

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059951.D
 Acq On : 4 Sep 2018 18:23
 Operator : JC/SY
 Sample : J4724-05
 Misc : 5.24g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 EP1-SUT-UST-04

Quant Time: Sep 05 03:54:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1132783	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1541174	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1219473	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	681739	50.00	ug/l	-0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.76	65	401437	42.05	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=		84.10%
35) Dibromofluoromethane	6.29	113	494208	40.90	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=		81.80%
50) Toluene-d8	9.43	98	1221611	36.43	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=		72.86%
62) 4-Bromofluorobenzene	12.41	95	523922	38.47	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=		76.94%

Target Compounds

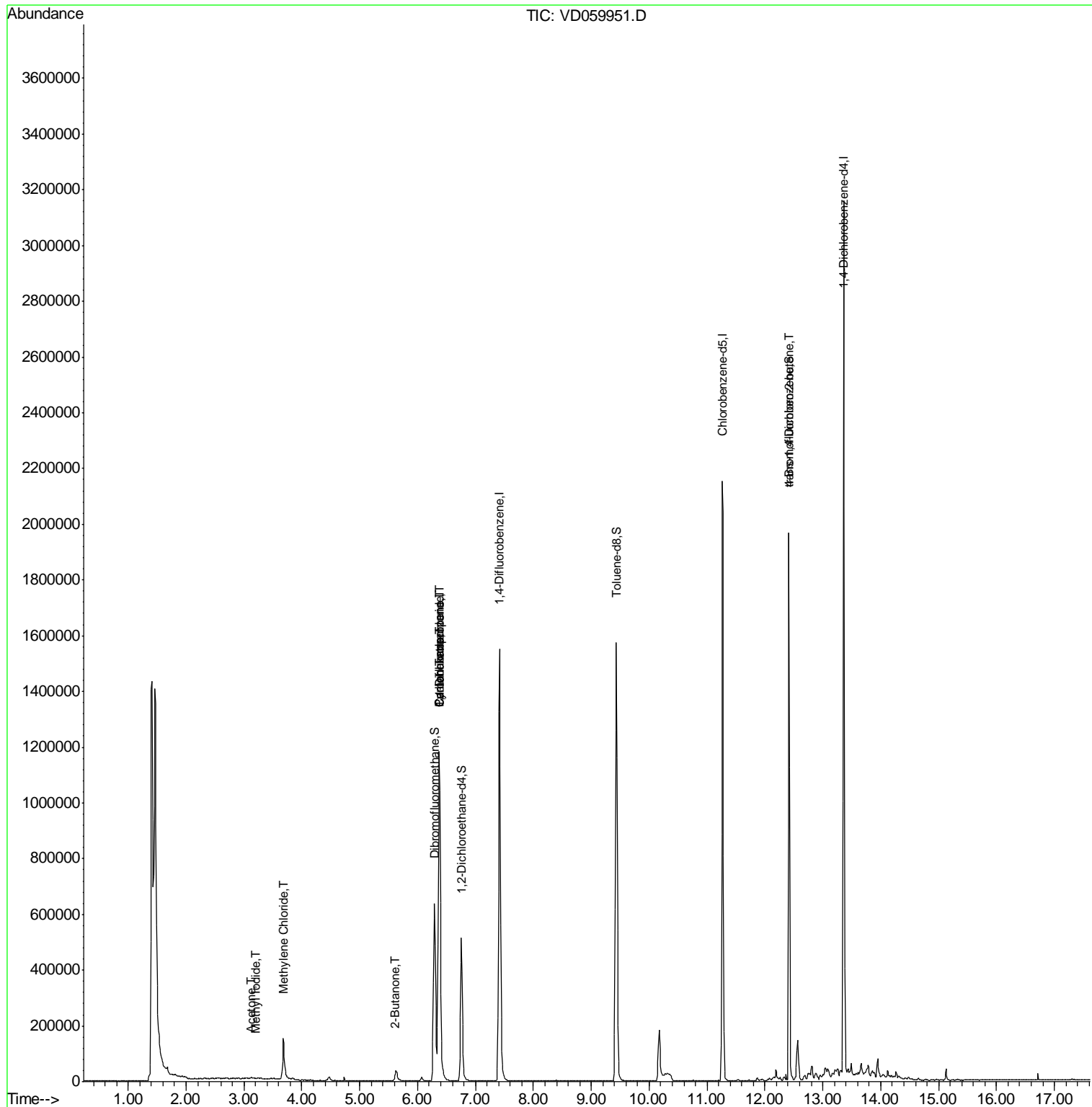
						Qvalue
10) Methyl Iodide	3.21	142	181	3.50	ug/l #	31
16) Acetone	3.12	43	12495	7.18	ug/l	96
20) Methylene Chloride	3.68	84	72513	2.73	ug/l	97
25) 2-Butanone	5.60	43	6539	1.27	ug/l #	63
31) Cyclohexane	6.37	56	21660	1.19	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	83365	5.97	ug/l #	46
38) Carbon Tetrachloride	6.37	117	91574	6.50	ug/l #	15
81) trans-1,4-Dichloro-2-buten	12.41	75	218915	66.42	ug/l #	12
89) n-Butylbenzene	13.64	91	1146	Below Cal	#	29

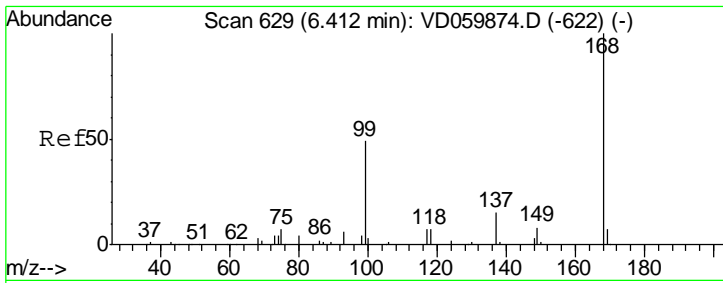
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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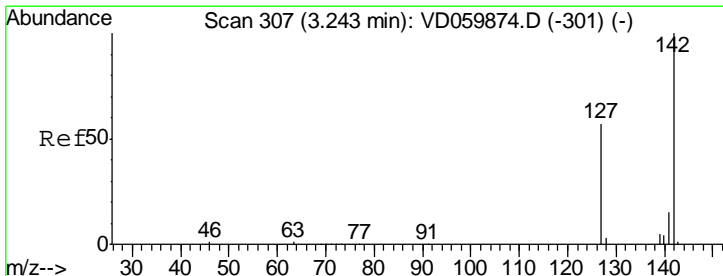
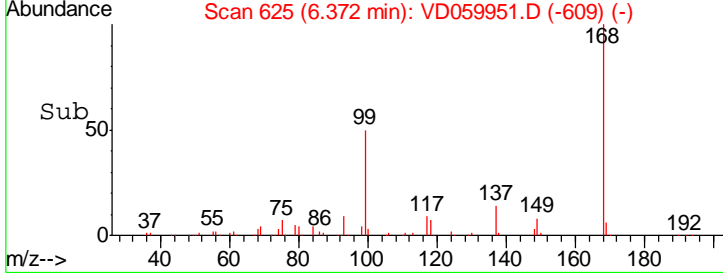
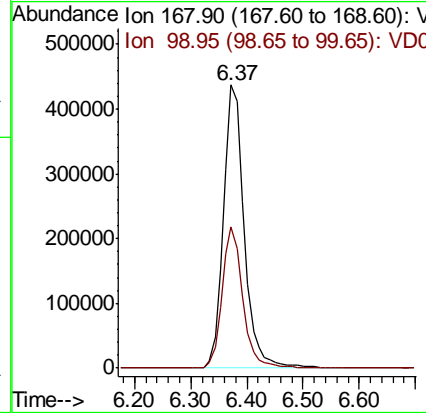
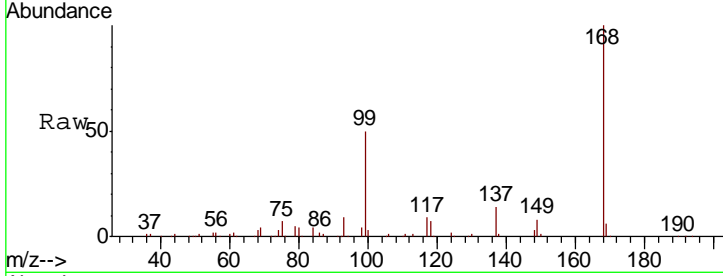


#1
 Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.37 min Scan# 625
 Delta R.T. -0.04 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Instrument : MSVOA_D
 ClientSampleId : EP1-SUT-UST-04

Tgt Ion: 168 Resp: 1132783

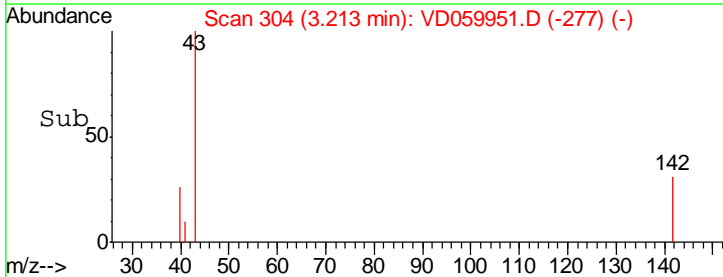
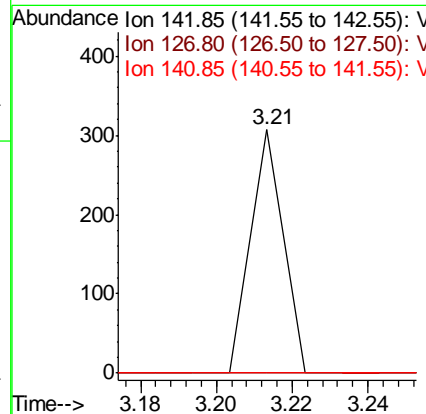
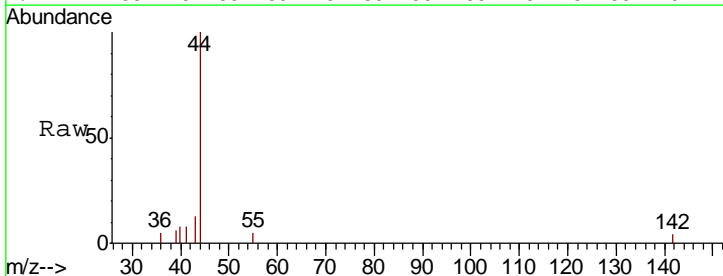
Ion	Ratio	Lower	Upper
168	100		
99	49.7	42.2	63.2

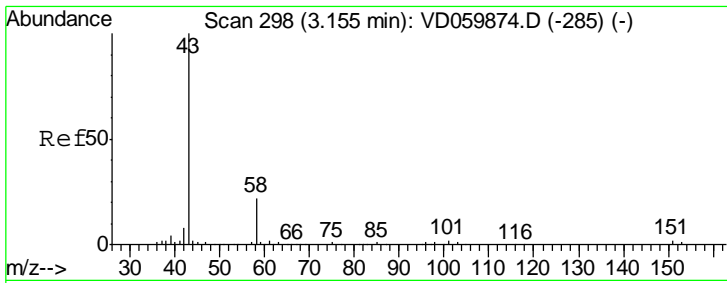


#10
 Methyl Iodide
 Concen: 3.50 ug/l
 RT: 3.21 min Scan# 304
 Delta R.T. -0.03 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion: 142 Resp: 181

Ion	Ratio	Lower	Upper
142	100		
127	0.0	45.8	68.6#
141	0.0	11.6	17.4#

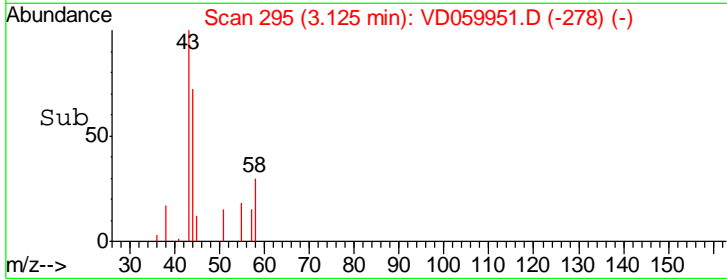
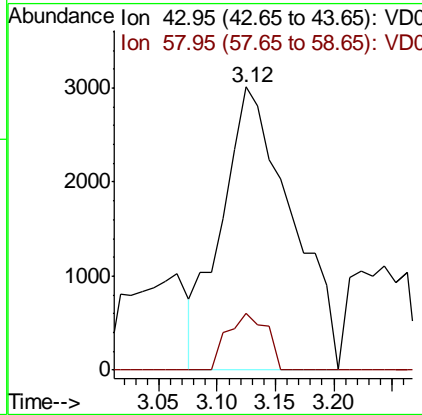
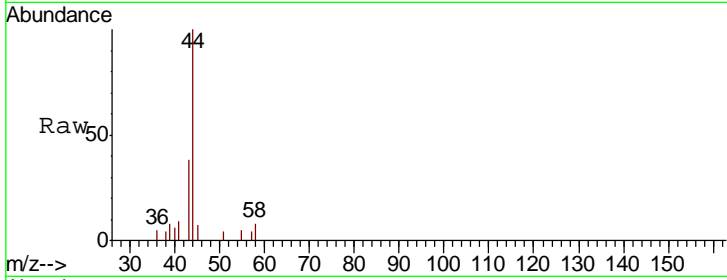




#16
 Acetone
 Concen: 7.18 ug/l
 RT: 3.12 min Scan# 295
 Delta R.T. -0.03 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

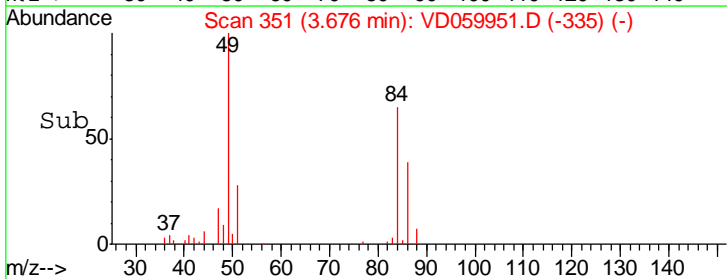
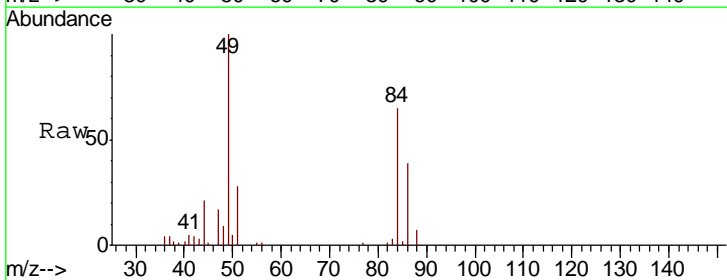
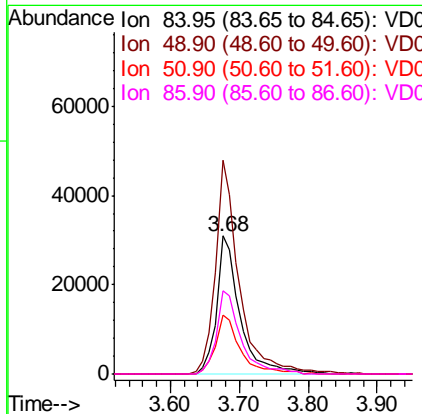
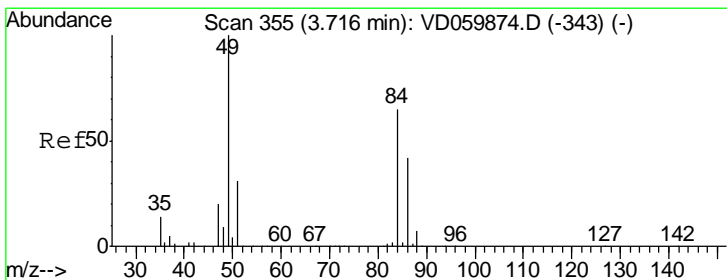
Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-04

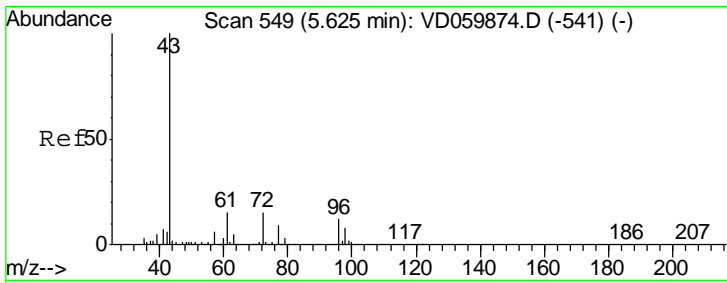
Tgt Ion	Resp	Lower	Upper
43	12495		
58	20.1	17.6	26.4



#20
 Methylene Chloride
 Concen: 2.73 ug/l
 RT: 3.68 min Scan# 351
 Delta R.T. -0.04 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
84	72513		
49	154.6	122.6	183.8
51	42.9	38.4	57.6
86	60.3	51.5	77.3

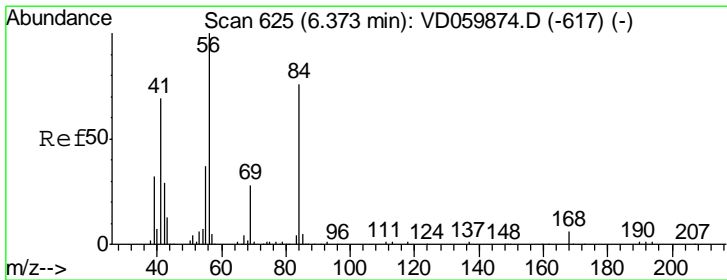
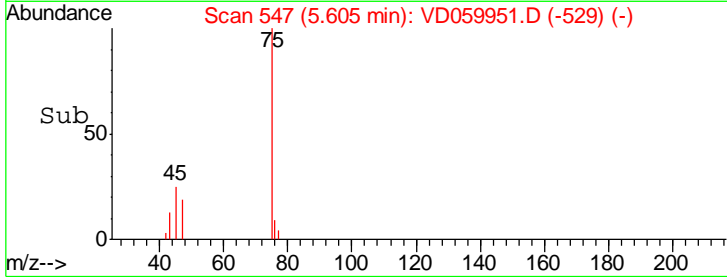
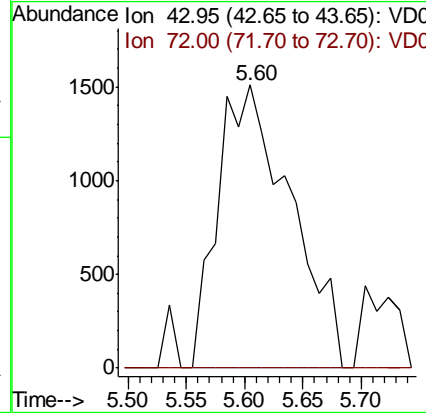
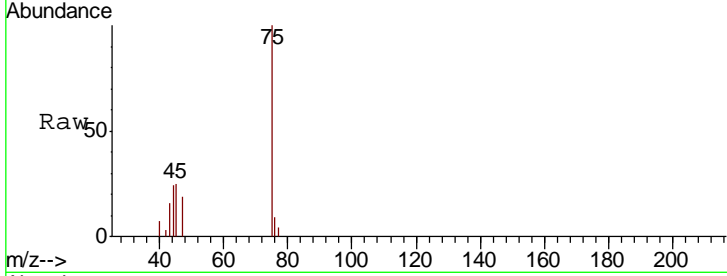




#25
 2-Butanone
 Concen: 1.27 ug/l
 RT: 5.60 min Scan# 547
 Delta R.T. -0.02 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

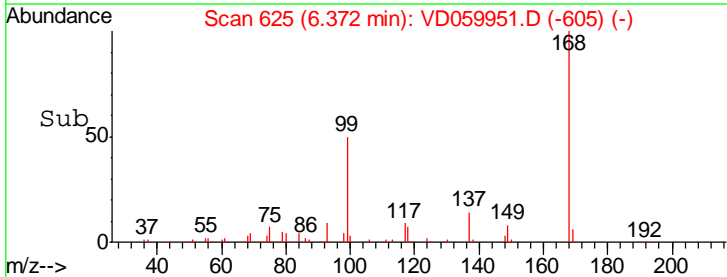
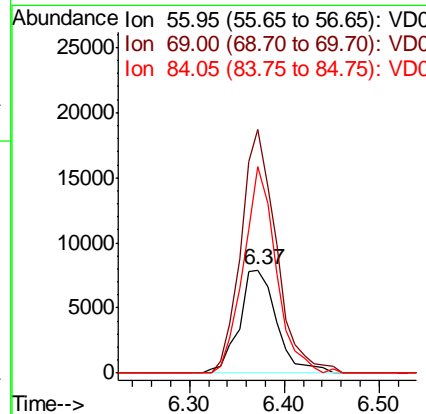
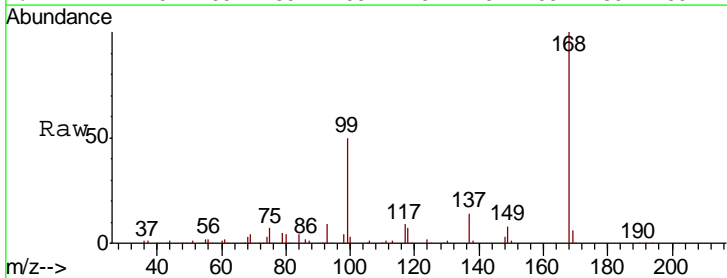
Instrument :
 MSVOA_D
 ClientSampled :
 EP1-SUT-UST-04

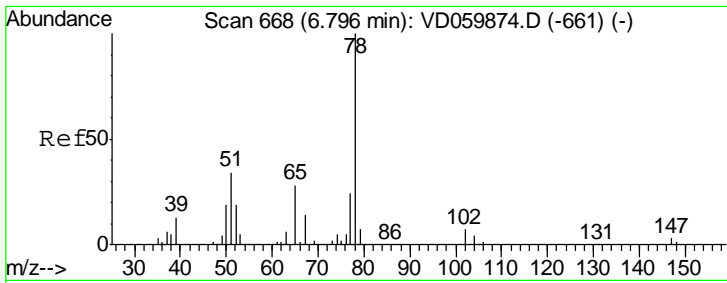
Tgt Ion	Resp	Lower	Upper
43	100		
72	0.0	12.3	18.5#



#31
 Cyclohexane
 Concen: 1.19 ug/l
 RT: 6.37 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
56	100		
69	235.4	22.4	33.6#
84	199.1	62.1	93.1#

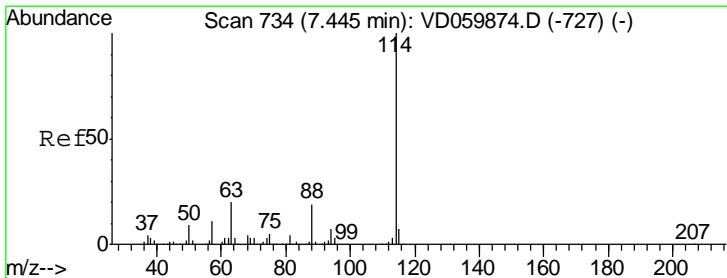
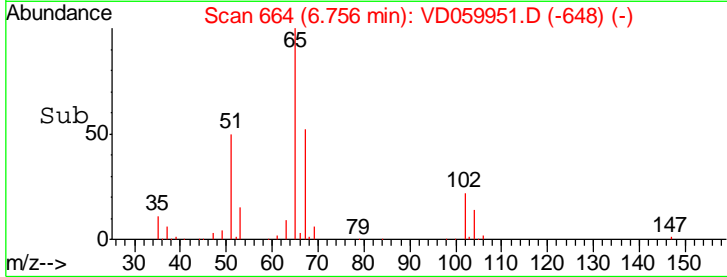
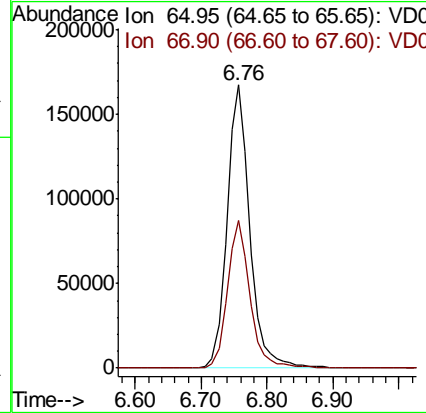
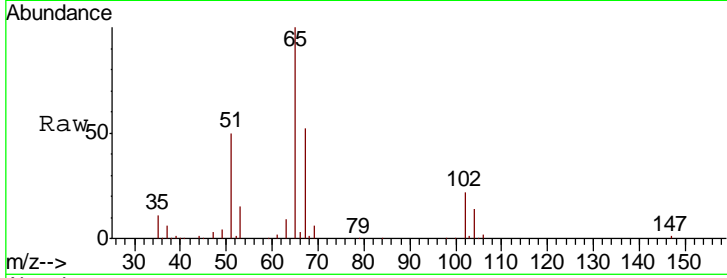




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

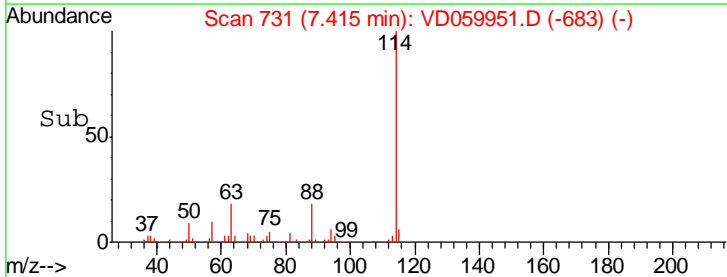
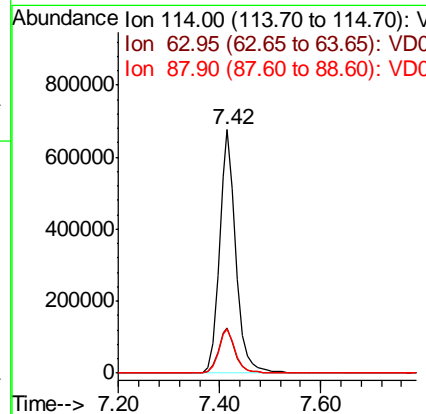
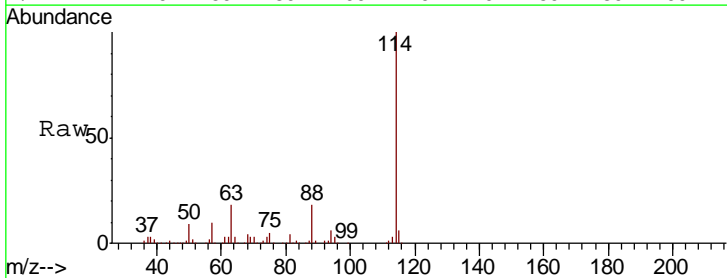
Instrument :
 MSVOA_D
 ClientSampled :
 EP1-SUT-UST-04

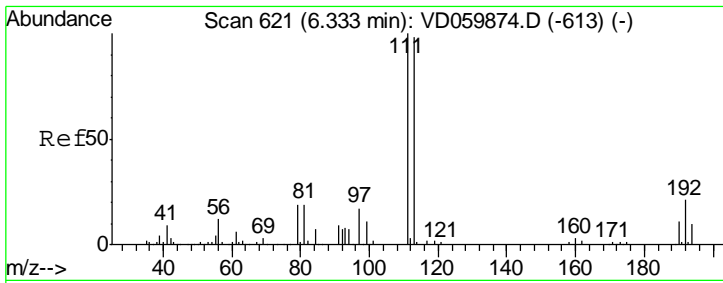
Tgt Ion	Resp	Lower	Upper
65	100		
67	52.3	0.0	103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
114	100		
63	18.4	0.0	39.4
88	18.2	0.0	37.6

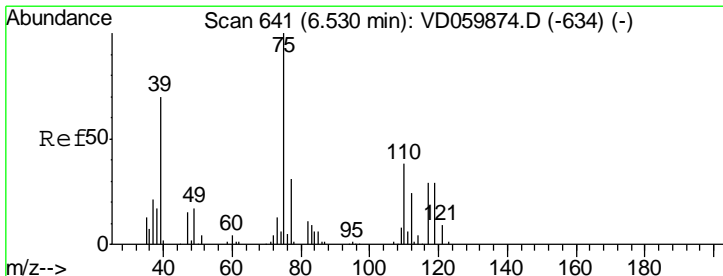
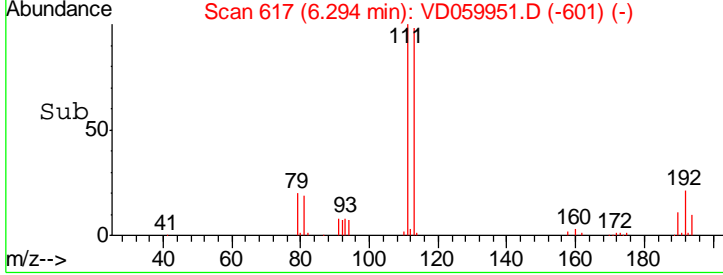
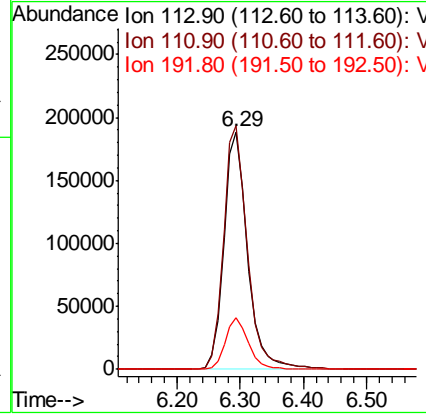
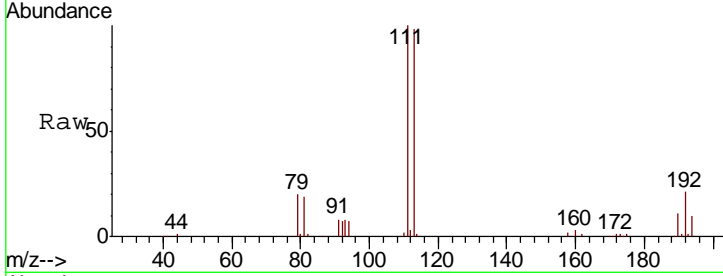




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

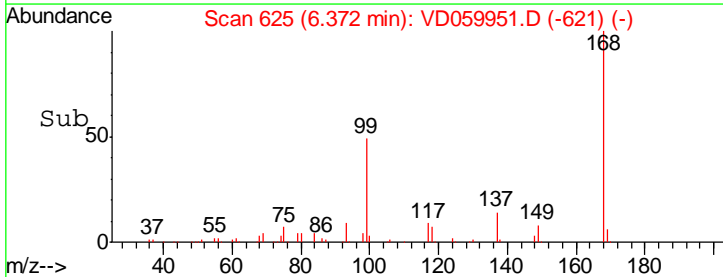
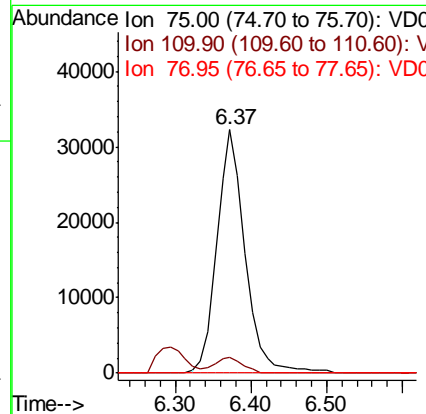
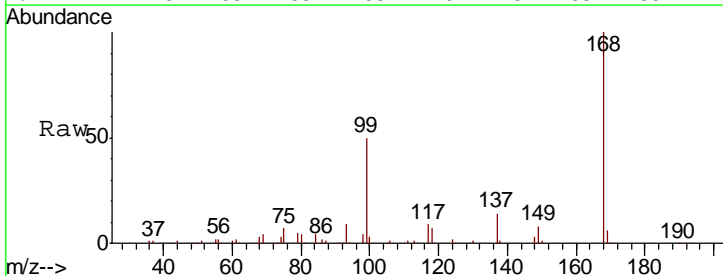
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 MSVOA_D
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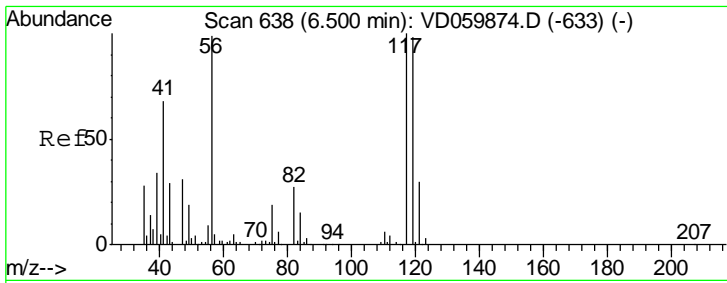
Tgt Ion	Resp	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	21.7	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 5.97 ug/l
 RT: 6.37 min Scan# 625
 Delta R.T. -0.16 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
75	100		
110	6.7	18.6	56.0#
77	0.0	25.1	37.7#

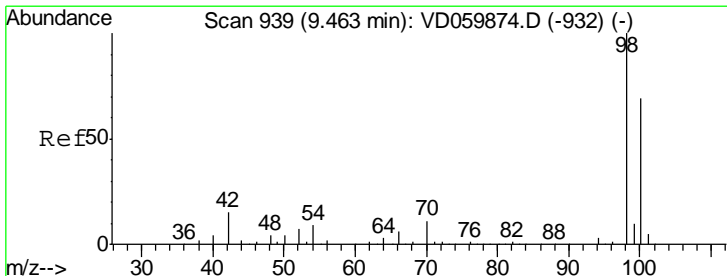
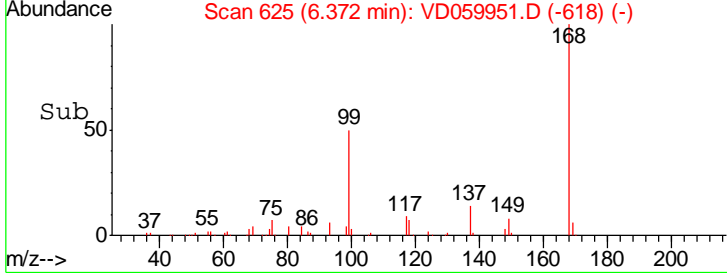
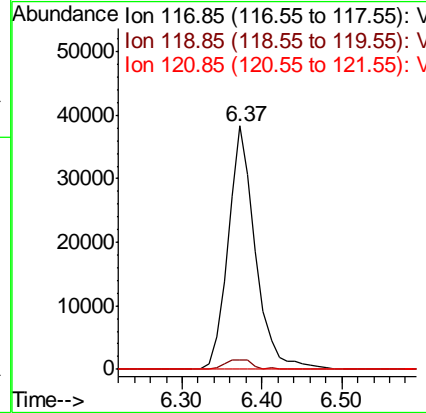
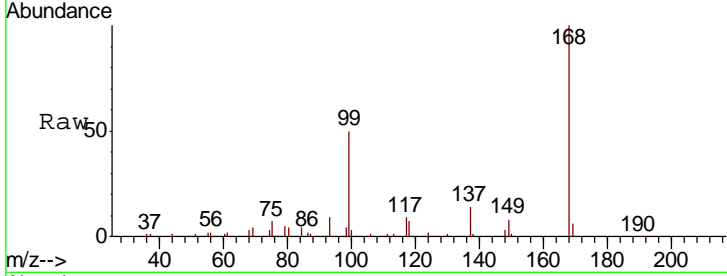




#38
 Carbon Tetrachloride
 Concen: 6.50 ug/l
 RT: 6.37 min Scan# 625
 Delta R.T. -0.13 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

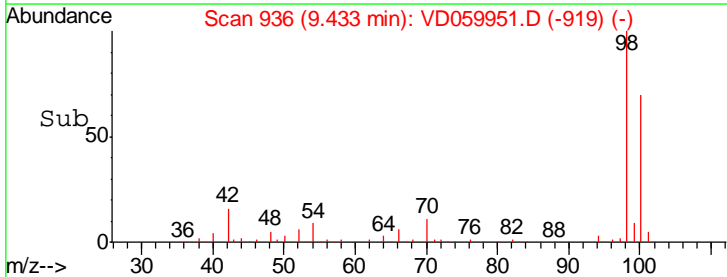
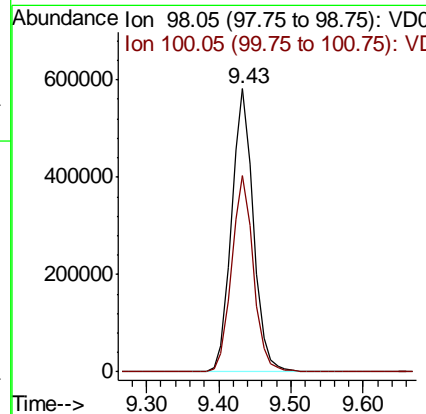
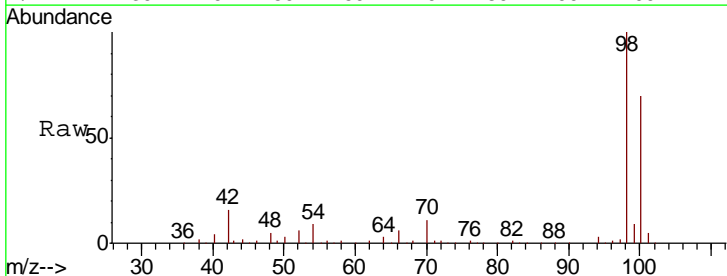
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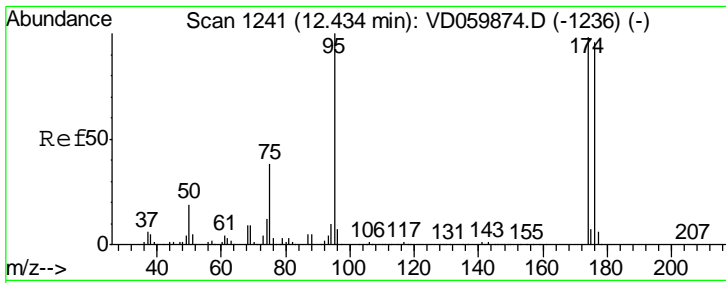
Tgt Ion	Resp	Lower	Upper
117	91574		
119	3.6	77.2	115.8#
121	0.0	24.0	36.0#



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
98	1221611		
100	69.5	55.8	83.6

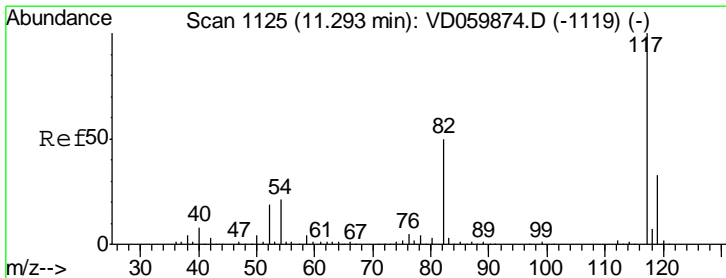
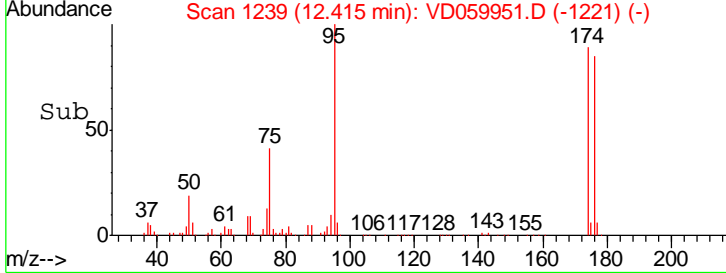
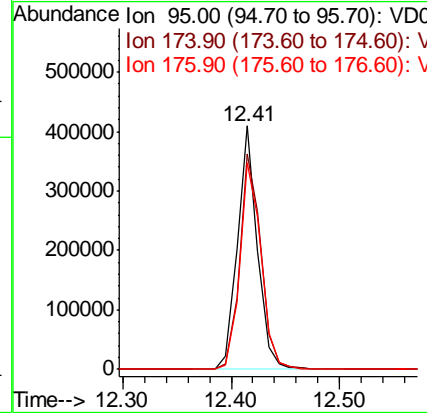
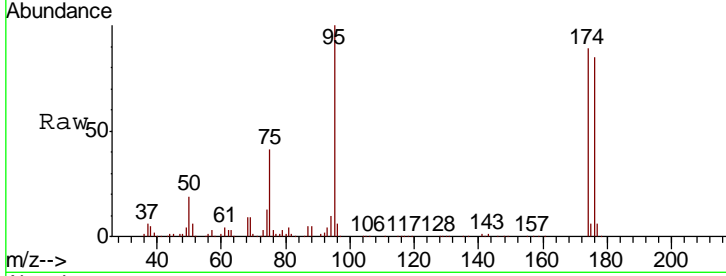




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.41 min Scan# 1239
 Delta R.T. -0.02 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

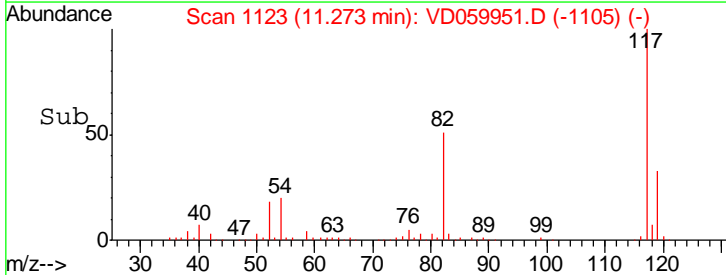
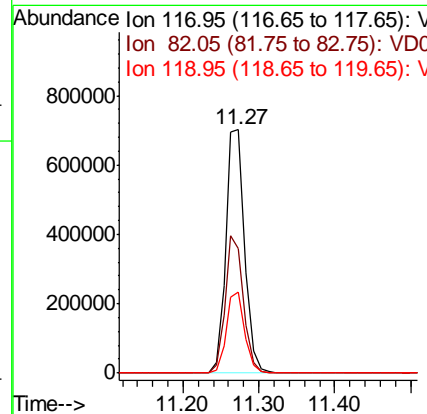
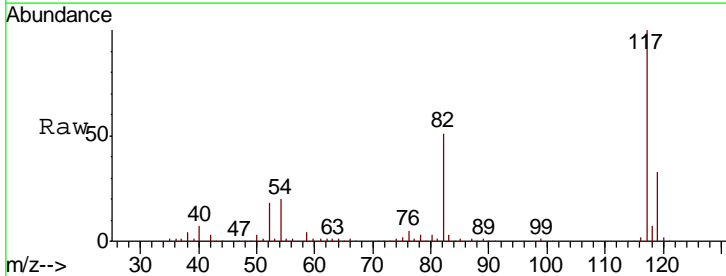
Instrument :
 MSVOA_D
 ClientSampled :
 EP1-SUT-UST-04

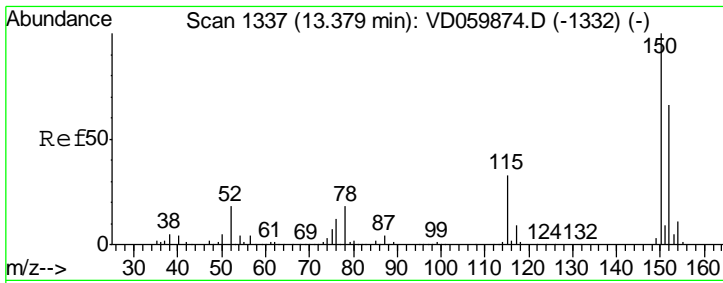
Tgt Ion	Resp	Lower	Upper
95	523922		
174	88.5	0.0	195.6
176	84.9	0.0	191.2



#63
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.27 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
117	1219473		
82	51.0	40.1	60.1
119	33.3	26.7	40.1

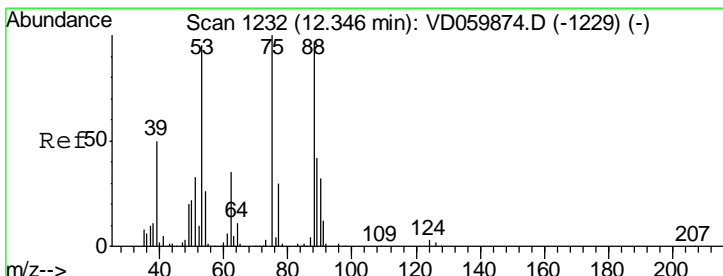
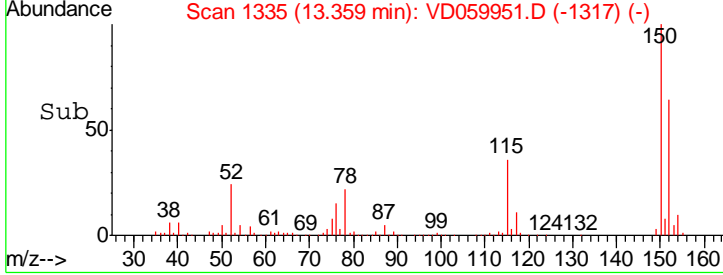
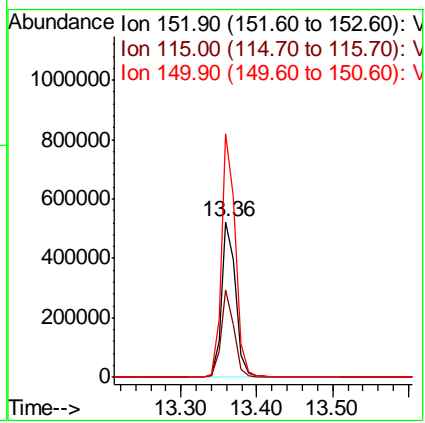
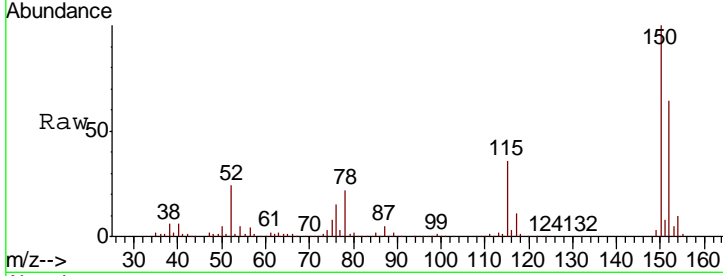




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.36 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Instrument : MSVOA_D
 ClientSampled : EP1-SUT-UST-04

Tgt Ion	Resp	Lower	Upper
152	100		
115	56.2	25.7	77.0
150	156.7	0.0	310.2



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.42 ug/l
 RT: 12.41 min Scan# 1239
 Delta R.T. 0.07 min
 Lab File: VD059951.D
 Acq: 4 Sep 2018 18:23

Tgt Ion	Resp	Lower	Upper
75	100		
53	0.0	75.8	113.6#
89	0.0	33.6	50.4#

