

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020421\
 Data File : VD068275.D
 Acq On : 04 Feb 2021 13:53
 Operator : VA/SY
 Sample : VD0204SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0204SBL01

Quant Time: Feb 05 00:02:44 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)

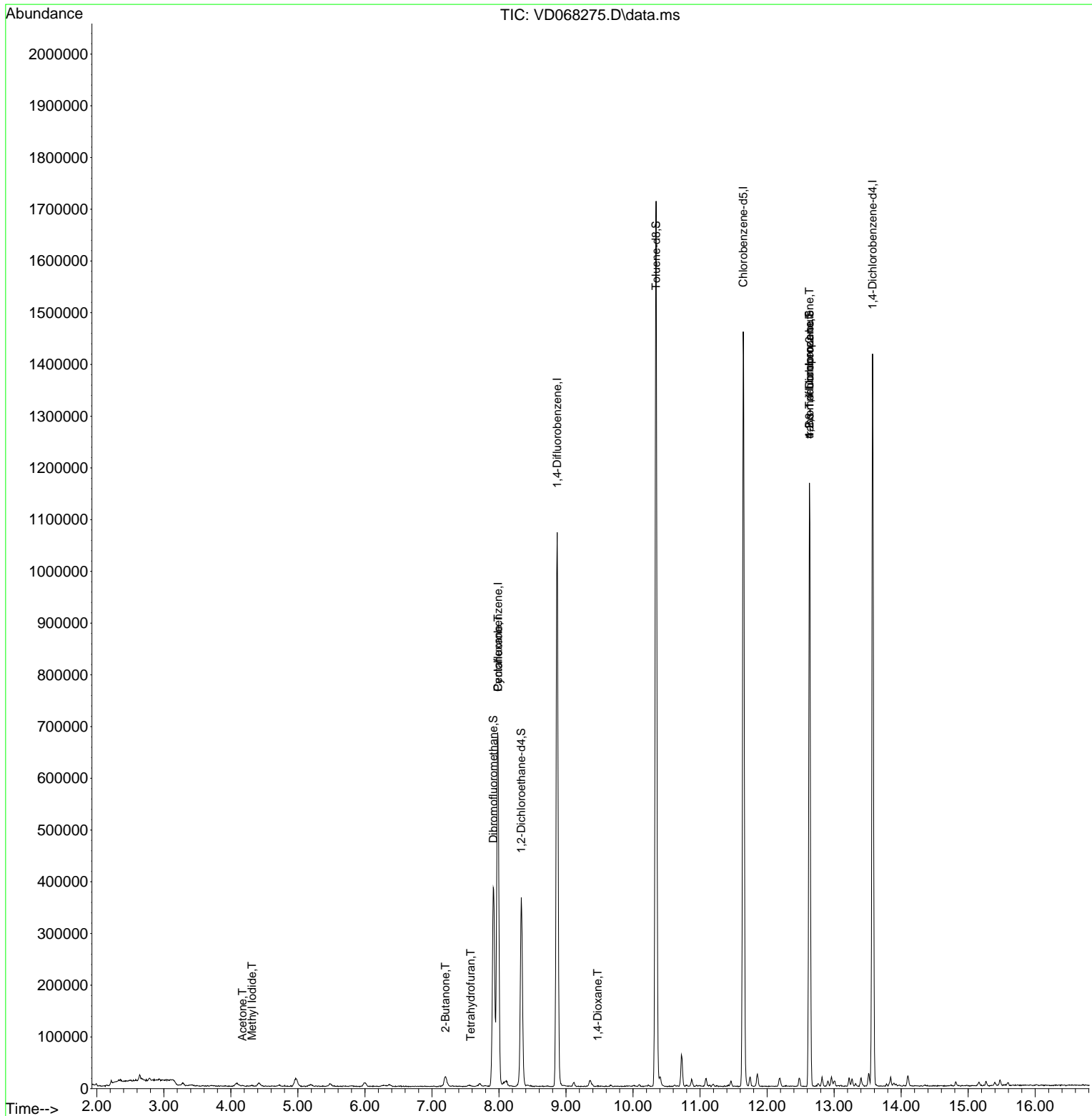
Internal Standards						
1) Pentafluorobenzene	7.985	168	521478	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	957164	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	863013	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	376302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	283368	56.80	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.60%
35) Dibromofluoromethane	7.914	113	286662	54.17	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.34%
50) Toluene-d8	10.344	98	1190524	56.24	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.48%
62) 4-Bromofluorobenzene	12.632	95	378167	49.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.22%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.315	142	2552	3.54	ug/l #	59
11) Tert butyl alcohol	5.173	59	1938	Below	Cal #	74
16) Acetone	4.173	43	3222	3.62	ug/l	94
20) Methylene Chloride	4.973	84	13828	Below	Cal #	82
25) 2-Butanone	7.203	43	1497	1.12	ug/l #	43
29) Tetrahydrofuran	7.579	42	1500	1.73	ug/l #	41
31) Cyclohexane	7.985	56	15835	1.47	ug/l #	39
49) 1,4-Dioxane	9.473	88	140	3.57	ug/l #	30
76) 1,2,3-Trichloropropane	12.632	75	193410	53.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	193410	107.57	ug/l #	13

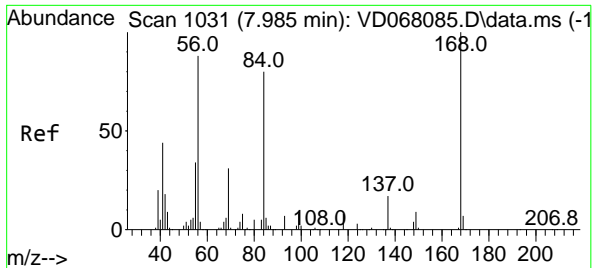
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
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 Client Sampled :
 VD0204SBL01

Quant Time: Feb 05 00:02:44 2021
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 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

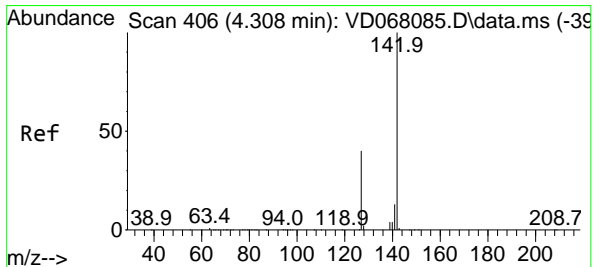
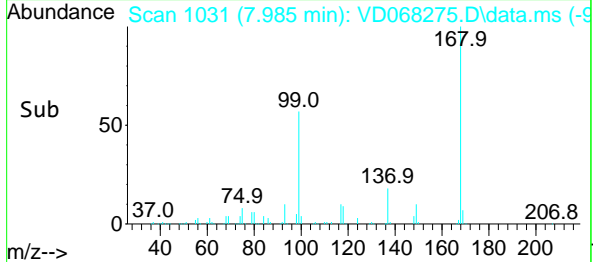
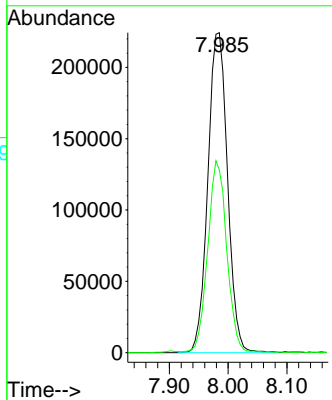
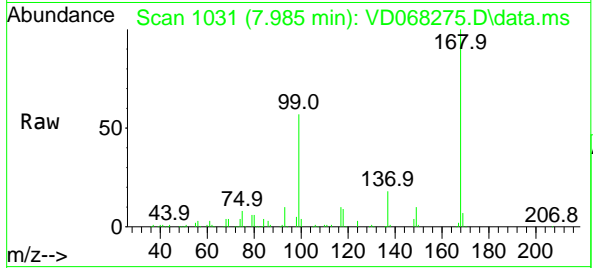




#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

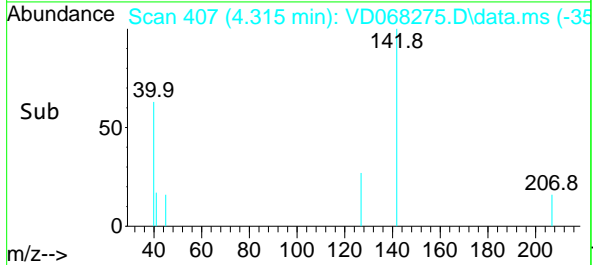
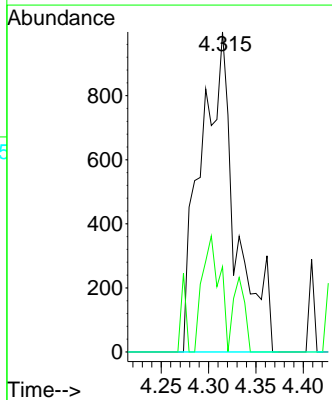
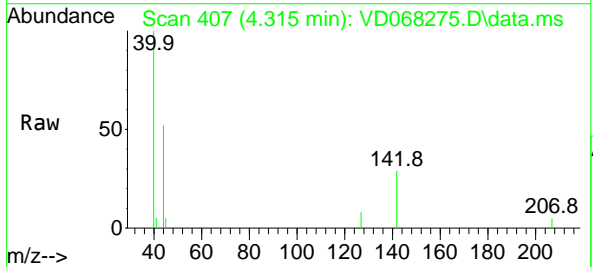
Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

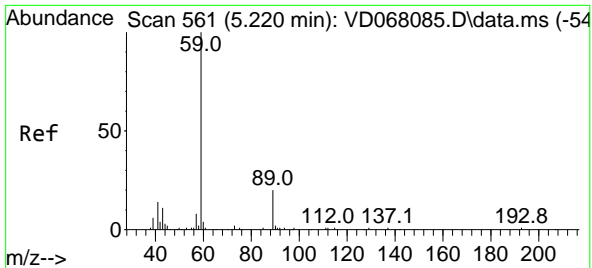
Tgt Ion:168 Resp: 521478
 Ion Ratio Lower Upper
 168 100
 99 56.9 43.5 65.3



#10
 Methyl Iodide
 Concen: 3.54 ug/l
 RT: 4.315 min Scan# 407
 Delta R.T. 0.007 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Tgt Ion:142 Resp: 2552
 Ion Ratio Lower Upper
 142 100
 127 18.3 37.9 56.9#
 141 0.0 11.5 17.3#

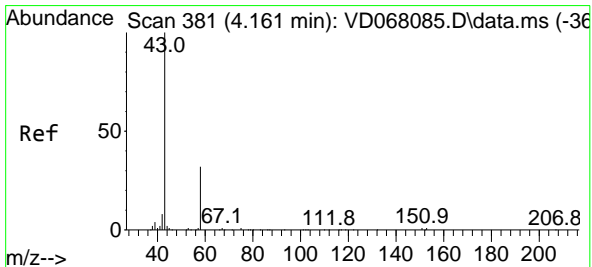
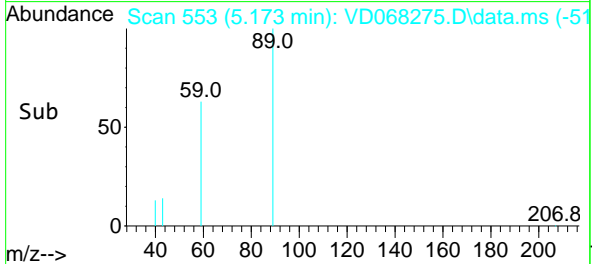
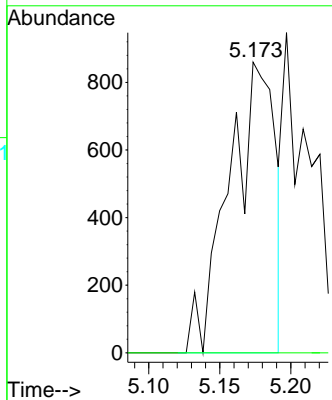
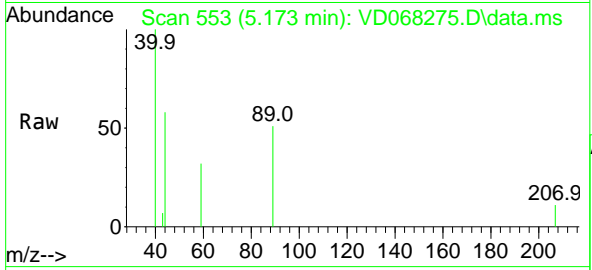




#11
 Tert butyl alcohol
 Concen: Below Cal
 RT: 5.173 min Scan# 553
 Delta R.T. -0.047 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

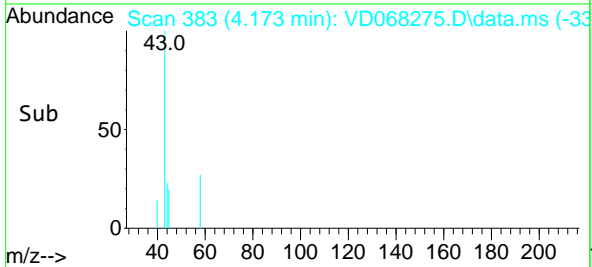
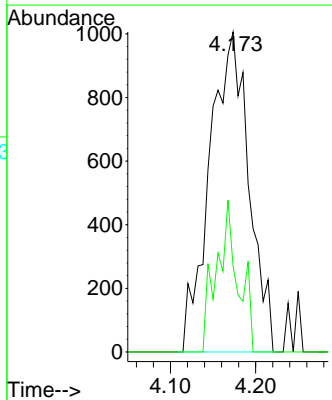
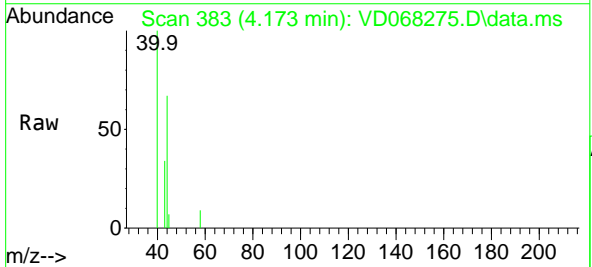
Instrument :
 MSVOA_D
ClientSampled :
 VD0204SBL01

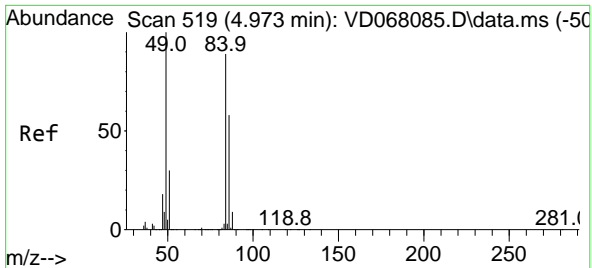
Tgt Ion: 59 Resp: 1938
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.4 11.2#



#16
 Acetone
 Concen: 3.62 ug/l
 RT: 4.173 min Scan# 383
 Delta R.T. 0.012 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Tgt Ion: 43 Resp: 3222
 Ion Ratio Lower Upper
 43 100
 58 26.8 24.2 36.4



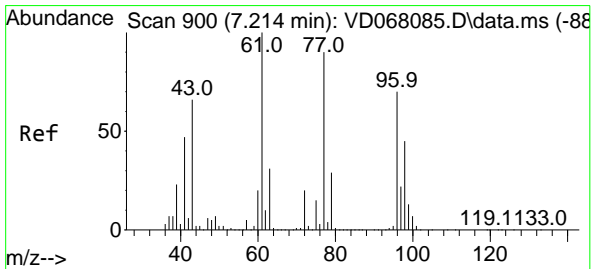
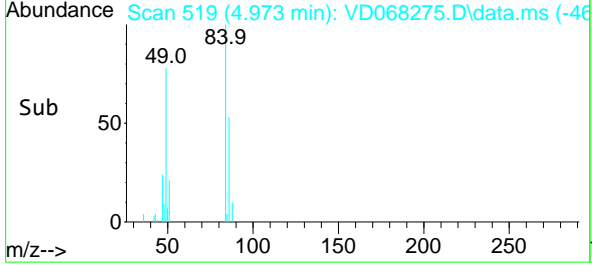
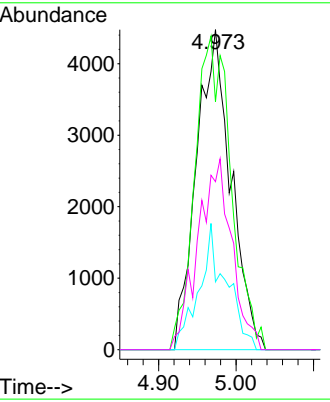
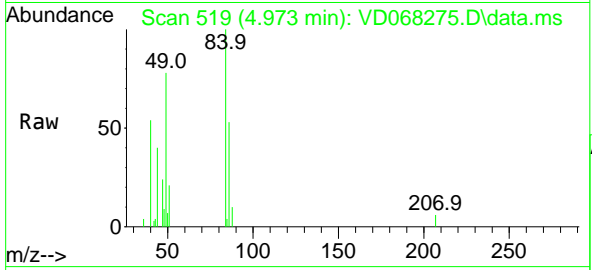


#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.973 min Scan# 519
 Delta R.T. 0.000 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

Tgt Ion: 84 Resp: 13828

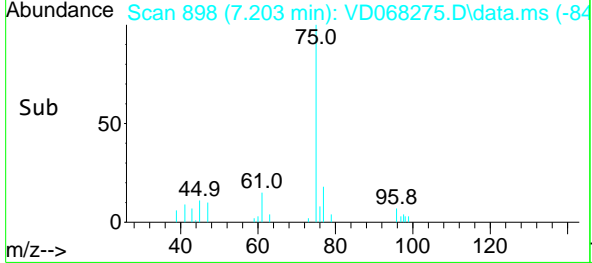
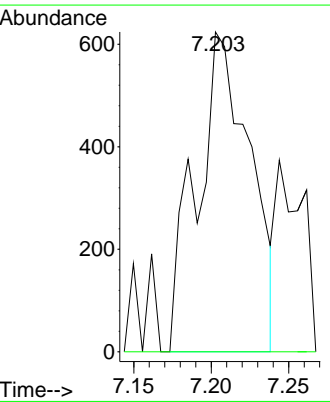
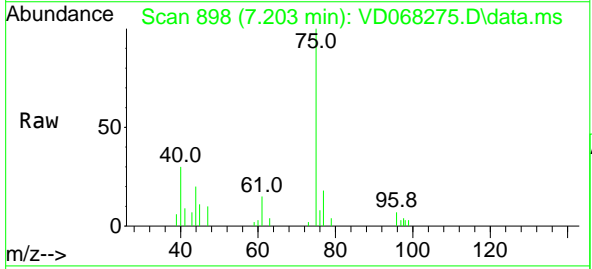
Ion	Ratio	Lower	Upper
84	100		
49	77.5	77.4	116.2
51	21.2	26.1	39.1#
86	52.5	51.8	77.8

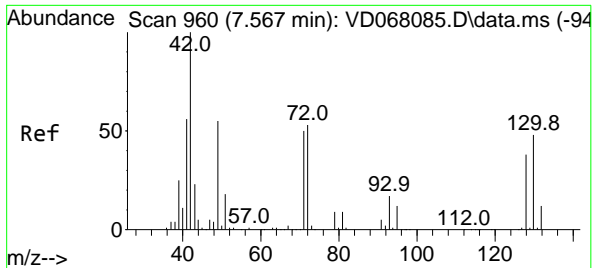


#25
 2-Butanone
 Concen: 1.12 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.011 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Tgt Ion: 43 Resp: 1497

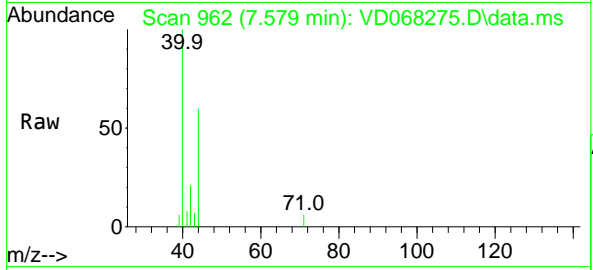
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.1	37.7#





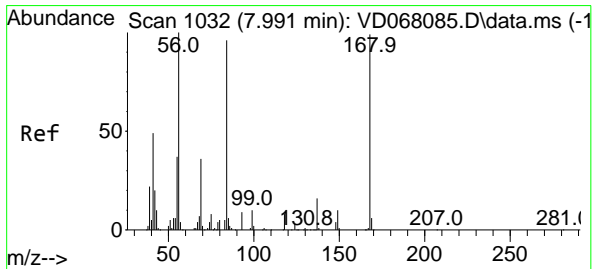
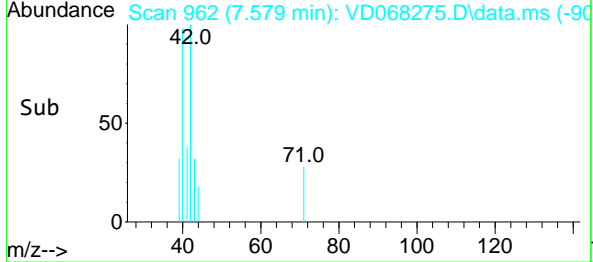
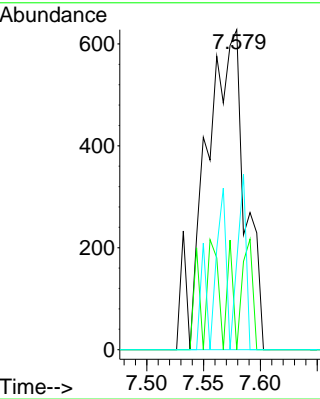
#29
 Tetrahydrofuran
 Concen: 1.73 ug/l
 RT: 7.579 min Scan# 962
 Delta R.T. 0.012 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

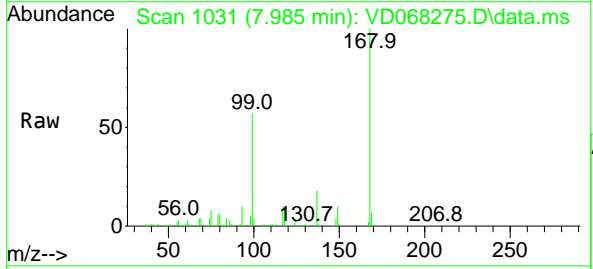


Tgt Ion: 42 Resp: 1500

Ion	Ratio	Lower	Upper
42	100		
72	5.1	43.4	65.0#
71	17.1	40.8	61.2#

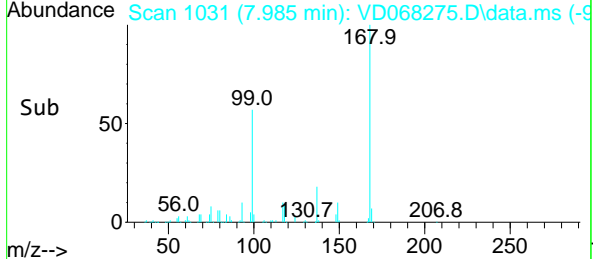
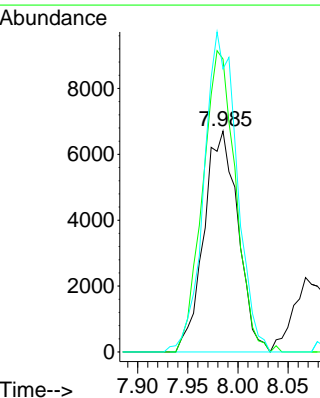


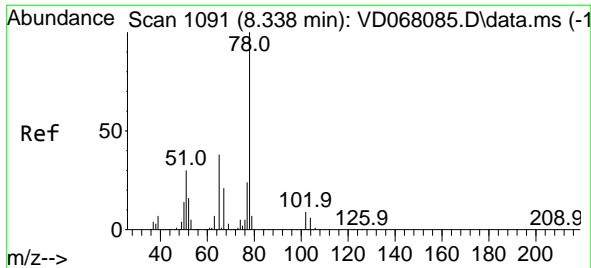
#31
 Cyclohexane
 Concen: 1.47 ug/l
 RT: 7.985 min Scan# 1031
 Delta R.T. -0.005 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53



Tgt Ion: 56 Resp: 15835

Ion	Ratio	Lower	Upper
56	100		
69	132.6	30.1	45.1#
84	128.2	82.1	123.1#

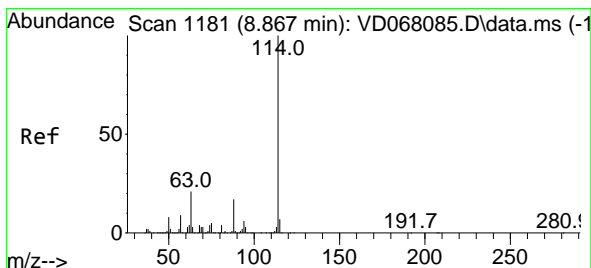
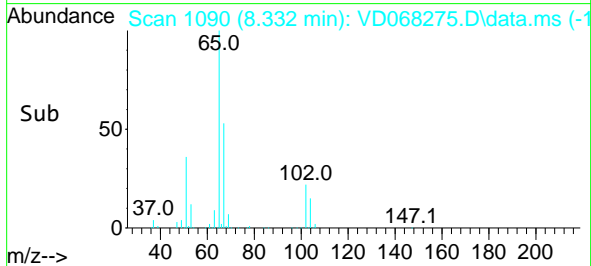
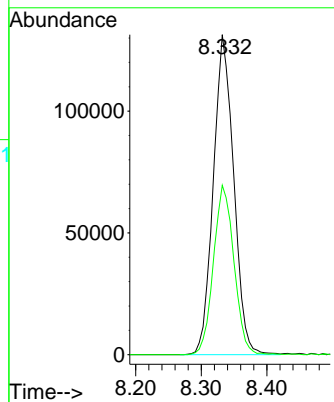
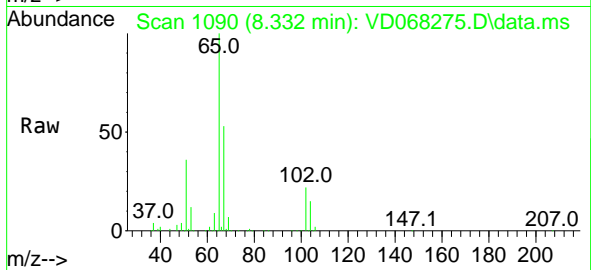




#33
 1,2-Dichloroethane-d4
 Concen: 56.80 ug/l
 RT: 8.332 min Scan# 1090
 Delta R.T. -0.005 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

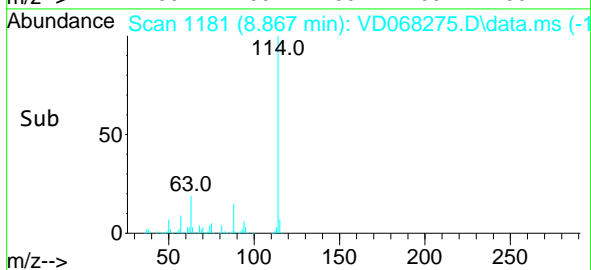
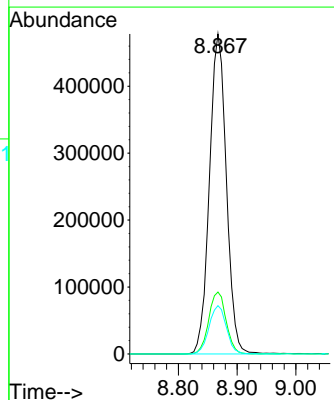
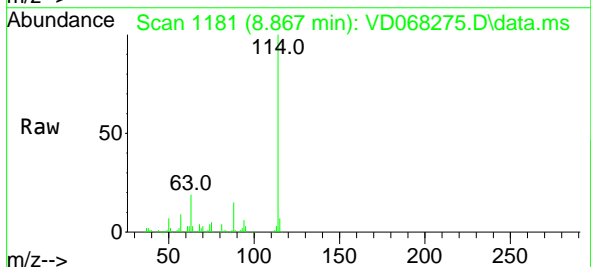
Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

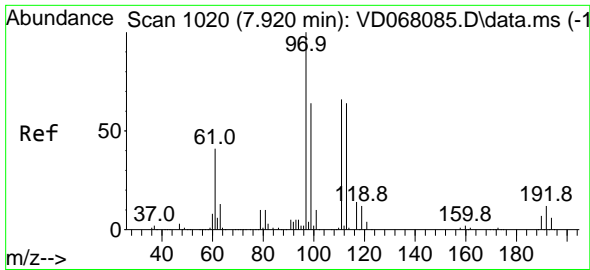
Tgt Ion: 65 Resp: 283368
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Tgt Ion:114 Resp: 957164
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 34.8
 88 15.1 0.0 31.6



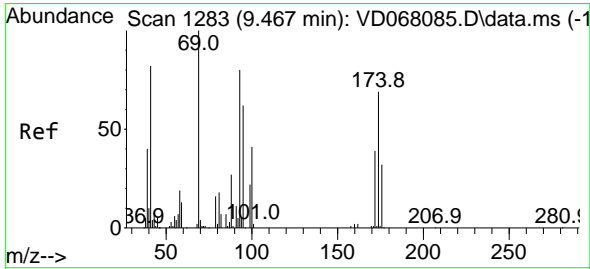
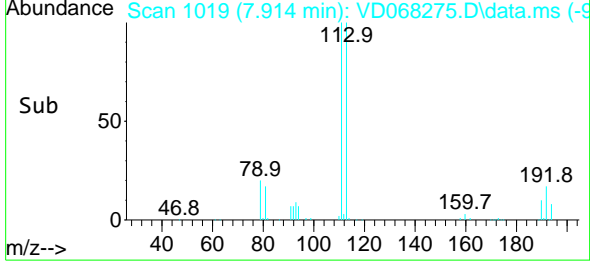
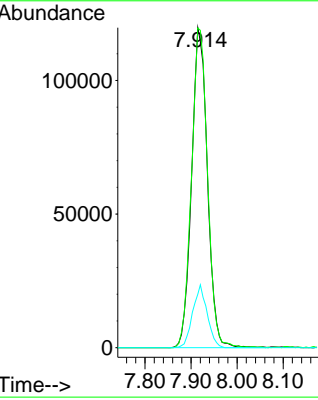
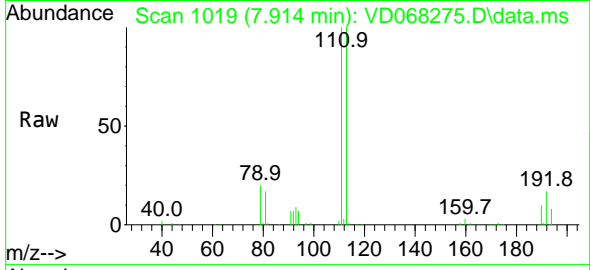


#35
 Dibromofluoromethane
 Concen: 54.17 ug/l
 RT: 7.914 min Scan# 1019
 Delta R.T. -0.005 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

Tgt Ion:113 Resp: 286662

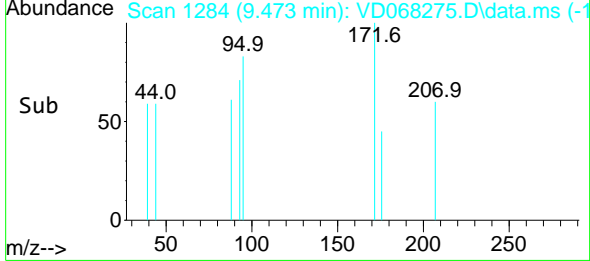
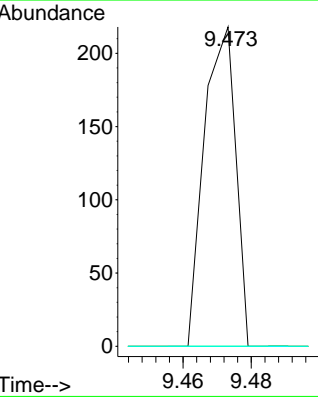
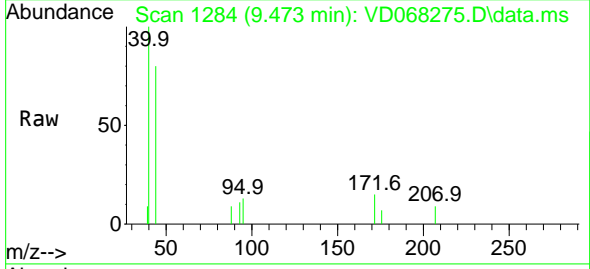
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	18.0	16.1	24.1

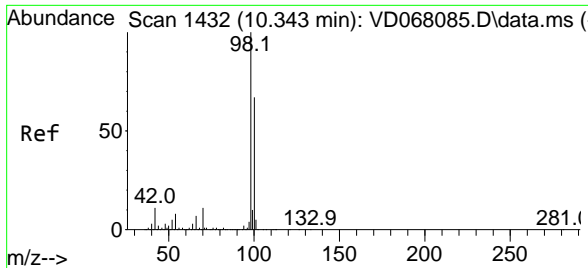


#49
 1,4-Dioxane
 Concen: 3.57 ug/l
 RT: 9.473 min Scan# 1284
 Delta R.T. 0.006 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Tgt Ion: 88 Resp: 140

Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.1	33.1#
58	0.0	46.7	70.1#

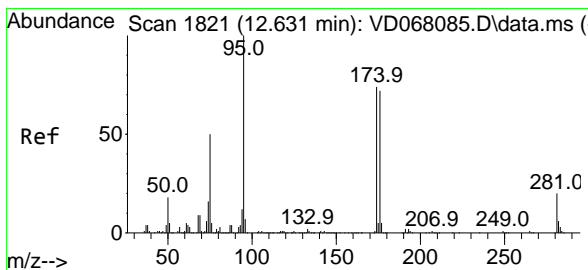
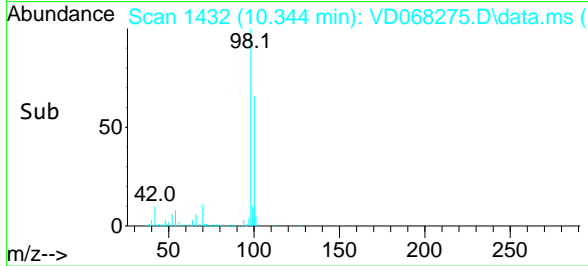
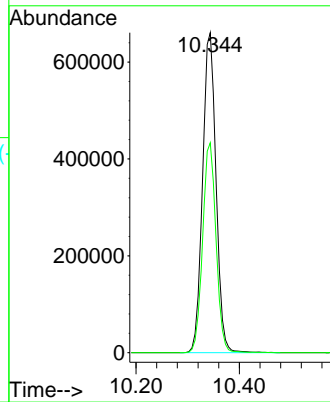
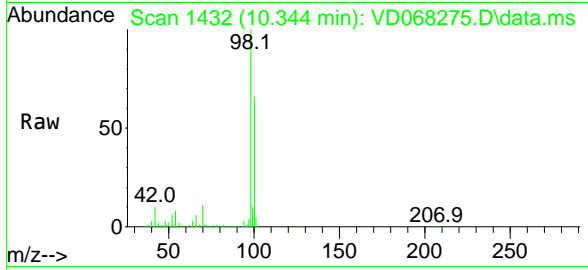




#50
 Toluene-d8
 Concen: 56.24 ug/l
 RT: 10.344 min Scan# 1432
 Delta R.T. 0.000 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

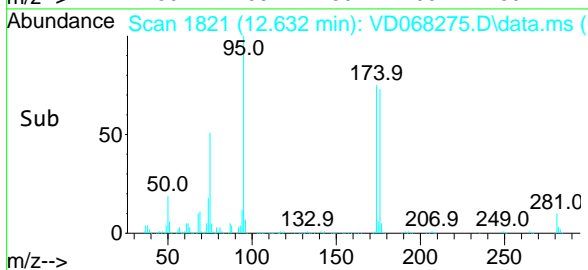
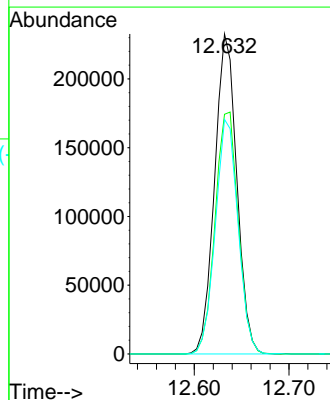
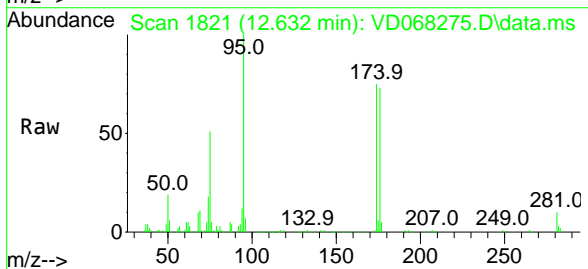
Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

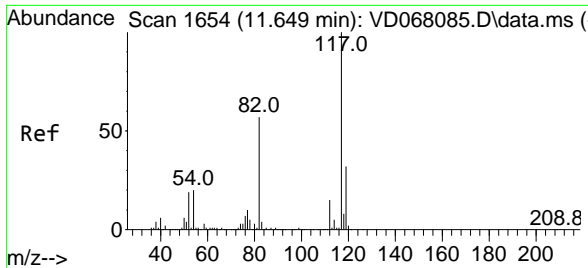
Tgt Ion: 98 Resp: 1190524
 Ion Ratio Lower Upper
 98 100
 100 65.4 53.0 79.4



#62
 4-Bromofluorobenzene
 Concen: 49.61 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

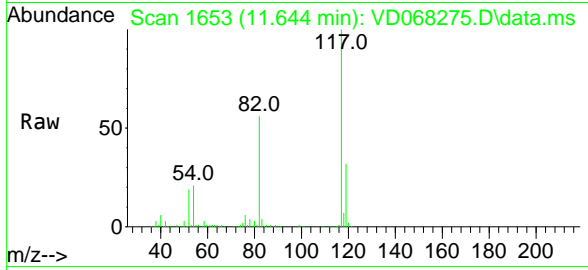
Tgt Ion: 95 Resp: 378167
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 172.4
 176 75.1 0.0 168.4





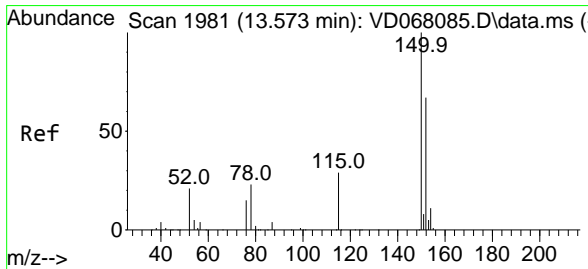
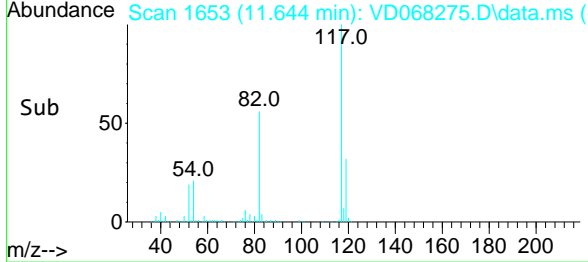
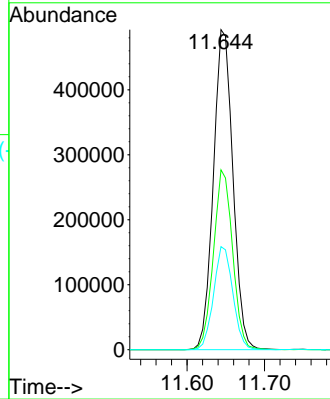
#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.644 min Scan# 1653
 Delta R.T. -0.005 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

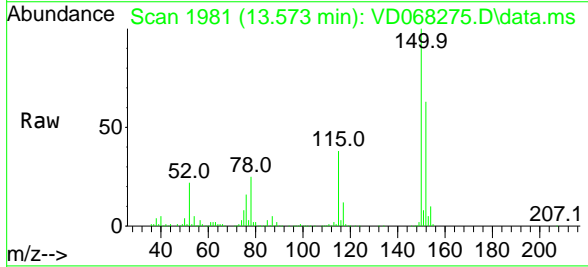


Tgt Ion:117 Resp: 863013

Ion	Ratio	Lower	Upper
117	100		
82	56.2	41.4	62.0
119	32.2	26.1	39.1

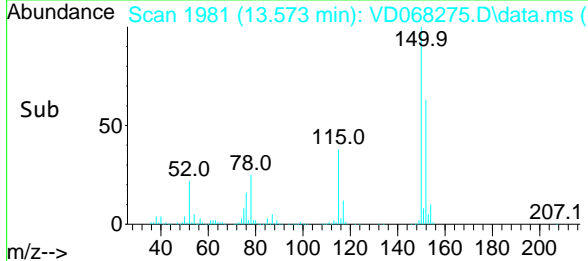
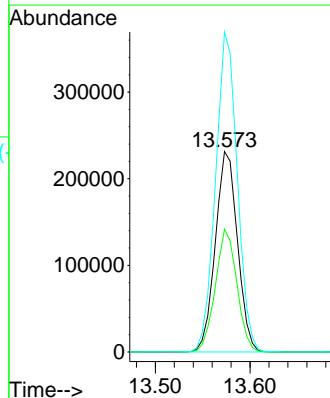


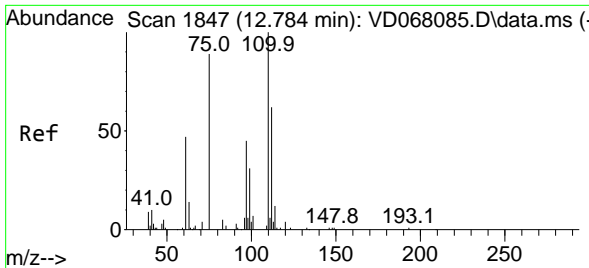
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.000 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53



Tgt Ion:152 Resp: 376302

Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.9	86.8
150	156.8	0.0	344.4

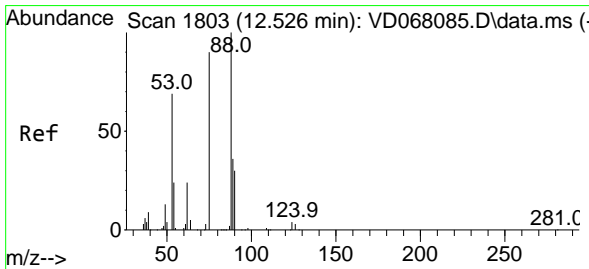
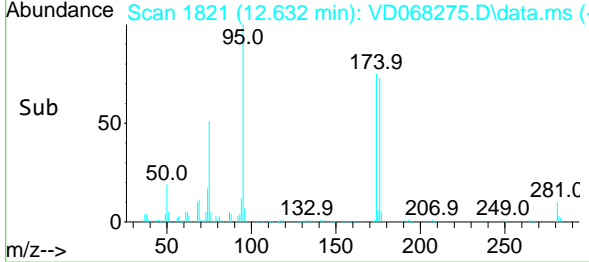
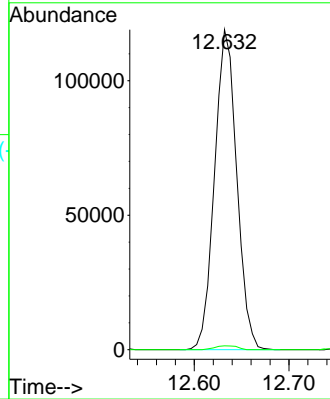
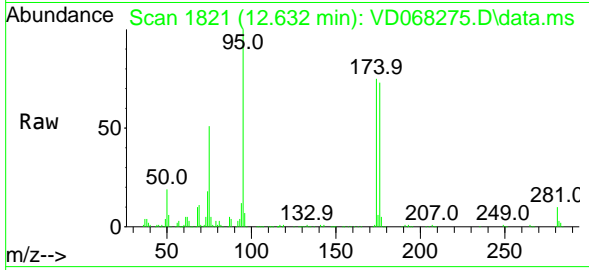




#76
 1,2,3-Trichloropropane
 Concen: 53.16 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.153 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Instrument :
 MSVOA_D
 ClientSampled :
 VD0204SBL01

Tgt Ion: 75 Resp: 193410
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.57 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068275.D
 Acq: 04 Feb 2021 13:53

Tgt Ion: 75 Resp: 193410
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

