

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042621\
 Data File : VD068989.D
 Acq On : 26 Apr 2021 15:33
 Operator : VA/SY
 Sample : M2170-02
 Misc : 8.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 27 07:13:03 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	294223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	503669	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	606040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	305384	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	127859	41.12	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.24%
35) Dibromofluoromethane	7.914	113	161632	49.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.68%
50) Toluene-d8	10.338	98	645849	52.26	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.52%
62) 4-Bromofluorobenzene	12.632	95	284579	69.33	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	138.66%

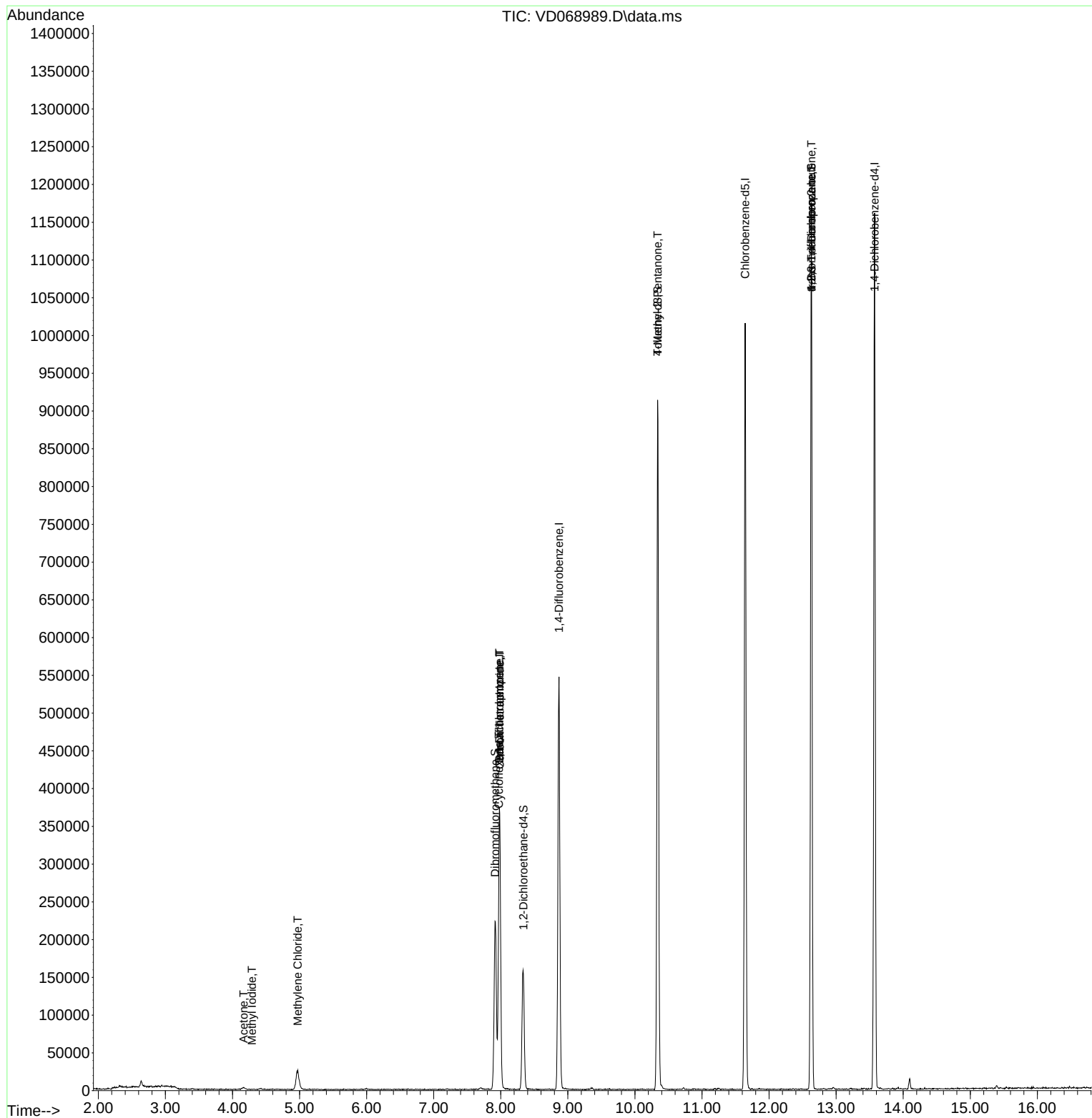
Target Compounds					Qvalue
10) Methyl Iodide	4.291	142	54	2.26 ug/l	# 41
11) Tert butyl alcohol	5.226	59	379	Below Cal	# 73
16) Acetone	4.167	43	4360	10.13 ug/l	98
20) Methylene Chloride	4.973	84	21685	1.56 ug/l	# 85
31) Cyclohexane	7.973	56	5692	1.10 ug/l	# 48
36) 1,1-Dichloropropene	7.979	75	20183	3.96 ug/l	# 48
38) Carbon Tetrachloride	7.985	117	28026	5.55 ug/l	# 16
51) 4-Methyl-2-Pentanone	10.338	43	2541	1.65 ug/l	# 1
76) 1,2,3-Trichloropropane	12.632	75	138449	49.63 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	138449	115.17 ug/l	# 16

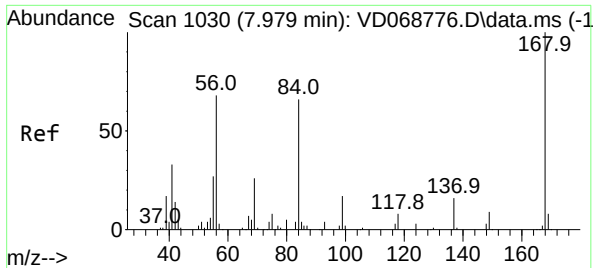
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 10 Sample Multiplier: 1

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MSVOA_D
ClientSampleId :

Quant Time: Apr 27 07:13:03 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

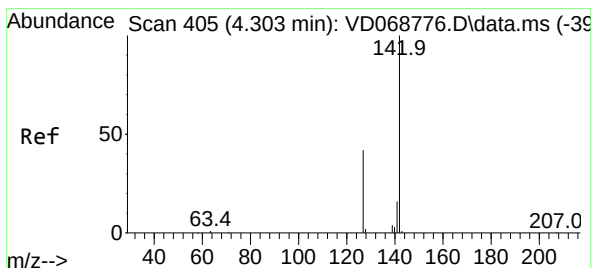
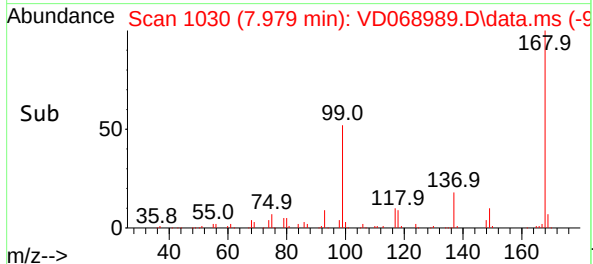
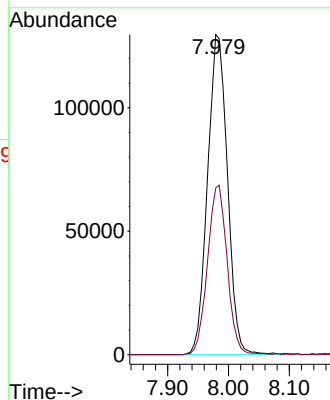
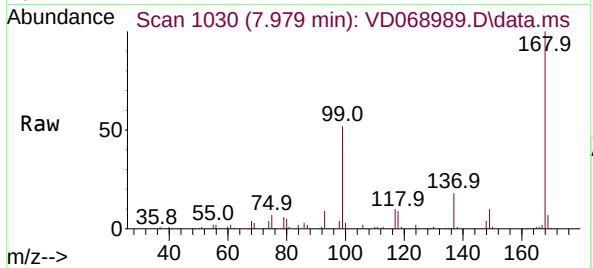




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

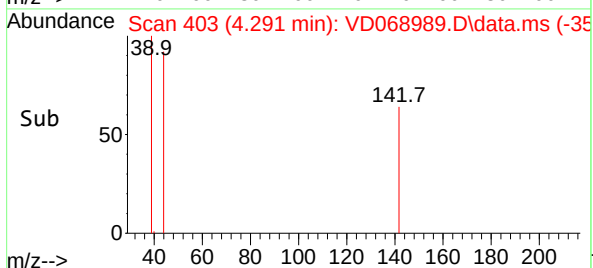
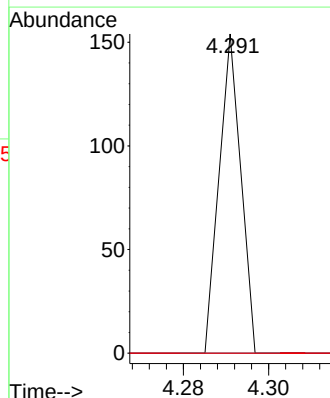
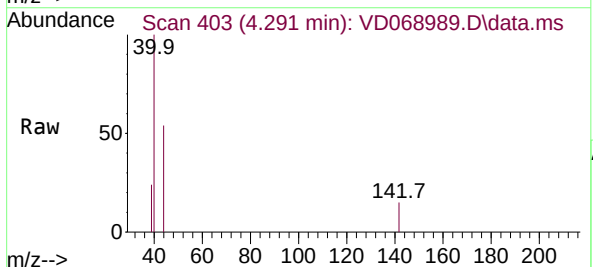
Instrument :
MSVOA_D
ClientSampled :

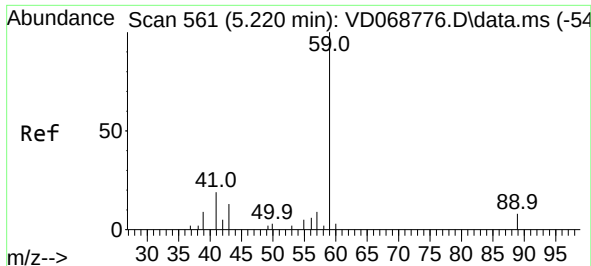
Tgt Ion:168 Resp: 294223
Ion Ratio Lower Upper
168 100
99 52.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.26 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

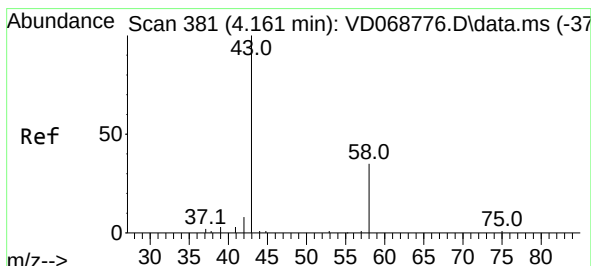
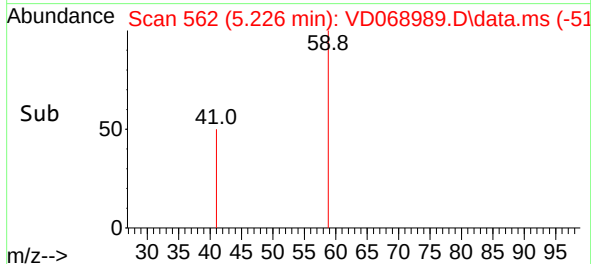
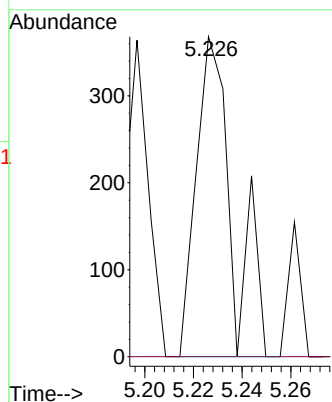
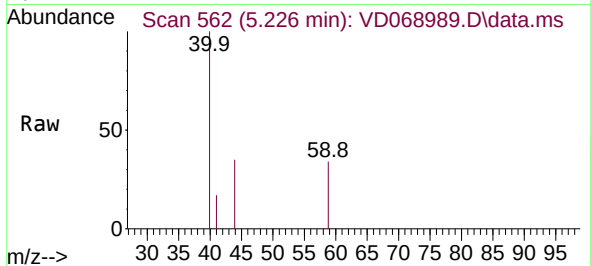




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

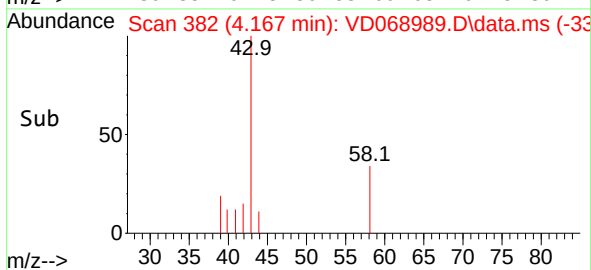
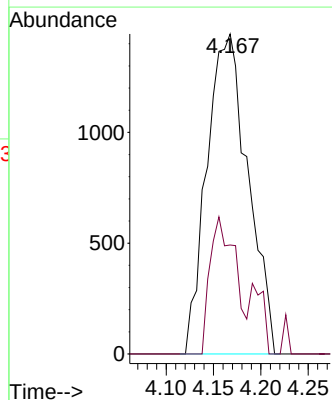
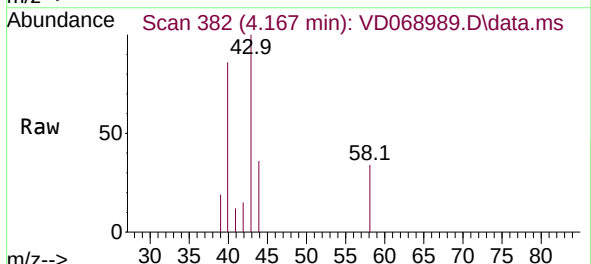
Instrument :
MSVOA_D
ClientSampled :

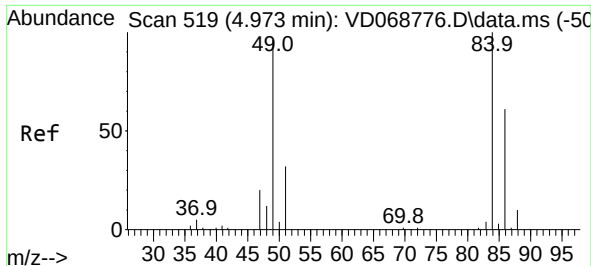
Tgt Ion: 59 Resp: 379
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 10.13 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 34.1 28.0 42.0

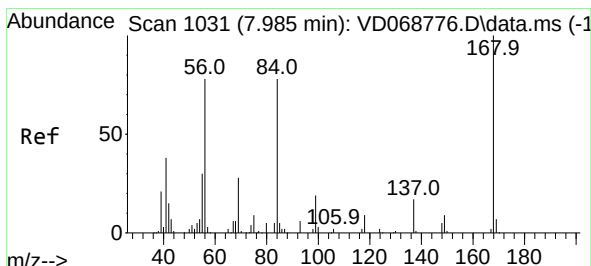
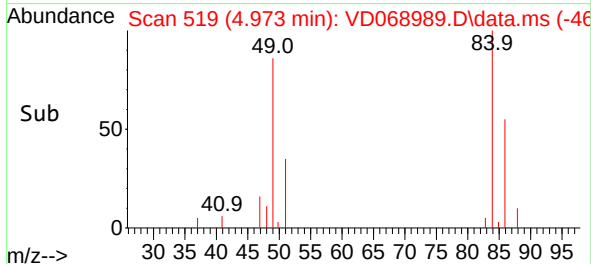
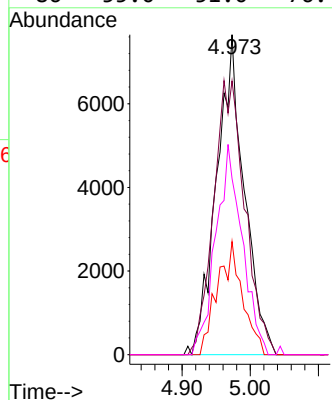
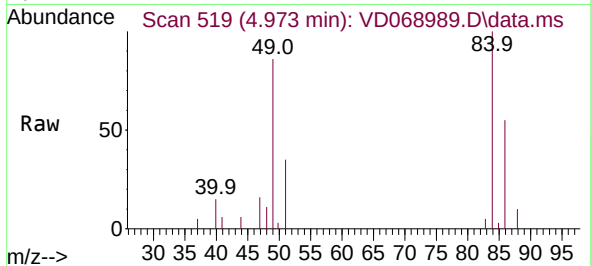




#20
Methylene Chloride
Concen: 1.56 ug/l
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

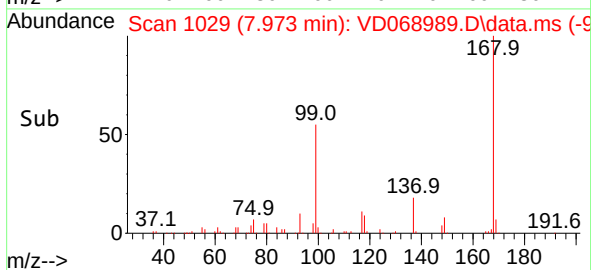
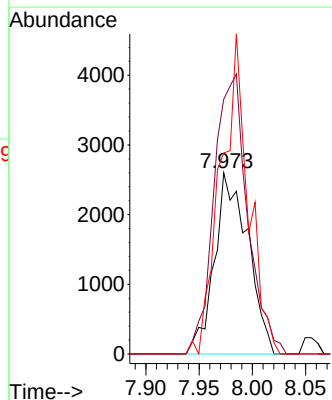
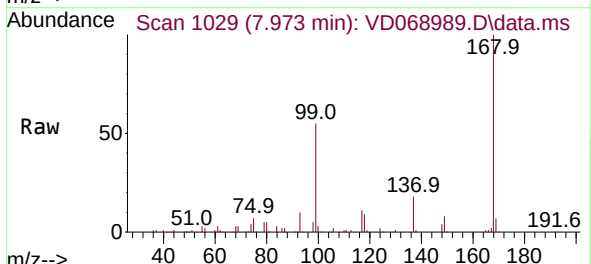
Instrument :
MSVOA_D
ClientSampled :

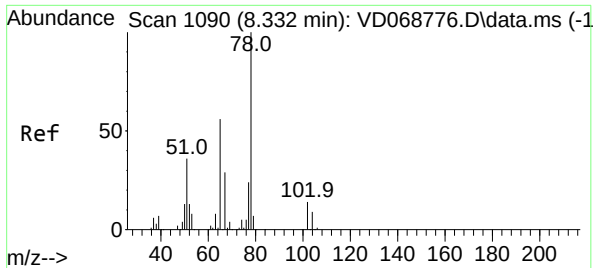
Tgt Ion:	84	Resp:	21685
Ion	Ratio	Lower	Upper
84	100		
49	85.6	83.4	125.0
51	35.4	23.4	35.2#
86	55.0	51.0	76.4



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion:	56	Resp:	5692
Ion	Ratio	Lower	Upper
56	100		
69	140.6	30.0	45.0#
84	110.9	82.0	123.0

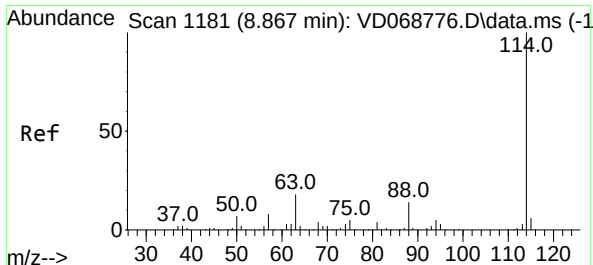
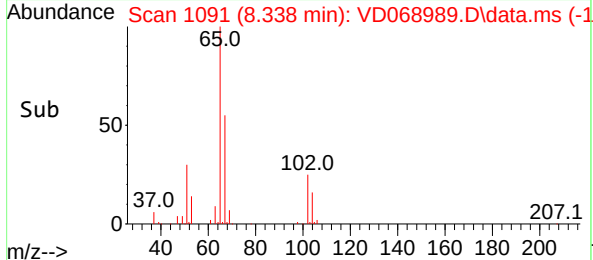
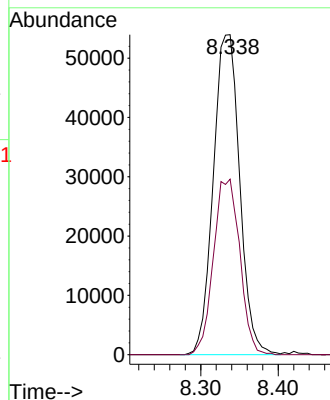
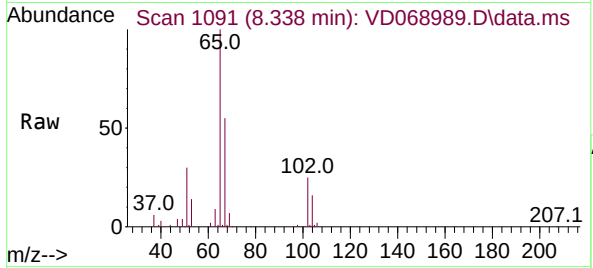




#33
 1,2-Dichloroethane-d4
 Concen: 41.12 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.006 min
 Lab File: VD068989.D
 Acq: 26 Apr 2021 15:33

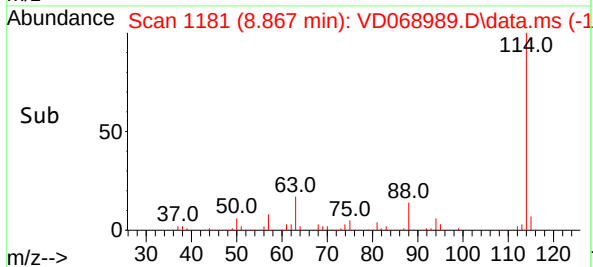
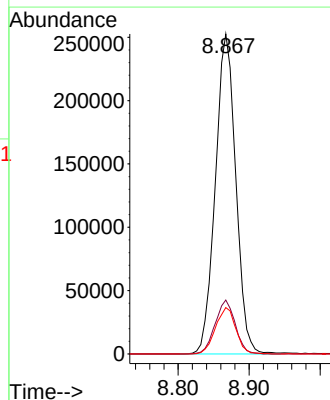
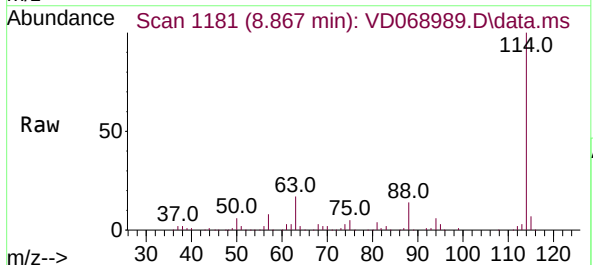
Instrument :
 MSVOA_D
 ClientSampleID :

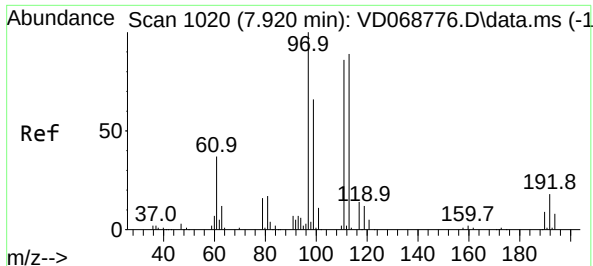
Tgt Ion: 65 Resp: 127859
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068989.D
 Acq: 26 Apr 2021 15:33

Tgt Ion: 114 Resp: 503669
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 38.2
 88 14.5 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.34 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068989.D

Acq: 26 Apr 2021 15:33

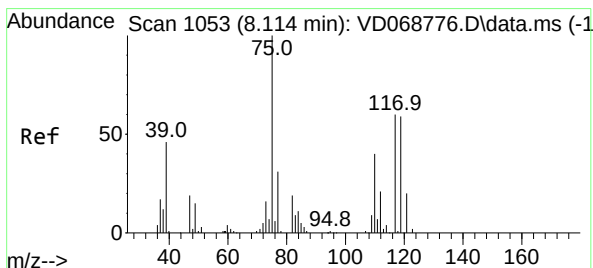
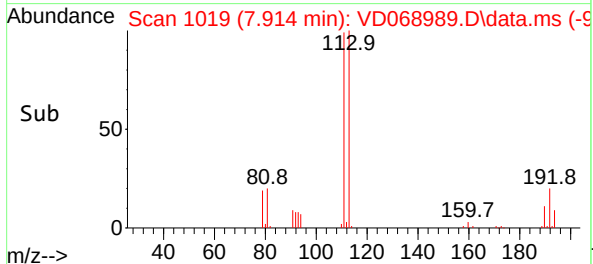
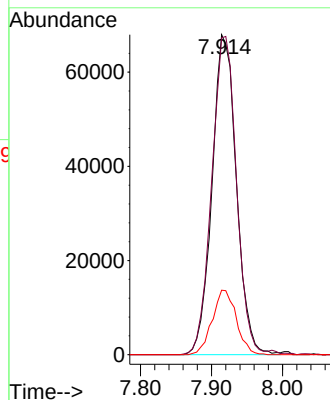
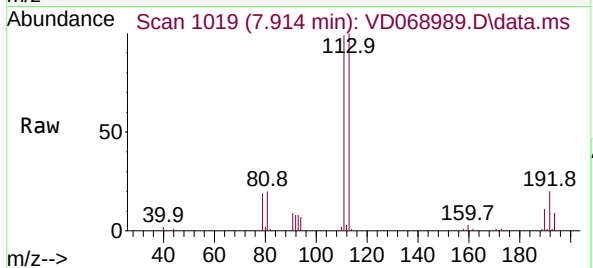
Tgt Ion:113 Resp: 161632

Ion Ratio Lower Upper

113 100

111 101.6 82.5 123.7

192 19.9 15.1 22.7



#36

1,1-Dichloropropene

Concen: 3.96 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.135 min

Lab File: VD068989.D

Acq: 26 Apr 2021 15:33

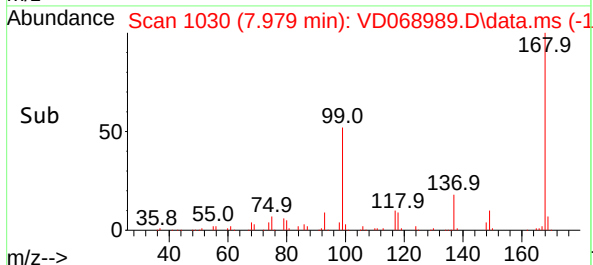
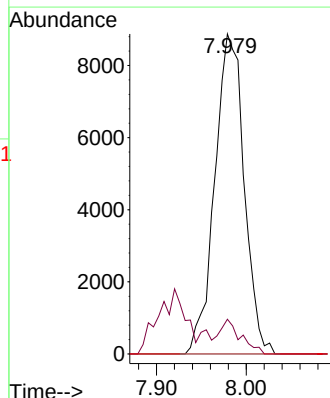
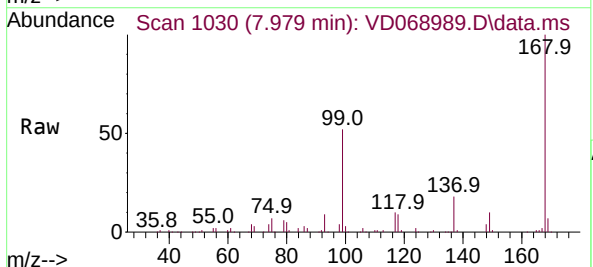
Tgt Ion: 75 Resp: 20183

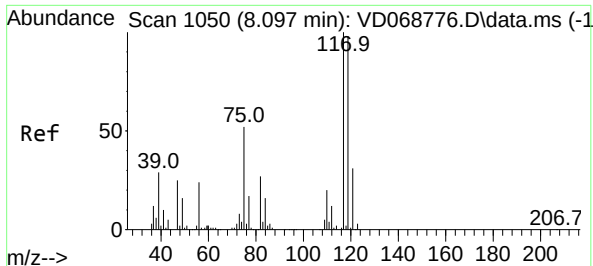
Ion Ratio Lower Upper

75 100

110 7.9 18.1 54.4#

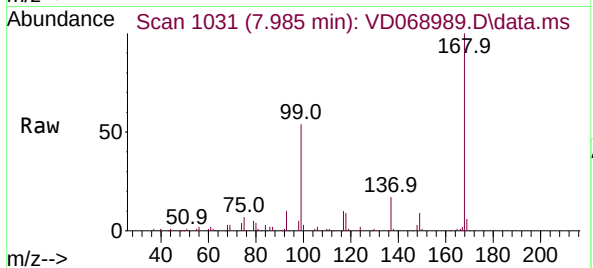
77 0.0 24.7 37.1#



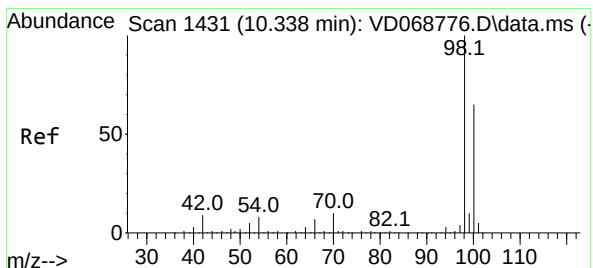
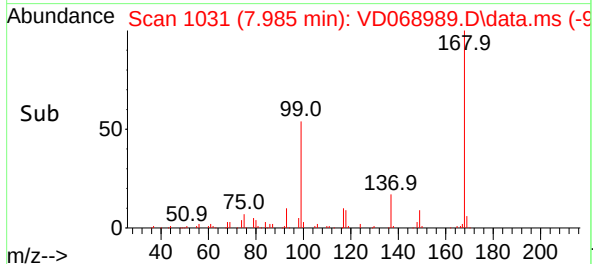
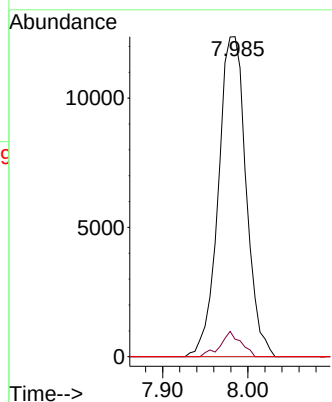


#38
Carbon Tetrachloride
Concen: 5.55 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Instrument :
MSVOA_D
ClientSampled :

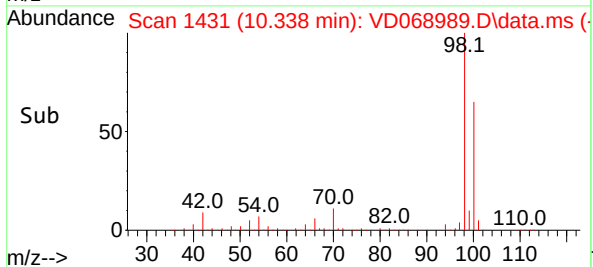
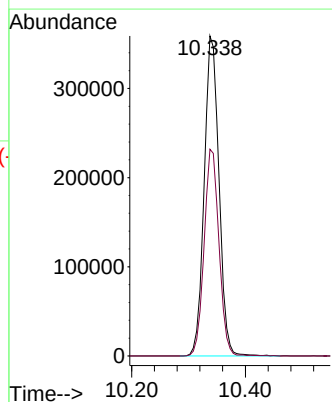
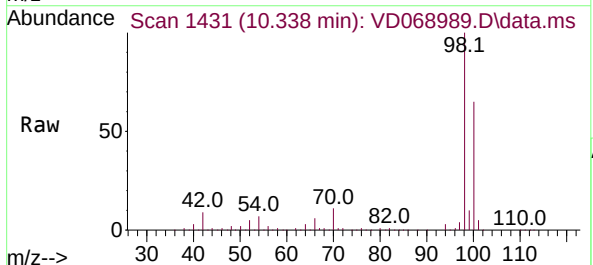


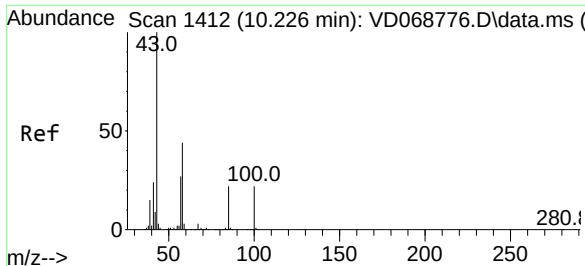
Tgt Ion:117 Resp: 28026
Ion Ratio Lower Upper
117 100
119 5.4 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.26 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 98 Resp: 645849
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

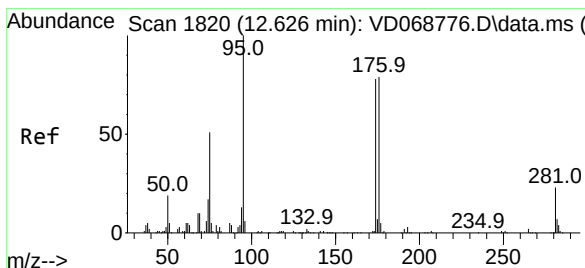
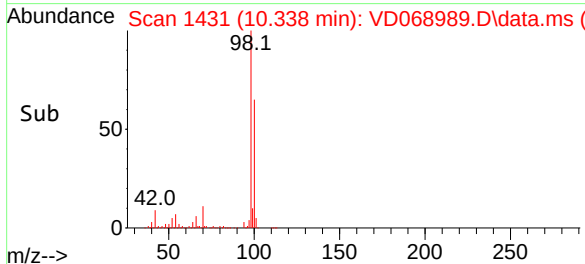
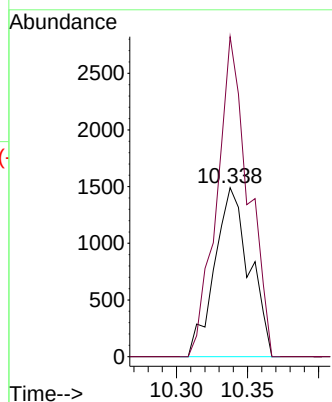
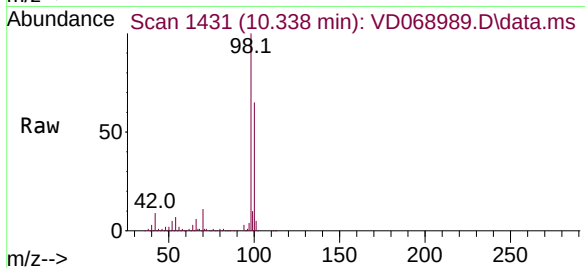




#51
4-Methyl-2-Pentanone
Concen: 1.65 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

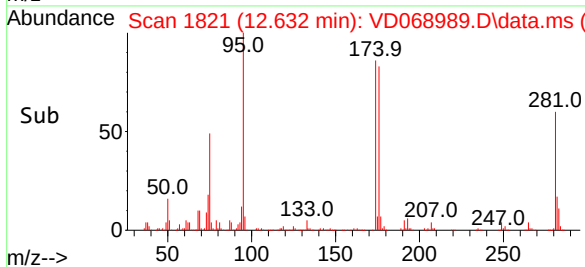
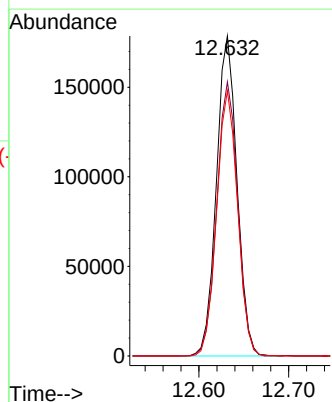
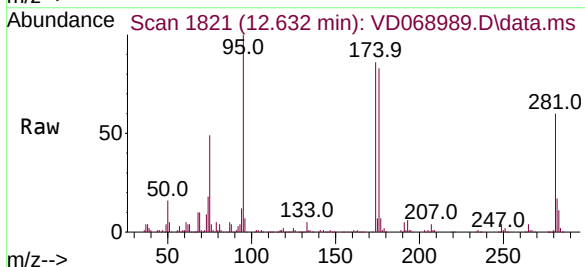
Instrument :
MSVOA_D
ClientSampled :

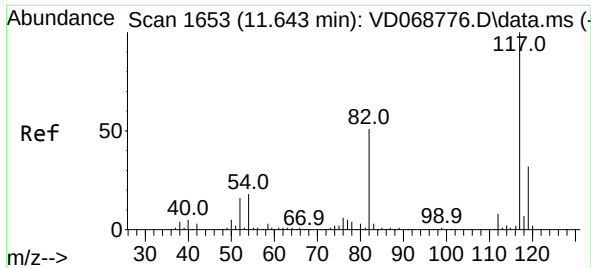
Tgt Ion: 43 Resp: 2541
Ion Ratio Lower Upper
43 100
58 171.6 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 69.33 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 95 Resp: 284579
Ion Ratio Lower Upper
95 100
174 87.1 0.0 168.0
176 83.9 0.0 160.2

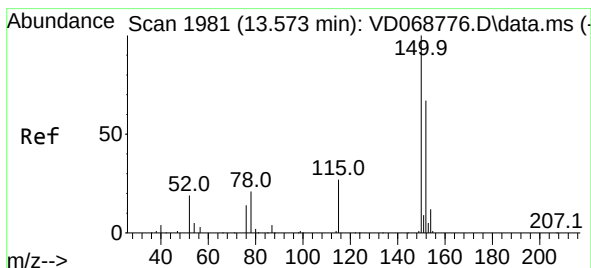
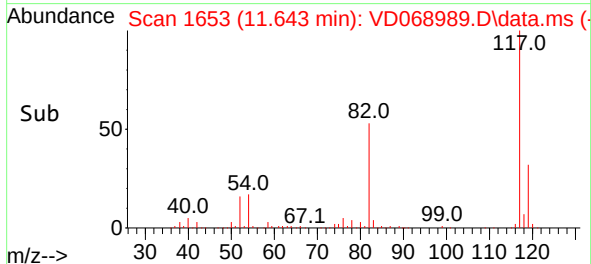
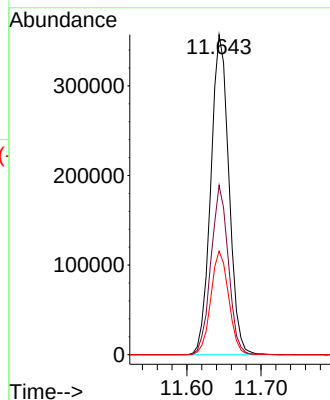
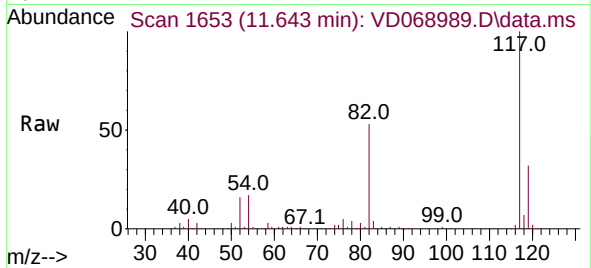




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

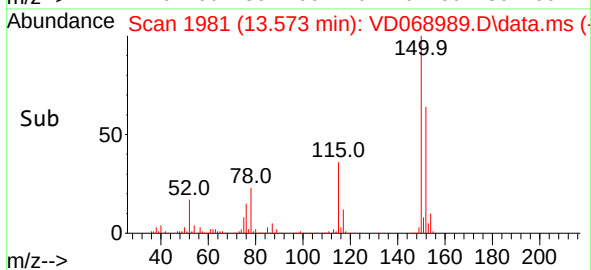
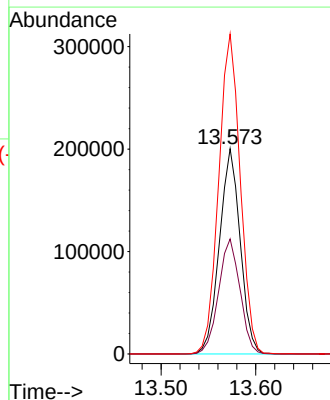
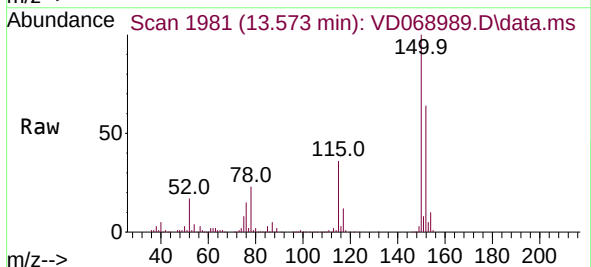
Instrument :
MSVOA_D
ClientSampled :

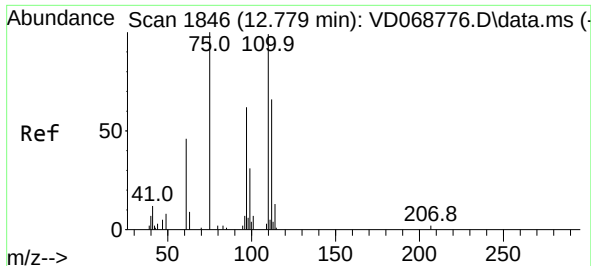
Tgt Ion:117 Resp: 606040
Ion Ratio Lower Upper
117 100
82 53.0 43.5 65.3
119 32.4 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion:152 Resp: 305384
Ion Ratio Lower Upper
152 100
115 57.6 29.3 87.8
150 161.5 0.0 347.6

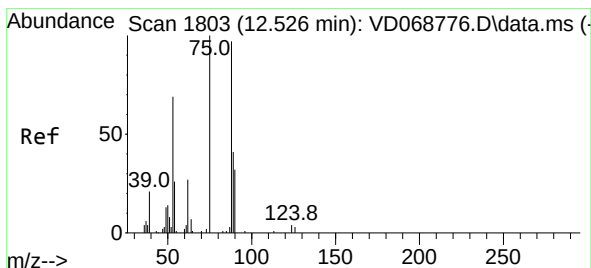
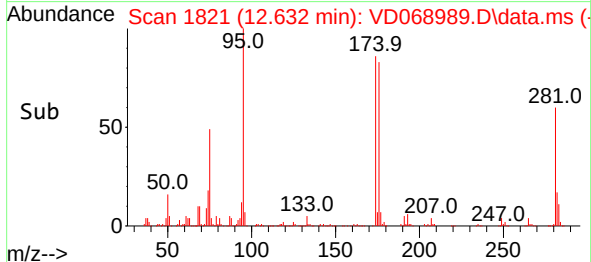
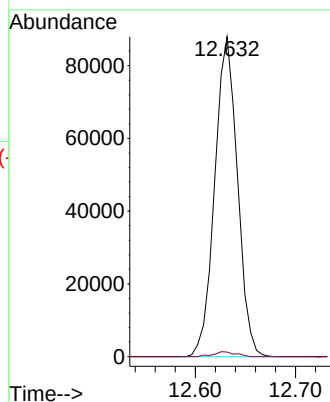
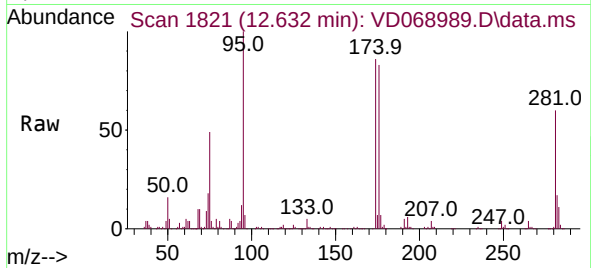




#76
1,2,3-Trichloropropane
Concen: 49.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.147 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 138449
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.17 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068989.D
Acq: 26 Apr 2021 15:33

Tgt Ion: 75 Resp: 138449
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.5 36.6 54.8#

