

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102918\
 Data File : VD060238.D
 Acq On : 29 Oct 2018 19:30
 Operator : VA/AP
 Sample : J5194-09
 Misc : 5.94g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 HR-05-102618-B

Quant Time: Oct 30 01:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1480193	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2056883	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.29	117	1403847	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	431167	50.00	ug/l	0.01

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.79	65	652834	58.18	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	116.36%	
35) Dibromofluoromethane	6.33	113	854299	54.69	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	109.38%	
50) Toluene-d8	9.47	98	2132968	47.89	ug/l	0.03
Spiked Amount				50.000		
			Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.43	95	590382	35.40	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	70.80%	

Target Compounds

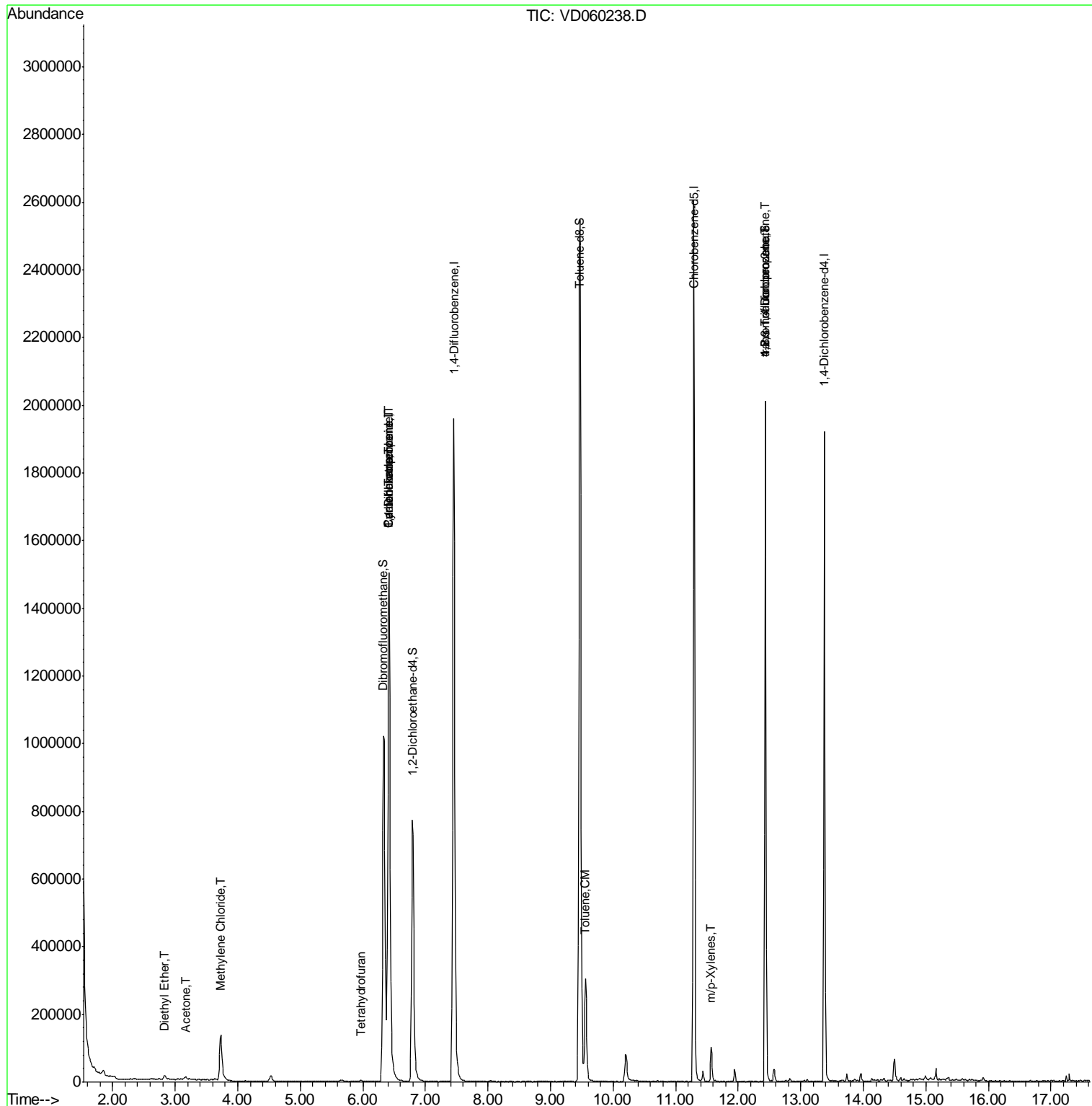
					Qvalue	
8) Diethyl Ether	2.84	74	4334	1.713	ug/l	88
16) Acetone	3.17	43	15647	7.685	ug/l	99
20) Methylene Chloride	3.73	84	86396	1.193	ug/l	98
29) Tetrahydrofuran	5.97	42	3078	1.042	ug/l #	68
31) Cyclohexane	6.42	56	27529	1.133	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	101565	5.167	ug/l #	47
38) Carbon Tetrachloride	6.42	117	114604	6.424	ug/l #	15
52) Toluene	9.56	92	151923	4.587	ug/l	100
68) m/p-Xylenes	11.57	106	30568	1.663	ug/l	81
76) 1,2,3-Trichloropropane	12.43	75	236669	38.115	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	235906	135.210	ug/l #	13

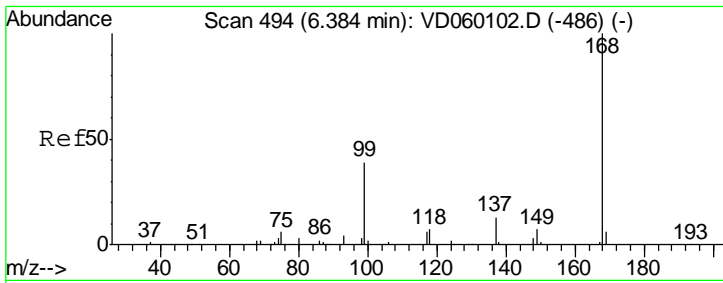
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 QLast Update : Tue Oct 02 06:56:35 2018
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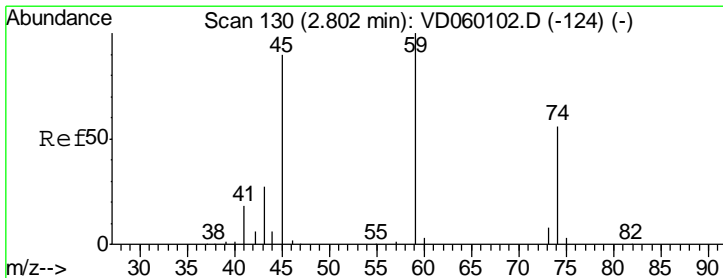
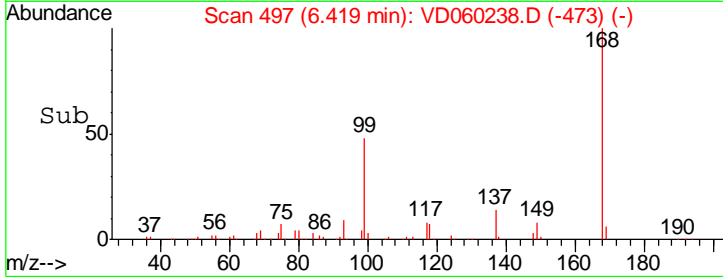
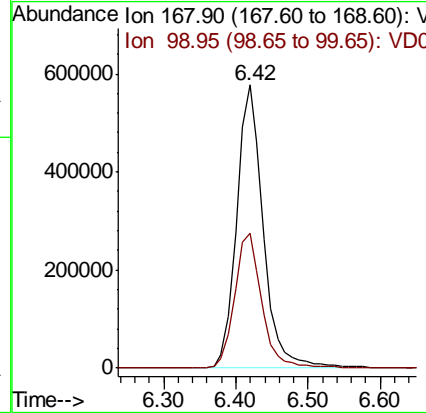
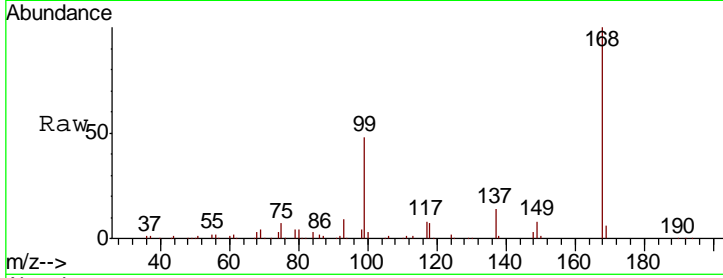




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 6.42 min Scan# 497
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

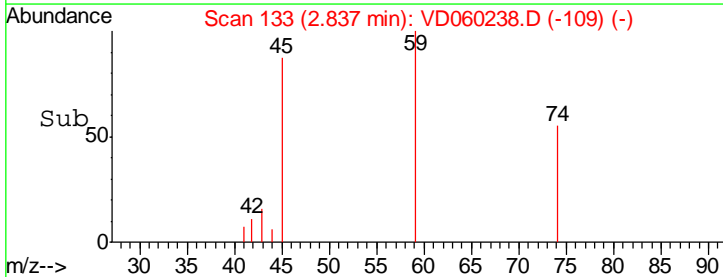
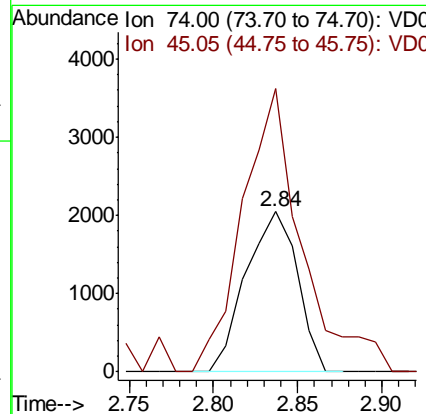
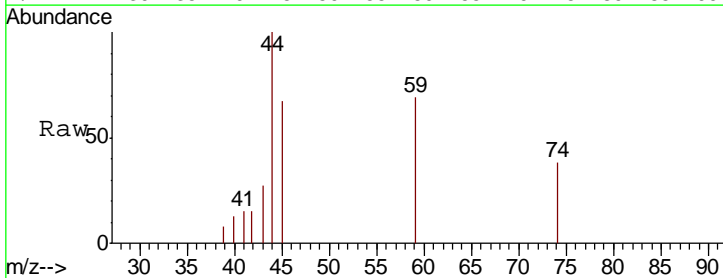
Instrument :
 MSVOA_D
 ClientSampled :
 HR-05-102618-B

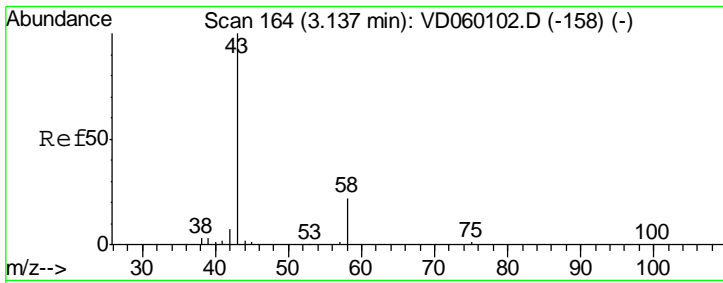
Tgt Ion: 168 Resp: 1480193
 Ion Ratio Lower Upper
 168 100
 99 47.6 35.4 53.0



#8
 Diethyl Ether
 Concen: 1.713 ug/l
 RT: 2.84 min Scan# 133
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion: 74 Resp: 4334
 Ion Ratio Lower Upper
 74 100
 45 176.6 80.3 241.0

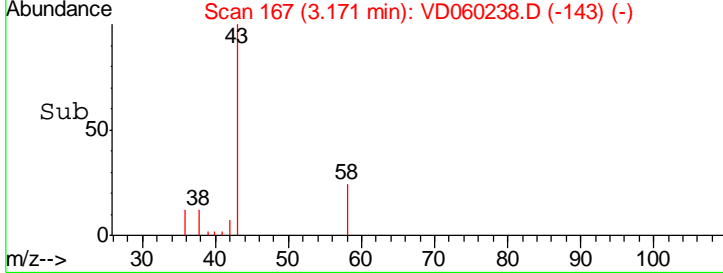
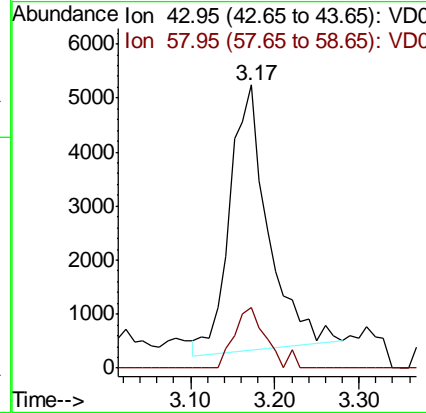
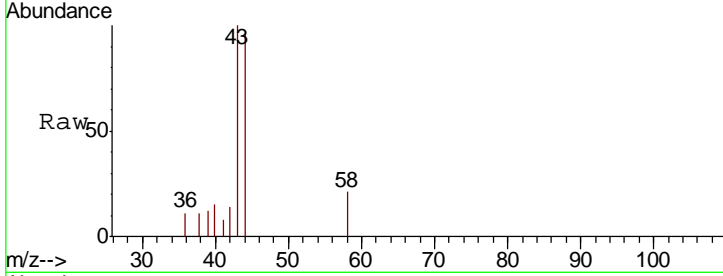




#16
 Acetone
 Concen: 7.685 ug/l
 RT: 3.17 min Scan# 167
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

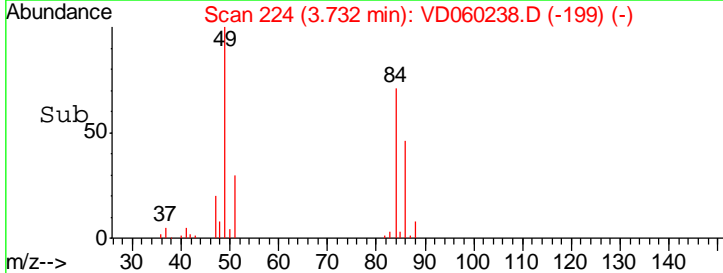
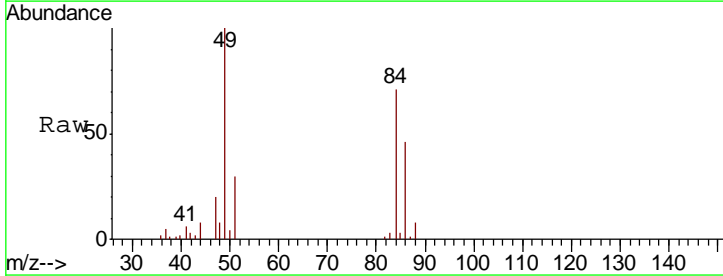
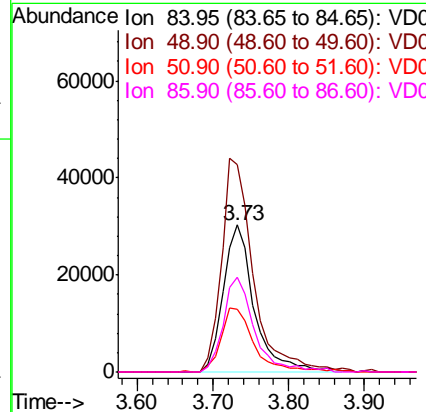
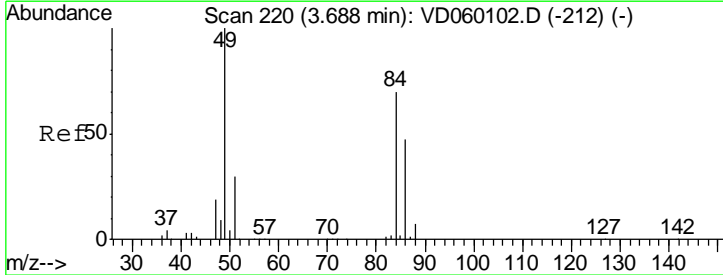
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 ClientSampleId :
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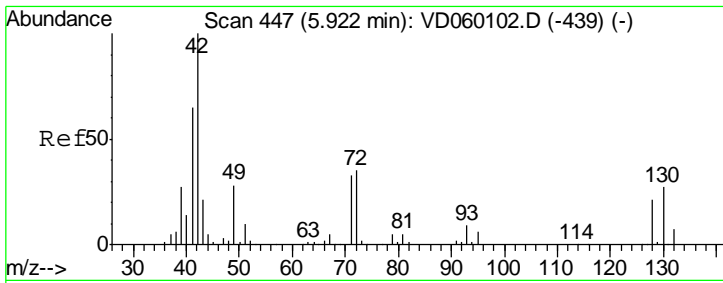
Tgt Ion	Resp	Lower	Upper
43	15647		
58	21.4	17.7	26.5



#20
 Methylene Chloride
 Concen: 1.193 ug/l
 RT: 3.73 min Scan# 224
 Delta R.T. 0.05 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion	Resp	Lower	Upper
84	86396		
49	141.0	114.6	172.0
51	42.5	33.8	50.8
86	64.4	53.3	79.9

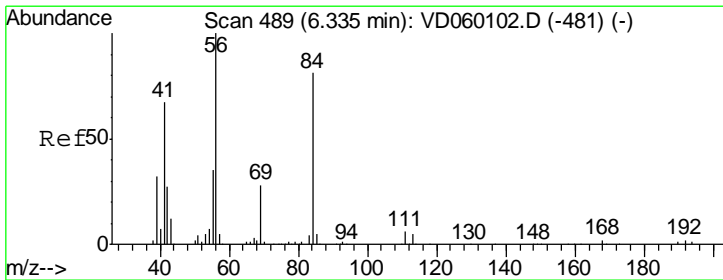
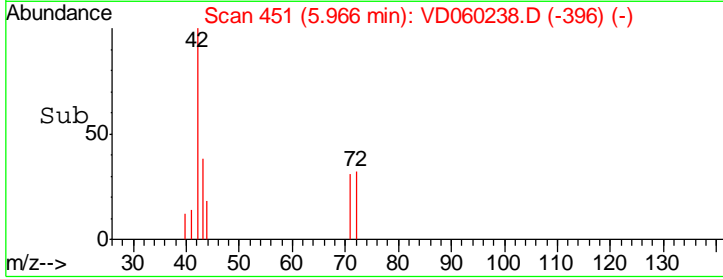
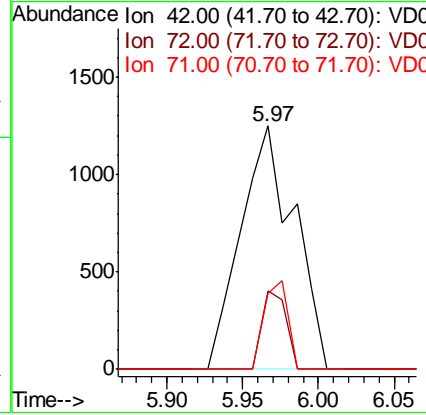
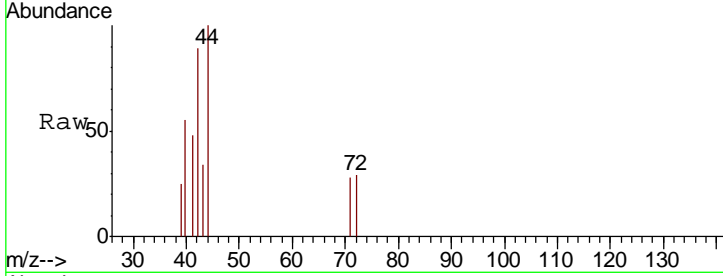




#29
 Tetrahydrofuran
 Concen: 1.042 ug/l
 RT: 5.97 min Scan# 451
 Delta R.T. 0.04 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

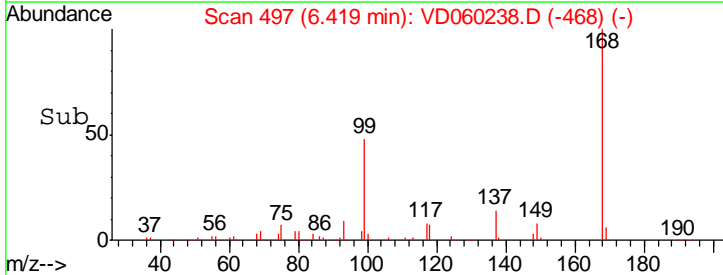
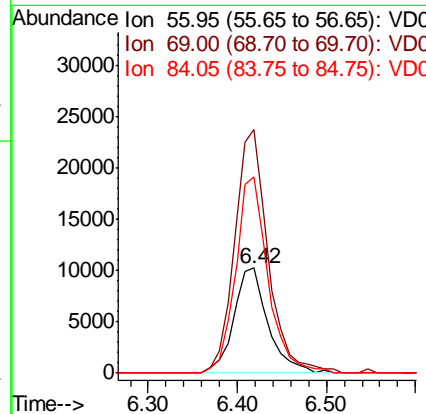
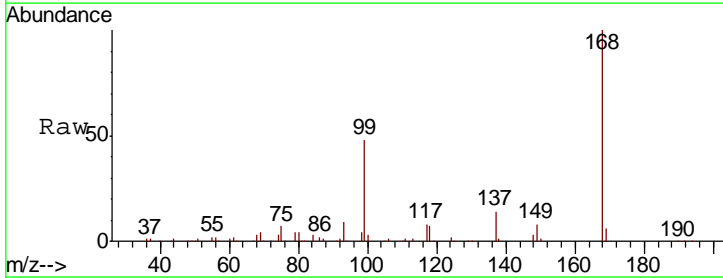
Instrument :
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 ClientSampleId :
 HR-05-102618-B

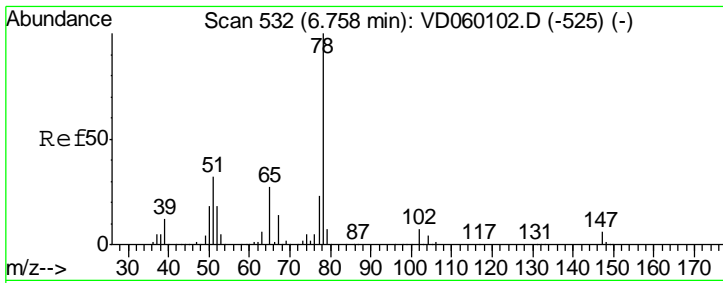
Tgt Ion	Resp	Lower	Upper
42	3078		
72	14.5	26.9	40.3#
71	16.1	26.7	40.1#



#31
 Cyclohexane
 Concen: 1.133 ug/l
 RT: 6.42 min Scan# 497
 Delta R.T. 0.08 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion	Resp	Lower	Upper
56	27529		
69	232.2	22.8	34.2#
84	187.6	64.9	97.3#

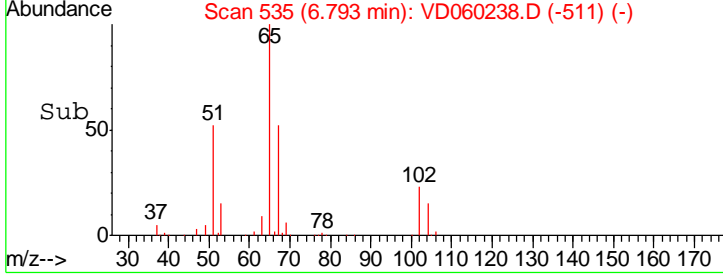
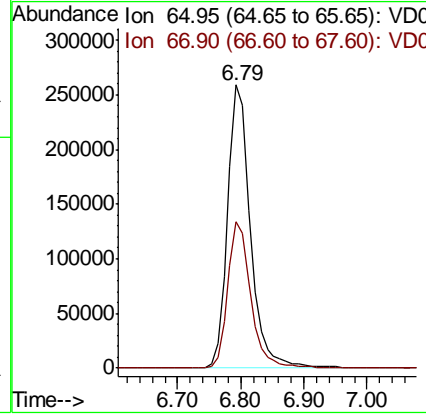
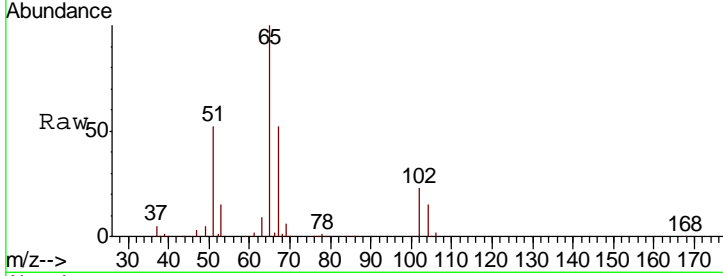




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.79 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

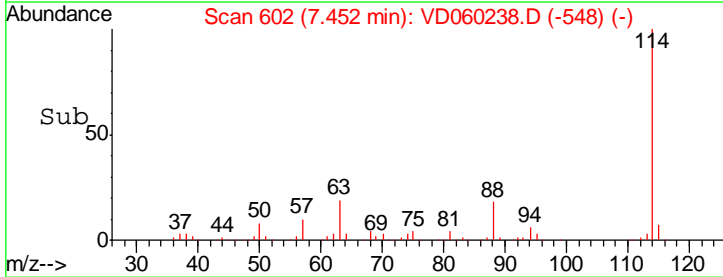
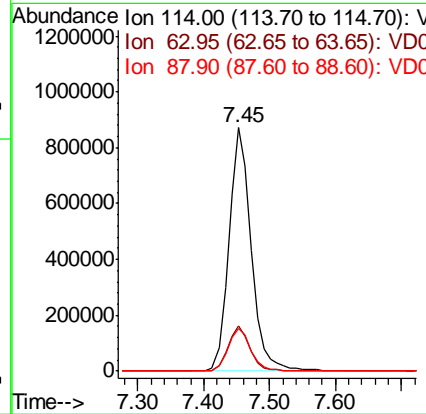
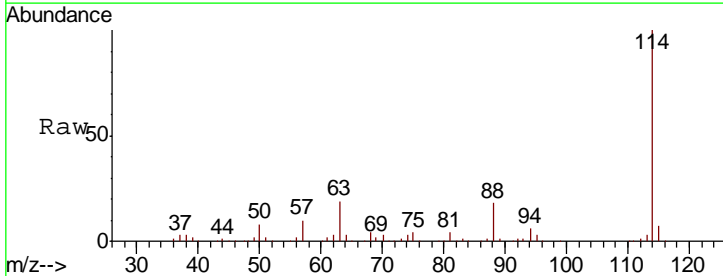
Instrument :
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 ClientSampleId :
 HR-05-102618-B

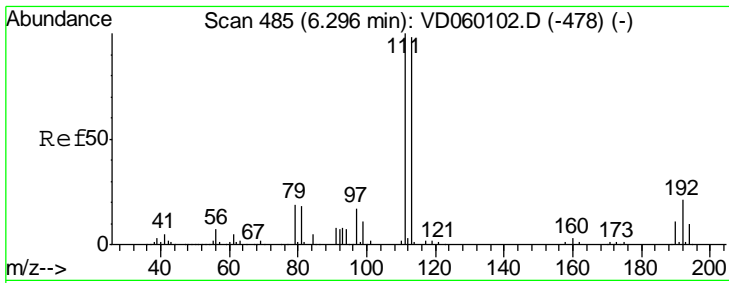
Tgt Ion	Resp	Lower	Upper
65	100		
67	51.6	0.0	106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion	Resp	Lower	Upper
114	100		
63	18.5	0.0	36.0
88	17.7	0.0	36.2

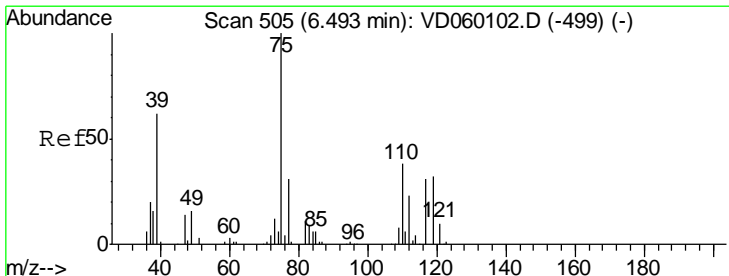
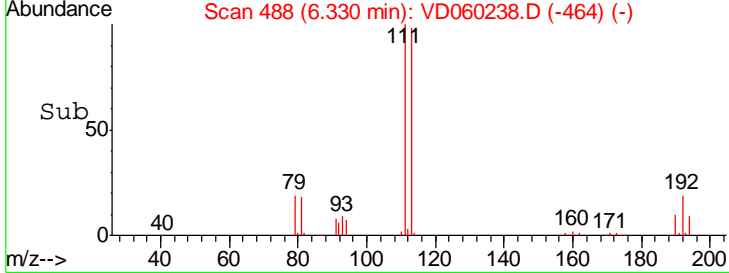
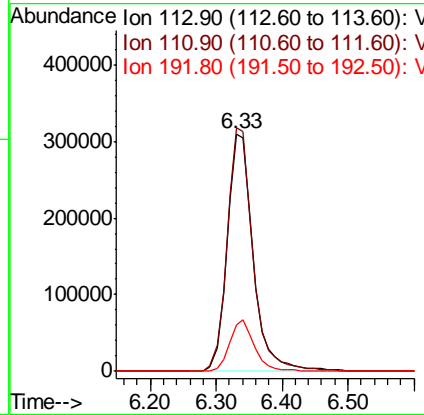
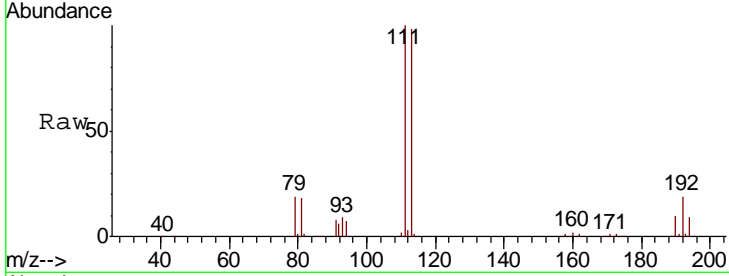




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

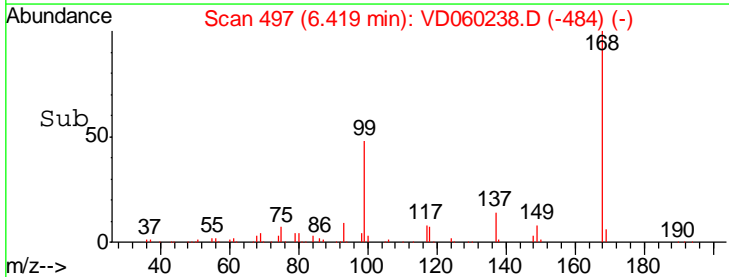
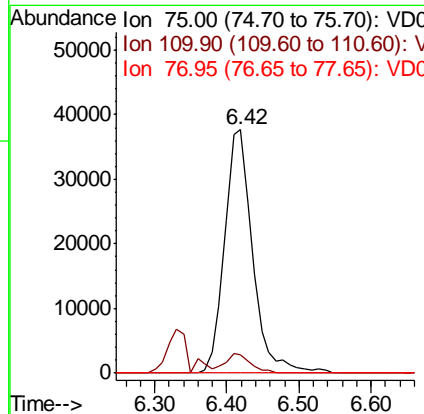
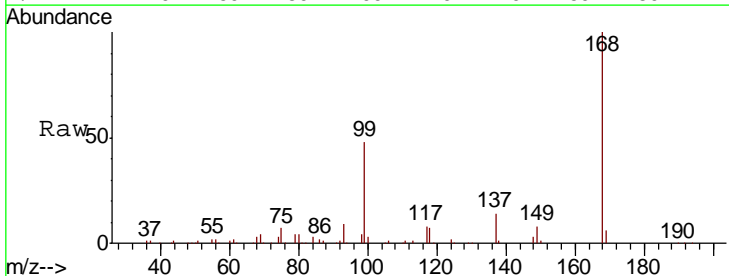
Instrument : MSVOA_D
 ClientSampled : HR-05-102618-B

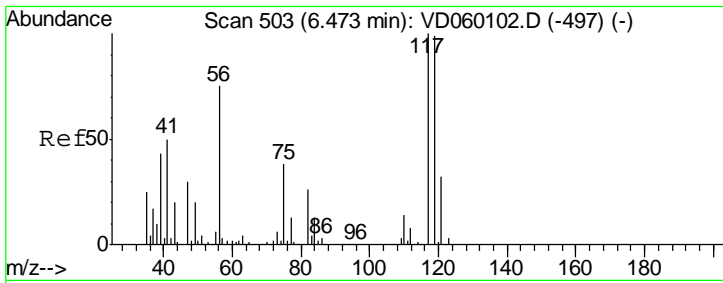
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	19.7	17.4	26.0



#36
 1,1-Dichloropropene
 Concen: 5.167 ug/l
 RT: 6.42 min Scan# 497
 Delta R.T. -0.07 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion	Resp	Lower	Upper
75	100		
110	7.3	19.0	57.0#
77	0.0	24.9	37.3#

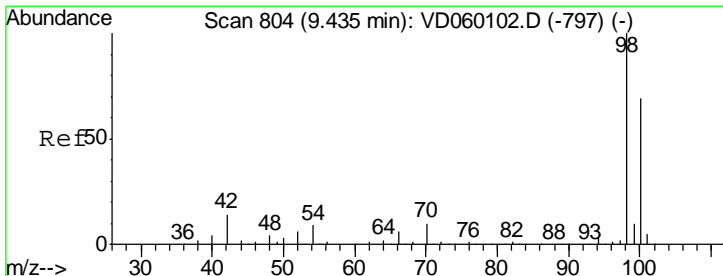
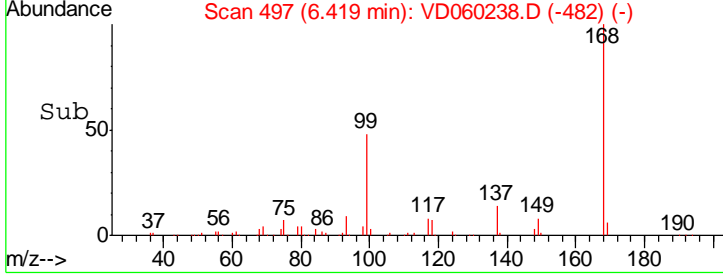
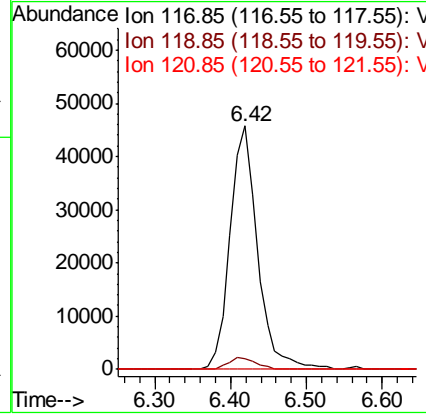
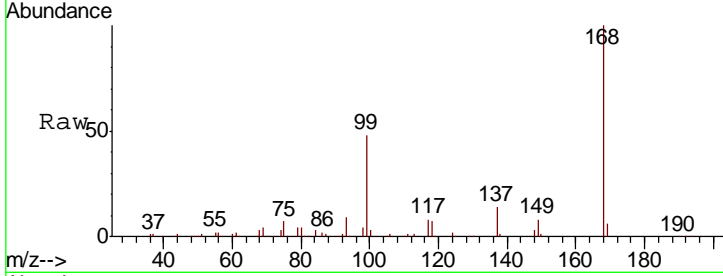




#38
 Carbon Tetrachloride
 Concen: 6.424 ug/l
 RT: 6.42 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

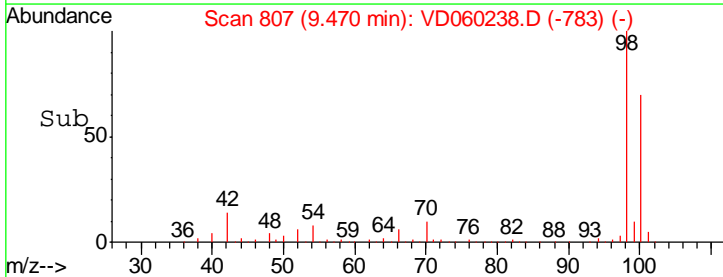
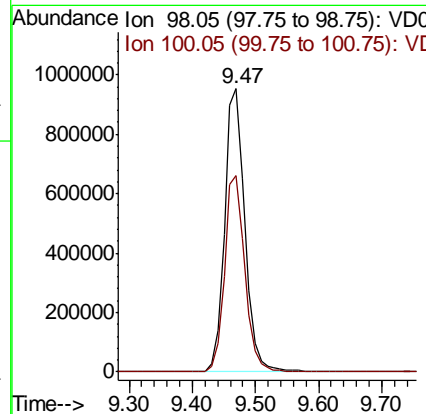
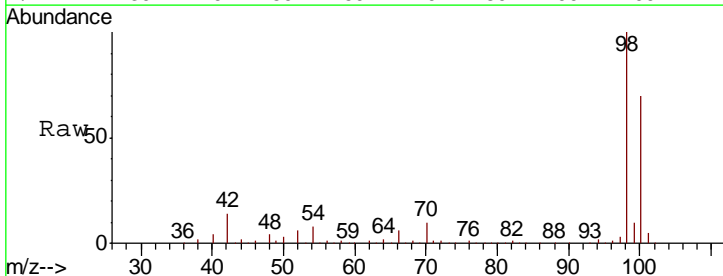
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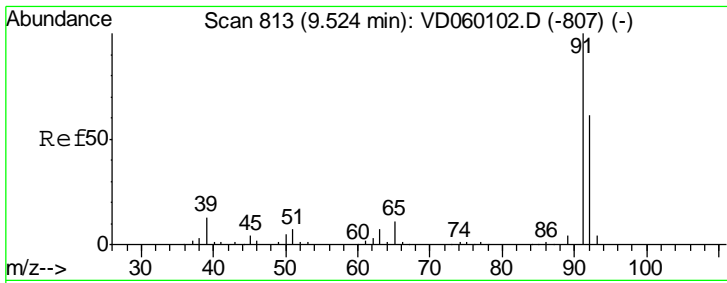
Tgt Ion	Resp	Lower	Upper
117	114604		
119	4.4	77.8	116.6#
121	0.0	24.8	37.2#



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.47 min Scan# 807
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion	Resp	Lower	Upper
98	2132968		
100	69.5	55.4	83.0

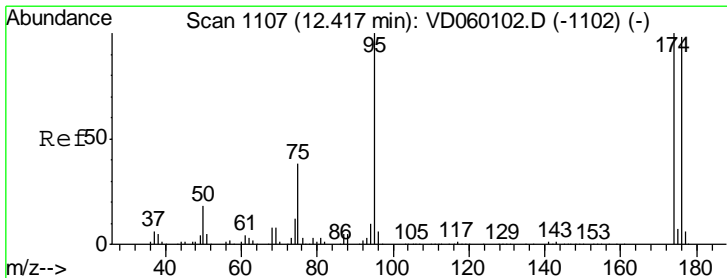
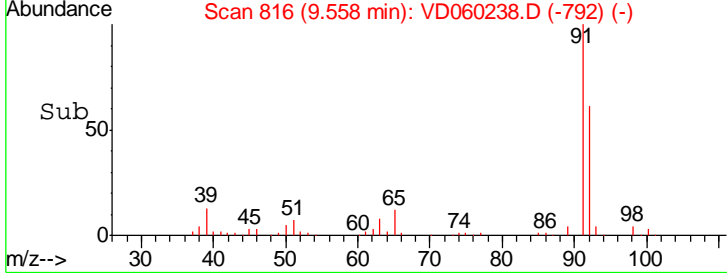
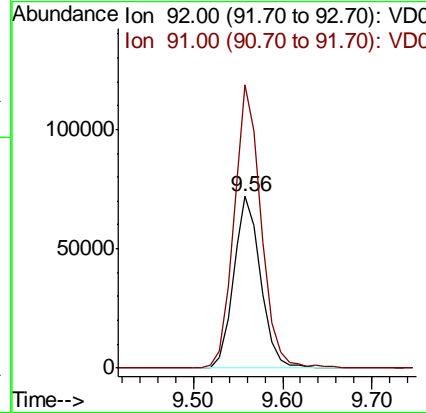
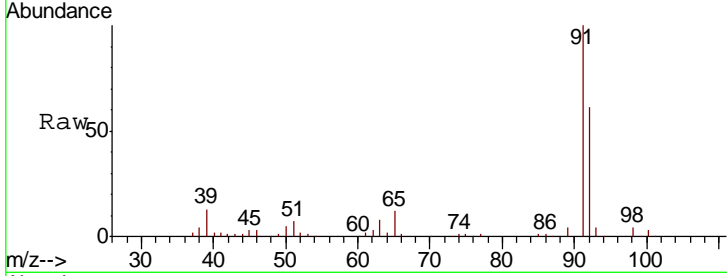




#52
 Toluene
 Concen: 4.587 ug/l
 RT: 9.56 min Scan# 816
 Delta R.T. 0.03 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

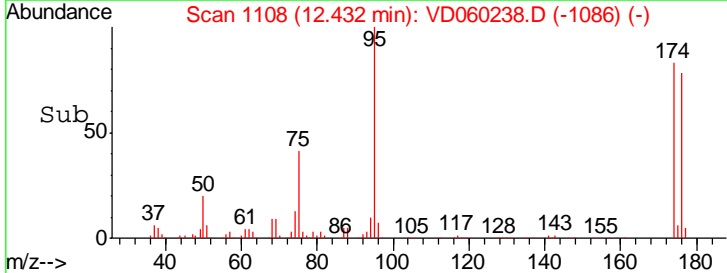
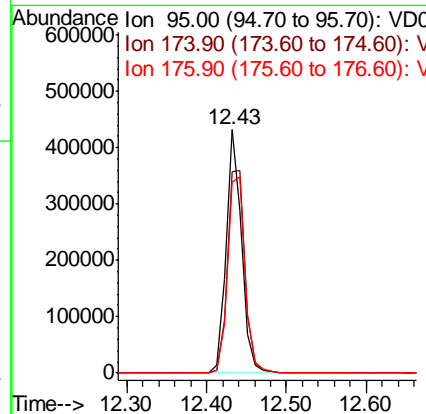
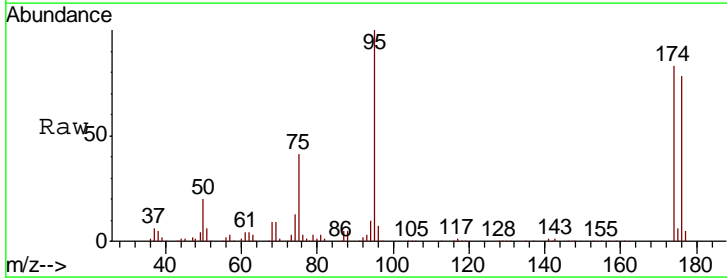
Instrument :
 MSVOA_D
 ClientSampleID :
 HR-05-102618-B

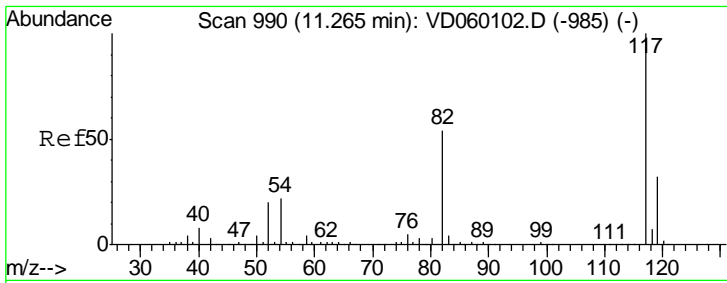
Tot Ion: 92 Resp: 151923
 Ion Ratio Lower Upper
 92 100
 91 165.1 131.9 197.9



#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.01 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion: 95 Resp: 590382
 Ion Ratio Lower Upper
 95 100
 174 82.9 0.0 200.2
 176 78.4 0.0 195.6



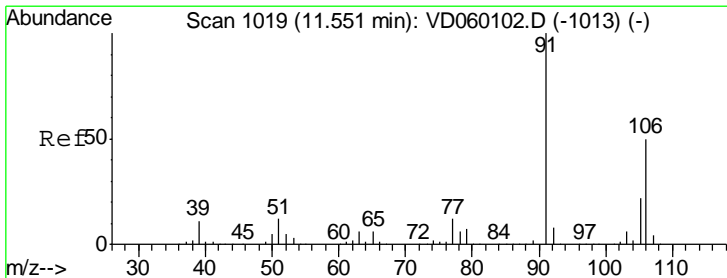
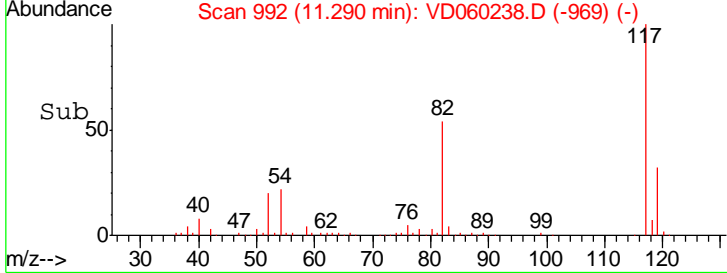
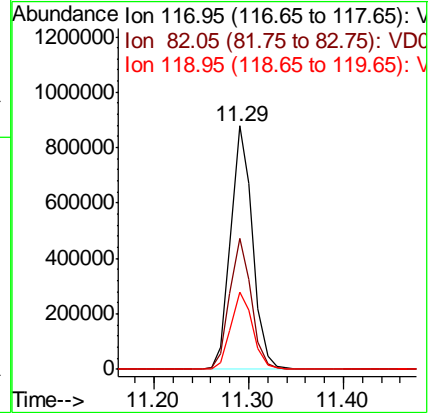
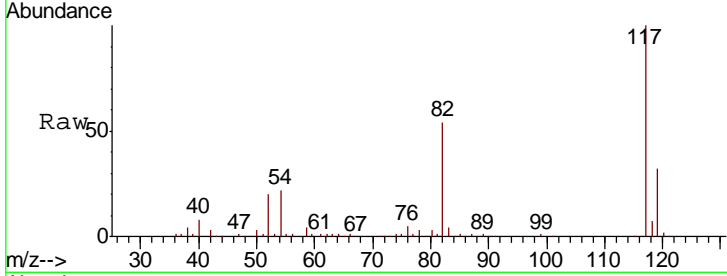


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.29 min Scan# 992
 Delta R.T. 0.02 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-102618-B

Tgt Ion:117 Resp: 1403847

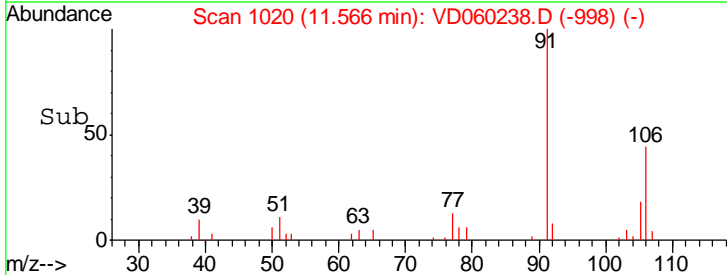
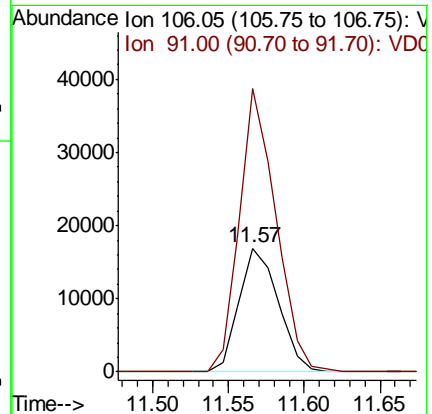
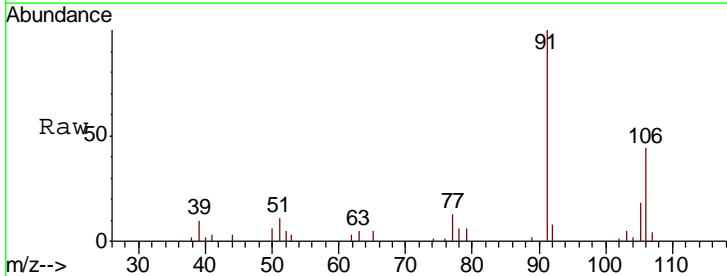
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.2
119	32.0	26.0	39.0

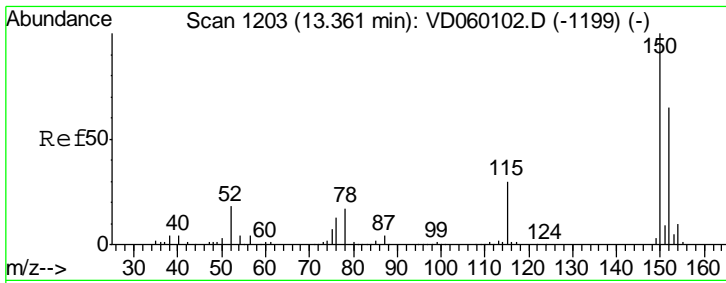


#68
 m/p-Xylenes
 Concen: 1.663 ug/l
 RT: 11.57 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion:106 Resp: 30568

Ion	Ratio	Lower	Upper
106	100		
91	229.1	160.0	240.0

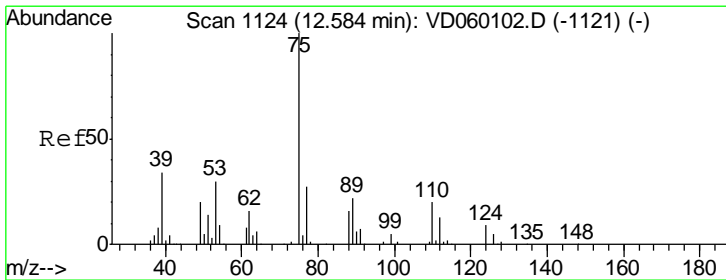
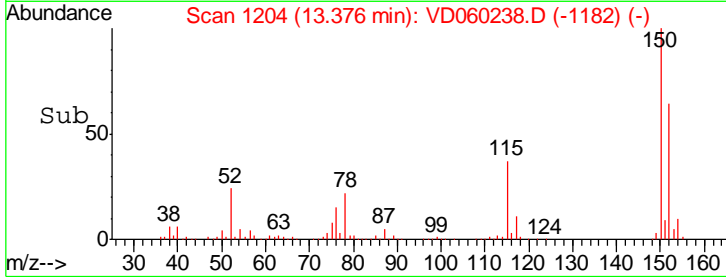
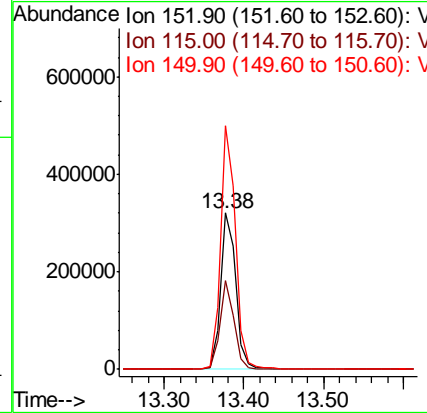
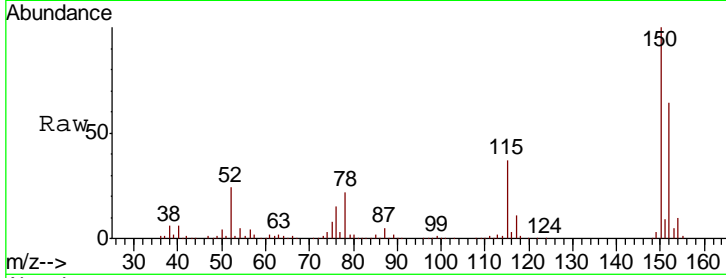




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

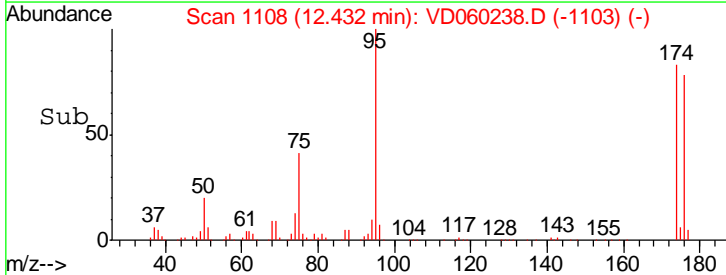
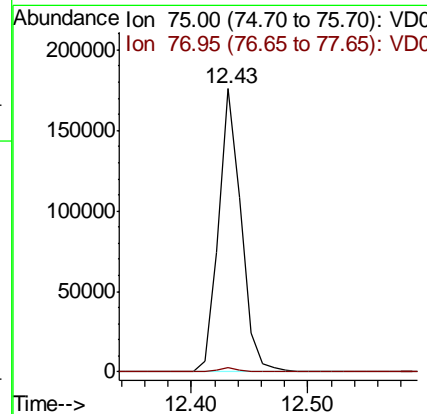
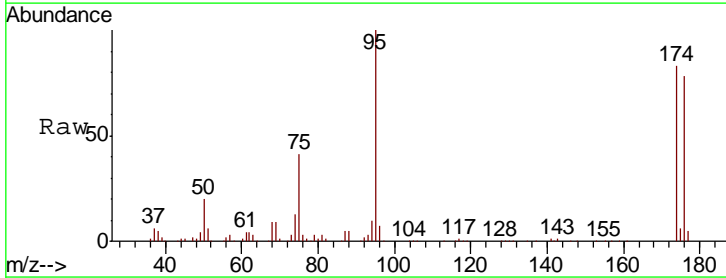
Instrument :
 MSVOA_D
 ClientSampled :
 HR-05-102618-B

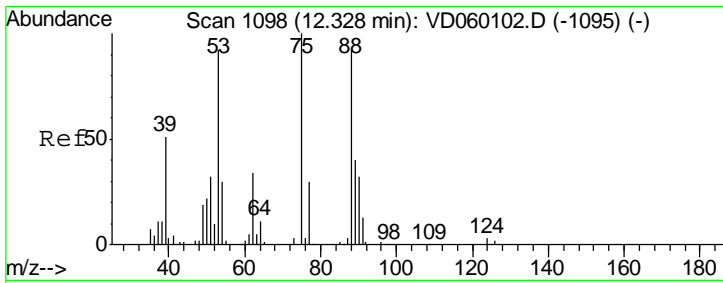
Tgt Ion	Resp	Lower	Upper
152	100		
115	56.8	27.1	81.2
150	155.6	0.0	311.8



#76
 1,2,3-Trichloropropane
 Concen: 38.115 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.15 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Tgt Ion	Resp	Lower	Upper
75	100		
77	1.5	16.3	48.9





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.210 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060238.D
 Acq: 29 Oct 2018 19:30

Instrument : MSVOA_D
 ClientSampleID : HR-05-102618-B

Tot Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.0	109.6#
89	0.0	32.0	48.0#

