

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022221\
 Data File : VD068411.D
 Acq On : 22 Feb 2021 10:29
 Operator : VA/SY
 Sample : VD0222SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 22 15:16:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

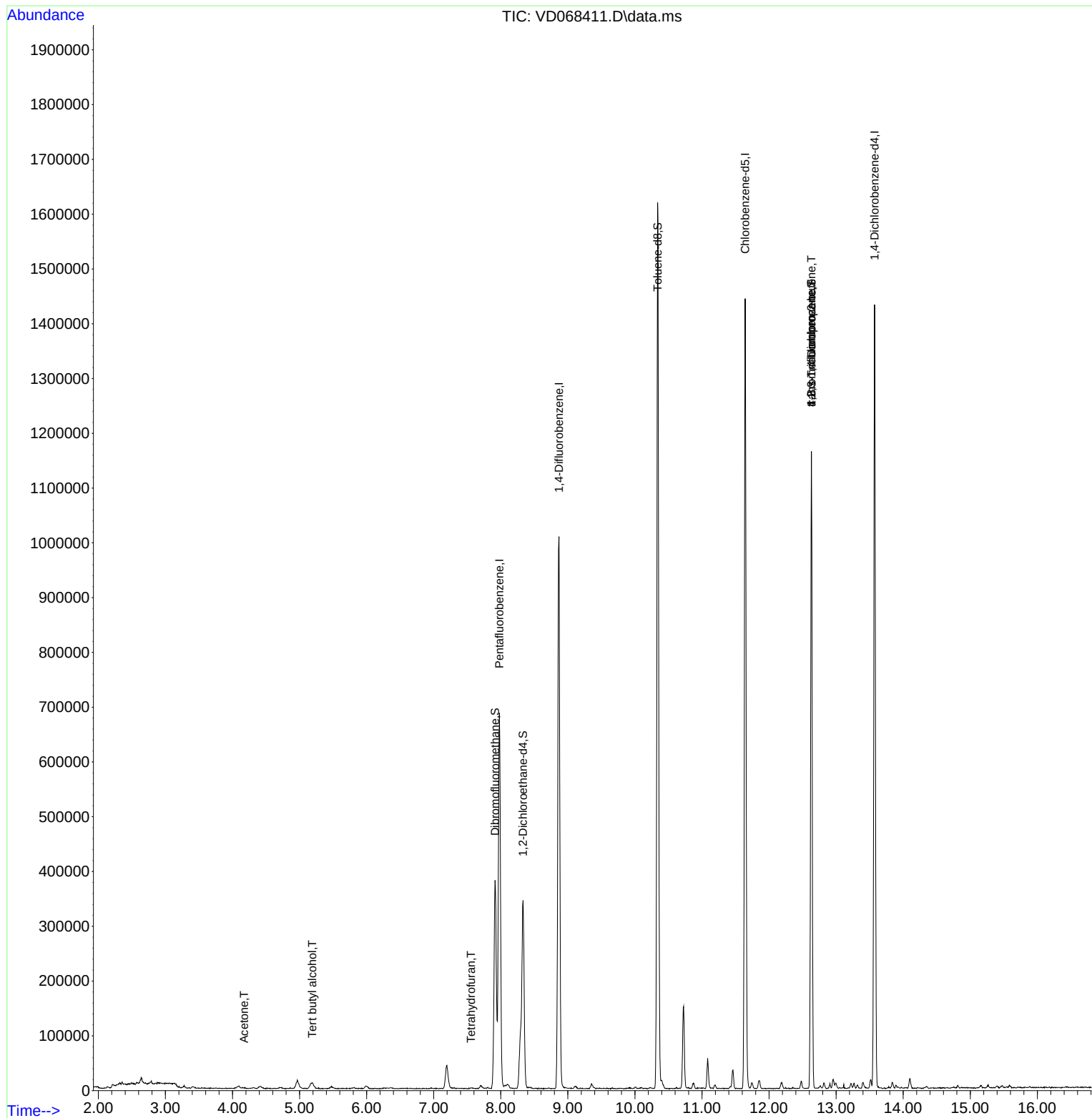
Internal Standards						
1) Pentafluorobenzene	7.979	168	512491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	924883	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	841492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	379781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	266982	50.96	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.92%
35) Dibromofluoromethane	7.914	113	282349	51.43	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.86%
50) Toluene-d8	10.338	98	1142930	50.23	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.46%
62) 4-Bromofluorobenzene	12.632	95	361169	48.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.46%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.191	59	10536	40.11	ug/l #	74
16) Acetone	4.173	43	2644	3.27	ug/l #	80
20) Methylene Chloride	4.967	84	10383	Below Cal	#	84
29) Tetrahydrofuran	7.555	42	849	1.16	ug/l #	46
31) Cyclohexane	7.979	56	13799	Below Cal	#	30
76) 1,2,3-Trichloropropane	12.632	75	189029	52.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	189029	131.11	ug/l #	14

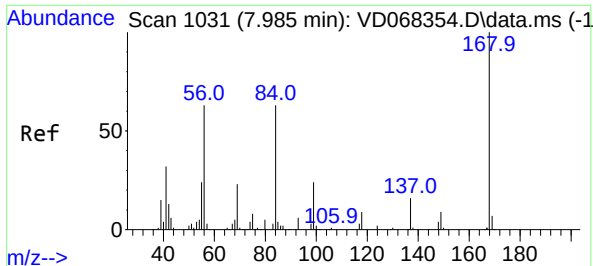
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

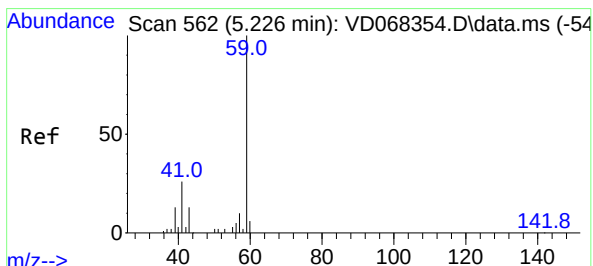
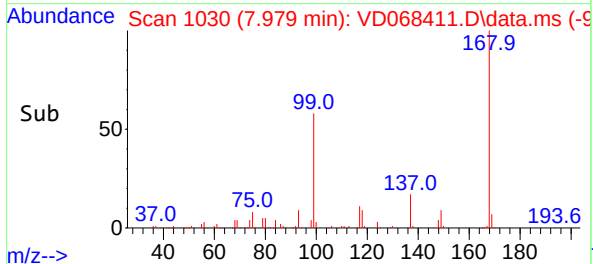
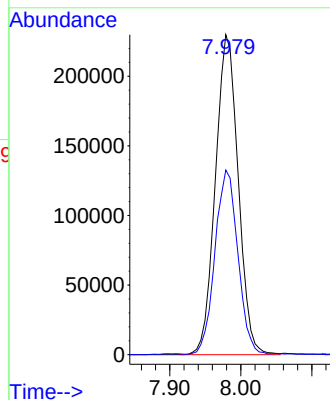
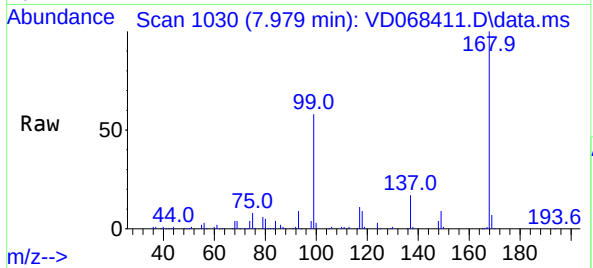




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

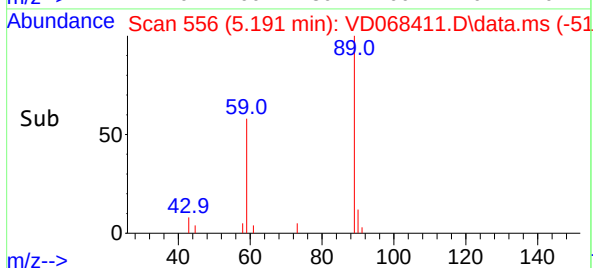
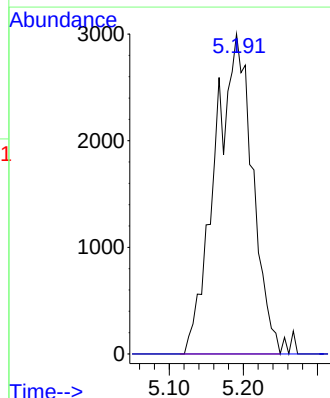
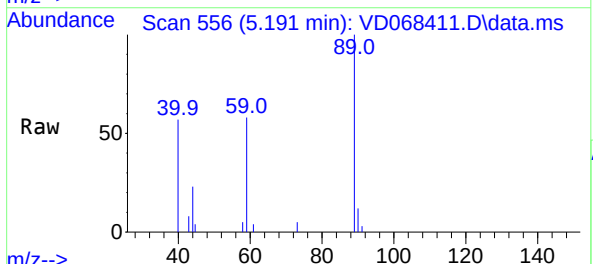
Instrument :
MSVOA_D
ClientSampleId :

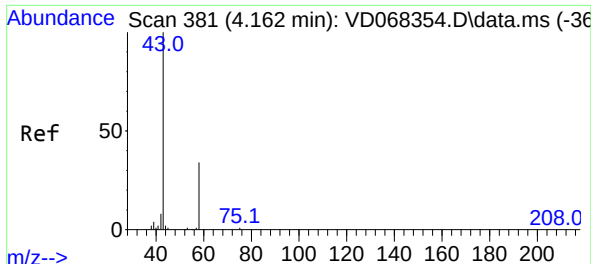
Tgt Ion:168 Resp: 512491
Ion Ratio Lower Upper
168 100
99 57.4 43.5 65.3



#11
Tert butyl alcohol
Concen: 40.11 ug/l
RT: 5.191 min Scan# 556
Delta R.T. -0.035 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Tgt Ion: 59 Resp: 10536
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

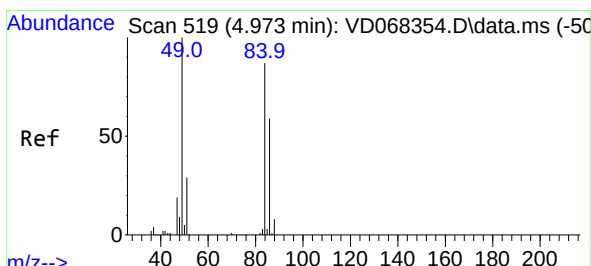
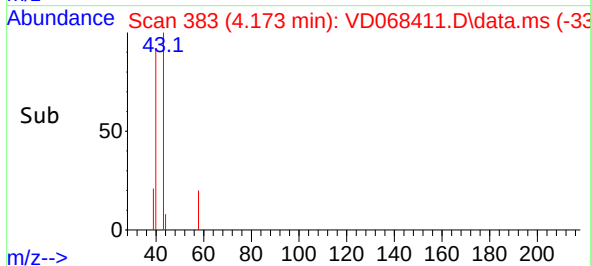
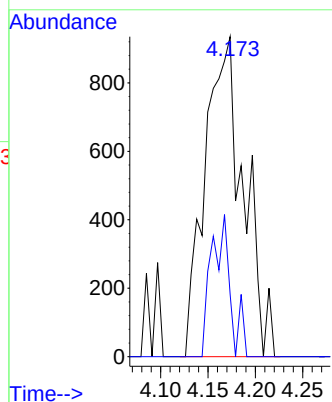
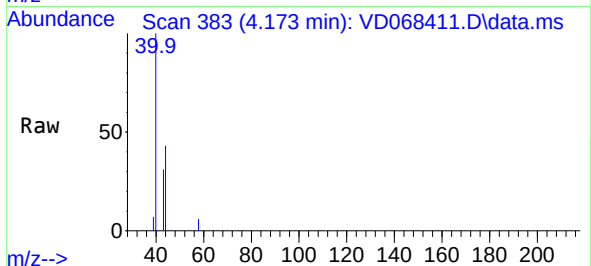




#16
Acetone
Concen: 3.27 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

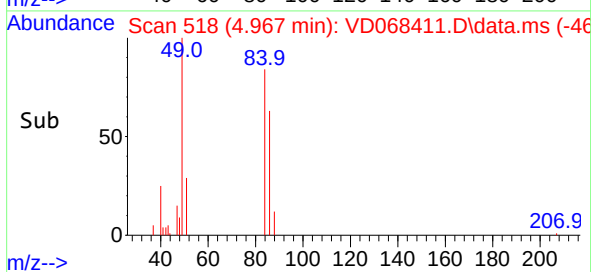
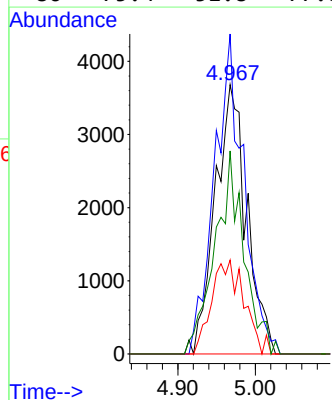
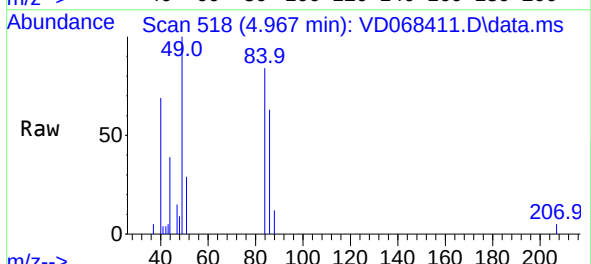
Instrument :
MSVOA_D
ClientSampleId :

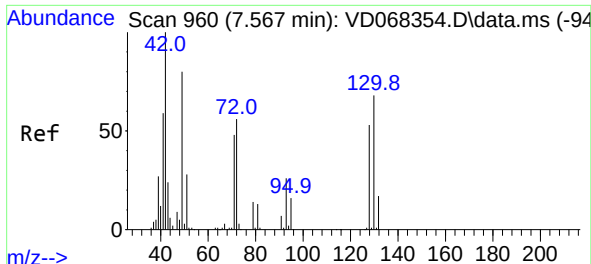
Tgt Ion: 43 Resp: 2644
Ion Ratio Lower Upper
43 100
58 19.6 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Tgt Ion: 84 Resp: 10383
Ion Ratio Lower Upper
84 100
49 118.9 77.4 116.2#
51 34.9 26.1 39.1
86 75.4 51.8 77.8





#29

Tetrahydrofuran

Concen: 1.16 ug/l

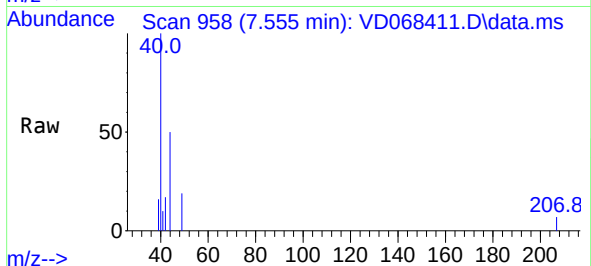
RT: 7.555 min Scan# 958

Delta R.T. -0.012 min

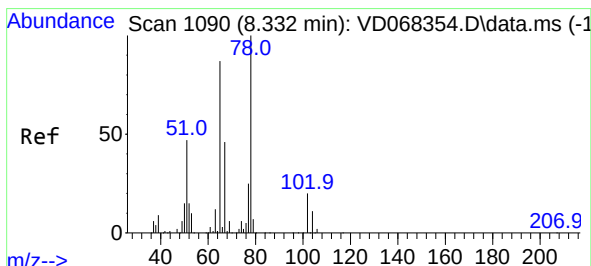
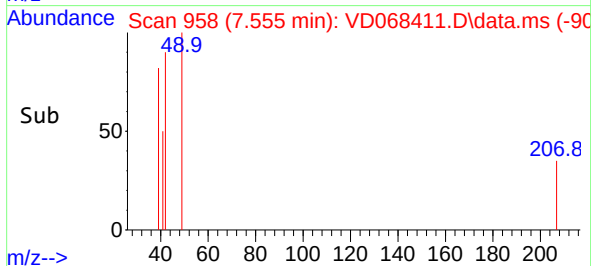
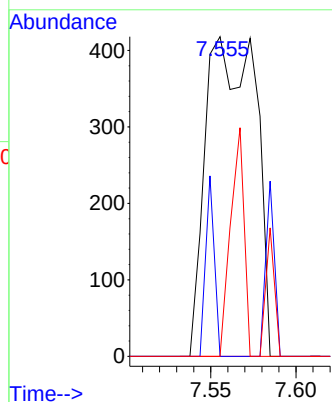
Lab File: VD068411.D

Acq: 22 Feb 2021 10:29

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	42	Resp:	849
Ion	Ratio	Lower	Upper
42	100		
72	9.8	43.4	65.0#
71	19.4	40.8	61.2#



#33

1,2-Dichloroethane-d4

Concen: 50.96 ug/l

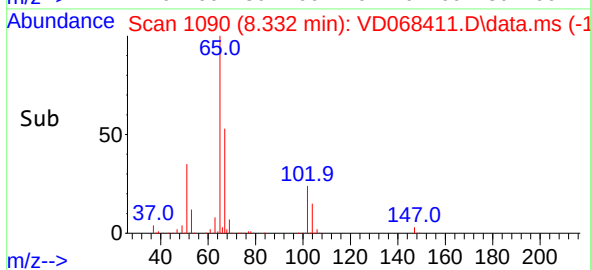
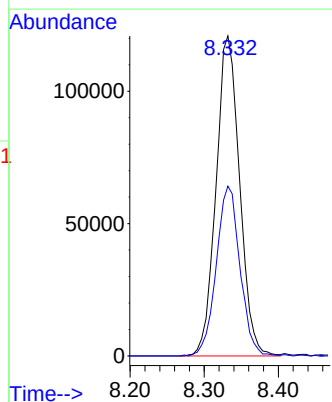
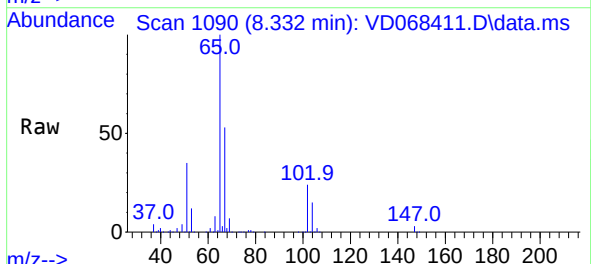
RT: 8.332 min Scan# 1090

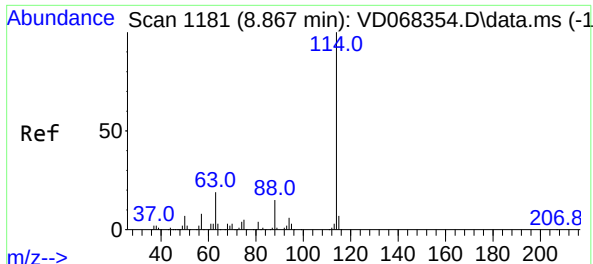
Delta R.T. -0.000 min

Lab File: VD068411.D

Acq: 22 Feb 2021 10:29

Tgt Ion:	65	Resp:	266982
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	105.0



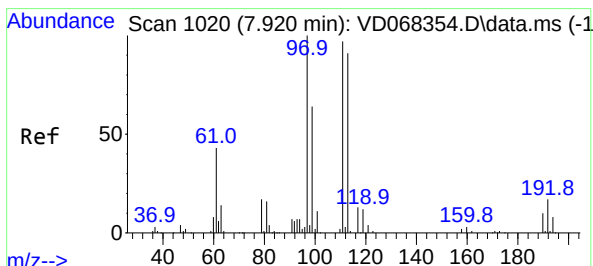
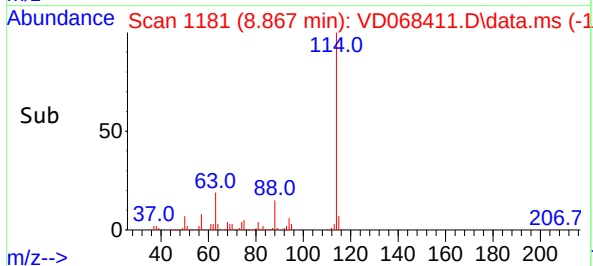
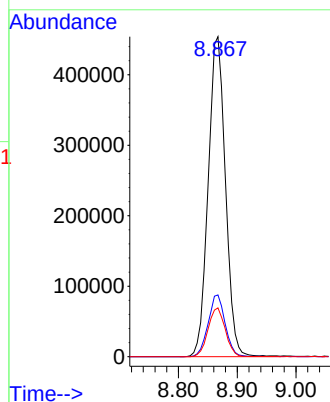
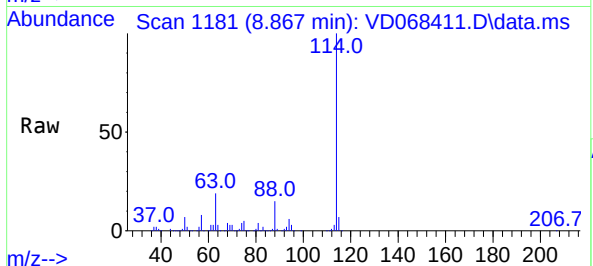


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Instrument :
MSVOA_D
ClientSampleId :

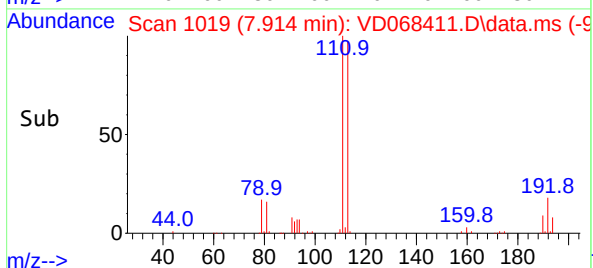
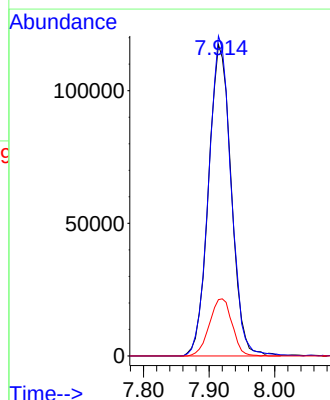
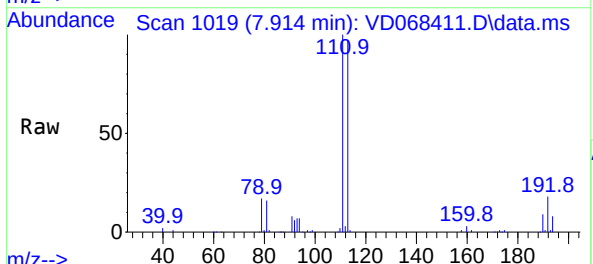
Tgt Ion:	114	Resp:	924883
Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	34.8
88	15.2	0.0	31.6

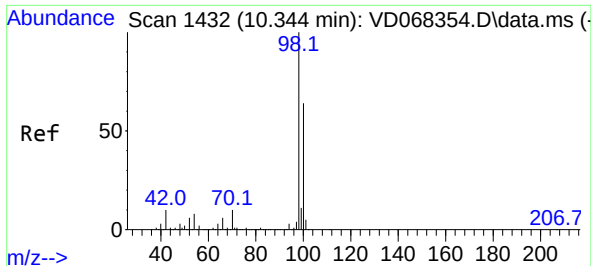


#35

Dibromofluoromethane
Concen: 51.43 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Tgt Ion:	113	Resp:	282349
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	18.4	16.1	24.1

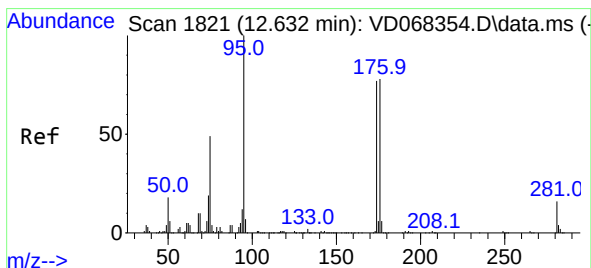
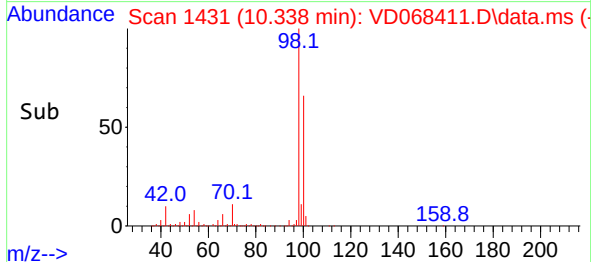
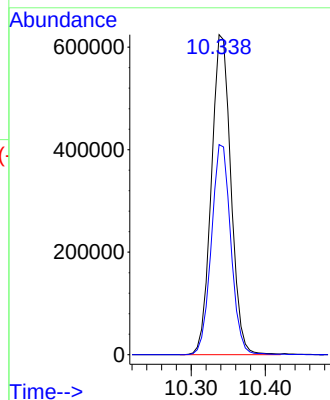
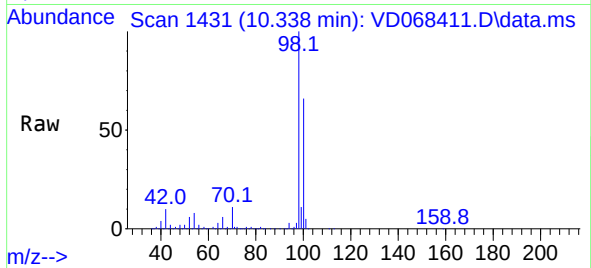




#50
Toluene-d8
Concen: 50.23 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

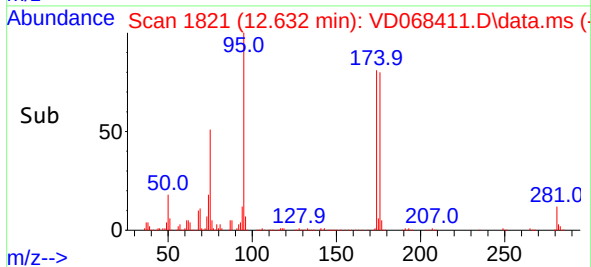
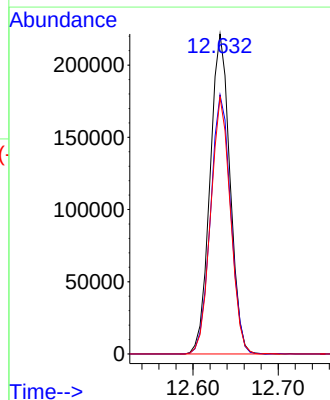
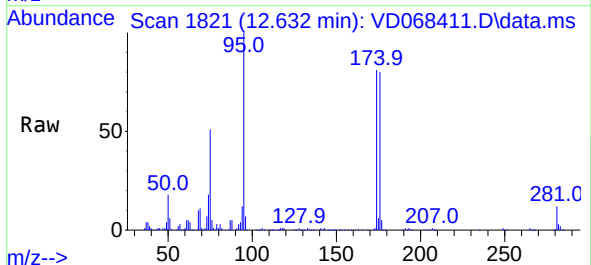
Instrument :
MSVOA_D
ClientSampled :

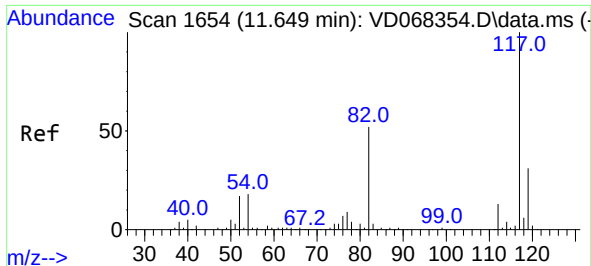
Tgt Ion: 98 Resp: 1142930
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Tgt Ion: 95 Resp: 361169
Ion Ratio Lower Upper
95 100
174 81.8 0.0 172.4
176 79.2 0.0 168.4

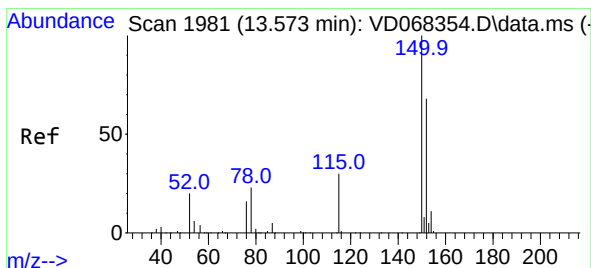
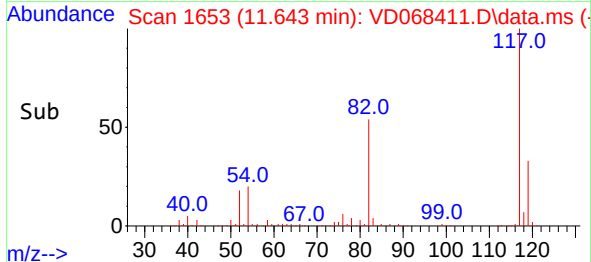
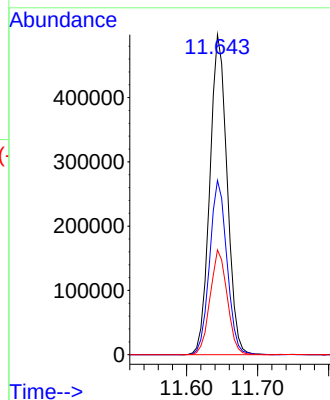
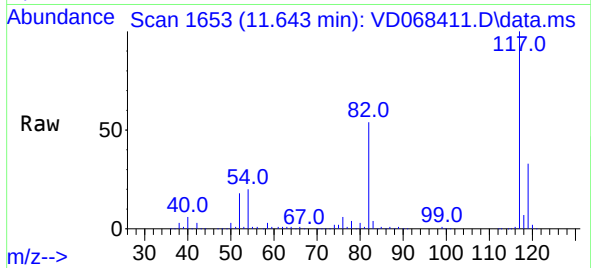




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

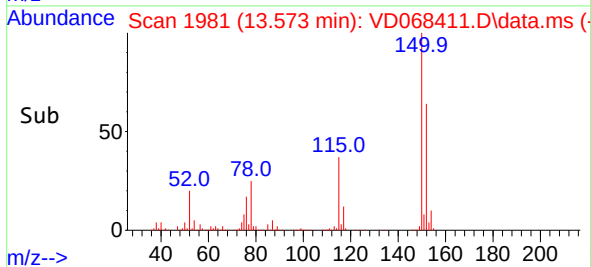
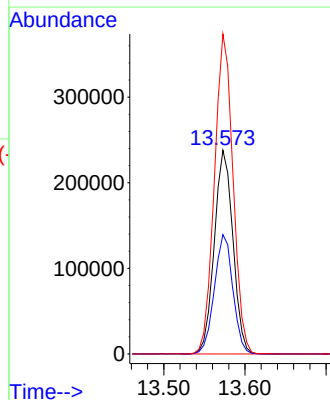
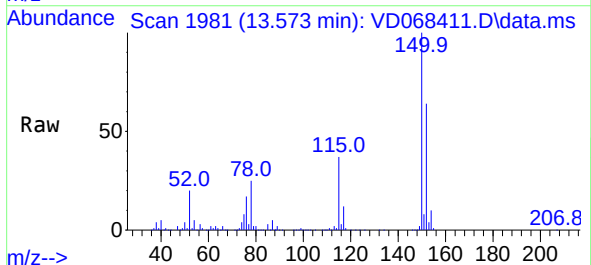
Instrument :
MSVOA_D
ClientSampleId :

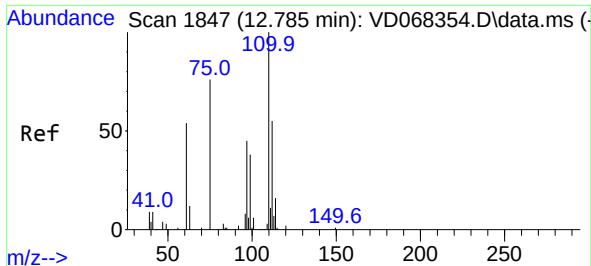
Tgt Ion:117 Resp: 841492
Ion Ratio Lower Upper
117 100
82 54.5 41.4 62.0
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Tgt Ion:152 Resp: 379781
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 157.0 0.0 344.4

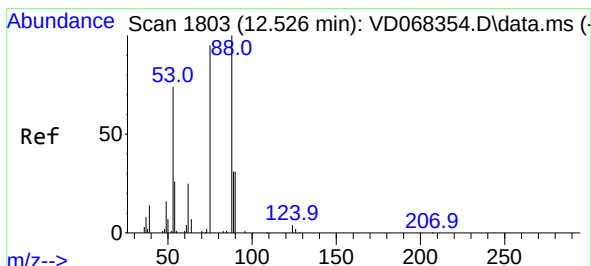
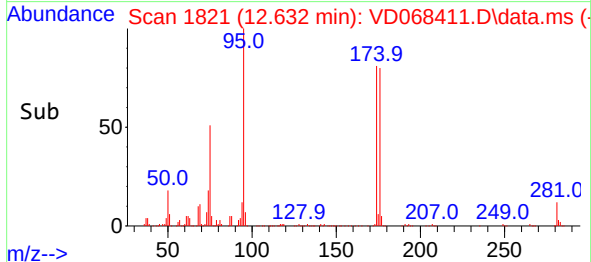
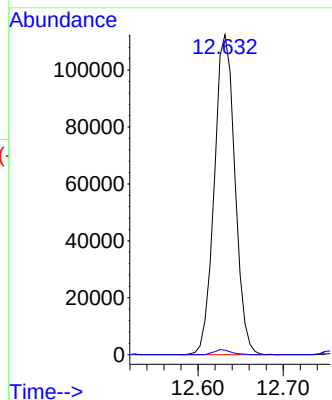
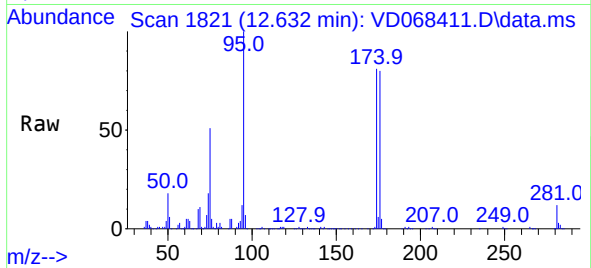




#76
1,2,3-Trichloropropane
Concen: 52.31 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 189029
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.11 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068411.D
Acq: 22 Feb 2021 10:29

Tgt Ion: 75 Resp: 189029
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.3 40.3 60.5#

