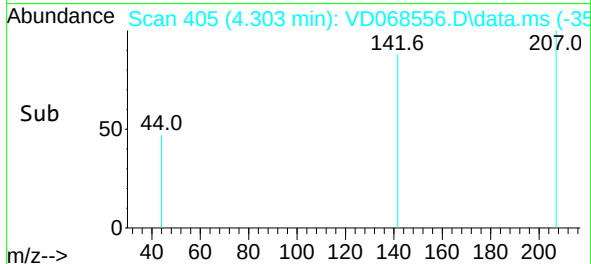
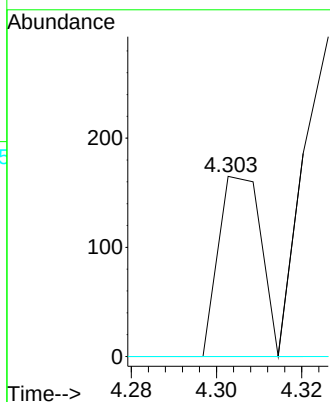
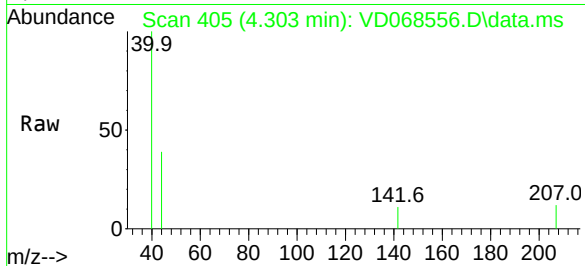




#10
Methyl Iodide
Concen: 2.90 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

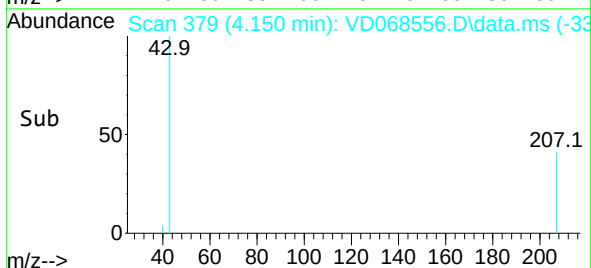
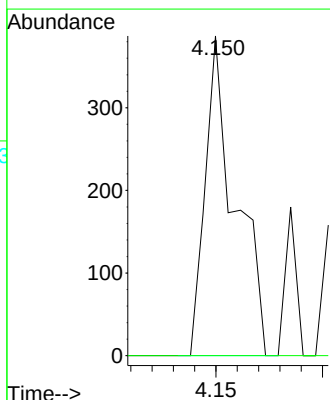
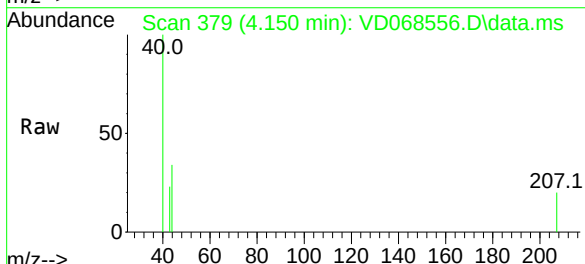
Instrument :
MSVOA_D
ClientSampleId :
VEOLIA-VNJ-208RE

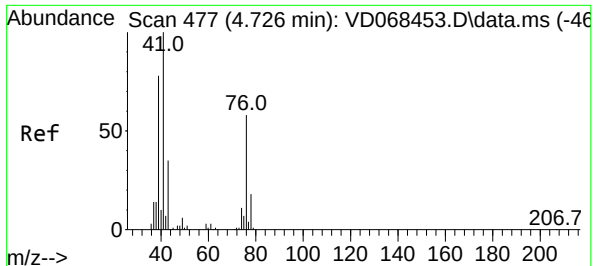
Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



#16
Acetone
Concen: 7.45 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#





#18

Methyl Acetate

Concen: 1.09 ug/l

RT: 4.726 min Scan# 477

Delta R.T. 0.000 min

Lab File: VD068556.D

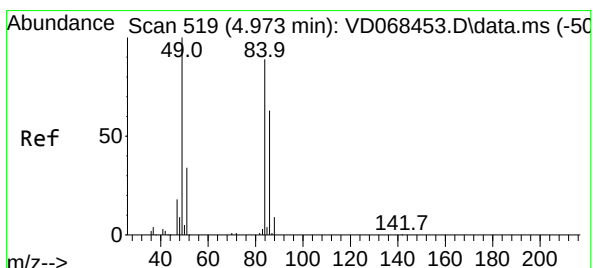
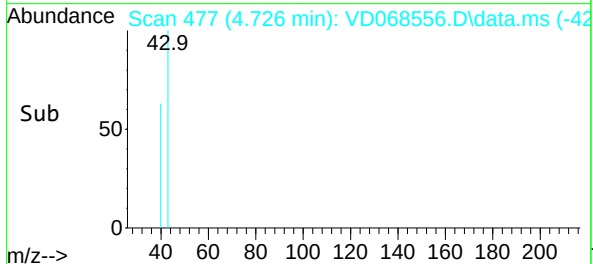
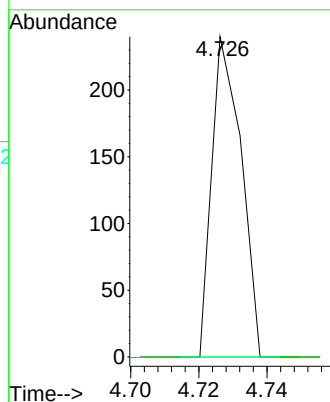
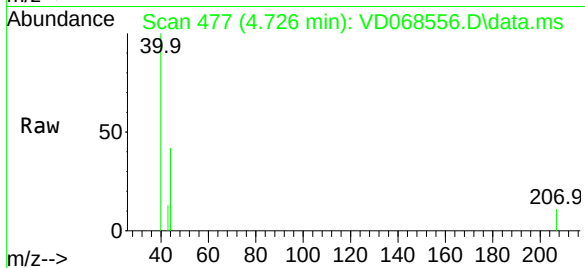
Acq: 08 Mar 2021 13:17

Tgt Ion: 43 Resp: 143

Ion Ratio Lower Upper

43 100

74 0.0 25.4 38.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.973 min Scan# 519

Delta R.T. 0.000 min

Lab File: VD068556.D

Acq: 08 Mar 2021 13:17

Tgt Ion: 84 Resp: 1224

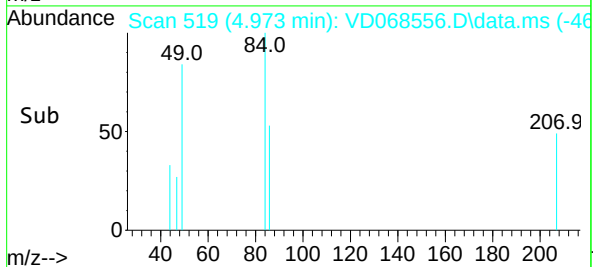
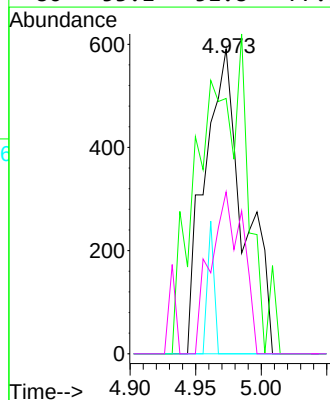
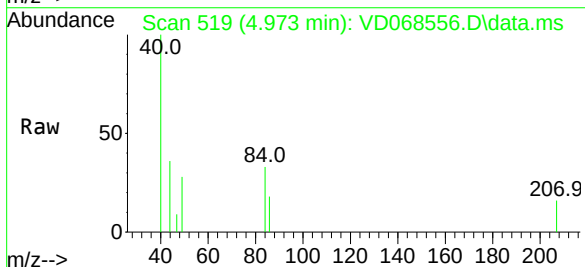
Ion Ratio Lower Upper

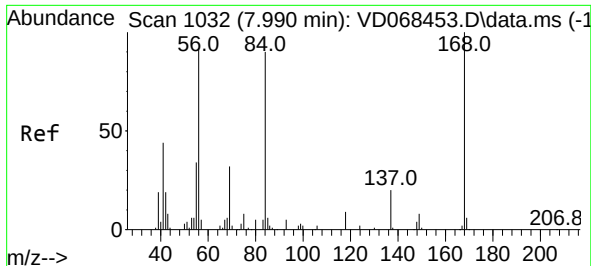
84 100

49 83.8 77.4 116.2

51 0.0 26.1 39.1#

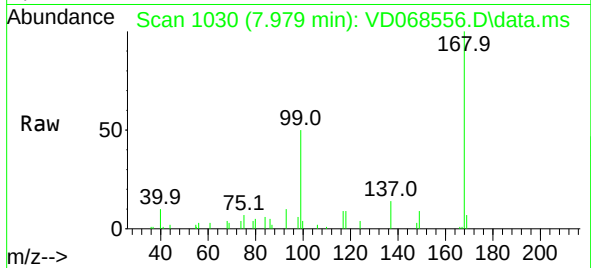
86 53.1 51.8 77.8



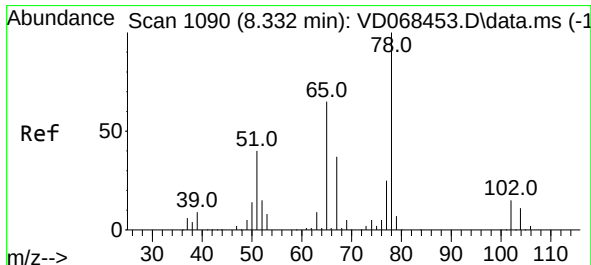
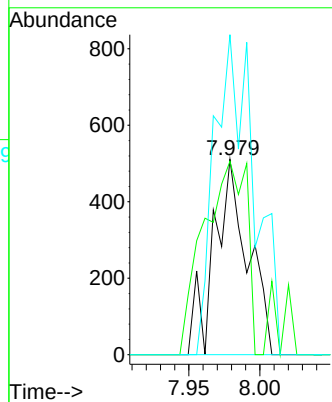
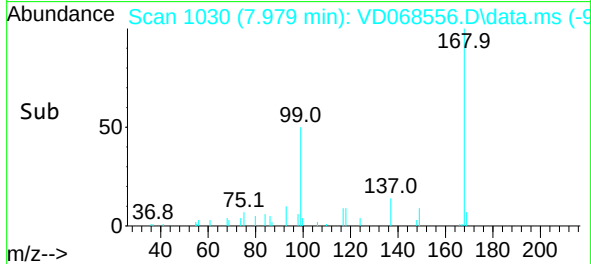


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

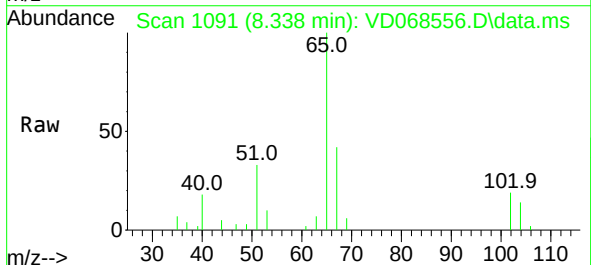
Instrument :
MSVOA_D
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VEOLIA-VNJ-208RE



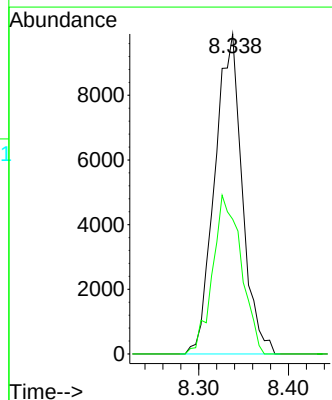
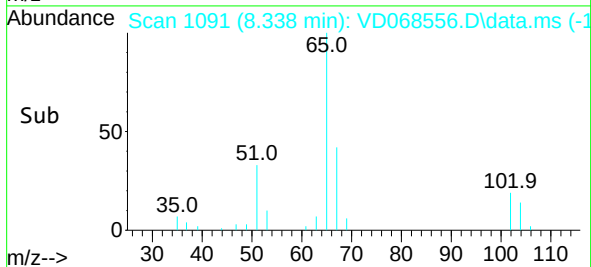
Tgt Ion: 56 Resp: 847
Ion Ratio Lower Upper
56 100
69 99.0 30.1 45.1#
84 163.8 82.1 123.1#

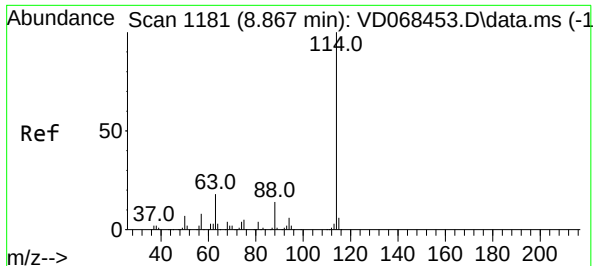


#33
1,2-Dichloroethane-d4
Concen: 65.73 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17



Tgt Ion: 65 Resp: 20999
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD068556.D

Acq: 08 Mar 2021 13:17

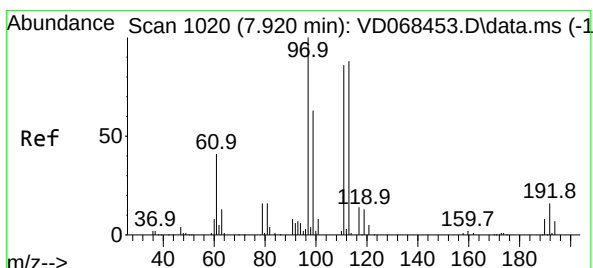
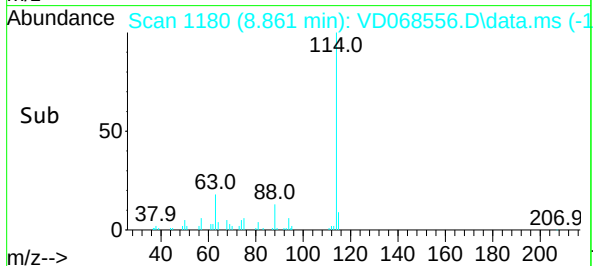
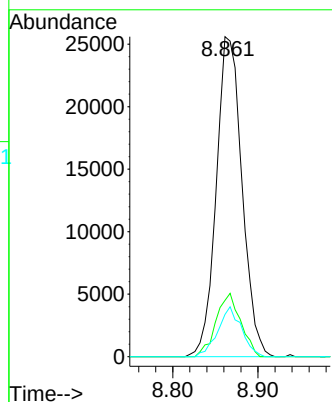
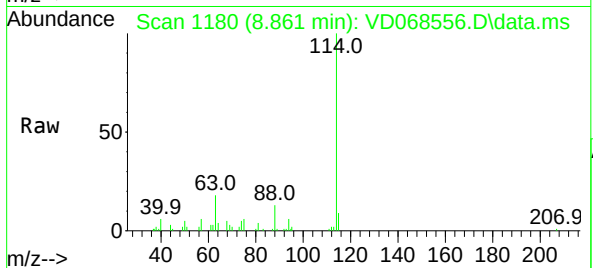
Tgt Ion:	114	Resp:	53701
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	34.8
88	13.2	0.0	31.6

Instrument :

MSVOA_D

ClientSampleId :

VEOLIA-VNJ-208RE



#35

Dibromofluoromethane

Concen: 52.83 ug/l

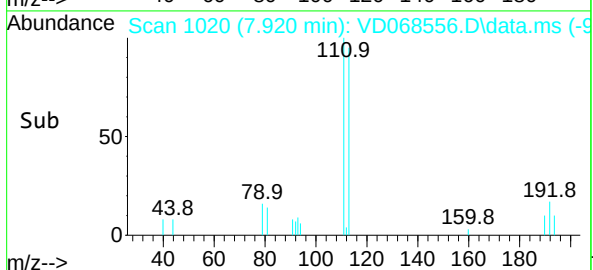
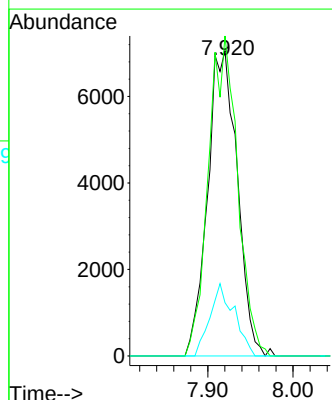
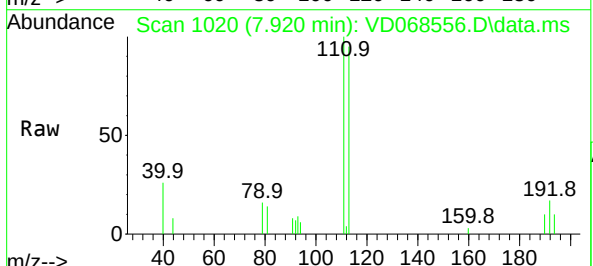
RT: 7.920 min Scan# 1020

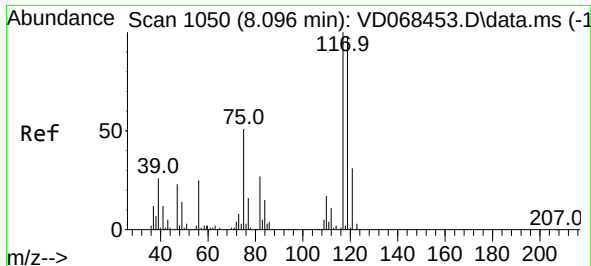
Delta R.T. 0.000 min

Lab File: VD068556.D

Acq: 08 Mar 2021 13:17

Tgt Ion:	113	Resp:	17091
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	19.4	16.1	24.1

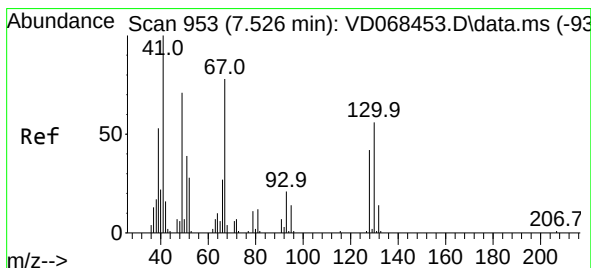
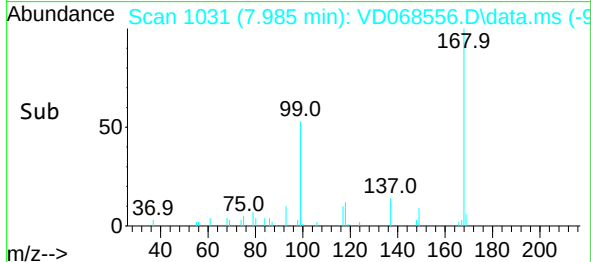
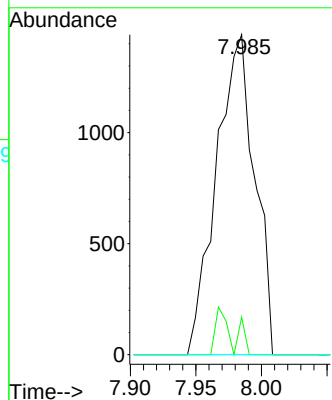
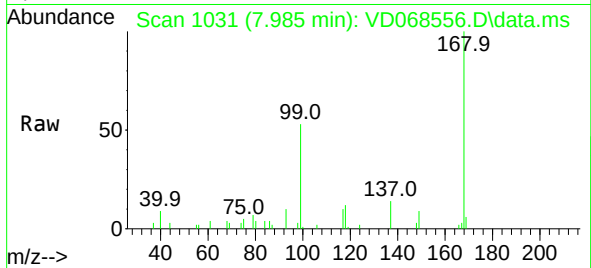




#38
Carbon Tetrachloride
Concen: 6.10 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

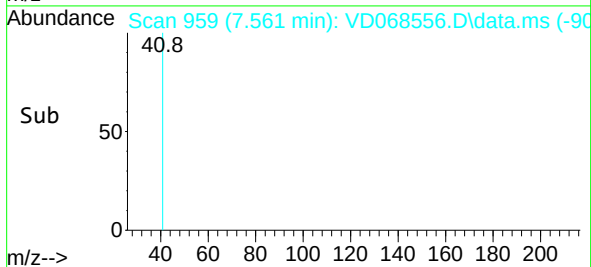
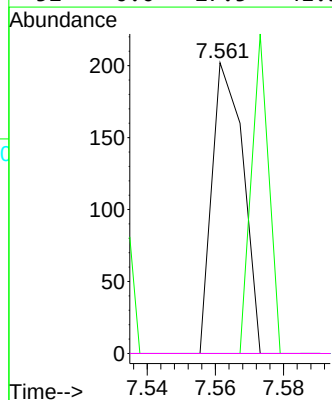
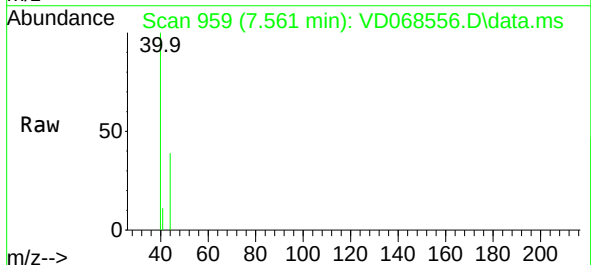
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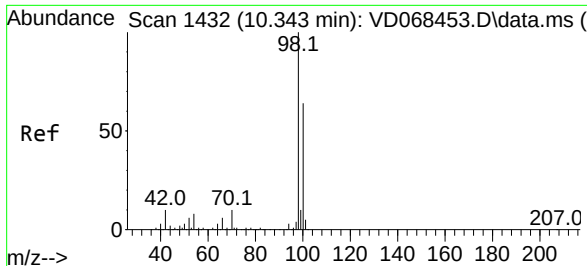
Tgt Ion:117 Resp: 2926
Ion Ratio Lower Upper
117 100
119 11.7 77.3 115.9#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 1.30 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.036 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 41 Resp: 128
Ion Ratio Lower Upper
41 100
39 60.9 45.2 67.8
67 0.0 67.4 101.2#
52 0.0 27.5 41.3#

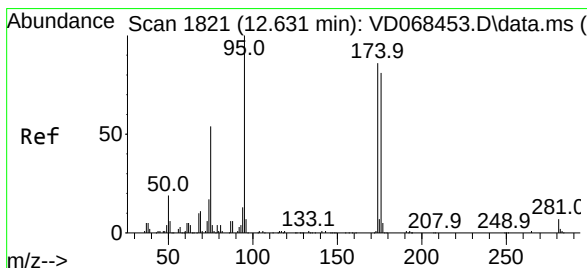
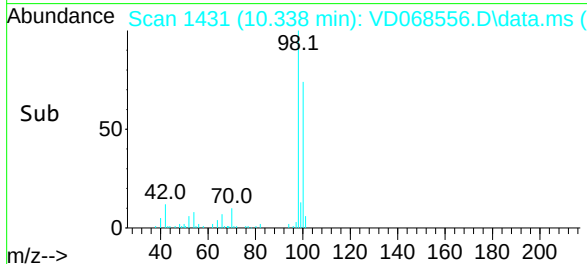
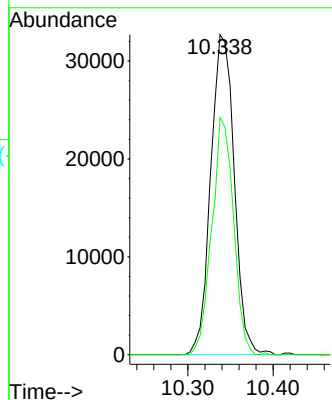
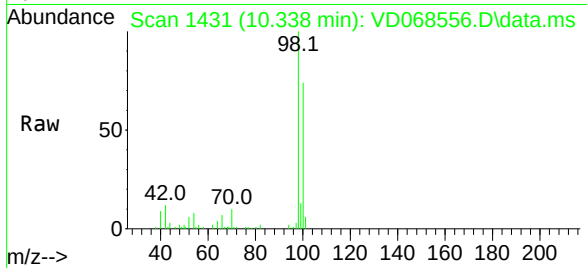




#50
Toluene-d8
Concen: 48.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

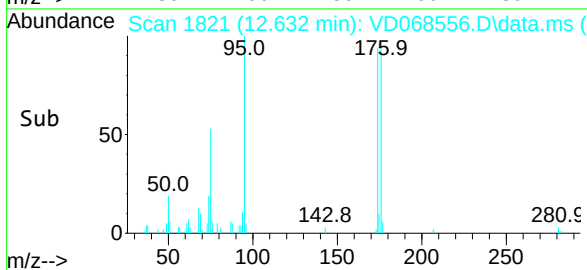
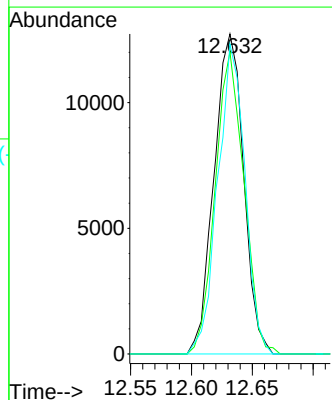
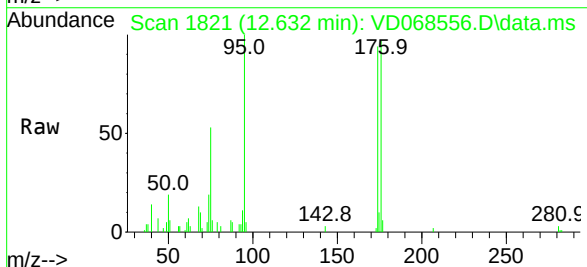
Instrument :
MSVOA_D
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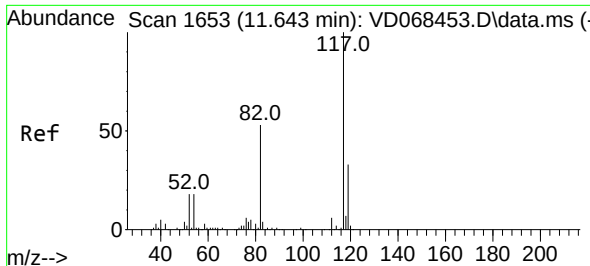
Tgt Ion: 98 Resp: 62674
Ion Ratio Lower Upper
98 100
100 68.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.80 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 95 Resp: 21509
Ion Ratio Lower Upper
95 100
174 91.4 0.0 172.4
176 89.0 0.0 168.4

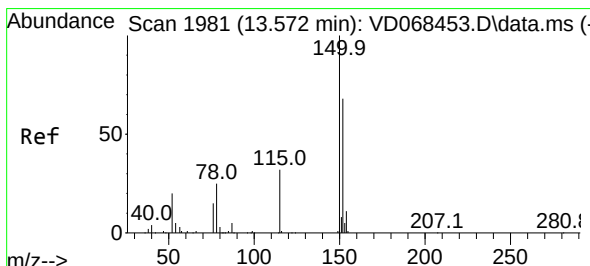
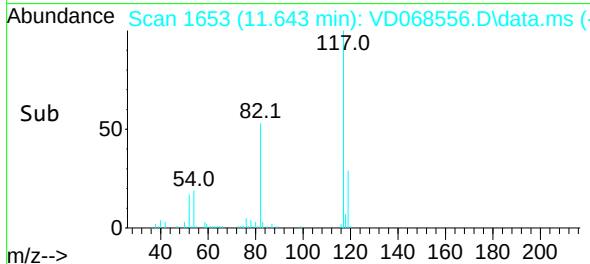
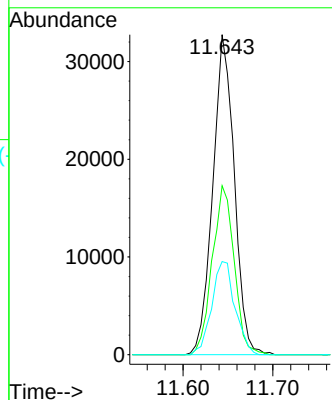
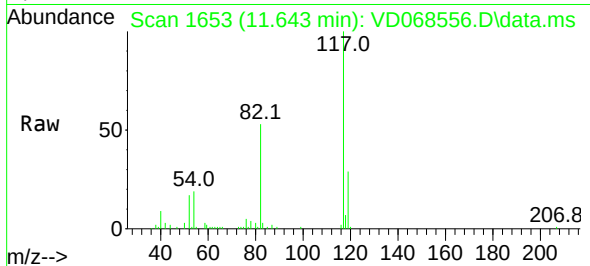




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

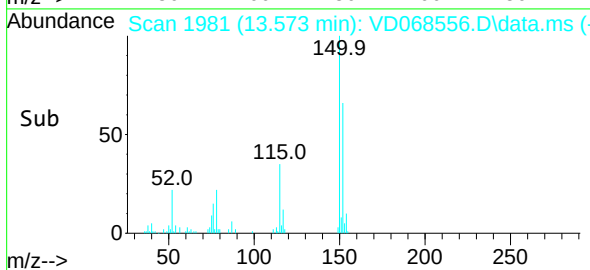
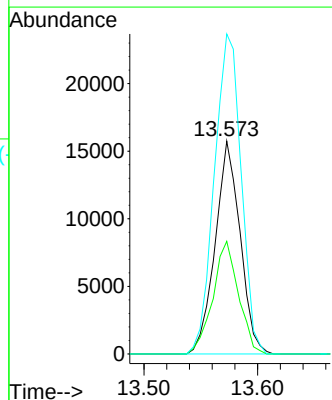
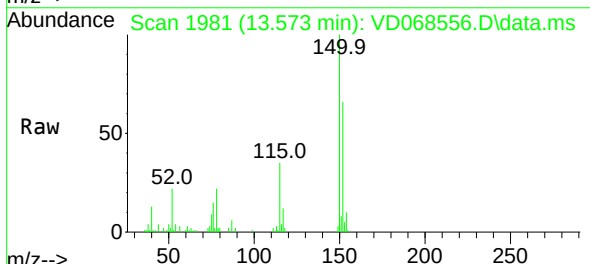
Instrument :
MSVOA_D
ClientSampleId :
VEOLIA-VNJ-208RE

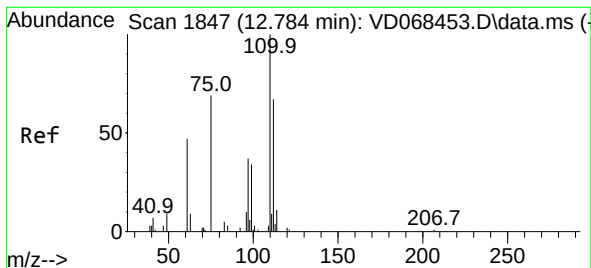
Tgt Ion:117 Resp: 54414
Ion Ratio Lower Upper
117 100
82 52.8 41.4 62.0
119 29.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Tgt Ion:152 Resp: 24039
Ion Ratio Lower Upper
152 100
115 54.3 28.9 86.8
150 161.2 0.0 344.4

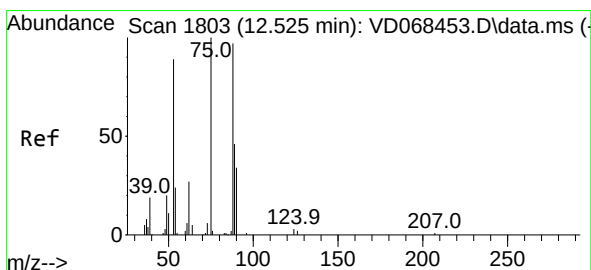
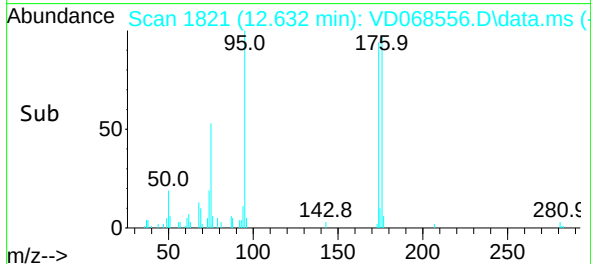
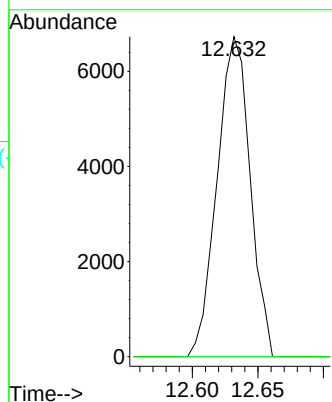
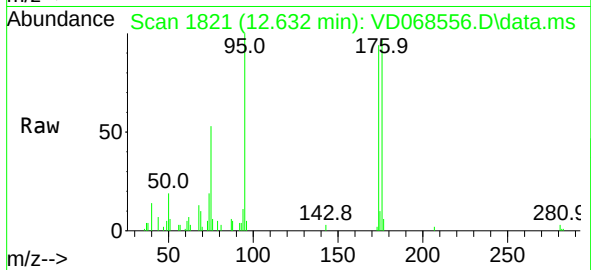




#76
1,2,3-Trichloropropane
Concen: 55.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

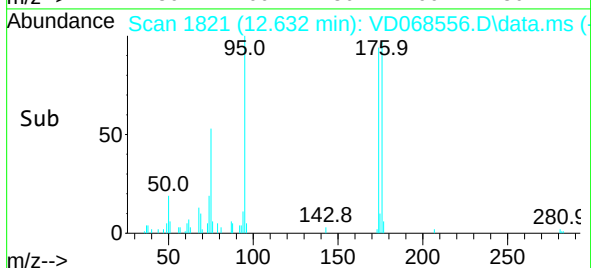
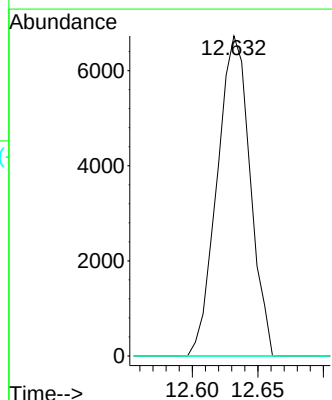
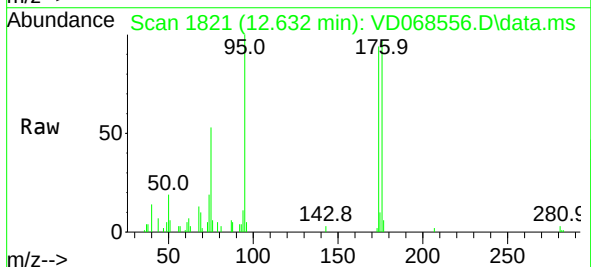
Instrument :
MSVOA_D
ClientSampleId :
VEOLIA-VNJ-208RE

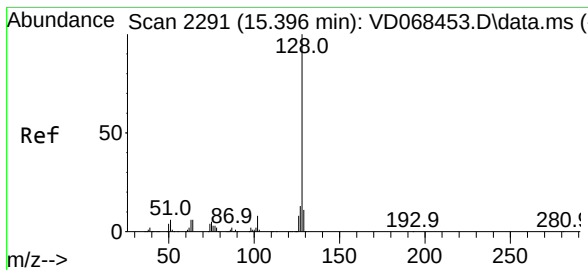
Tgt Ion: 75 Resp: 11778
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 128.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Tgt Ion: 75 Resp: 11778
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#





#95
Naphthalene
Concen: 1.31 ug/l
RT: 15.408 min Scan# 2293
Delta R.T. 0.012 min
Lab File: VD068556.D
Acq: 08 Mar 2021 13:17

Instrument :
MSVOA_D
ClientSampleId :
VEOLIA-VNJ-208RE

Tgt Ion:128 Resp: 1231
Ion Ratio Lower Upper
128 100
127 7.7 10.2 15.2#
129 0.0 8.8 13.2#

