

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068183.D
 Acq On : 26 Jan 2021 11:16
 Operator : VA/SY
 Sample : VD0126SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 00:09:50 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	412926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	707768	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	633602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	285794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	193261	48.93	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.86%
35) Dibromofluoromethane	7.920	113	193043	49.33	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.66%
50) Toluene-d8	10.344	98	724033	46.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.52%
62) 4-Bromofluorobenzene	12.632	95	258623	45.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.76%

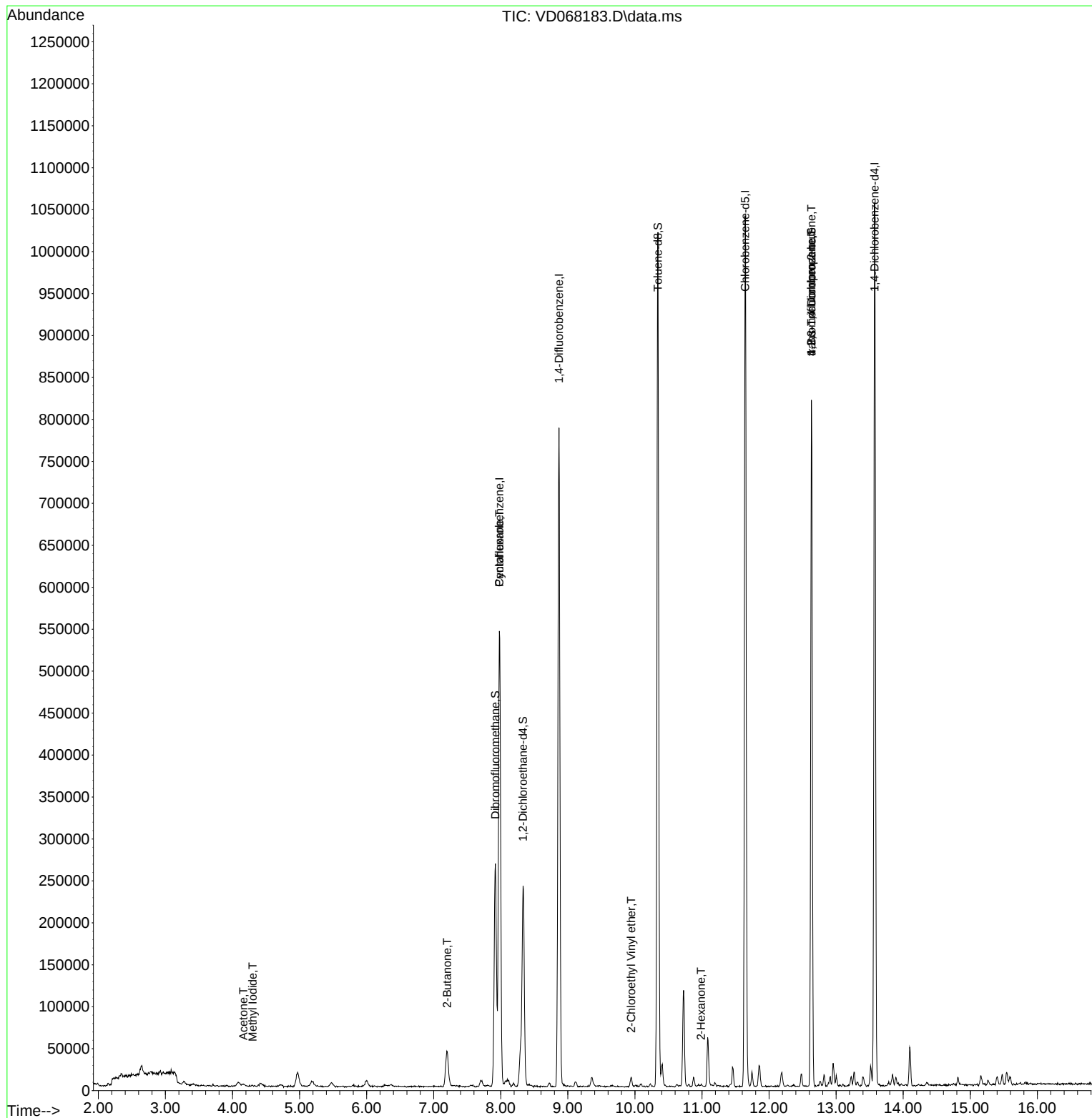
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	1028	3.35	ug/l #	82
11) Tert butyl alcohol	5.185	59	6753	Below	Cal #	74
16) Acetone	4.162	43	5638	7.99	ug/l	95
20) Methylene Chloride	4.973	84	13045	Below	Cal #	91
25) 2-Butanone	7.203	43	3365	3.17	ug/l #	43
31) Cyclohexane	7.979	56	13272	1.55	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.944	63	5709	2.65	ug/l	91
59) 2-Hexanone	10.985	43	2081	1.23	ug/l	78
76) 1,2,3-Trichloropropane	12.632	75	131671	47.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	131671	96.42	ug/l #	14

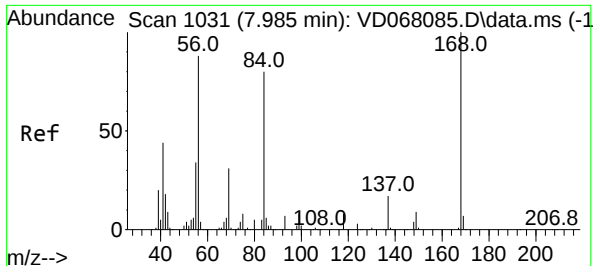
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
Data File : VD068183.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 27 00:09:50 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

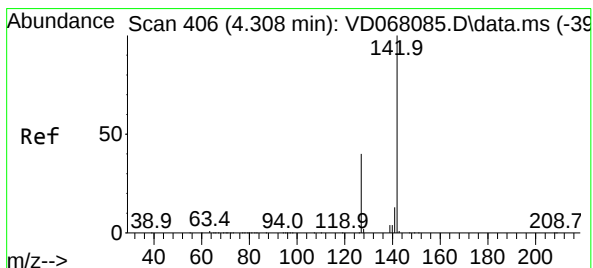
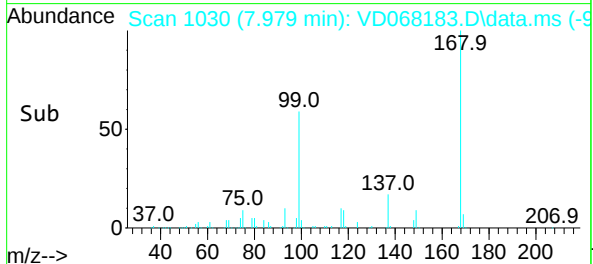
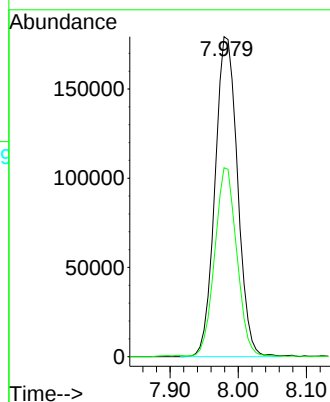
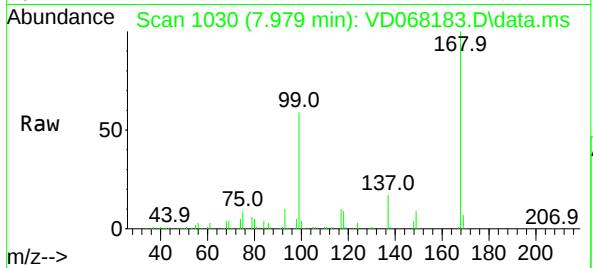




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

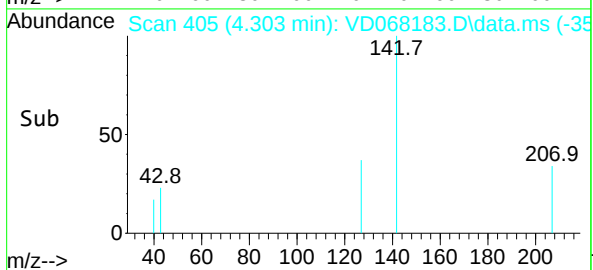
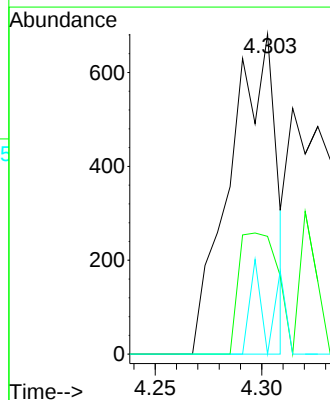
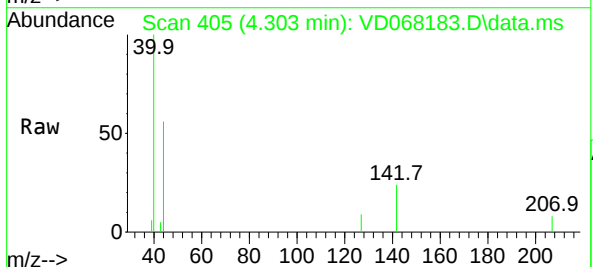
Instrument :
MSVOA_D
ClientSampled :

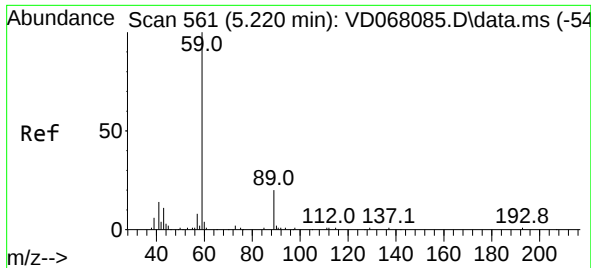
Tgt Ion:168 Resp: 412926
Ion Ratio Lower Upper
168 100
99 58.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.35 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

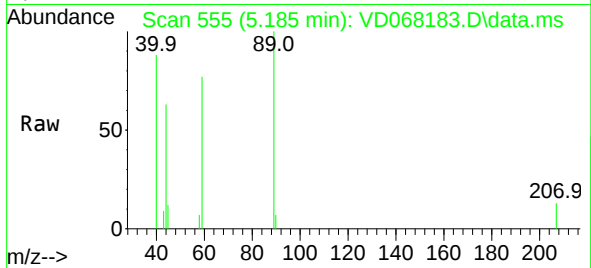
Tgt Ion:142 Resp: 1028
Ion Ratio Lower Upper
142 100
127 31.9 37.9 56.9#
141 13.0 11.5 17.3



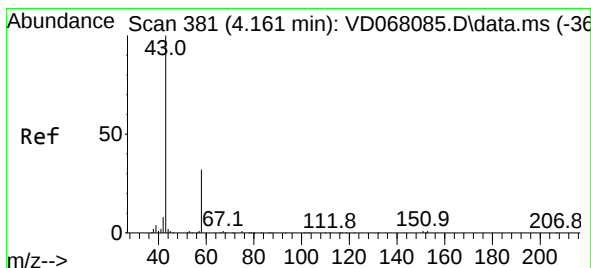
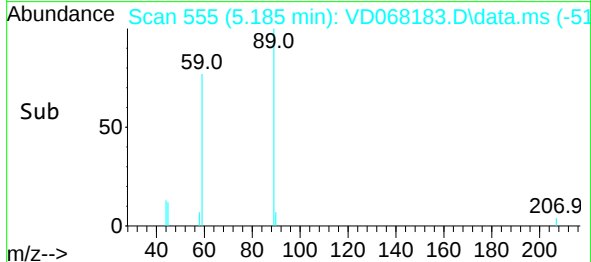
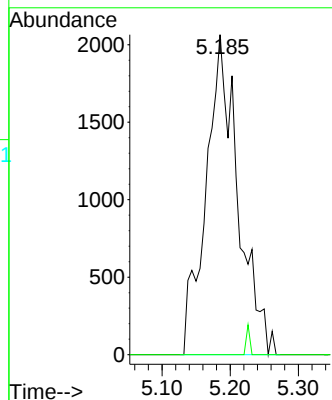


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.185 min Scan# 555
Delta R.T. -0.035 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Instrument :
MSVOA_D
ClientSampleId :

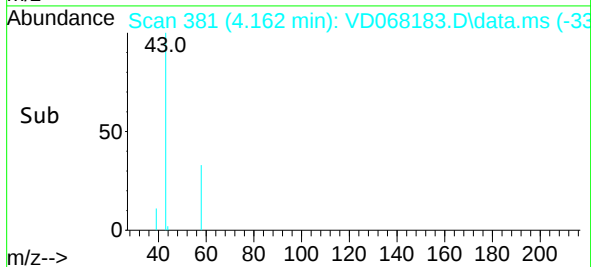
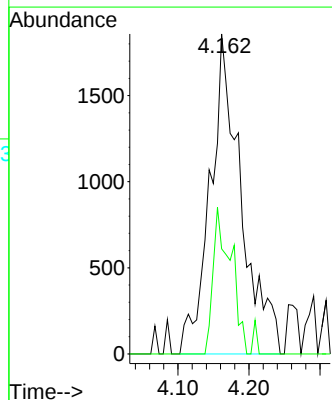
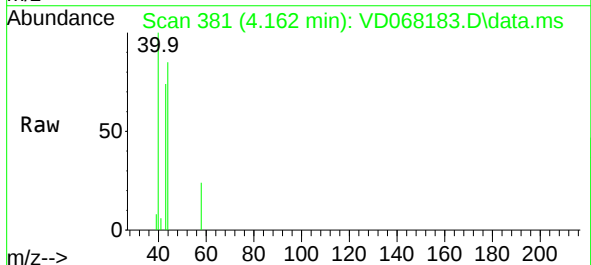


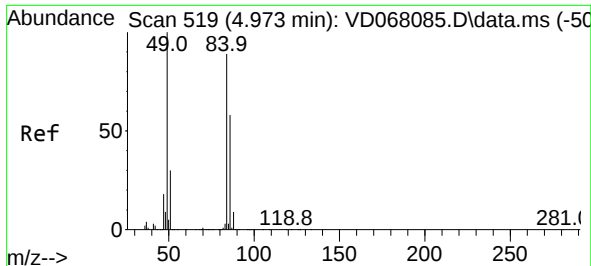
Tgt Ion: 59 Resp: 6753
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 7.99 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion: 43 Resp: 5638
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.4





#20

Methylene Chloride

Concen: Below Cal

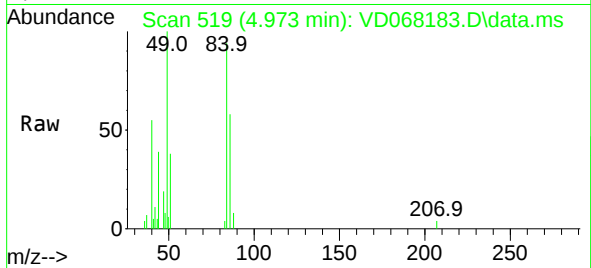
RT: 4.973 min Scan# 519

Delta R.T. 0.000 min

Lab File: VD068183.D

Acq: 26 Jan 2021 11:16

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 13045

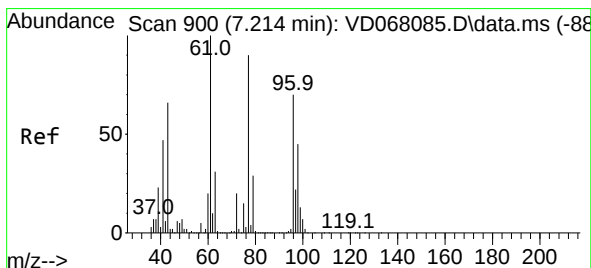
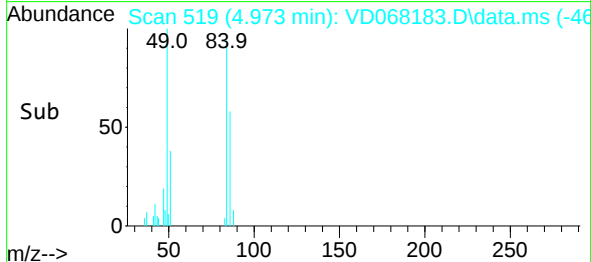
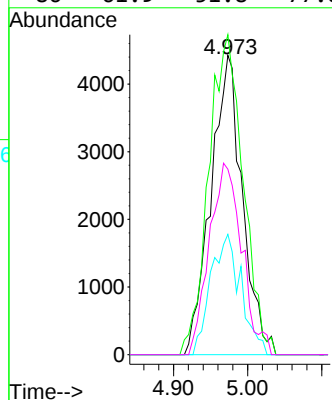
Ion Ratio Lower Upper

84 100

49 106.9 77.4 116.2

51 40.2 26.1 39.1#

86 61.9 51.8 77.8



#25

2-Butanone

Concen: 3.17 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.012 min

Lab File: VD068183.D

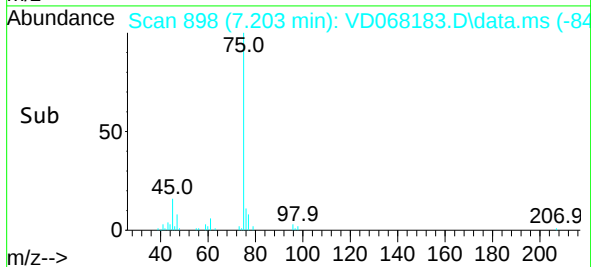
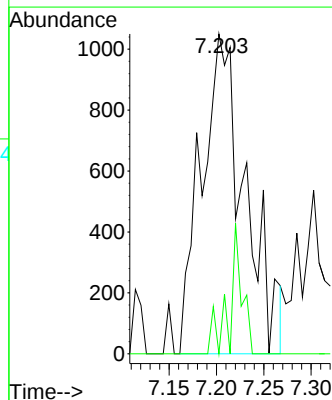
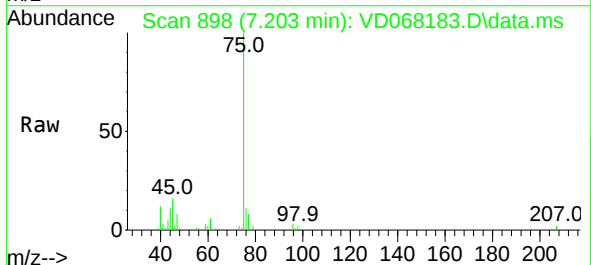
Acq: 26 Jan 2021 11:16

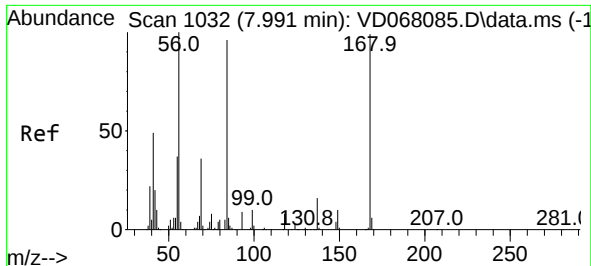
Tgt Ion: 43 Resp: 3365

Ion Ratio Lower Upper

43 100

72 0.0 25.1 37.7#

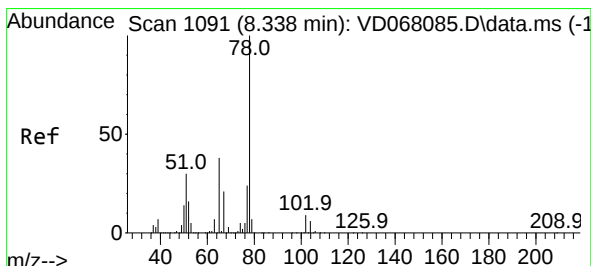
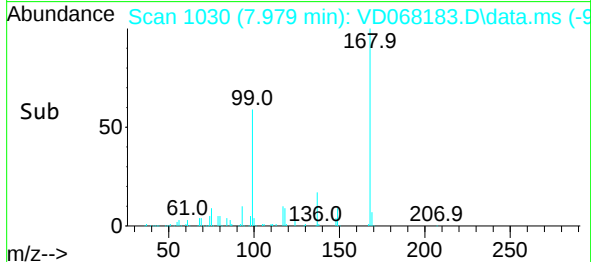
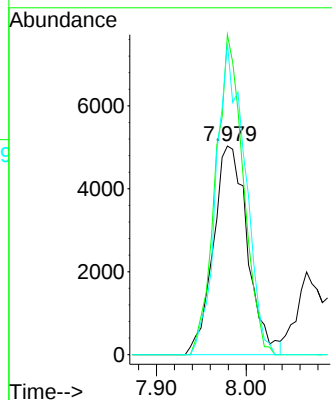
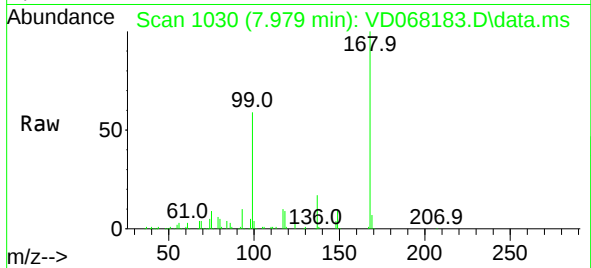




#31
Cyclohexane
Concen: 1.55 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

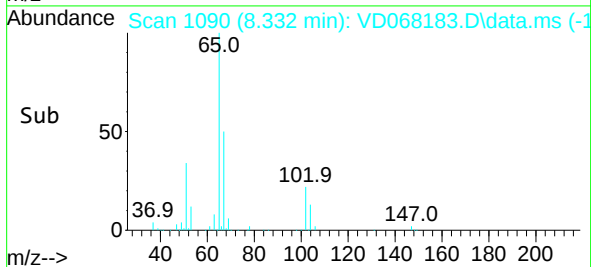
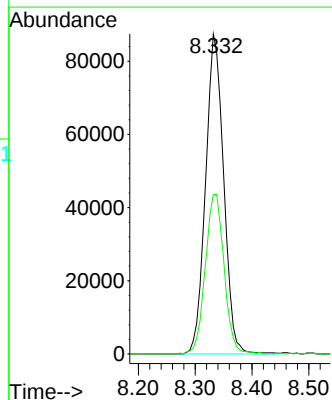
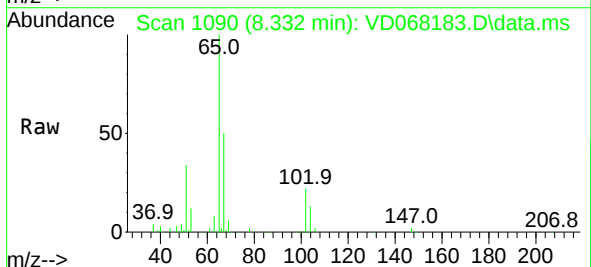
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 13272
Ion Ratio Lower Upper
56 100
69 153.3 30.1 45.1#
84 149.3 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 48.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion: 65 Resp: 193261
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

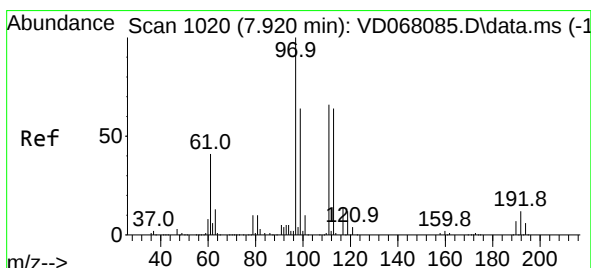
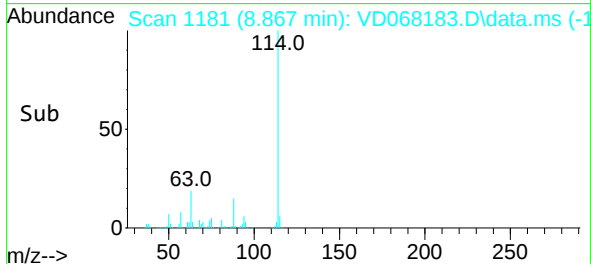
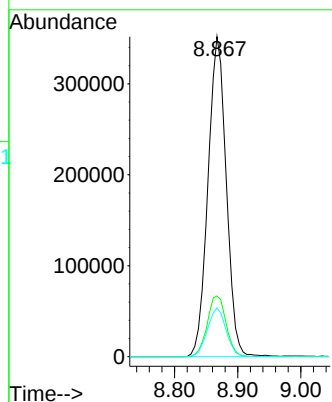
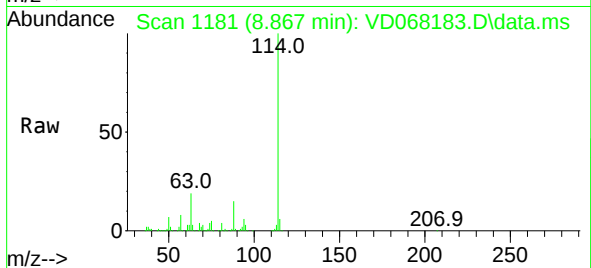




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

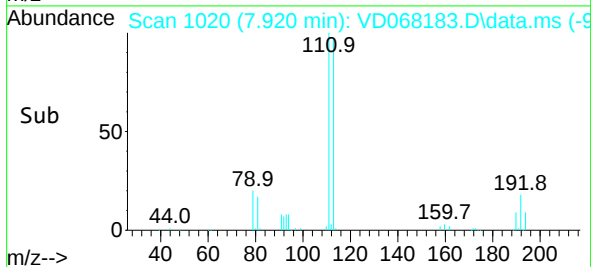
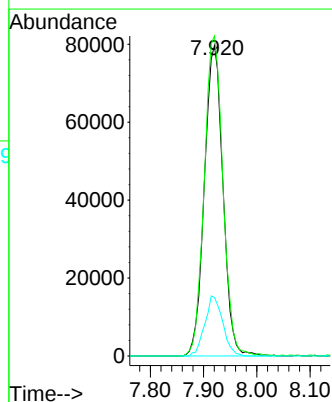
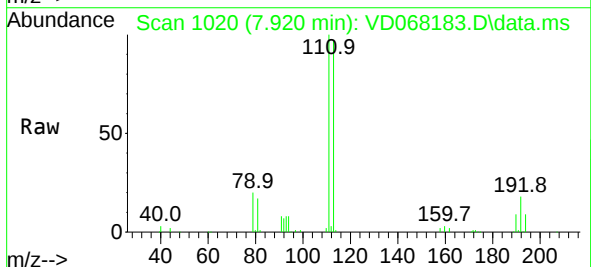
Instrument :
MSVOA_D
ClientSampled :

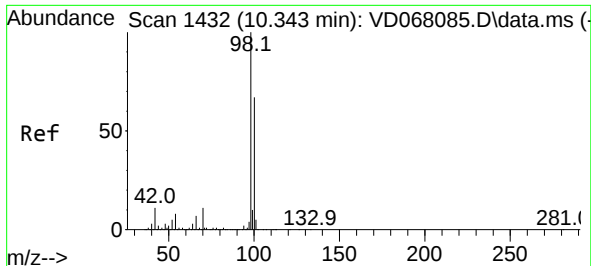
Tgt Ion:114 Resp: 707768
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.2 0.0 31.6



#35
Dibromofluoromethane
Concen: 49.33 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion:113 Resp: 193043
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.6 16.1 24.1

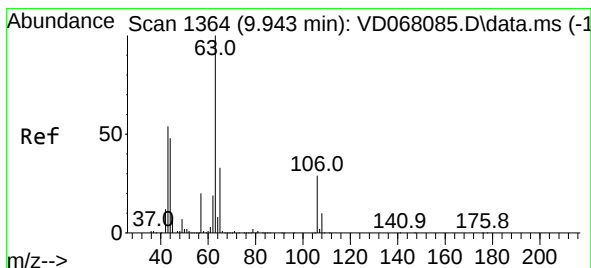
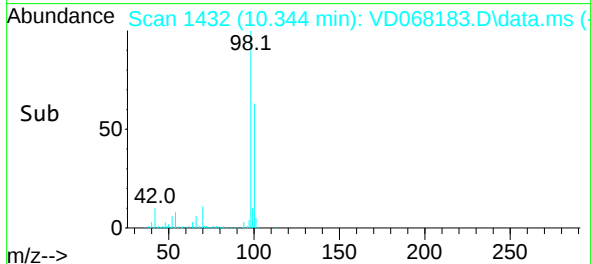
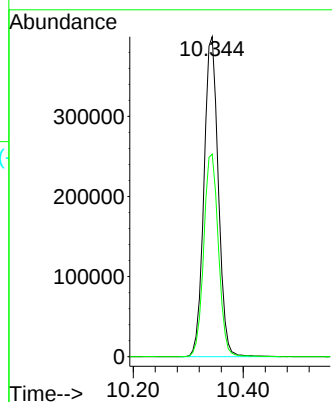
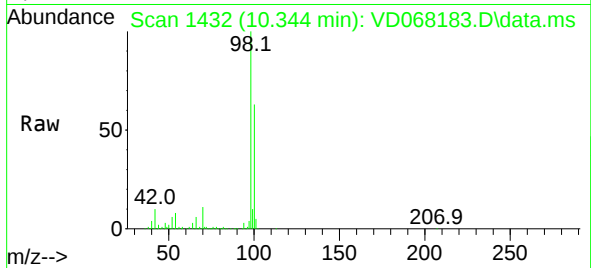




#50
Toluene-d8
Concen: 46.26 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

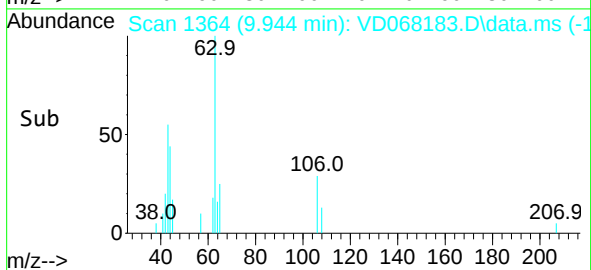
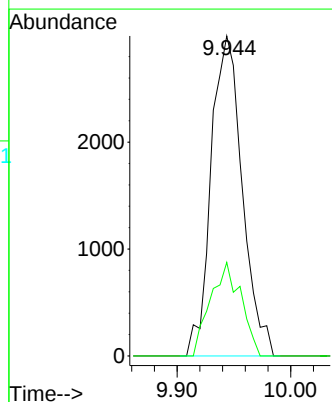
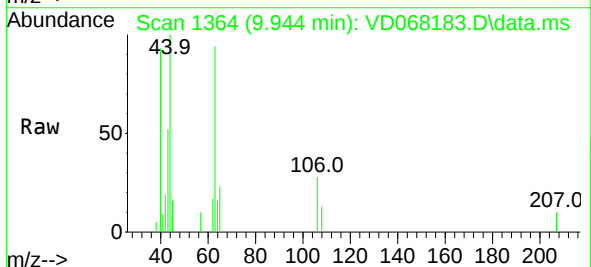
Instrument :
MSVOA_D
ClientSampled :

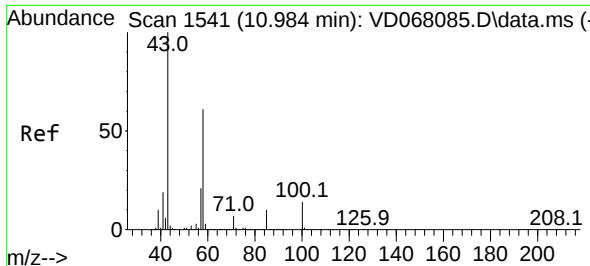
Tgt Ion: 98 Resp: 724033
Ion Ratio Lower Upper
98 100
100 64.8 53.0 79.4



#58
2-Chloroethyl Vinyl ether
Concen: 2.65 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion: 63 Resp: 5709
Ion Ratio Lower Upper
63 100
106 28.6 27.0 40.4

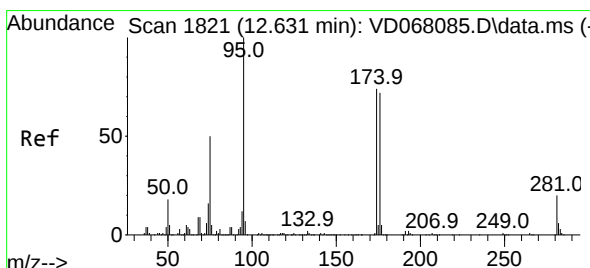
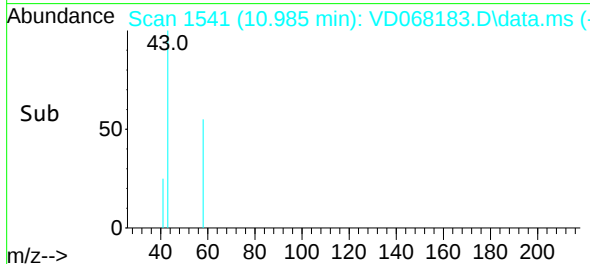
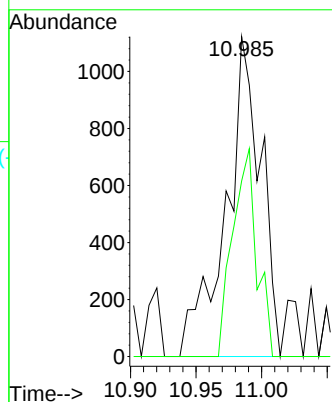
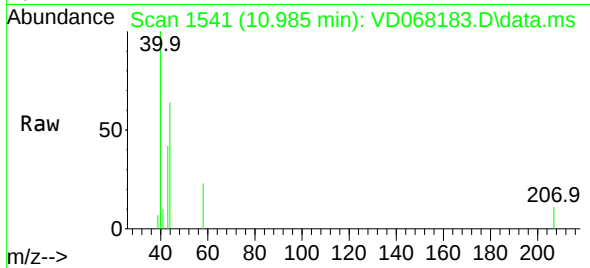




#59
2-Hexanone
Concen: 1.23 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

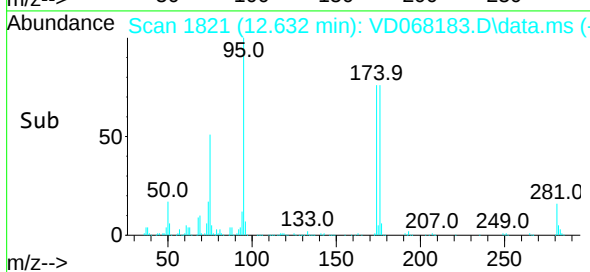
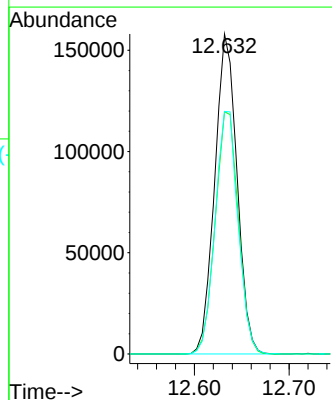
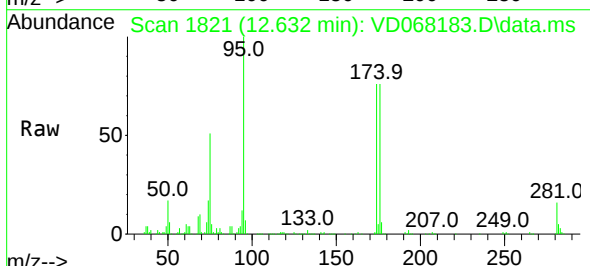
Instrument :
MSVOA_D
ClientSampled :

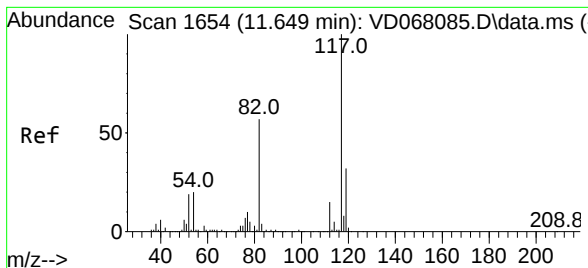
Tgt Ion: 43 Resp: 2081
Ion Ratio Lower Upper
43 100
58 44.8 31.0 93.0



#62
4-Bromofluorobenzene
Concen: 45.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion: 95 Resp: 258623
Ion Ratio Lower Upper
95 100
174 78.6 0.0 172.4
176 78.0 0.0 168.4

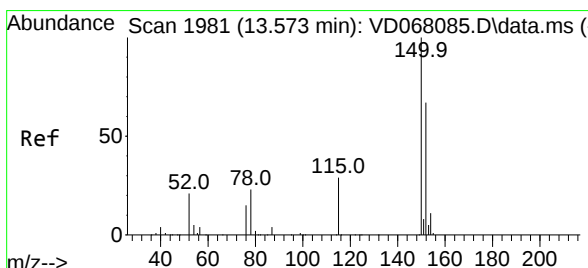
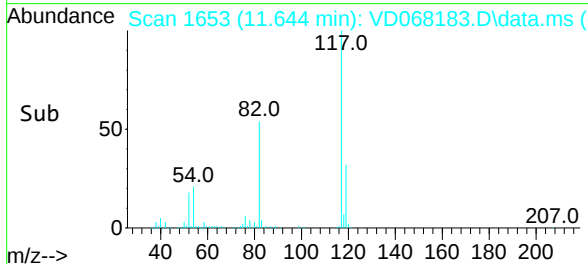
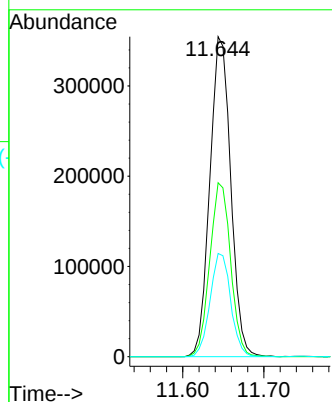
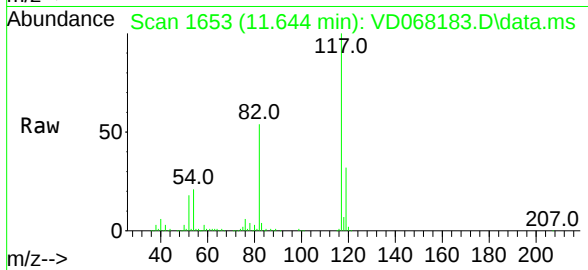




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.005 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

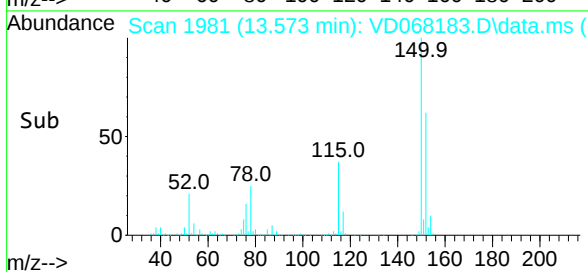
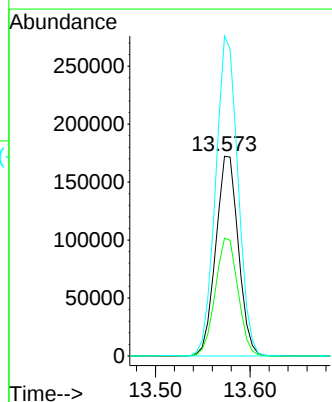
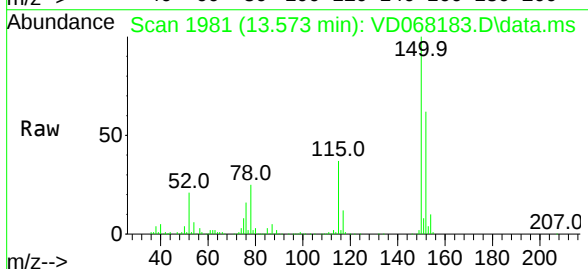
Instrument :
MSVOA_D
ClientSampleId :

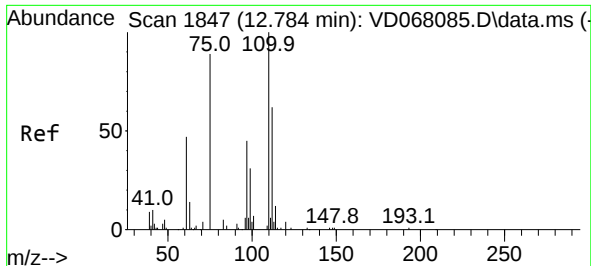
Tgt Ion:117 Resp: 633602
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion:152 Resp: 285794
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.8
150 158.3 0.0 344.4

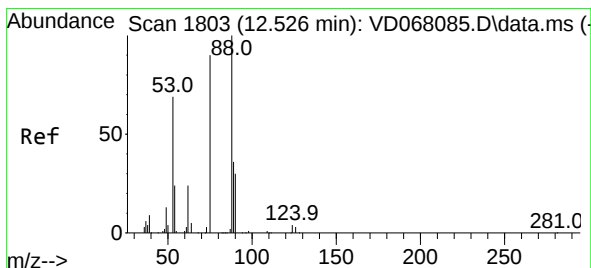
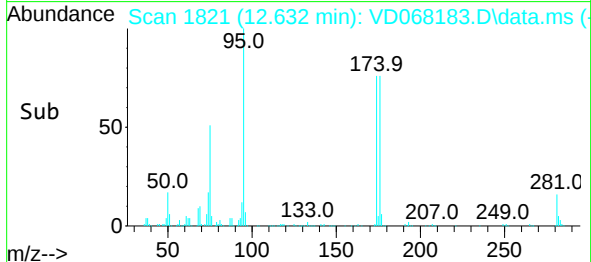
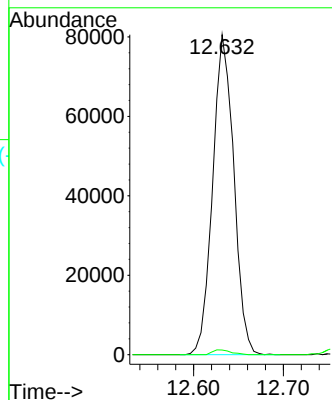
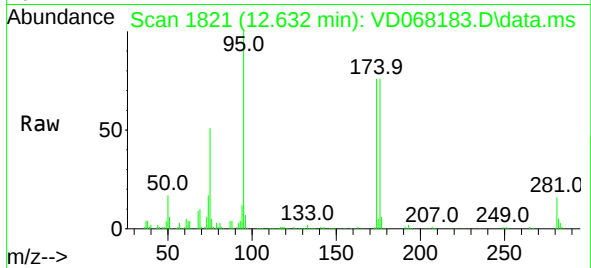




#76
1,2,3-Trichloropropane
Concen: 47.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 131671
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068183.D
Acq: 26 Jan 2021 11:16

Tgt Ion: 75 Resp: 131671
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.2 40.3 60.5#

