

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068567.D
 Acq On : 08 Mar 2021 18:30
 Operator : VA/SY
 Sample : M1598-01
 Misc : 4.82G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-030821

Quant Time: Mar 09 00:12:44 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)

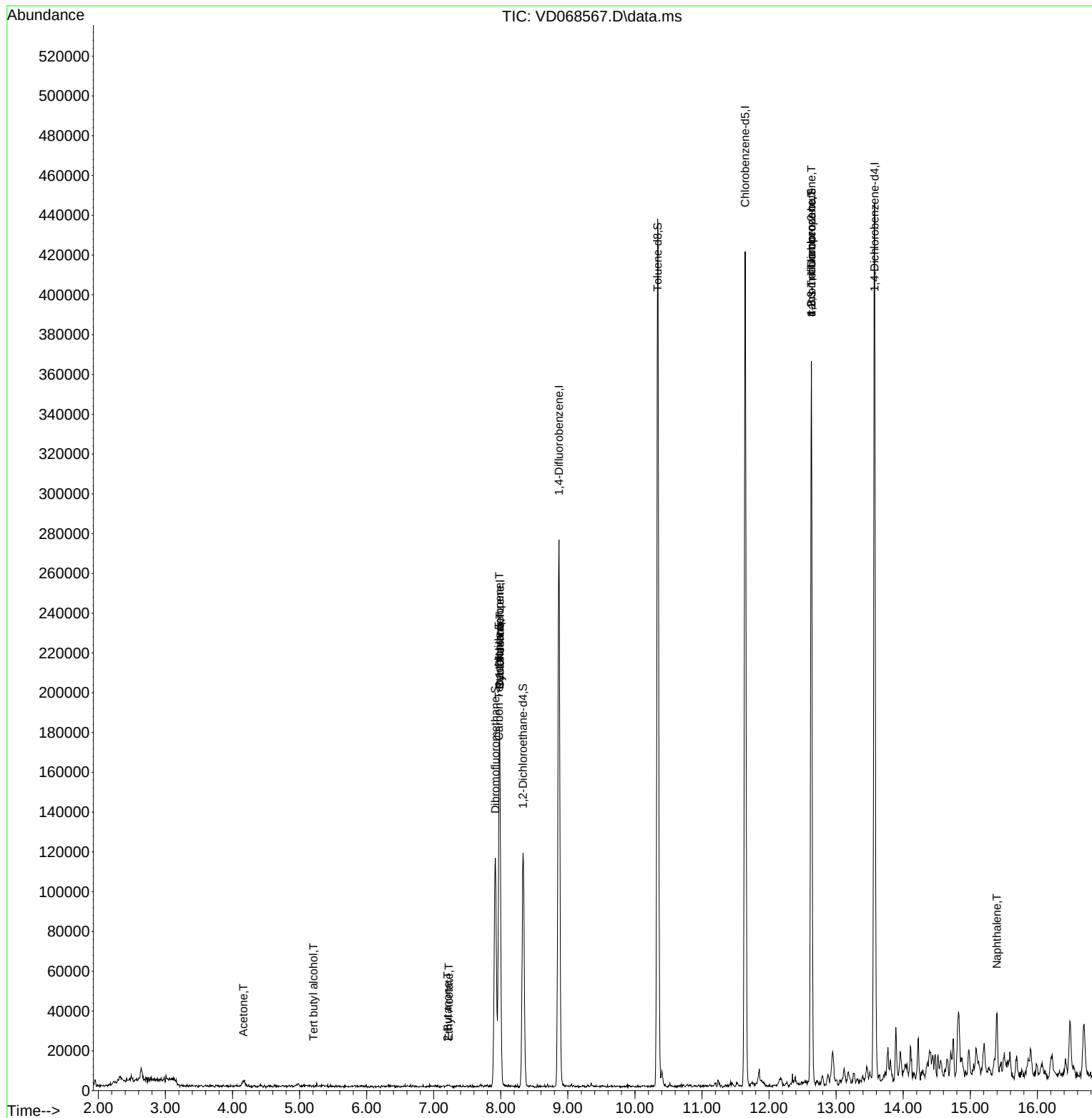
Internal Standards						
1) Pentafluorobenzene	7.985	168	139186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	249275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	250837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	121592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	94355	67.85	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.70%			
35) Dibromofluoromethane	7.920	113	85015	56.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.22%			
50) Toluene-d8	10.338	98	309502	51.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.50%			
62) 4-Bromofluorobenzene	12.632	95	109099	56.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.20%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.208	59	130	1.75	ug/l #	74
16) Acetone	4.162	43	3295	14.92	ug/l #	86
20) Methylene Chloride	4.961	84	710	Below Cal	#	53
25) 2-Butanone	7.208	43	485	1.53	ug/l #	43
31) Cyclohexane	7.985	56	3080	1.22	ug/l #	50
36) 1,1-Dichloropropene	7.979	75	10992	4.64	ug/l #	42
37) Ethyl Acetate	7.226	43	895	1.14	ug/l #	64
38) Carbon Tetrachloride	7.973	117	13171	5.92	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	55739	51.64	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	55739	120.50	ug/l #	13
95) Naphthalene	15.396	128	27436	5.75	ug/l	96

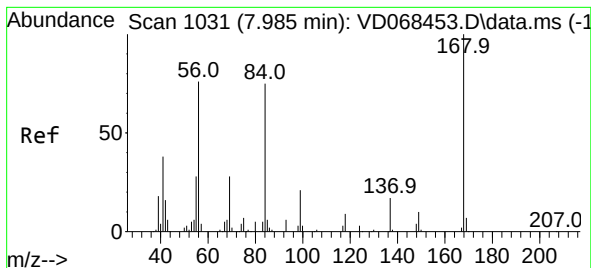
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 26 14:04:14 2021
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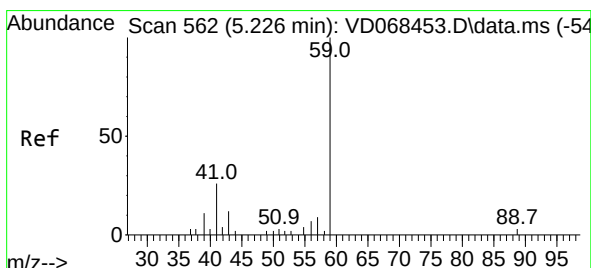
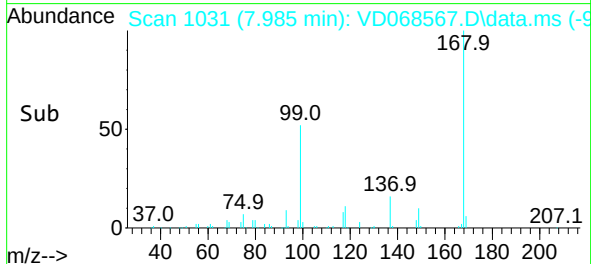
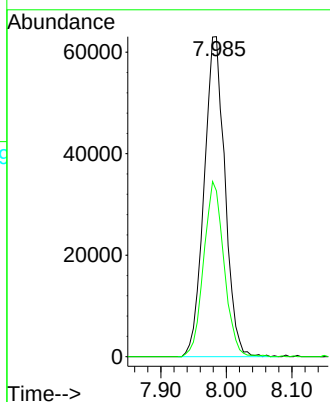
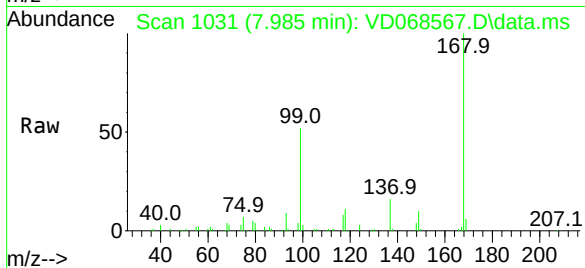




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

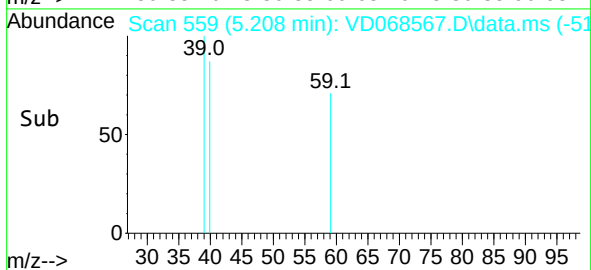
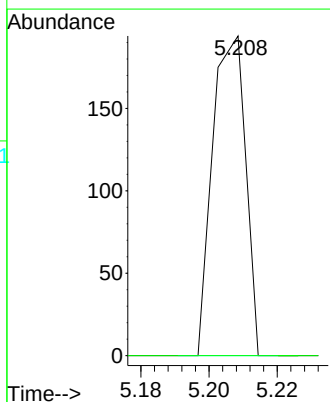
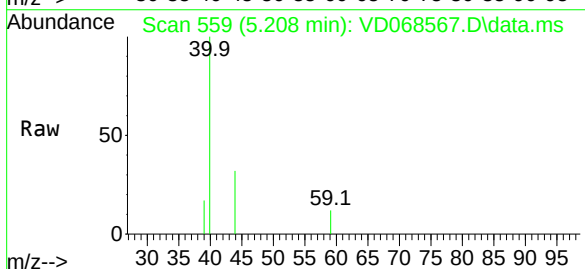
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

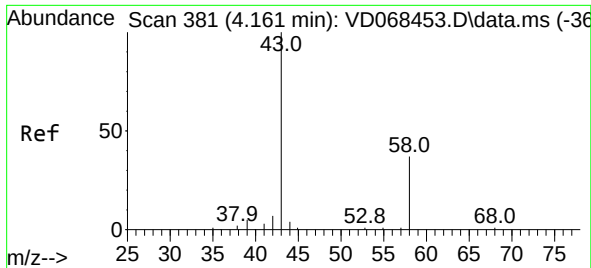
Tgt Ion:168 Resp: 139186
Ion Ratio Lower Upper
168 100
99 51.8 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.75 ug/l
RT: 5.208 min Scan# 559
Delta R.T. -0.017 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

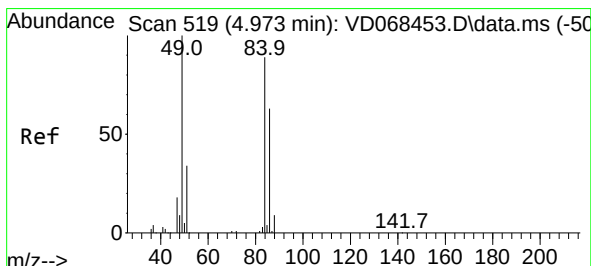
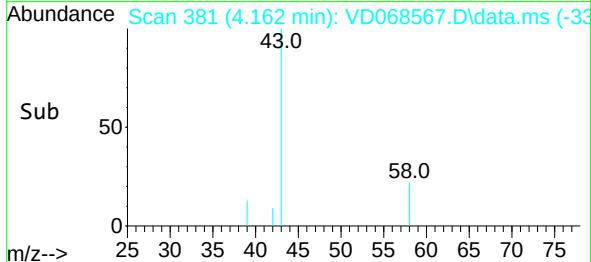
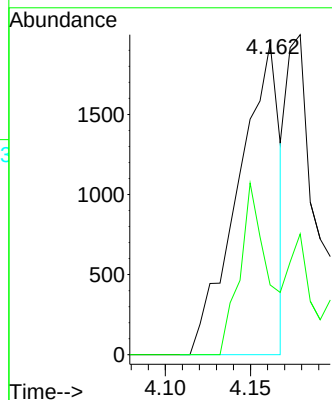
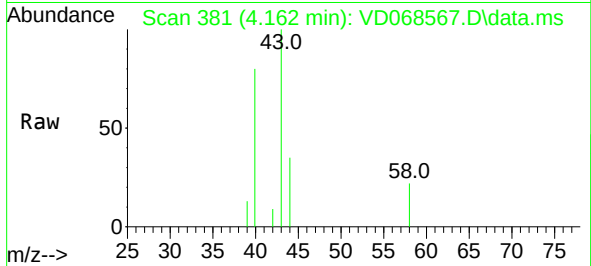




#16
Acetone
Concen: 14.92 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

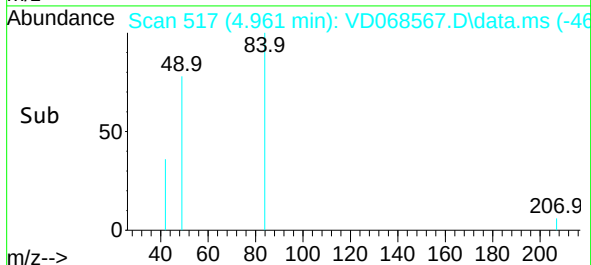
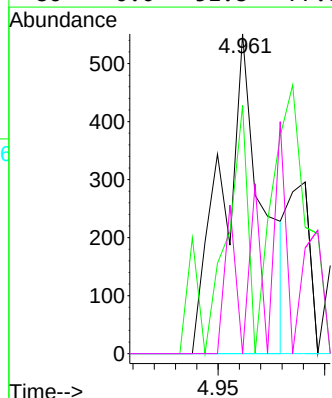
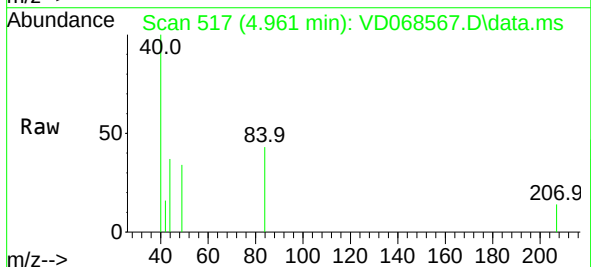
Instrument :
MSVOA_D
ClientSampled :
OR-02-030821

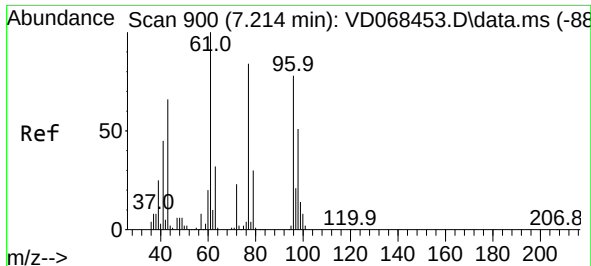
Tgt Ion: 43 Resp: 3295
Ion Ratio Lower Upper
43 100
58 22.4 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 84 Resp: 710
Ion Ratio Lower Upper
84 100
49 77.7 77.4 116.2
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#

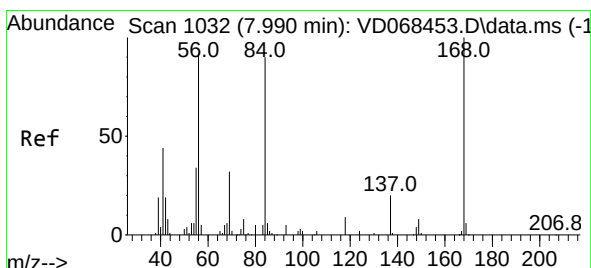
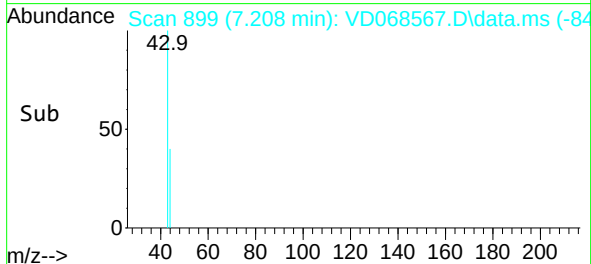
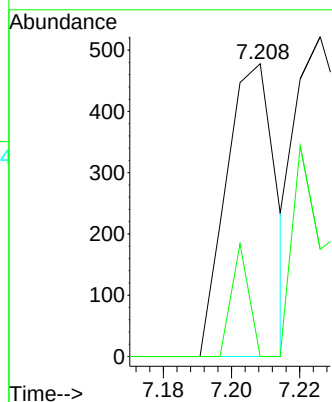
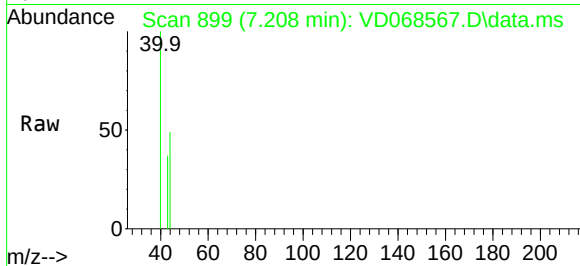




#25
2-Butanone
Concen: 1.53 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

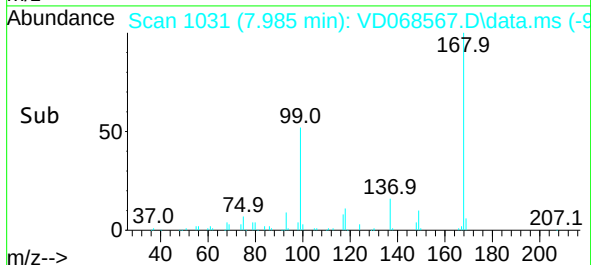
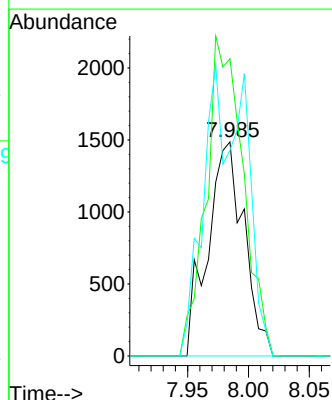
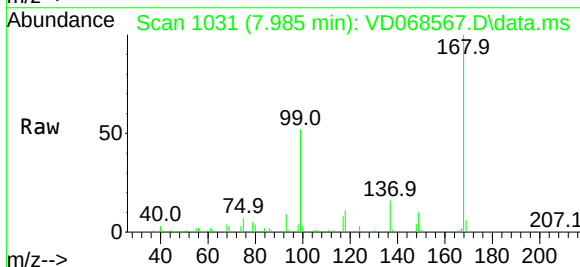
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

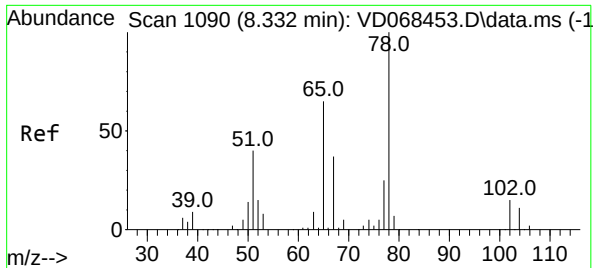
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
72 0.0 25.1 37.7#



#31
Cyclohexane
Concen: 1.22 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 56 Resp: 3080
Ion Ratio Lower Upper
56 100
69 138.9 30.1 45.1#
84 96.0 82.1 123.1

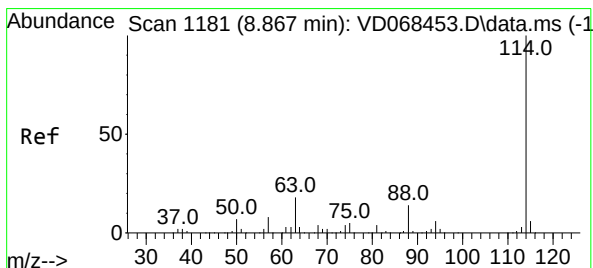
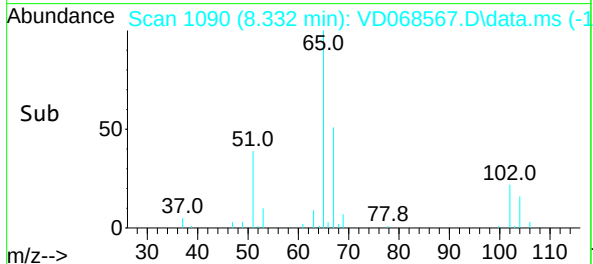
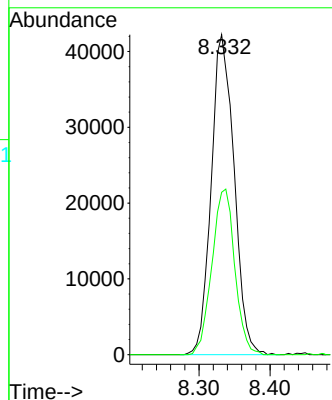
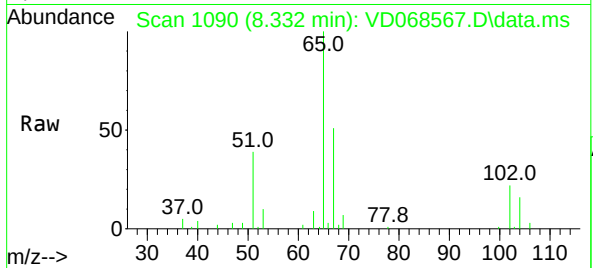




#33
1,2-Dichloroethane-d4
Concen: 67.85 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

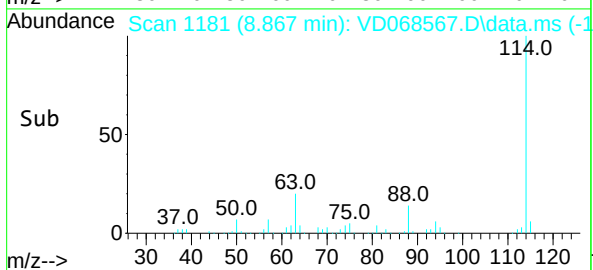
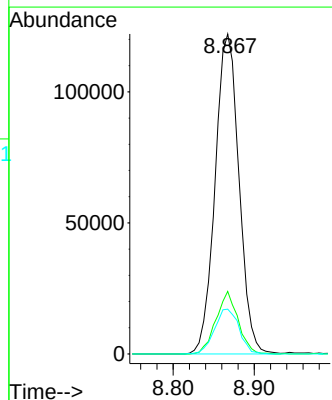
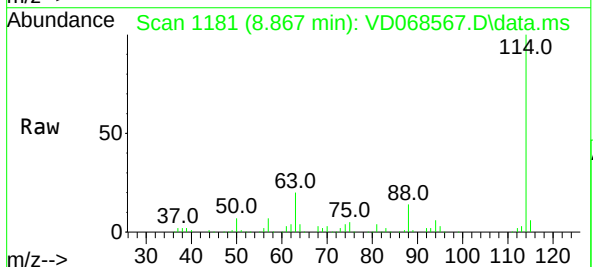
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

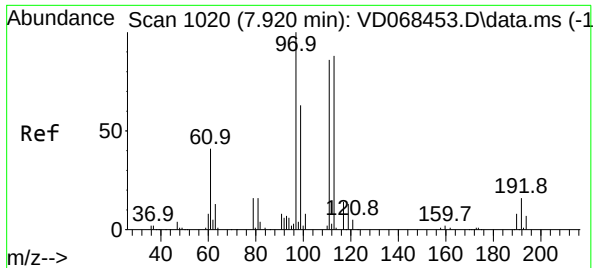
Tgt Ion: 65 Resp: 94355
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 114 Resp: 249275
Ion Ratio Lower Upper
114 100
63 19.6 0.0 34.8
88 14.0 0.0 31.6

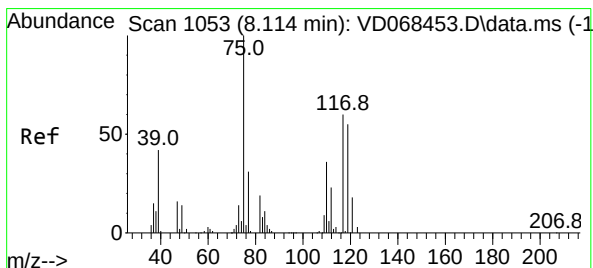
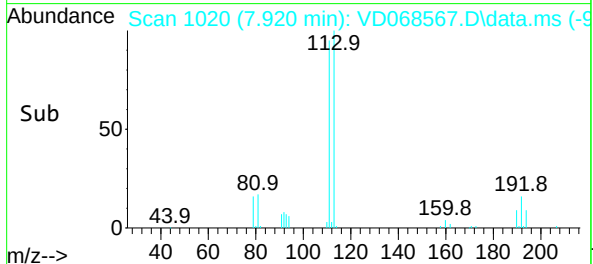
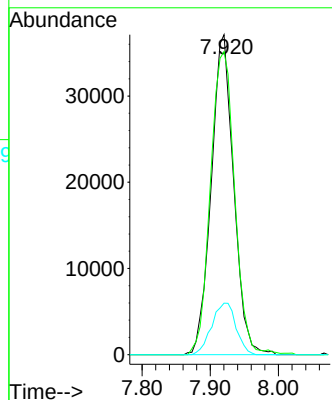
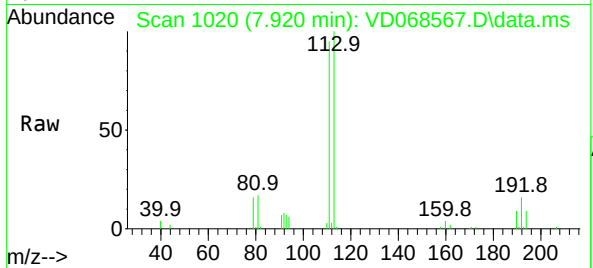




#35
Dibromofluoromethane
Concen: 56.61 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

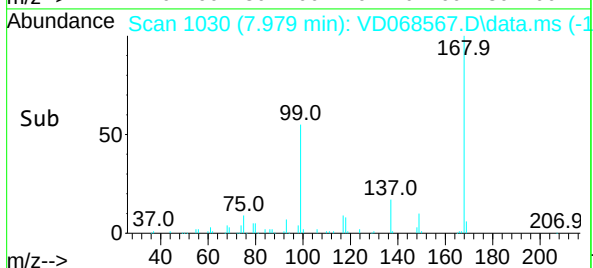
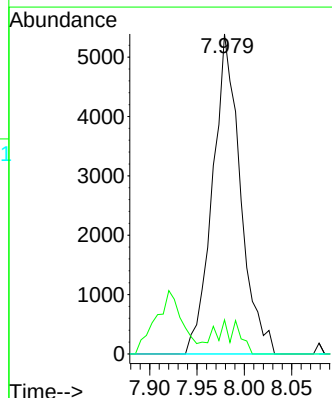
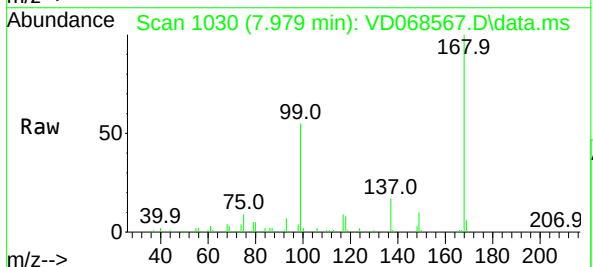
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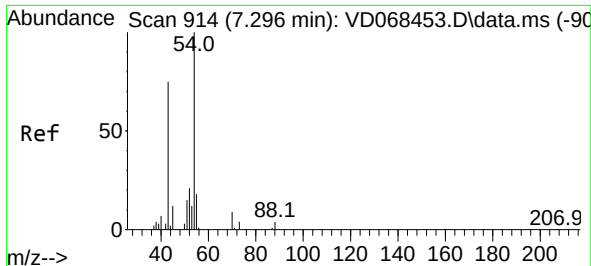
Tgt Ion:	113	Resp:	85015
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	17.4	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion:	75	Resp:	10992
Ion	Ratio	Lower	Upper
75	100		
110	2.5	19.4	58.2#
77	0.0	25.3	37.9#





#37

Ethyl Acetate

Concen: 1.14 ug/l

RT: 7.226 min Scan# 902

Delta R.T. -0.070 min

Lab File: VD068567.D

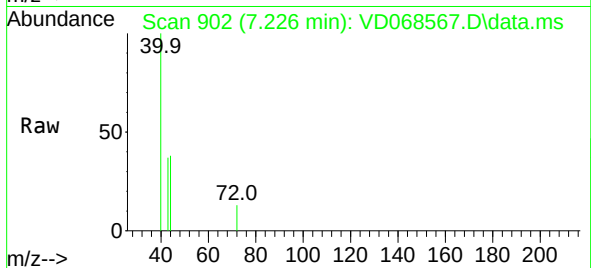
Acq: 08 Mar 2021 18:30

Instrument :

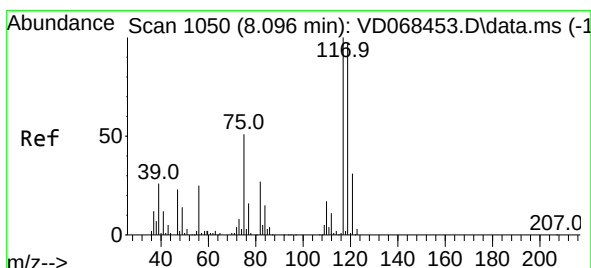
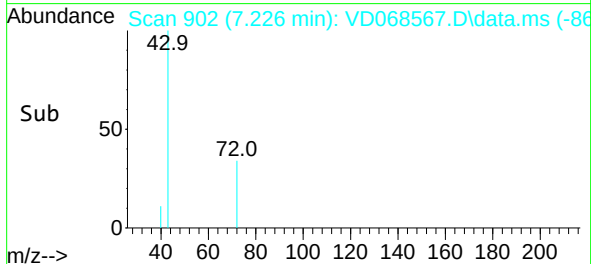
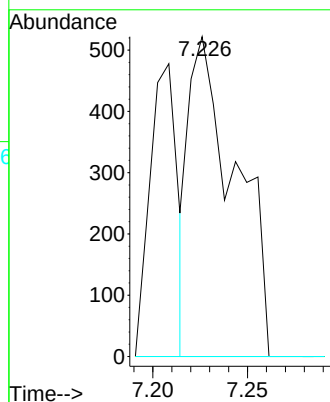
MSVOA_D

ClientSampleId :

OR-02-030821



Tgt Ion:	43	Resp:	895
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.9	19.3#
70	0.0	11.0	16.6#



#38

Carbon Tetrachloride

Concen: 5.92 ug/l

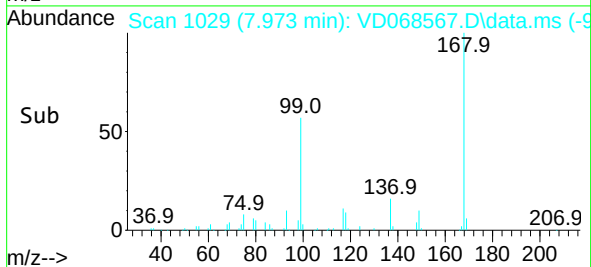
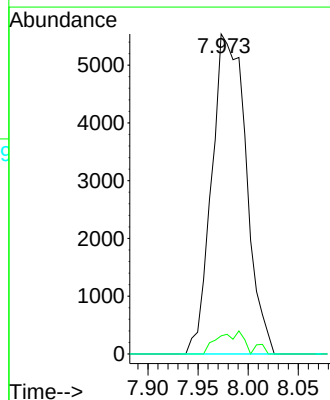
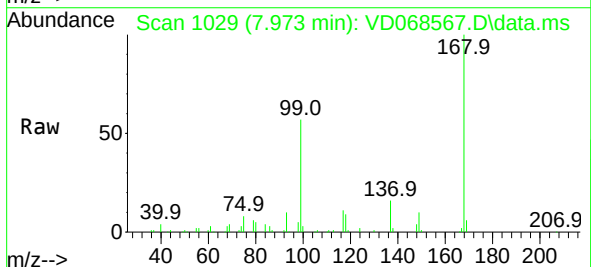
RT: 7.973 min Scan# 1029

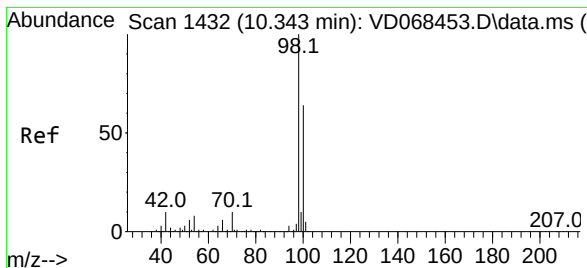
Delta R.T. -0.123 min

Lab File: VD068567.D

Acq: 08 Mar 2021 18:30

Tgt Ion:	117	Resp:	13171
Ion	Ratio	Lower	Upper
117	100		
119	5.6	77.3	115.9#
121	0.0	24.7	37.1#

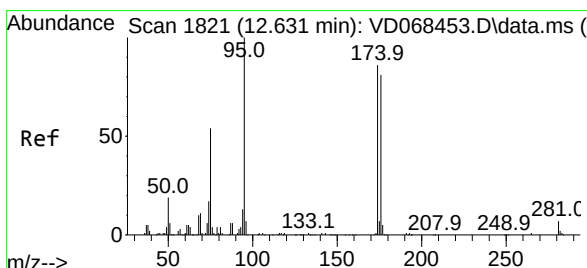
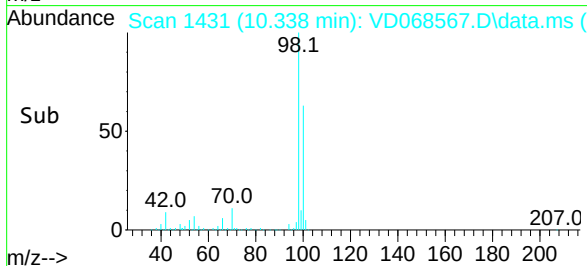
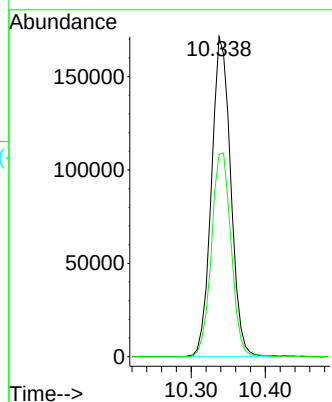
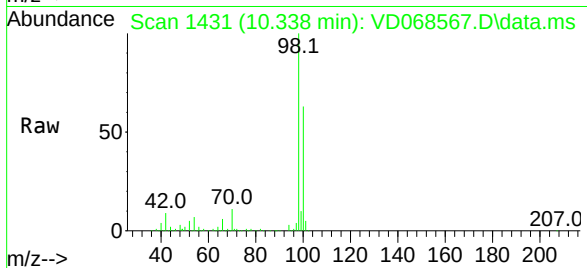




#50
Toluene-d8
Concen: 51.75 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

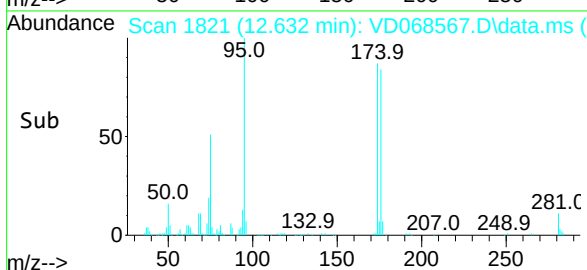
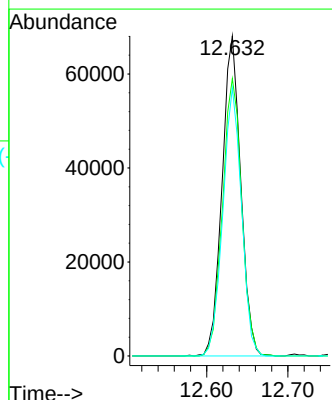
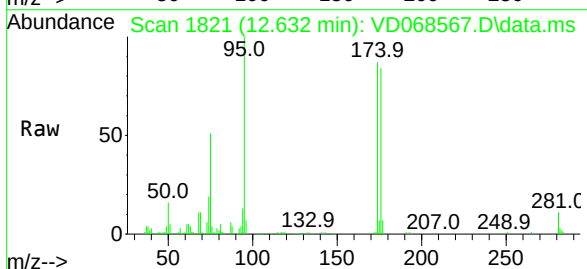
Instrument :
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OR-02-030821

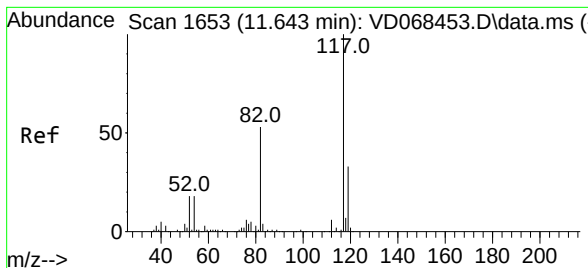
Tgt Ion: 98 Resp: 309502
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 95 Resp: 109099
Ion Ratio Lower Upper
95 100
174 89.0 0.0 172.4
176 83.5 0.0 168.4

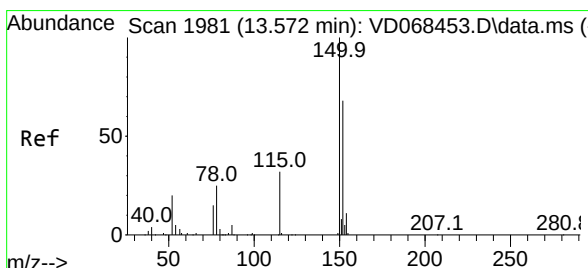
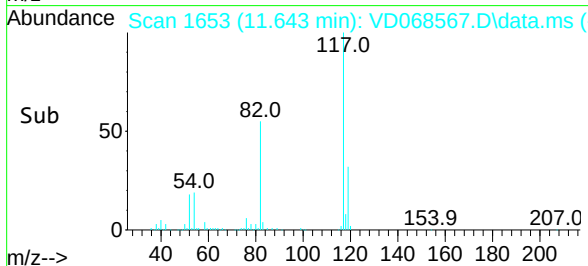
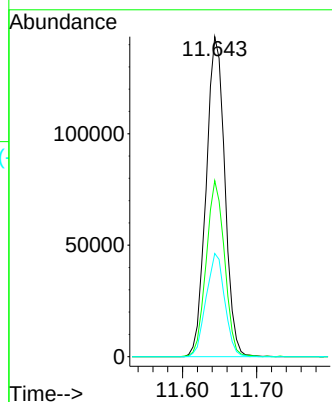
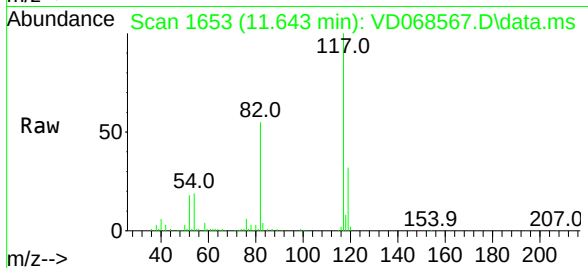




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

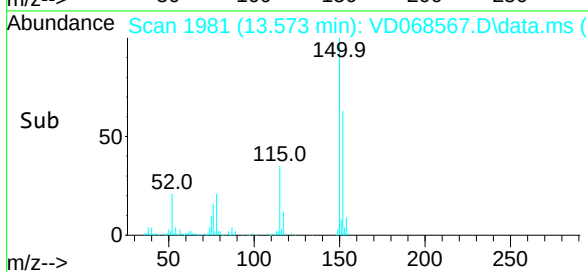
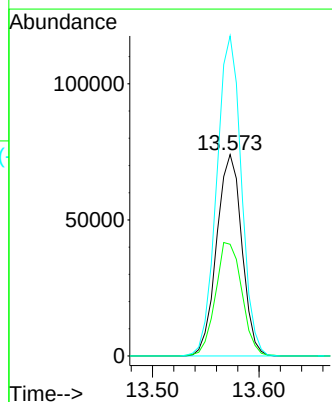
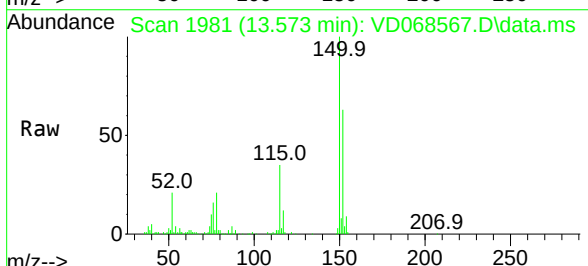
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

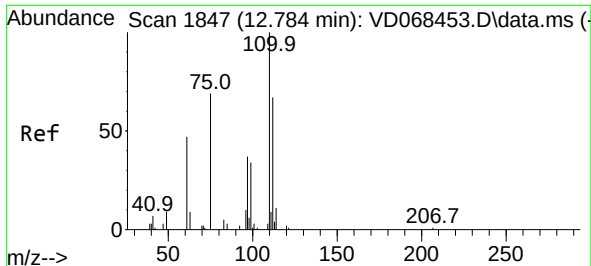
Tgt Ion:117 Resp: 250837
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.0
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion:152 Resp: 121592
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 155.6 0.0 344.4

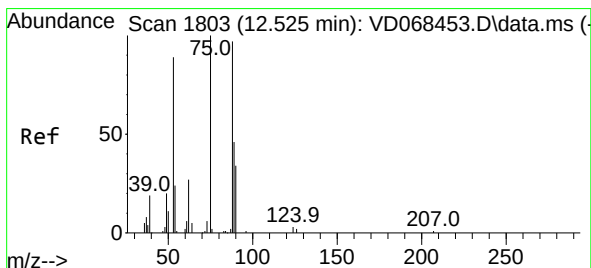
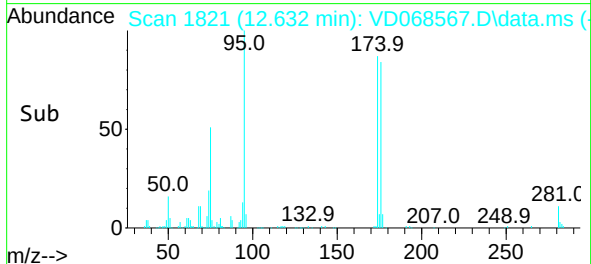
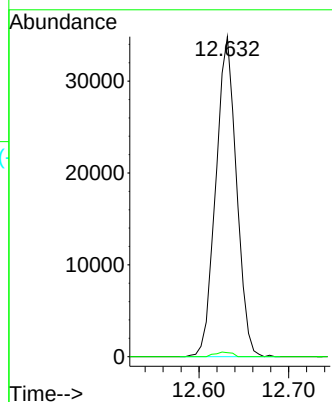
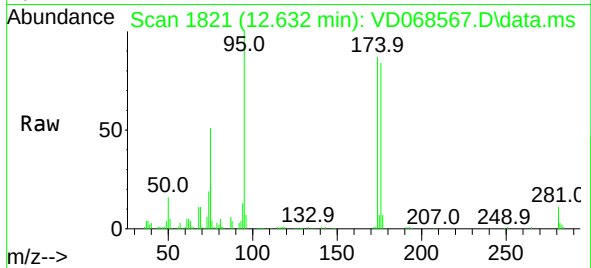




#76
1,2,3-Trichloropropane
Concen: 51.64 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

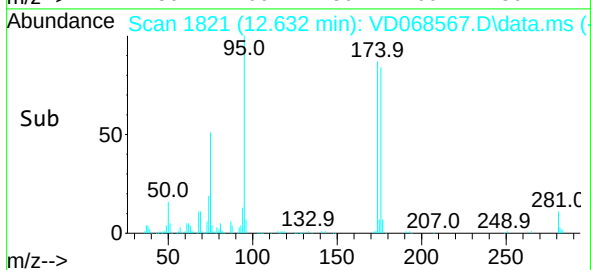
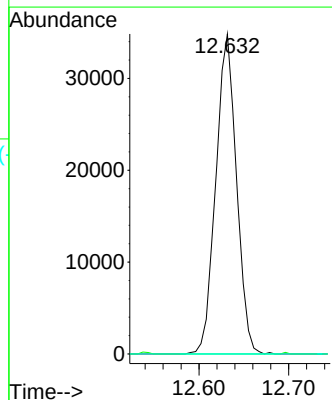
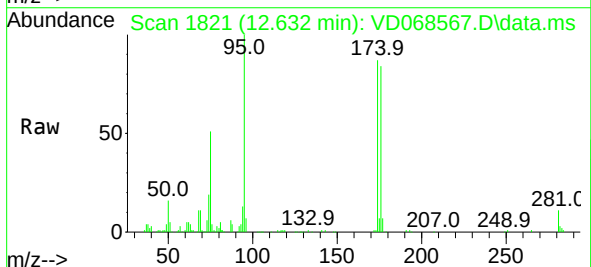
Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

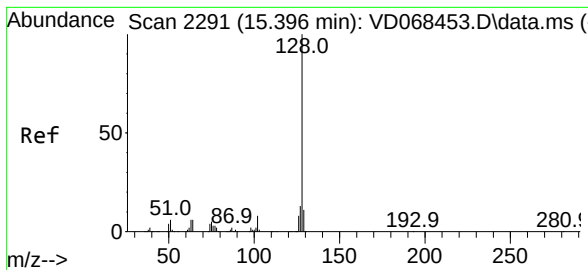
Tgt Ion: 75 Resp: 55739
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.50 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Tgt Ion: 75 Resp: 55739
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#





#95
Naphthalene
Concen: 5.75 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068567.D
Acq: 08 Mar 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
OR-02-030821

Tgt Ion:	128	Resp:	27436
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.2	15.2
129	12.8	8.8	13.2

