

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068861.D
 Acq On : 15 Apr 2021 17:37
 Operator : VA/SY
 Sample : M2049-13
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:10:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	264023	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	461701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	516772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	262256	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118066	42.31	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.62%
35) Dibromofluoromethane	7.914	113	145915	48.59	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.18%
50) Toluene-d8	10.338	98	584683	51.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.22%
62) 4-Bromofluorobenzene	12.626	95	228414	60.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.42%

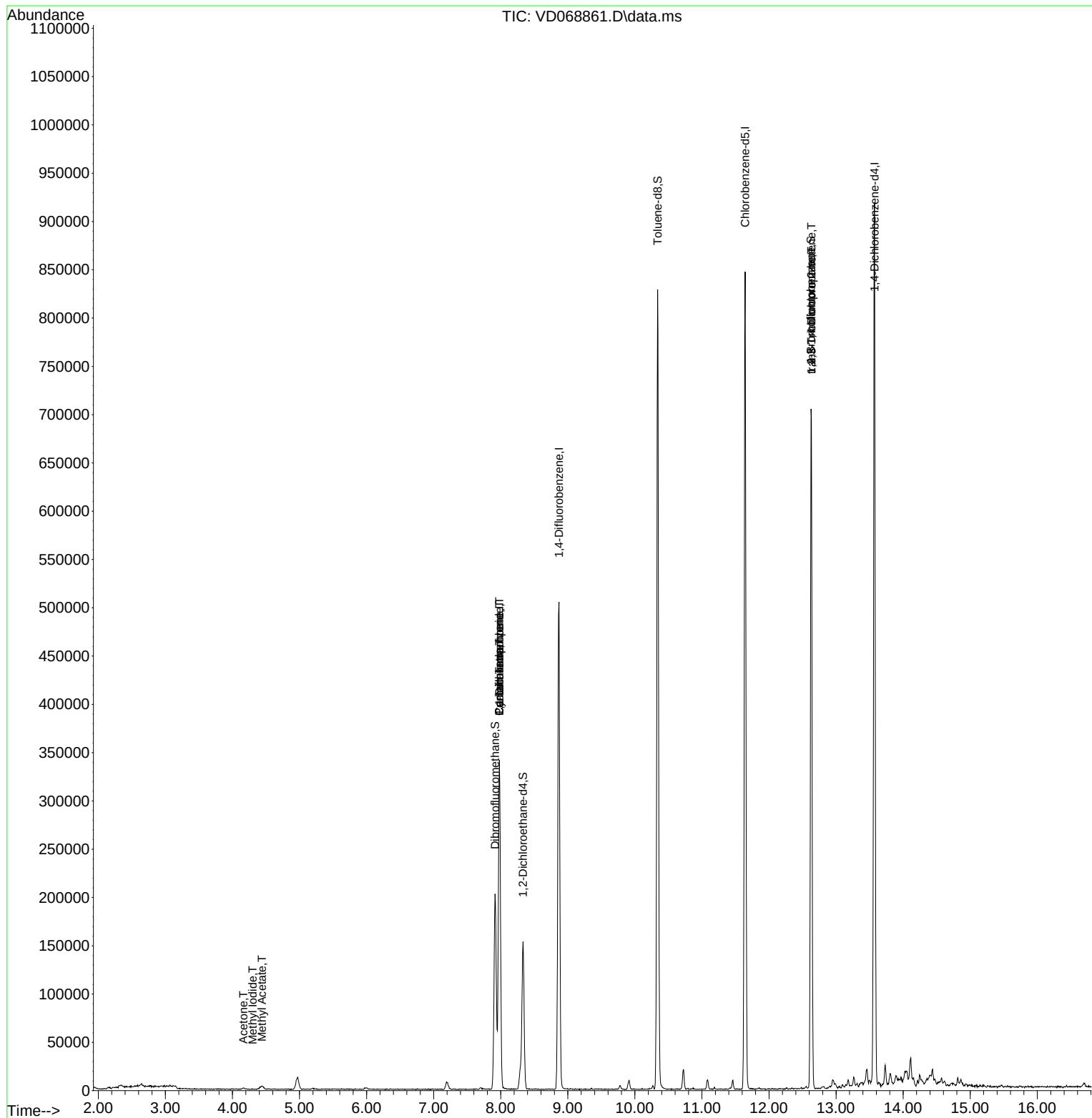
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	64	2.27	ug/l #	41
11) Tert butyl alcohol	5.238	59	225	Below	Cal #	73
16) Acetone	4.162	43	1931	5.00	ug/l #	88
18) Methyl Acetate	4.438	43	1168	1.10	ug/l #	43
20) Methylene Chloride	4.968	84	11265	Below	Cal #	85
31) Cyclohexane	7.979	56	5100	1.10	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	19944	4.27	ug/l #	49
38) Carbon Tetrachloride	7.979	117	26016	5.62	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	112876	47.11	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	112876	109.34	ug/l #	16

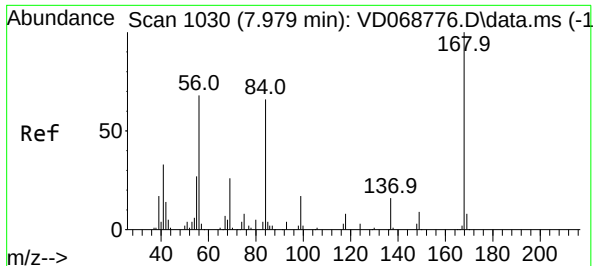
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
Data File : VD068861.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :

Quant Time: Apr 16 01:10:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

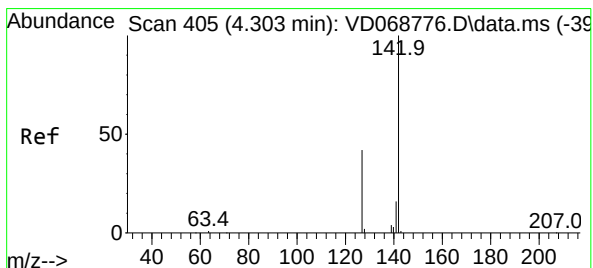
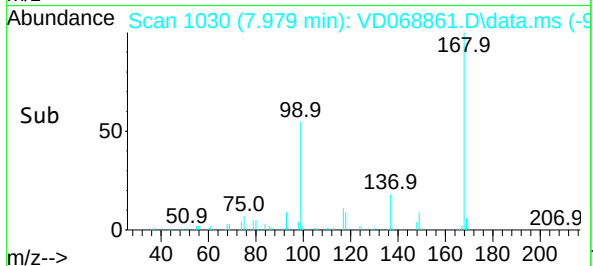
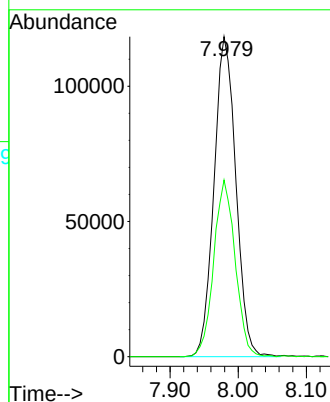
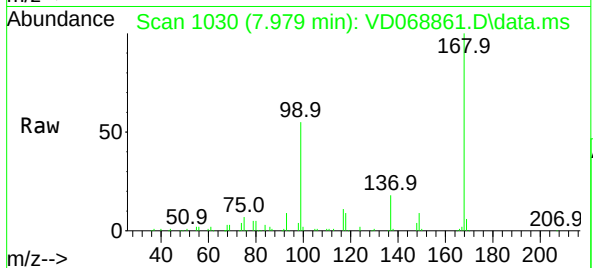




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

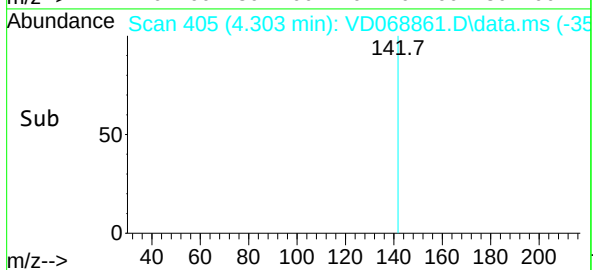
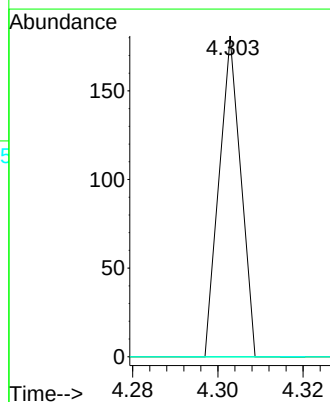
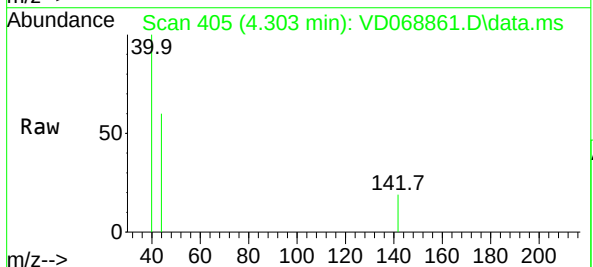
Instrument :
MSVOA_D
ClientSampled :

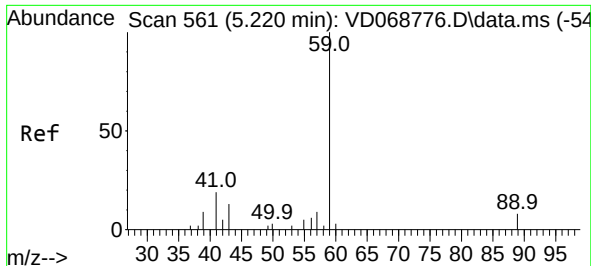
Tgt Ion:168 Resp: 264023
Ion Ratio Lower Upper
168 100
99 55.2 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



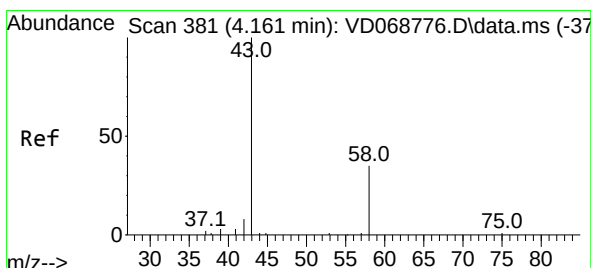
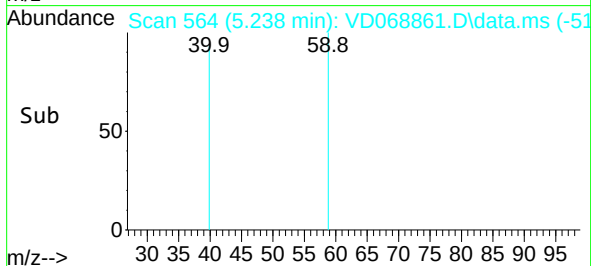
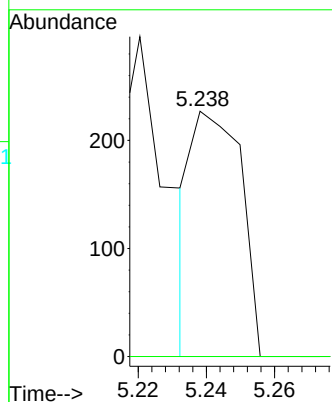
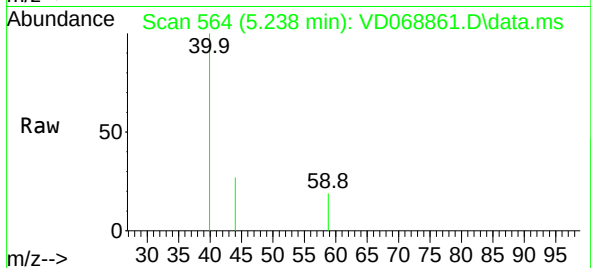


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Instrument :
MSVOA_D
ClientSampled :

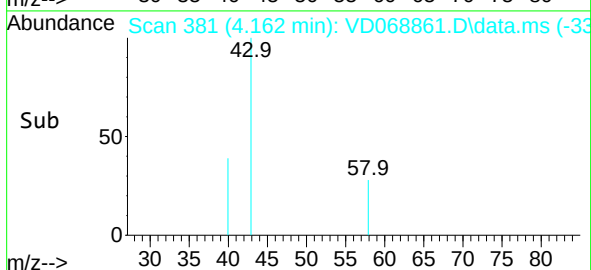
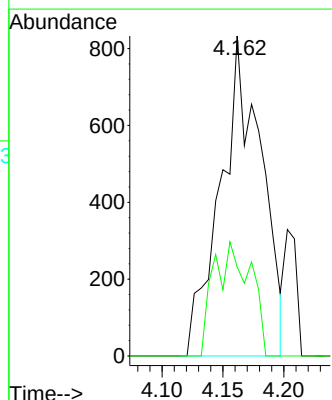
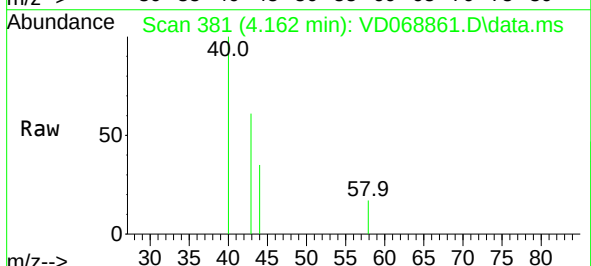
Tgt Ion: 59 Resp: 225
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

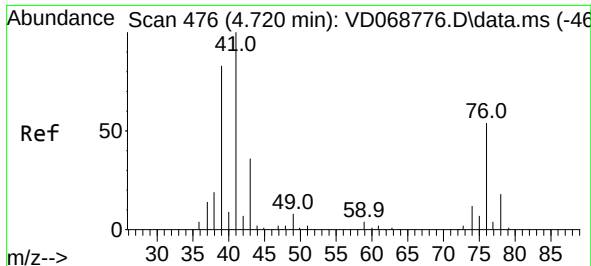


#16

Acetone
Concen: 5.00 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

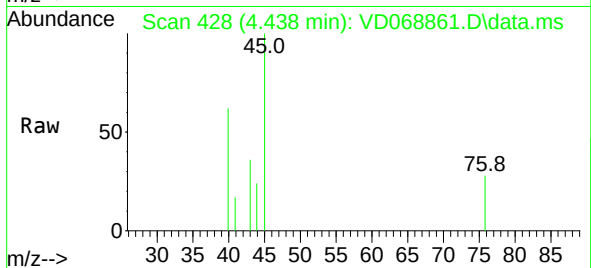
Tgt Ion: 43 Resp: 1931
Ion Ratio Lower Upper
43 100
58 27.9 28.0 42.0#



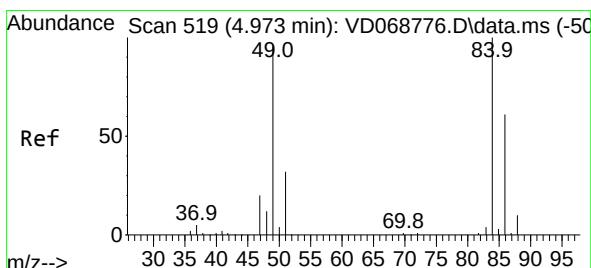
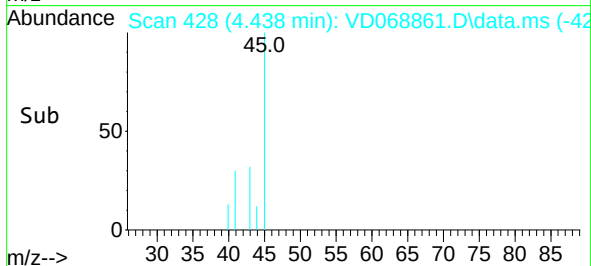
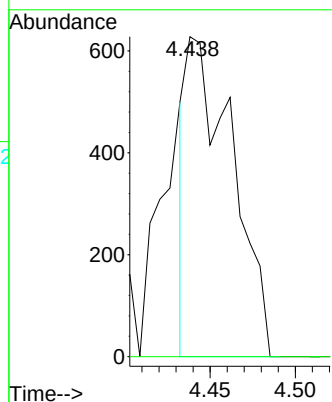


#18
Methyl Acetate
Concen: 1.10 ug/l
RT: 4.438 min Scan# 428
Delta R.T. -0.282 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Instrument :
MSVOA_D
ClientSampled :

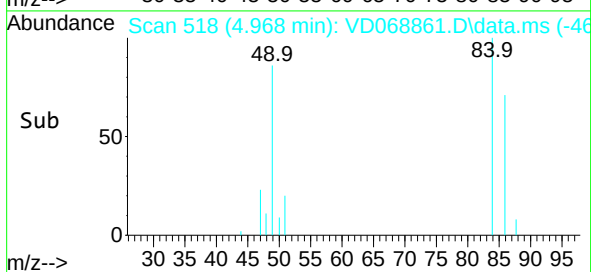
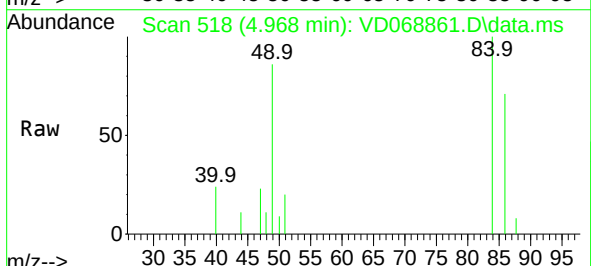
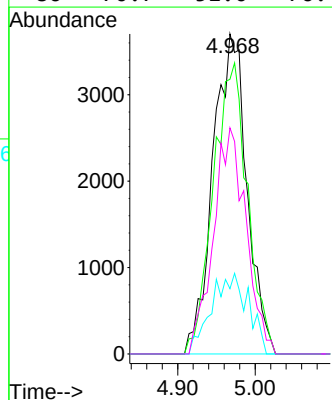


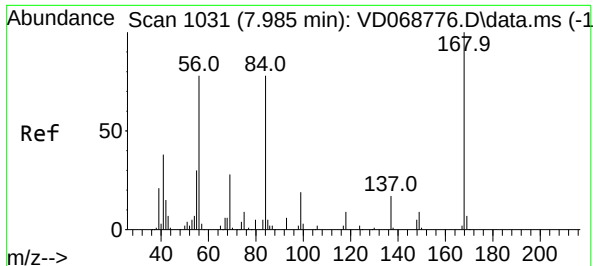
Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
74 0.0 25.4 38.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion: 84 Resp: 11265
Ion Ratio Lower Upper
84 100
49 85.9 83.4 125.0
51 20.4 23.4 35.2#
86 70.7 51.0 76.4





#31

Cyclohexane

Concen: 1.10 ug/l

RT: 7.979 min Scan# 1030

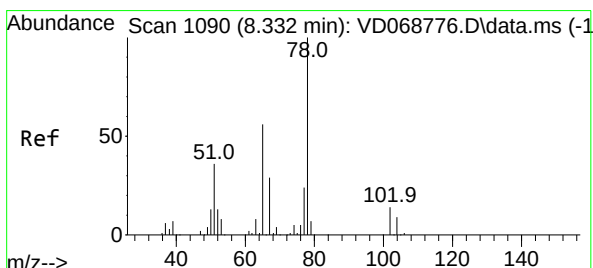
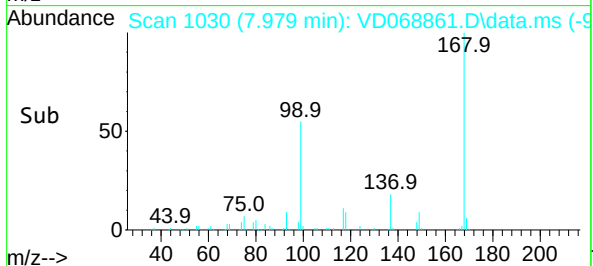
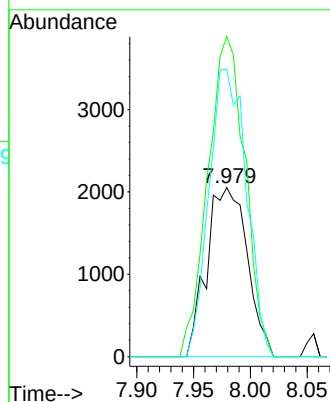
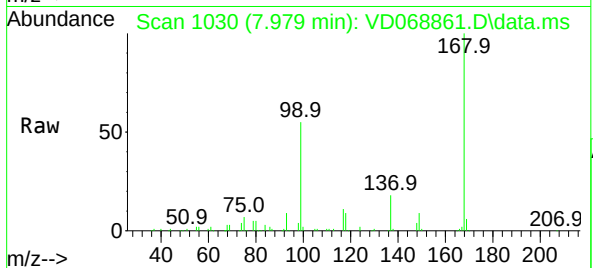
Delta R.T. -0.006 min

Lab File: VD068861.D

Acq: 15 Apr 2021 17:37

Tgt Ion:	56	Resp:	5100
Ion Ratio	Lower	Upper	
56	100		
69	189.1	30.0	45.0#
84	169.9	82.0	123.0#

Instrument :
MSVOA_D
ClientSampleId :



#33

1,2-Dichloroethane-d4

Concen: 42.31 ug/l

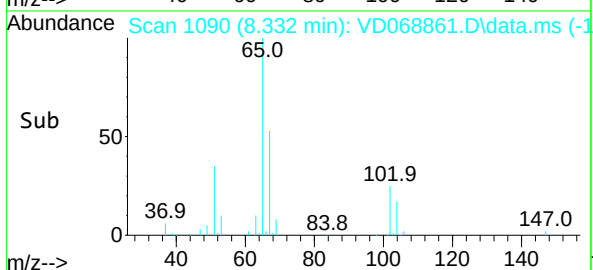
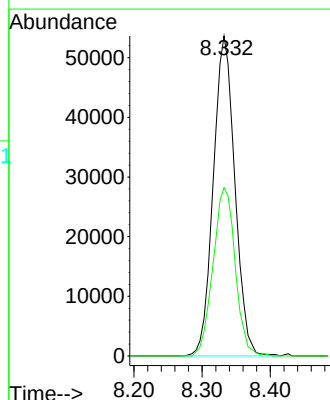
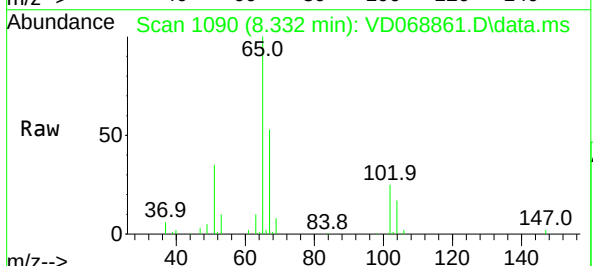
RT: 8.332 min Scan# 1090

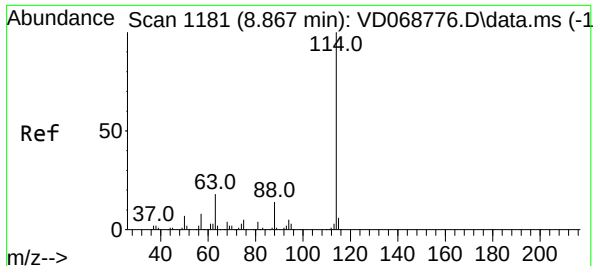
Delta R.T. 0.000 min

Lab File: VD068861.D

Acq: 15 Apr 2021 17:37

Tgt Ion:	65	Resp:	118066
Ion Ratio	Lower	Upper	
65	100		
67	54.1	0.0	106.0



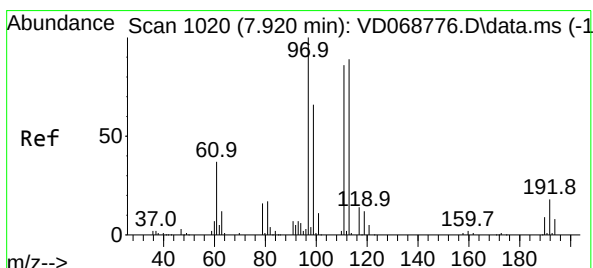
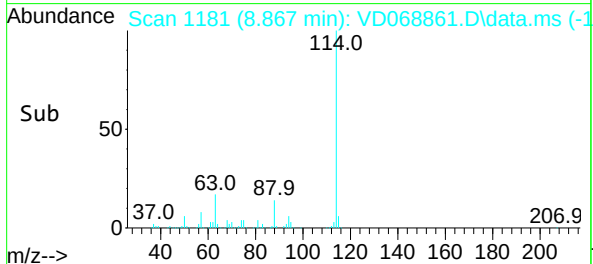
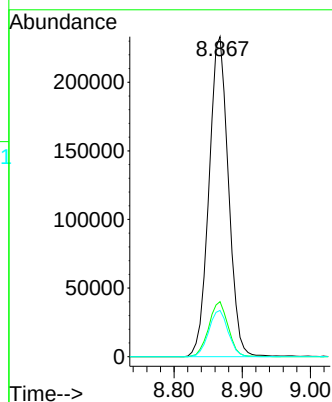
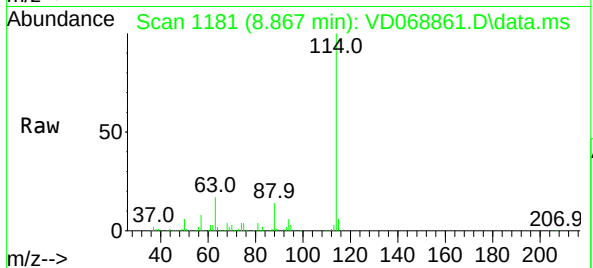


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Instrument :
MSVOA_D
ClientSampled :

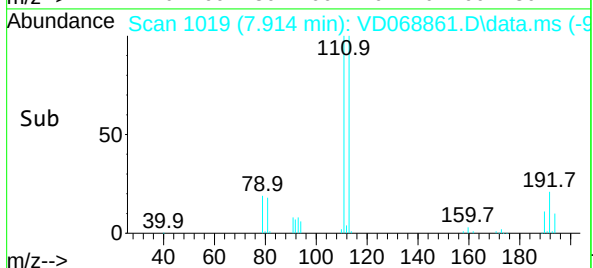
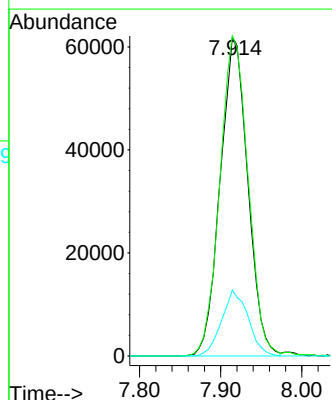
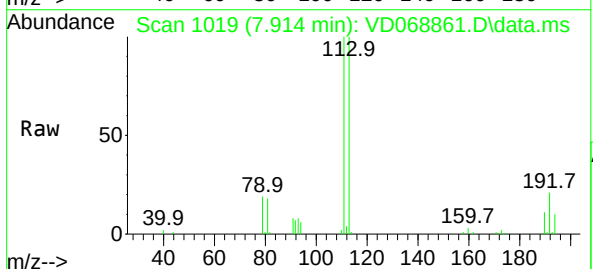
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	38.2
88	14.5	0.0	29.4

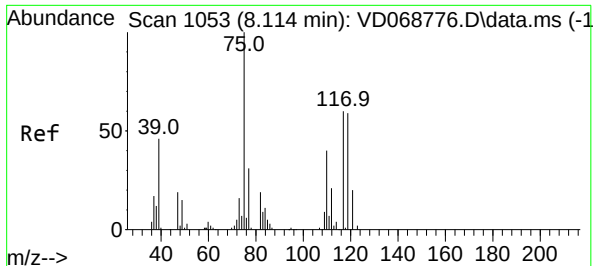


#35

Dibromofluoromethane
Concen: 48.59 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.5	123.7
192	19.9	15.1	22.7

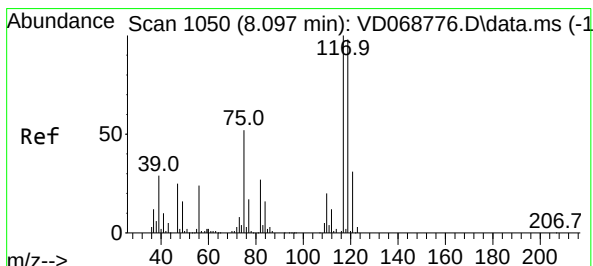
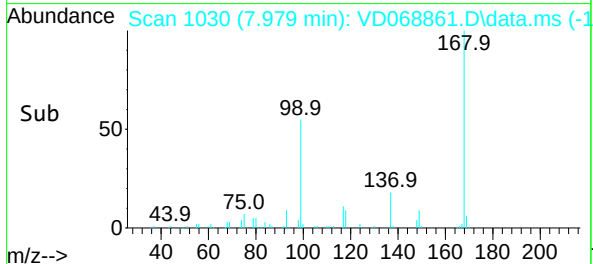
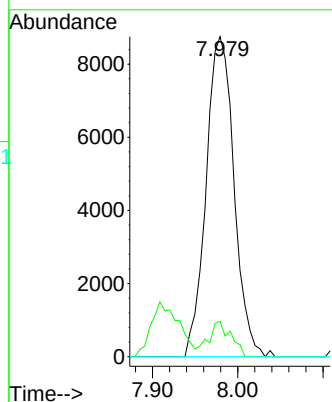
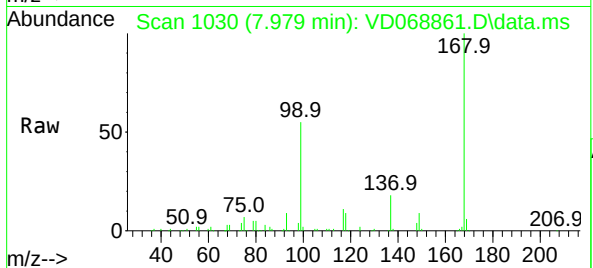




#36
1,1-Dichloropropene
Concen: 4.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

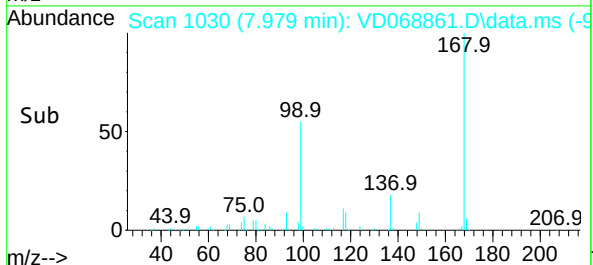
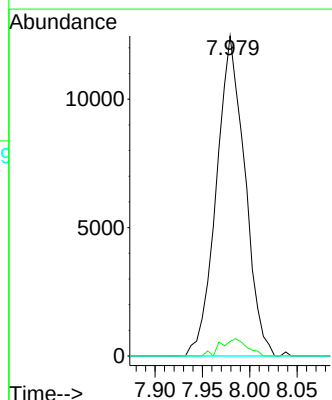
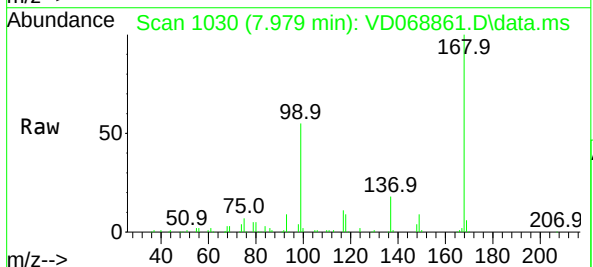
Instrument :
MSVOA_D
ClientSampled :

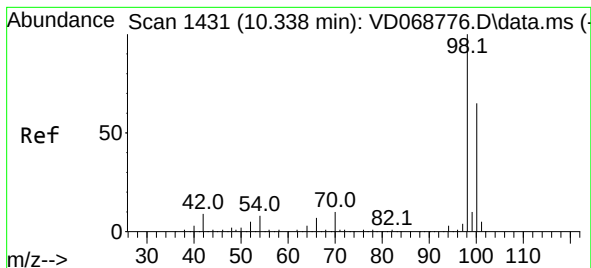
Tgt Ion: 75 Resp: 19944
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.62 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion: 117 Resp: 26016
Ion Ratio Lower Upper
117 100
119 4.6 76.6 115.0#
121 0.0 26.1 39.1#

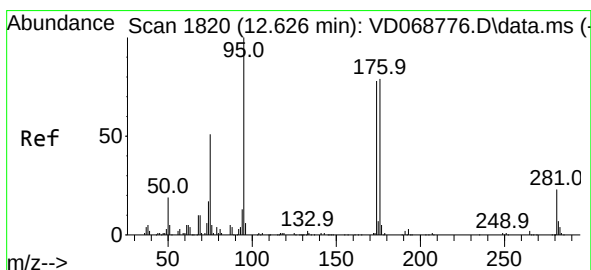
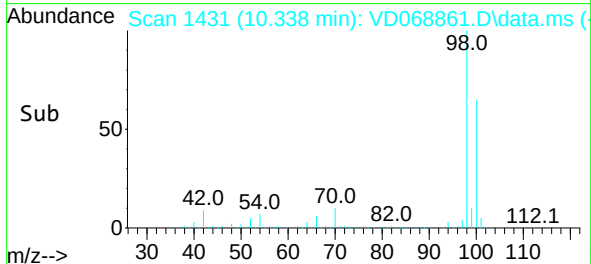
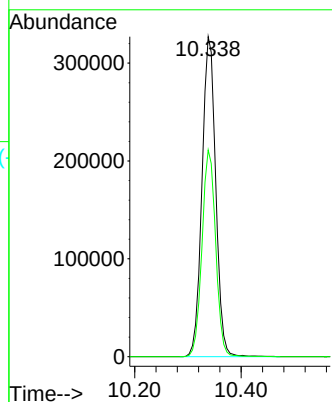
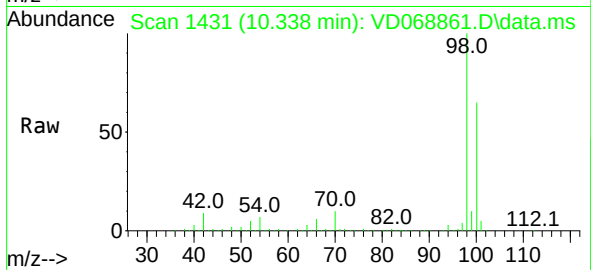




#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

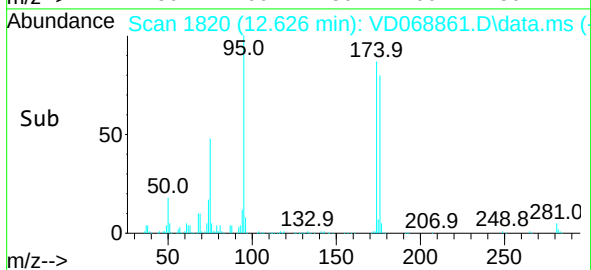
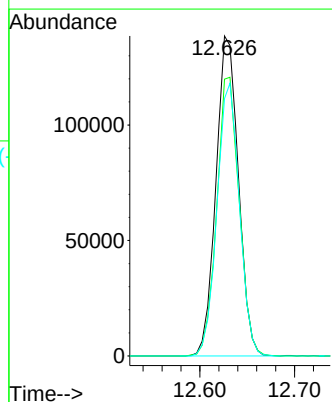
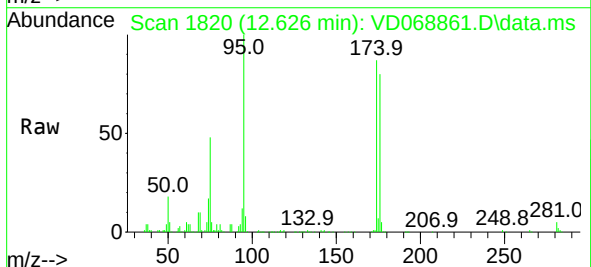
Instrument :
MSVOA_D
ClientSampled :

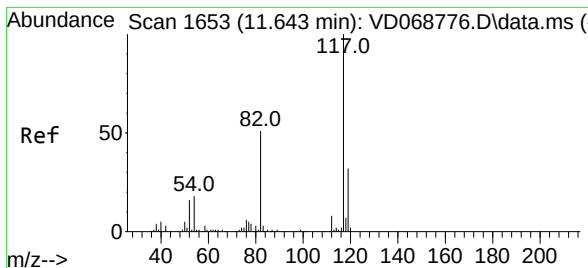
Tgt Ion: 98 Resp: 584683
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 60.71 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion: 95 Resp: 228414
Ion Ratio Lower Upper
95 100
174 86.9 0.0 168.0
176 84.6 0.0 160.2

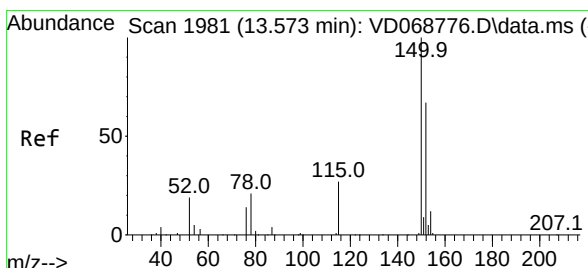
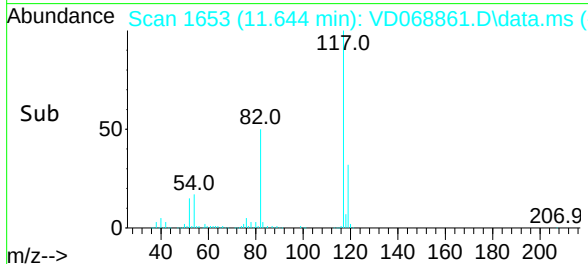
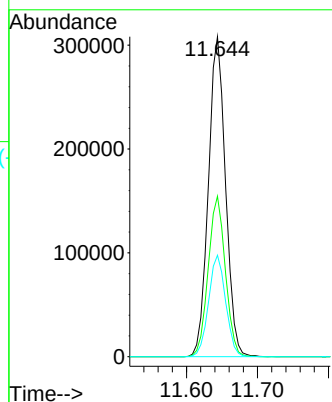
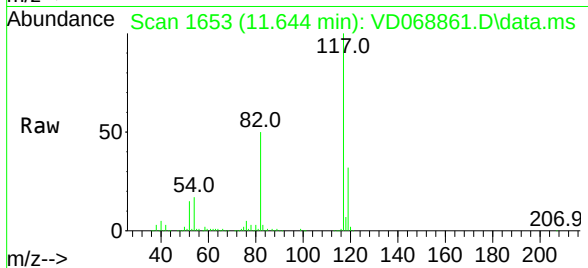




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

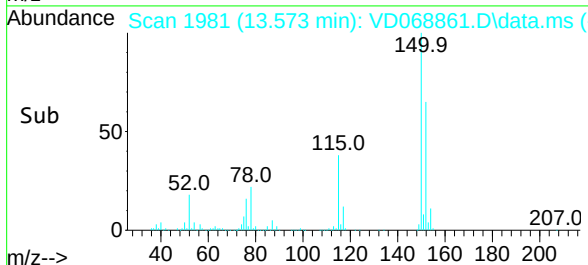
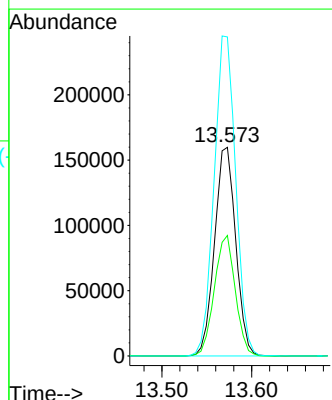
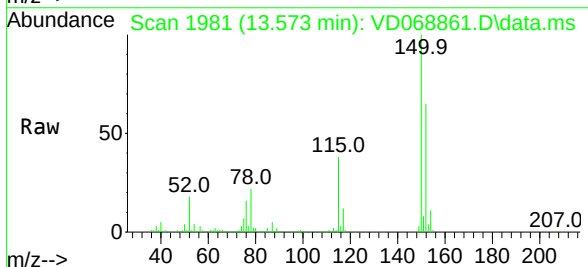
Instrument :
MSVOA_D
ClientSampleId :

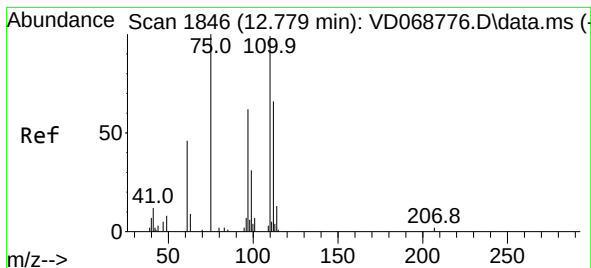
Tgt Ion:117 Resp: 516772
Ion Ratio Lower Upper
117 100
82 50.2 43.5 65.3
119 31.7 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion:152 Resp: 262256
Ion Ratio Lower Upper
152 100
115 57.1 29.3 87.8
150 156.2 0.0 347.6

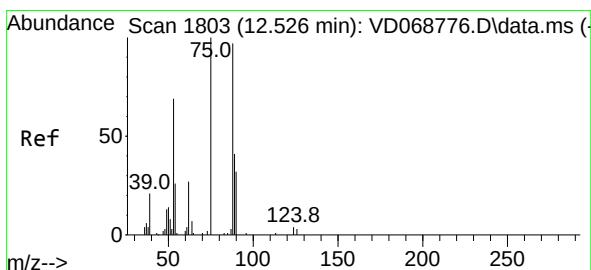
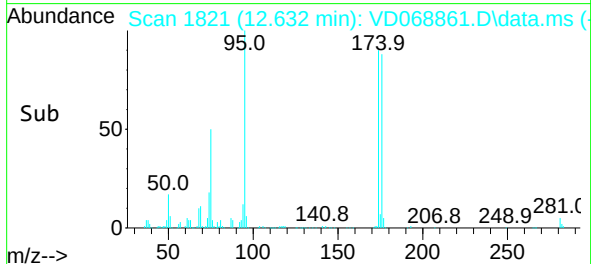
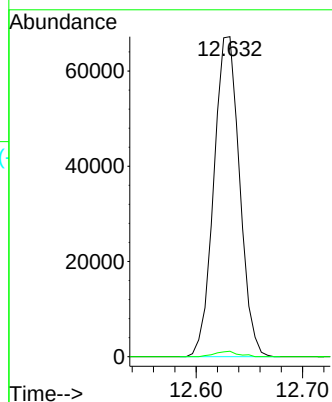
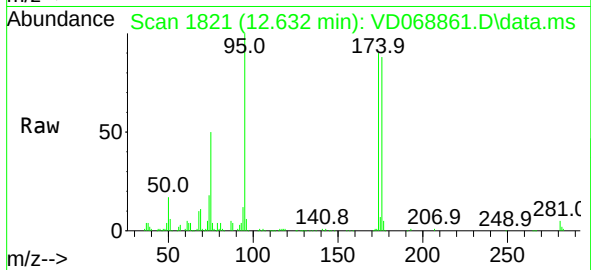




#76
1,2,3-Trichloropropane
Concen: 47.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 112876
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.34 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068861.D
Acq: 15 Apr 2021 17:37

Tgt Ion: 75 Resp: 112876
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 36.6 54.8#

