

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012821\
 Data File : VD068213.D
 Acq On : 28 Jan 2021 10:31
 Operator : VA/SY
 Sample : VD0128SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0128SBL01

Quant Time: Jan 29 00:05:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	352360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	550744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	245954	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149570	44.37	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.74%
35) Dibromofluoromethane	7.920	113	150345	43.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.70%
50) Toluene-d8	10.338	98	565348	41.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.46%
62) 4-Bromofluorobenzene	12.632	95	205721	41.66	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.32%

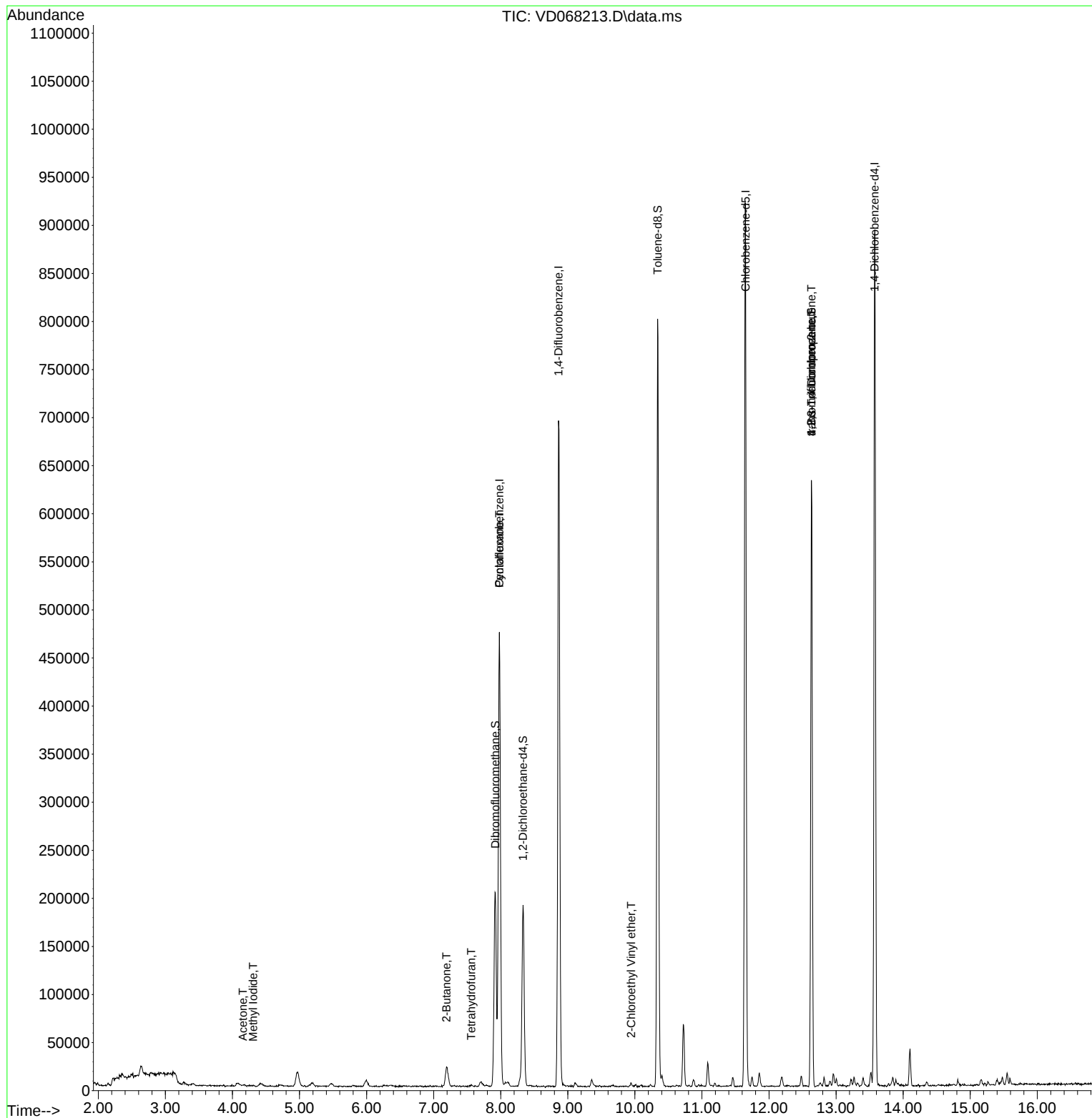
Target Compounds						Qvalue
10) Methyl Iodide	4.309	142	1273	3.44	ug/l #	57
11) Tert butyl alcohol	5.203	59	1717	Below	Cal #	74
16) Acetone	4.156	43	1375	2.28	ug/l #	75
20) Methylene Chloride	4.973	84	12686	Below	Cal	94
25) 2-Butanone	7.191	43	1280	1.41	ug/l #	43
29) Tetrahydrofuran	7.561	42	1139	1.94	ug/l #	46
31) Cyclohexane	7.979	56	9763	1.34	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.944	63	1990	1.05	ug/l #	81
76) 1,2,3-Trichloropropane	12.632	75	103117	43.36	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	103117	87.74	ug/l #	13

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

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

Quant Time: Jan 29 00:05:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

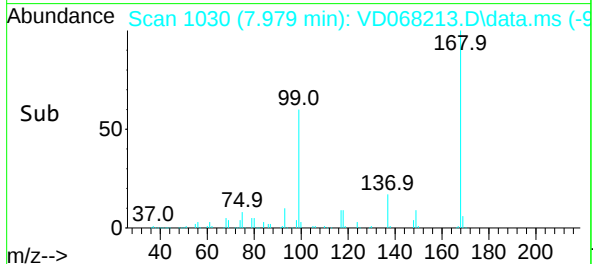
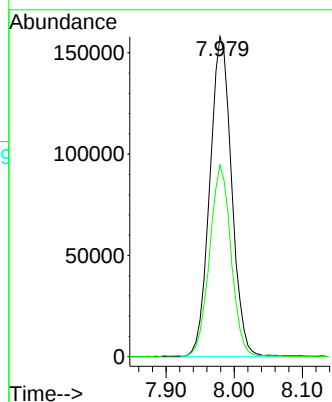
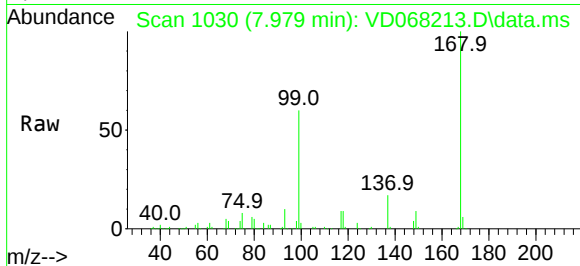




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

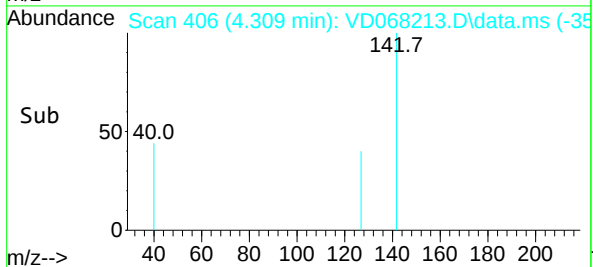
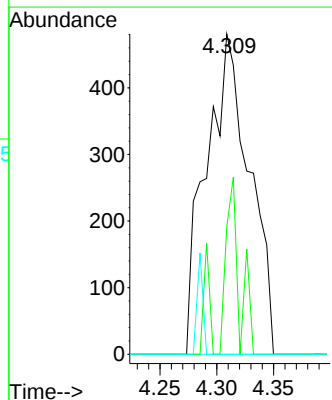
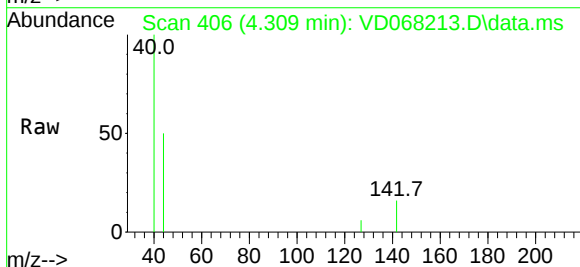
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

Tgt Ion:168 Resp: 352360
Ion Ratio Lower Upper
168 100
99 59.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.44 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion:142 Resp: 1273
Ion Ratio Lower Upper
142 100
127 17.0 37.9 56.9#
141 0.0 11.5 17.3#

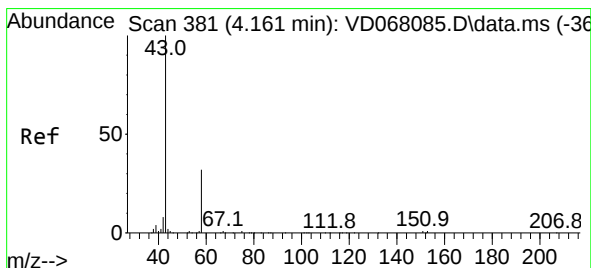
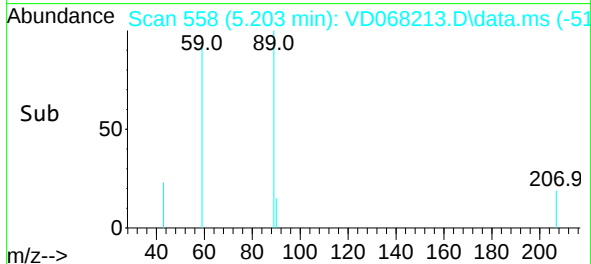
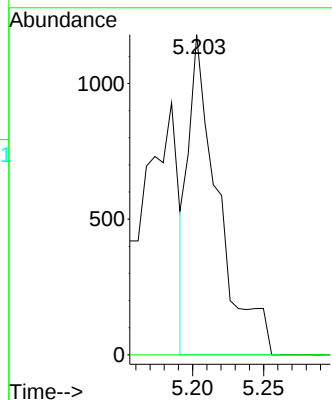
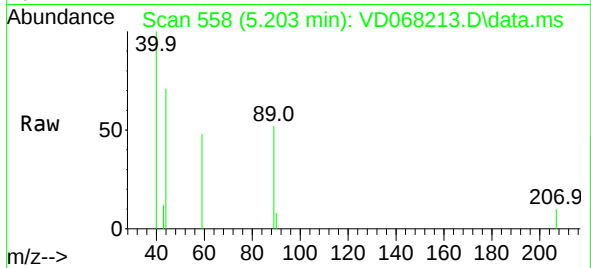




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.203 min Scan# 558
Delta R.T. -0.017 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

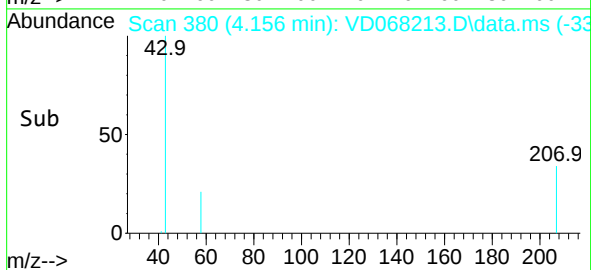
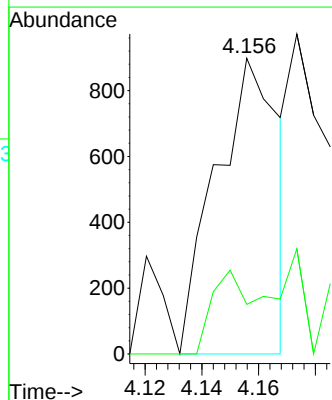
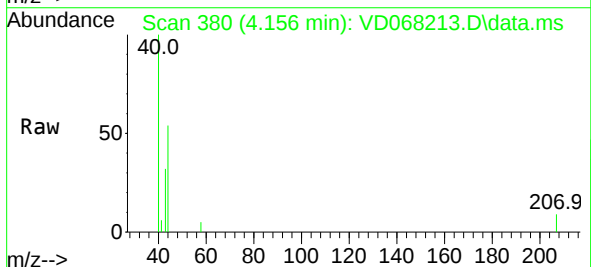
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

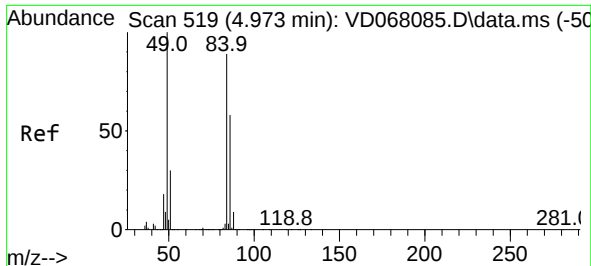
Tgt Ion: 59 Resp: 1717
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 2.28 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion: 43 Resp: 1375
Ion Ratio Lower Upper
43 100
58 16.8 24.2 36.4#

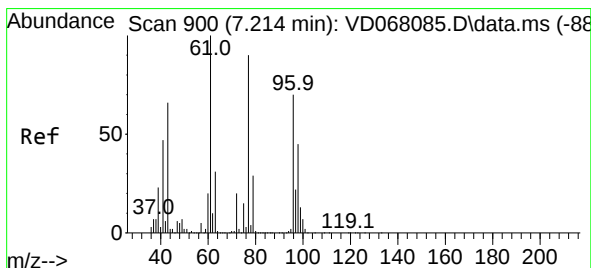
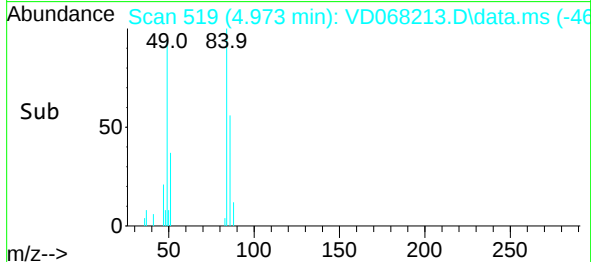
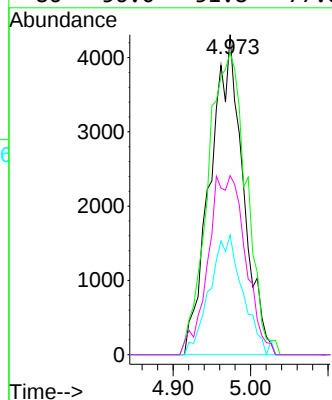
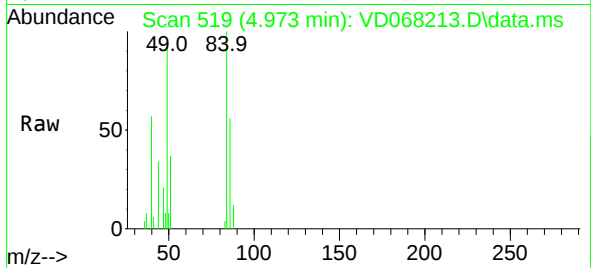




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

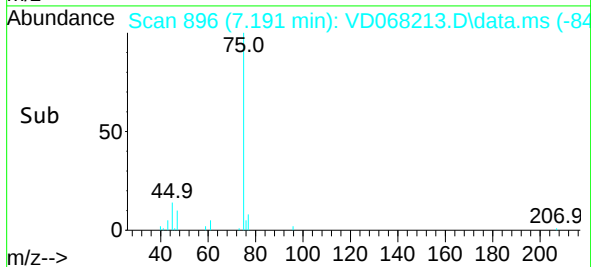
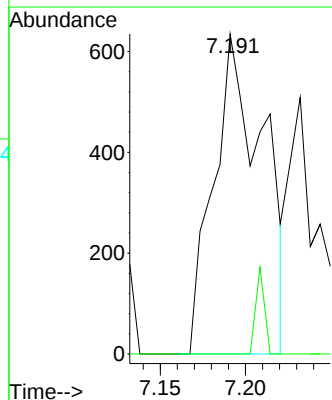
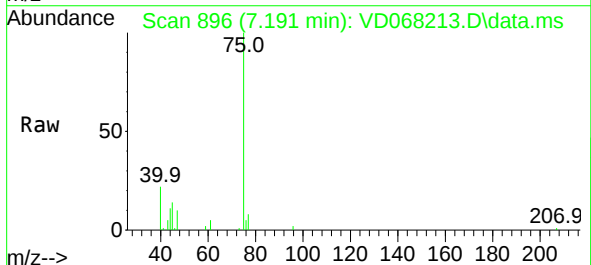
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

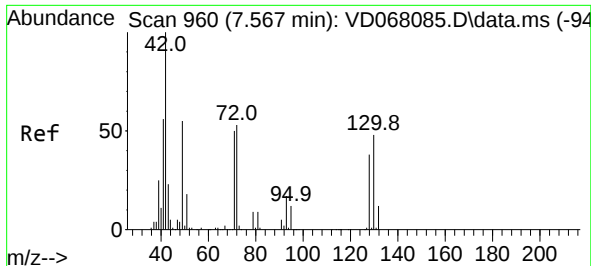
Tgt Ion:	84	Resp:	12686
Ion	Ratio	Lower	Upper
84	100		
49	94.3	77.4	116.2
51	37.4	26.1	39.1
86	56.0	51.8	77.8



#25
2-Butanone
Concen: 1.41 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.023 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion:	43	Resp:	1280
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.1	37.7#





#29

Tetrahydrofuran

Concen: 1.94 ug/l

RT: 7.561 min Scan# 959

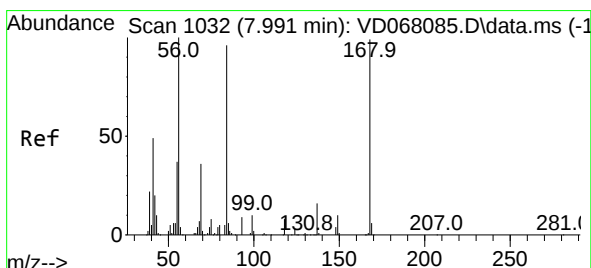
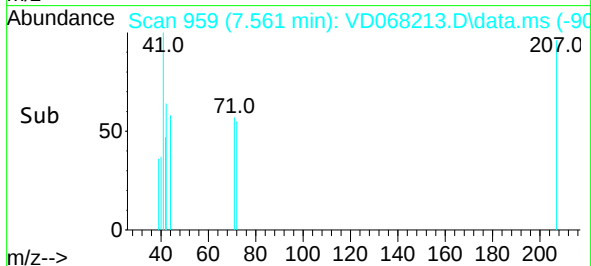
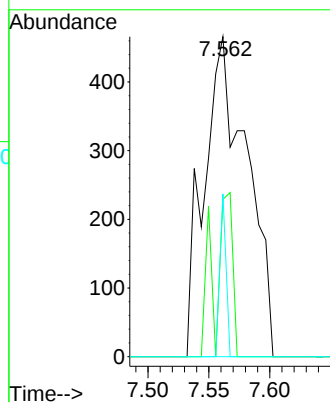
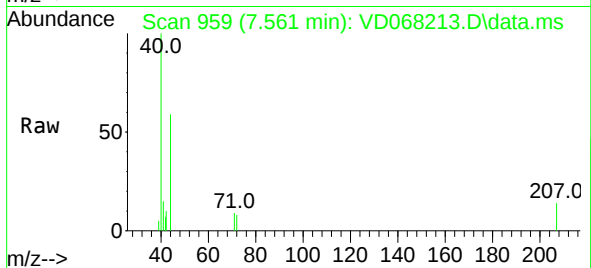
Delta R.T. -0.006 min

Lab File: VD068213.D

Acq: 28 Jan 2021 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

Tgt Ion:	42	Resp:	1139
Ion	Ratio	Lower	Upper
42	100		
72	21.3	43.4	65.0#
71	7.4	40.8	61.2#



#31

Cyclohexane

Concen: 1.34 ug/l

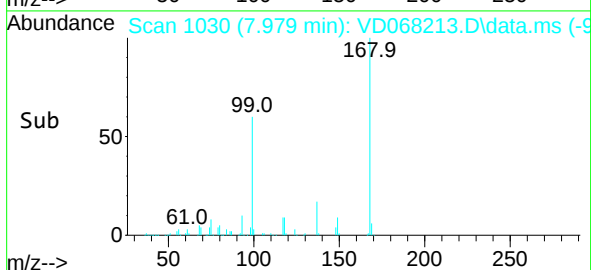
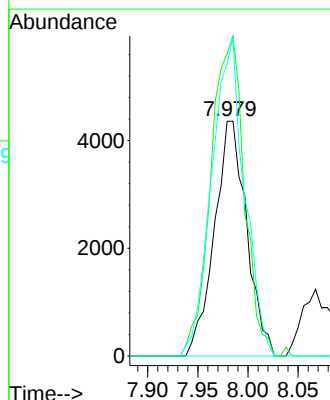
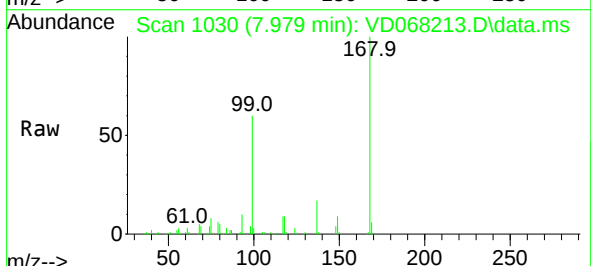
RT: 7.979 min Scan# 1030

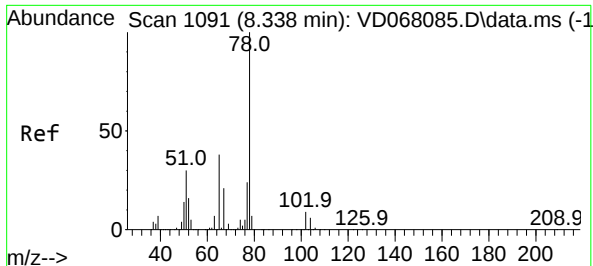
Delta R.T. -0.011 min

Lab File: VD068213.D

Acq: 28 Jan 2021 10:31

Tgt Ion:	56	Resp:	9763
Ion	Ratio	Lower	Upper
56	100		
69	128.8	30.1	45.1#
84	124.6	82.1	123.1#

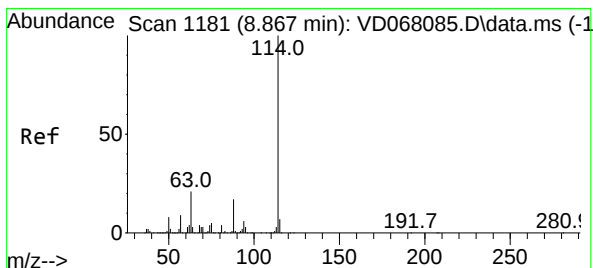
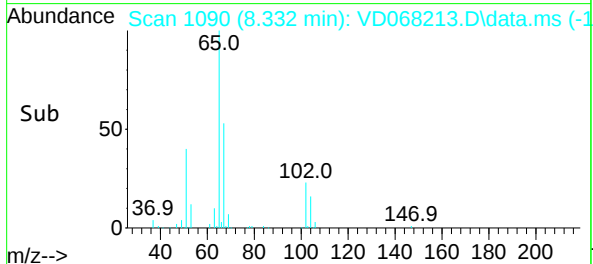
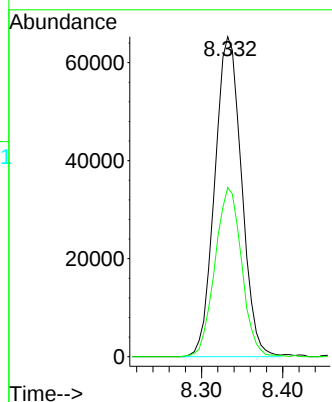
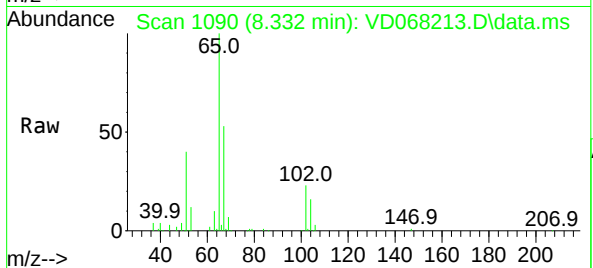




#33
1,2-Dichloroethane-d4
Concen: 44.37 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

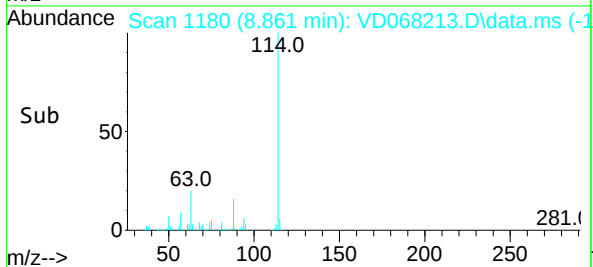
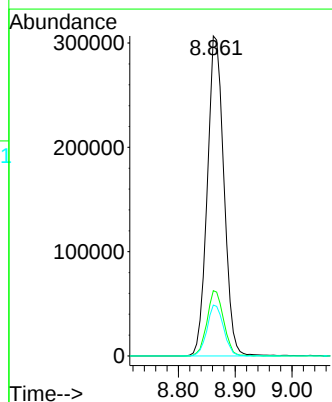
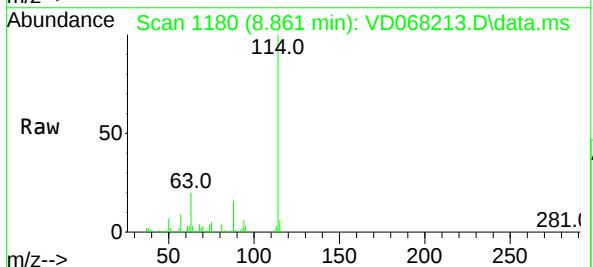
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

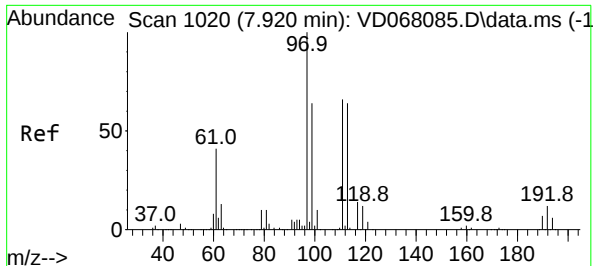
Tgt Ion: 65 Resp: 149570
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion: 114 Resp: 620095
Ion Ratio Lower Upper
114 100
63 20.4 0.0 34.8
88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 43.85 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068213.D

Acq: 28 Jan 2021 10:31

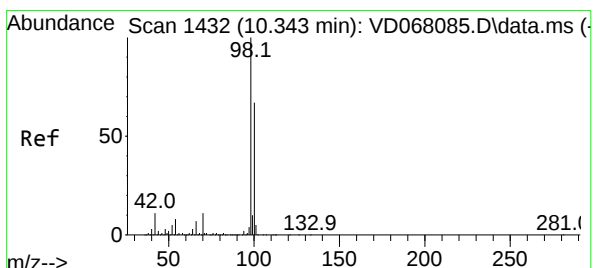
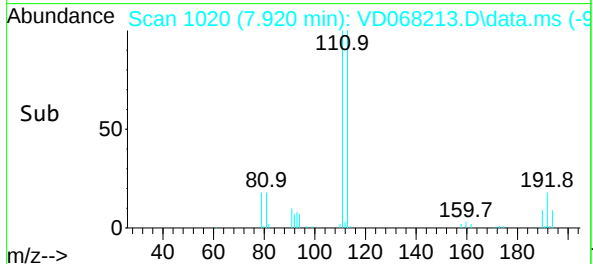
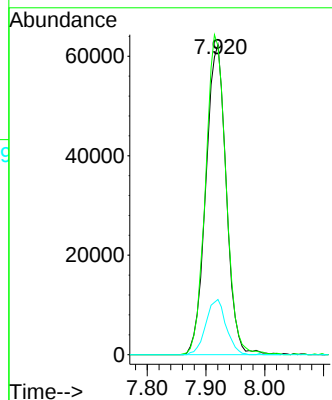
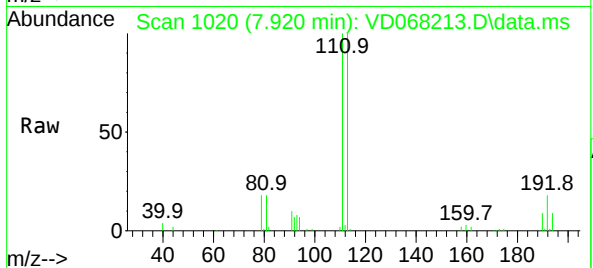
Tgt Ion:113 Resp: 150345

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 17.7 16.1 24.1



#50

Toluene-d8

Concen: 41.23 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD068213.D

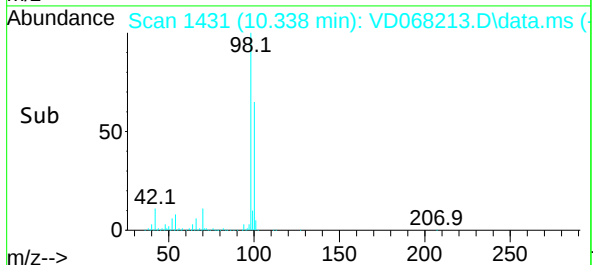
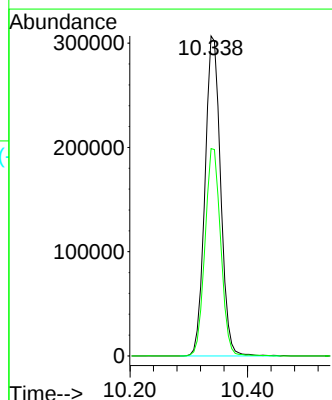
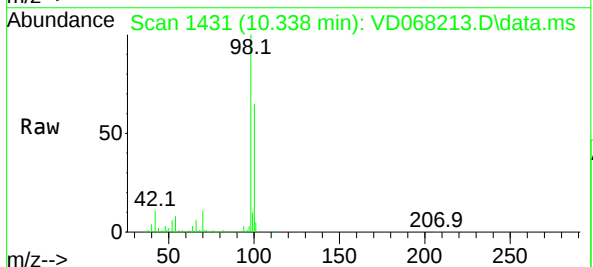
Acq: 28 Jan 2021 10:31

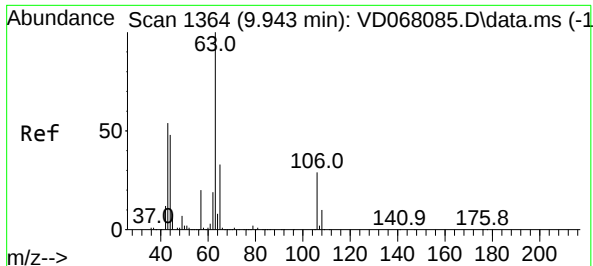
Tgt Ion: 98 Resp: 565348

Ion Ratio Lower Upper

98 100

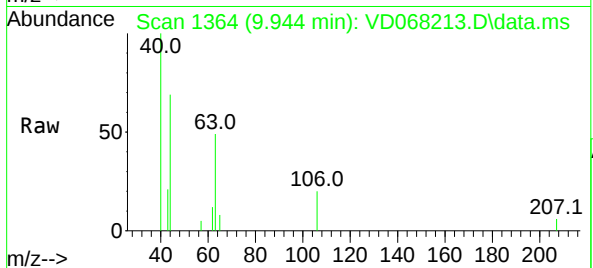
100 65.3 53.0 79.4



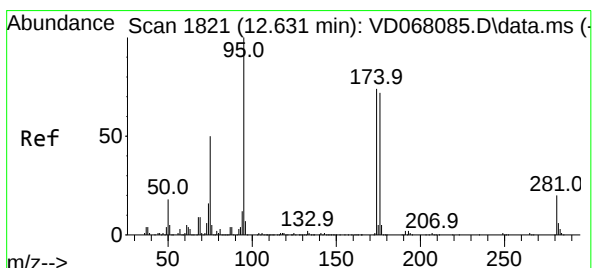
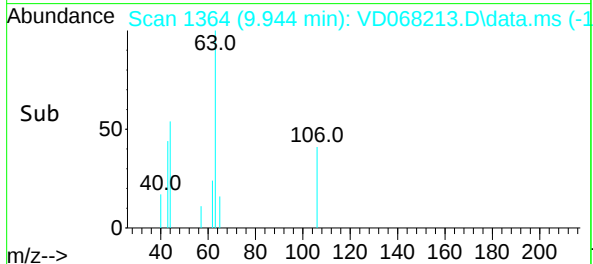
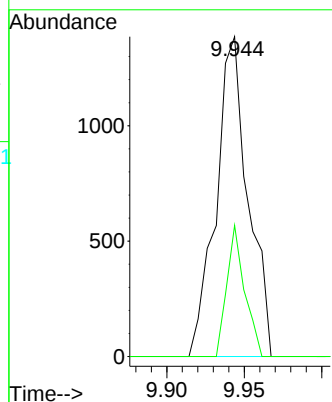


#58
2-Chloroethyl Vinyl ether
Concen: 1.05 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

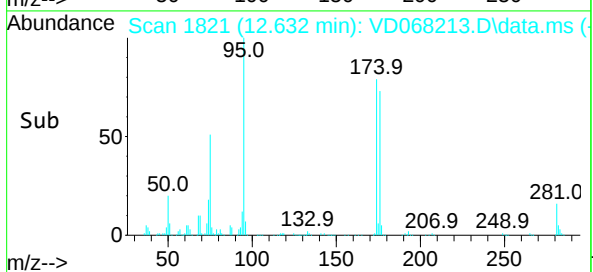
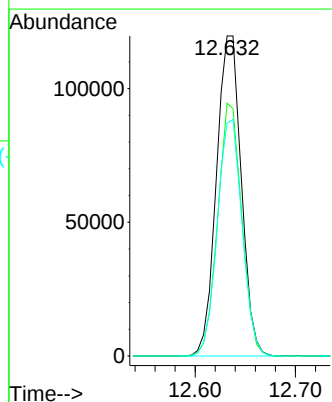
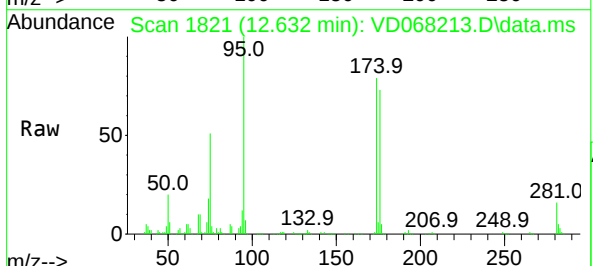


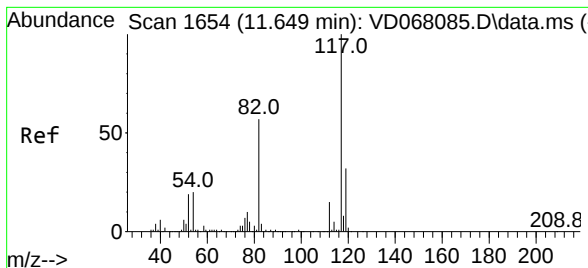
Tgt Ion: 63 Resp: 1990
Ion Ratio Lower Upper
63 100
106 22.8 27.0 40.4#



#62
4-Bromofluorobenzene
Concen: 41.66 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion: 95 Resp: 205721
Ion Ratio Lower Upper
95 100
174 76.5 0.0 172.4
176 73.7 0.0 168.4

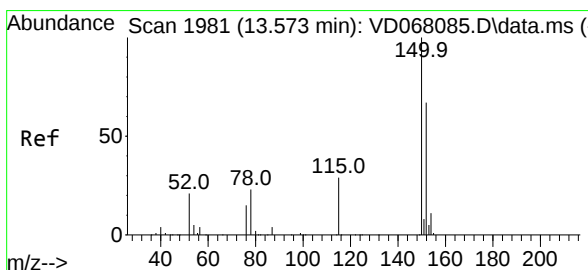
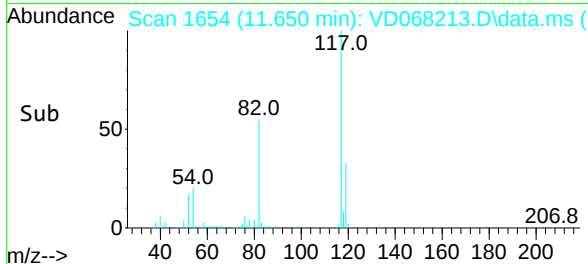
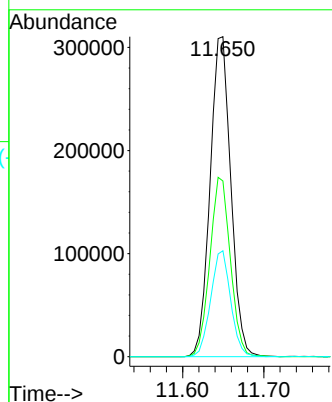
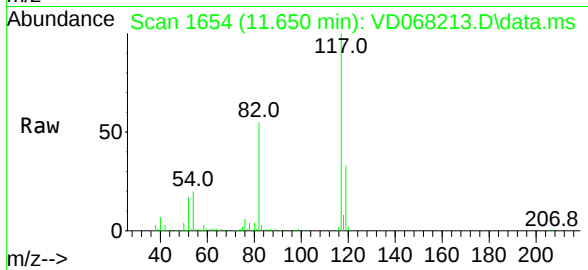




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

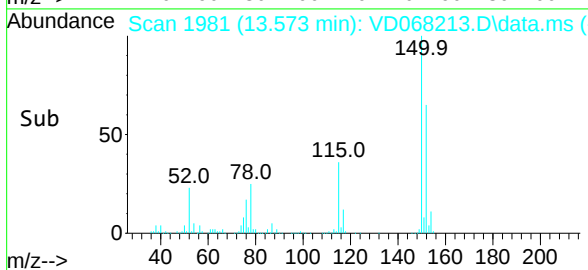
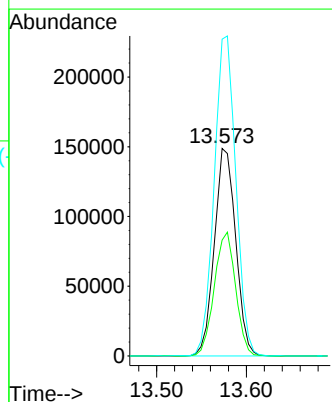
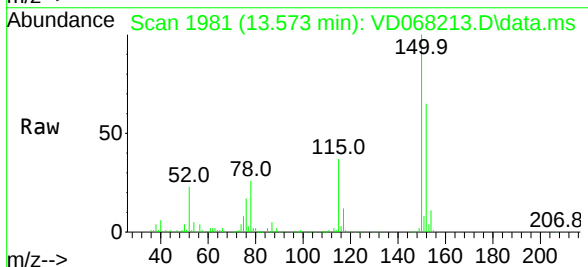
Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

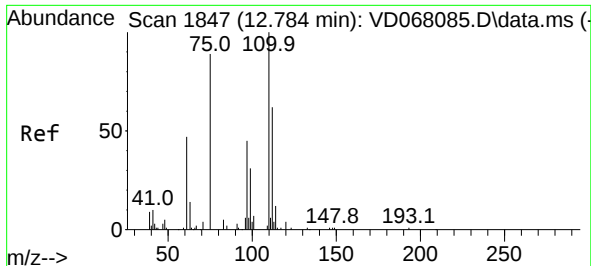
Tgt Ion:117 Resp: 550744
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 33.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion:152 Resp: 245954
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 156.5 0.0 344.4

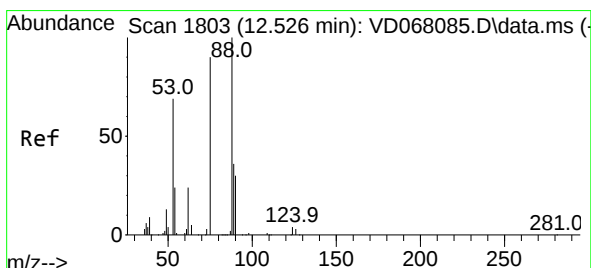
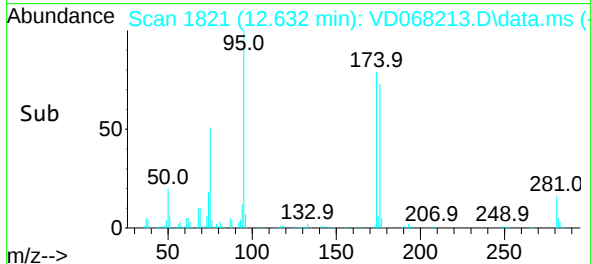
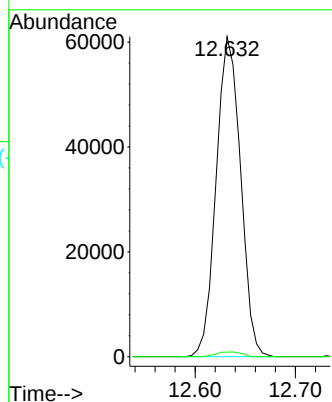
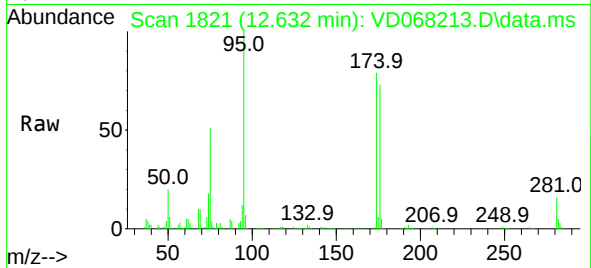




#76
1,2,3-Trichloropropane
Concen: 43.36 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Instrument :
MSVOA_D
ClientSampleId :
VD0128SBL01

Tgt Ion: 75 Resp: 103117
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.74 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068213.D
Acq: 28 Jan 2021 10:31

Tgt Ion: 75 Resp: 103117
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

