

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120718\
 Data File : VD060510.D
 Acq On : 7 Dec 2018 11:15
 Operator : VA/AP
 Sample : VD1207SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1207SBL01

Quant Time: Dec 08 02:04:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1741942	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	2323035	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1886409	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	921081	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	652754	52.87	ug/l	-0.02
Spiked Amount			Recovery	=	105.74%	
35) Dibromofluoromethane	6.31	113	919265	53.87	ug/l	-0.02
Spiked Amount			Recovery	=	107.74%	
50) Toluene-d8	9.44	98	2728485	55.26	ug/l	-0.02
Spiked Amount			Recovery	=	110.52%	
62) 4-Bromofluorobenzene	12.42	95	929373	52.60	ug/l	-0.02
Spiked Amount			Recovery	=	105.20%	

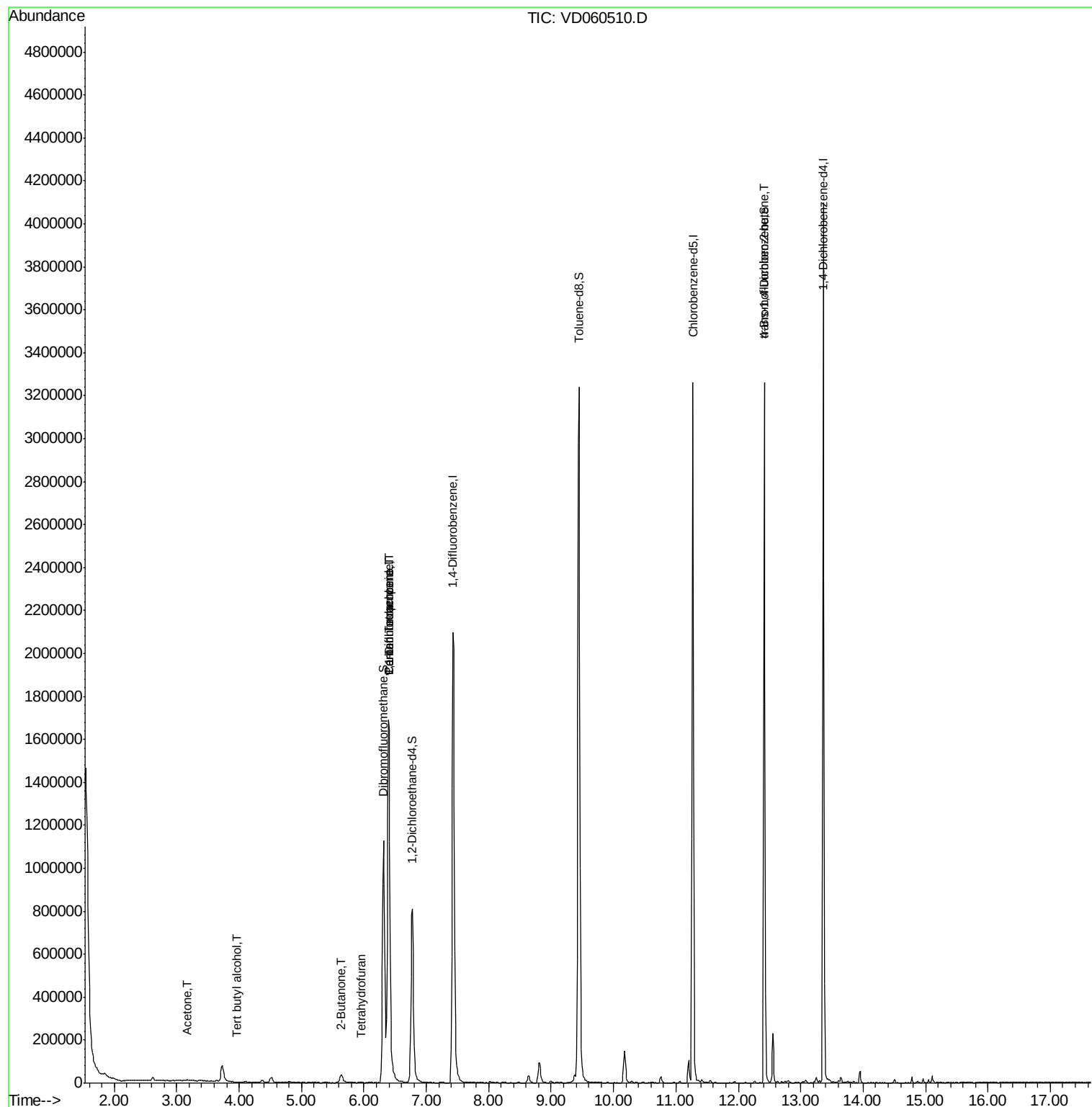
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	2032	Below Cal	#	41
11) Tert butyl alcohol	3.96	59	1509	3.008	ug/l #	73
16) Acetone	3.17	43	11082	5.600	ug/l	99
20) Methylene Chloride	3.73	84	48124	Below Cal		98
25) 2-Butanone	5.63	43	7399	1.900	ug/l #	59
29) Tetrahydrofuran	5.95	42	2740	1.243	ug/l #	47
31) Cyclohexane	6.39	56	37065	Below Cal	#	1
36) 1,1-Dichloropropene	6.39	75	126520	5.572	ug/l #	47
38) Carbon Tetrachloride	6.39	117	136554	6.699	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.42	75	371195	127.525	ug/l #	14
89) n-Butylbenzene	13.64	91	6134	Below Cal		94

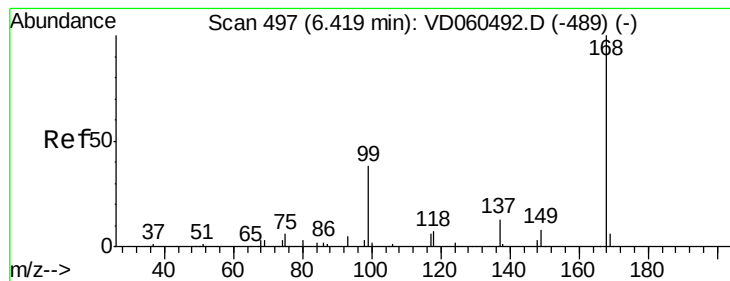
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5ml/MSVOA D/SOIL
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Instrument :
MSVOA_D
ClientSampleId :
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Quant Time: Dec 08 02:04:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

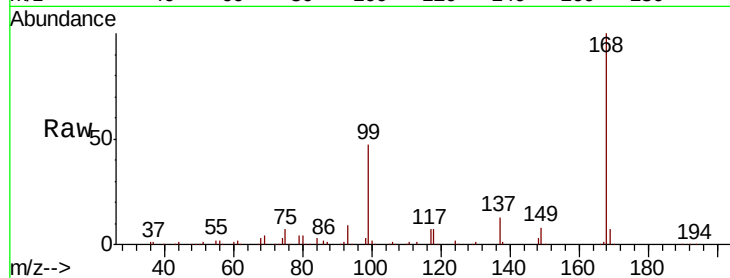
VD1207SBL01

Tot Ion:168 Resp: 1741942

Ion Ratio Lower Upper

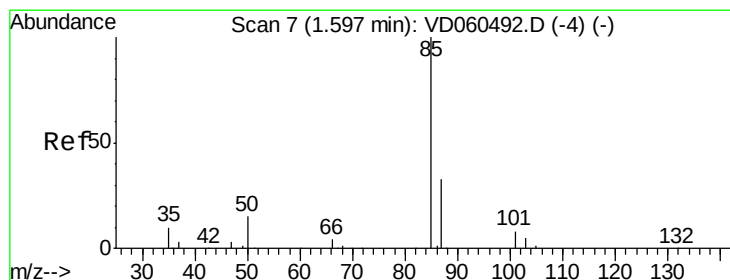
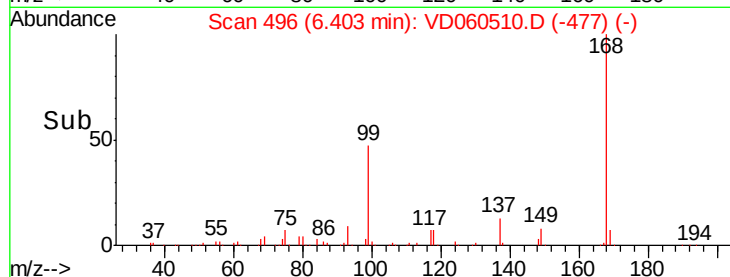
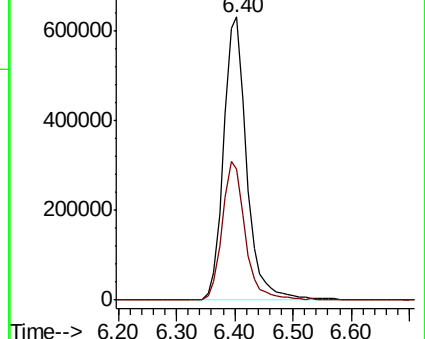
168 100

99 46.5 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 8

Delta R.T. 0.00 min

Lab File: VD060510.D

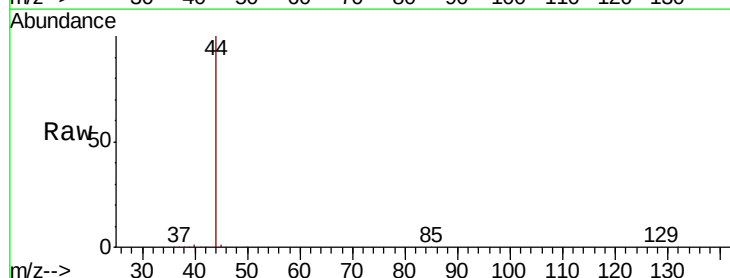
Acq: 7 Dec 2018 11:15

Tgt Ion: 85 Resp: 2032

Ion Ratio Lower Upper

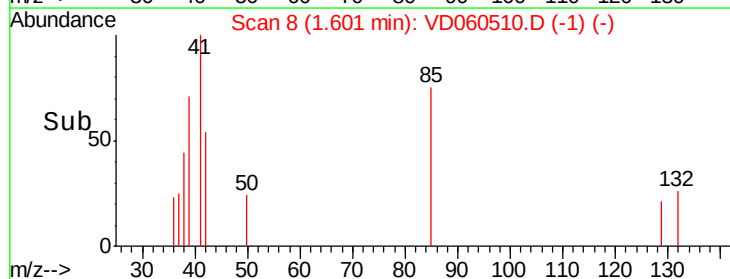
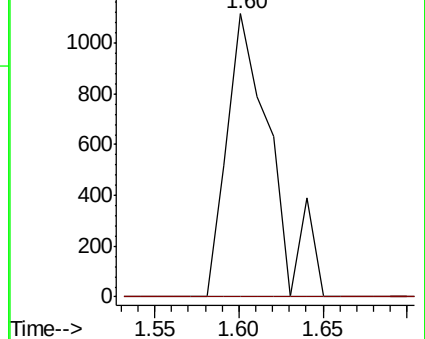
85 100

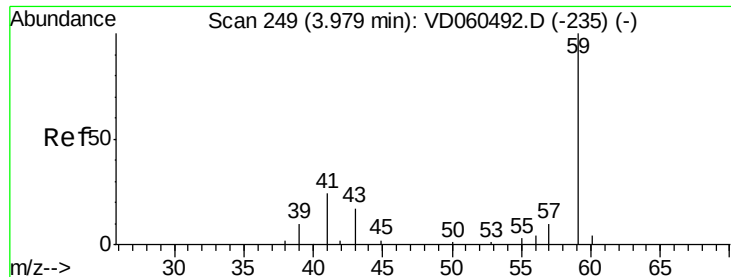
87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

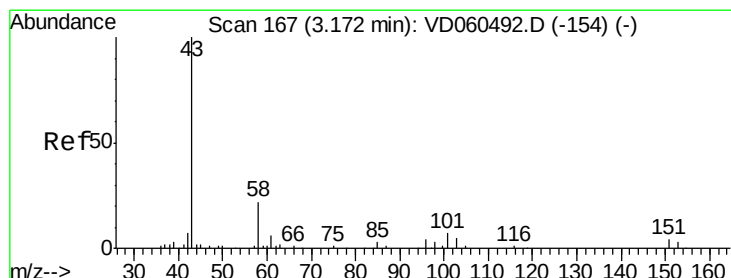
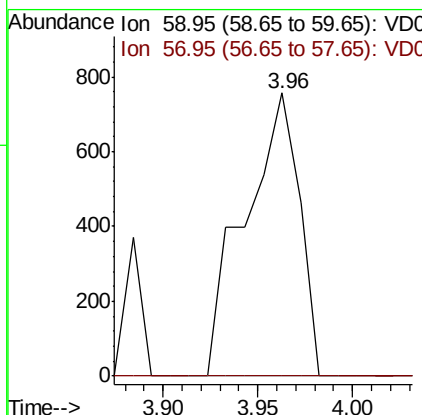
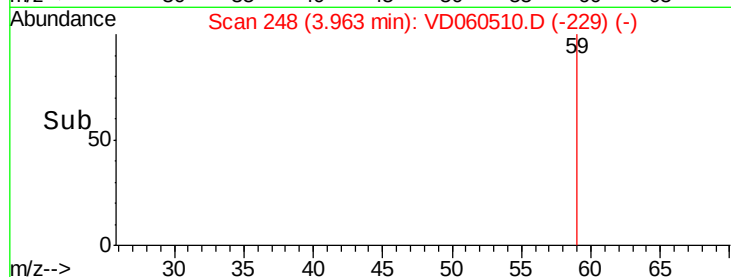
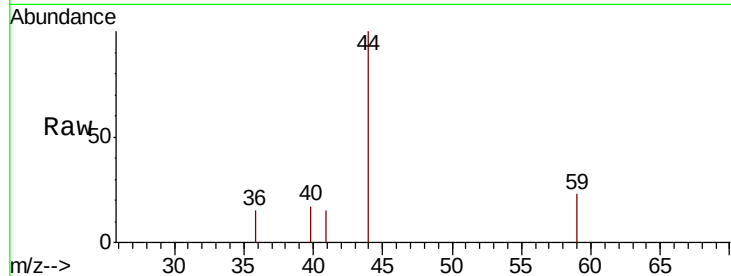




#11
Tert butyl alcohol
Concen: 3.008 ug/l
RT: 3.96 min Scan# 248
Delta R.T. -0.02 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

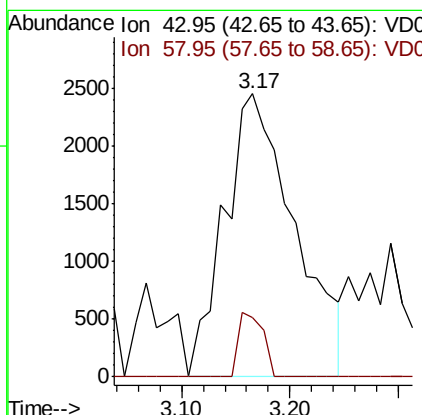
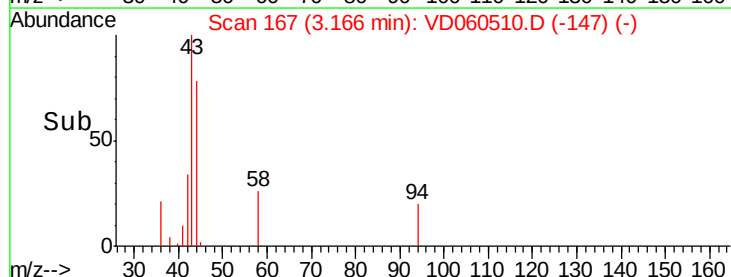
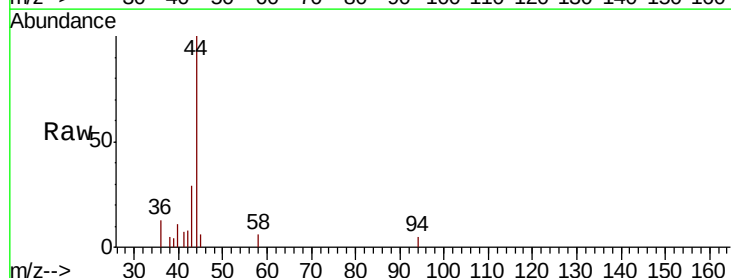
Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

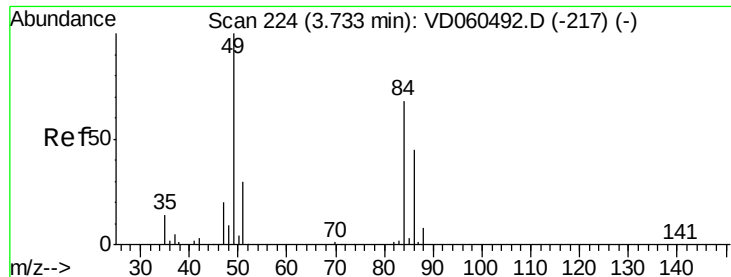
Tot Ion: 59 Resp: 1509
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 5.600 ug/l
RT: 3.17 min Scan# 167
Delta R.T. -0.01 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Tgt Ion: 43 Resp: 11082
Ion Ratio Lower Upper
43 100
58 21.1 17.3 25.9

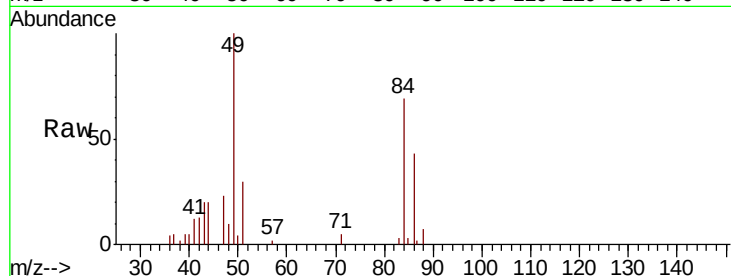




#20
Methylene Chloride
Concen: Below Cal
RT: 3.73 min Scan# 224
Delta R.T. -0.01 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tot Ion	84	Resp	48124
Ion	Ratio	Lower	Upper
84	100		
49	145.2	117.2	175.8
51	42.9	35.3	52.9
86	62.4	53.2	79.8



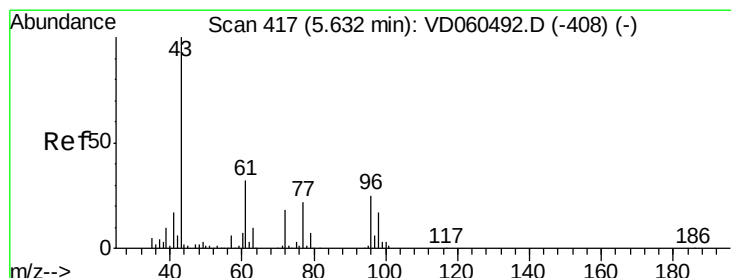
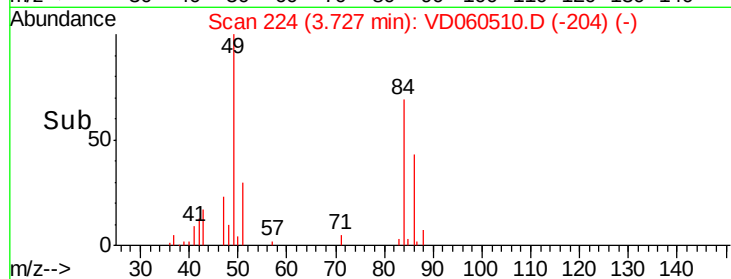
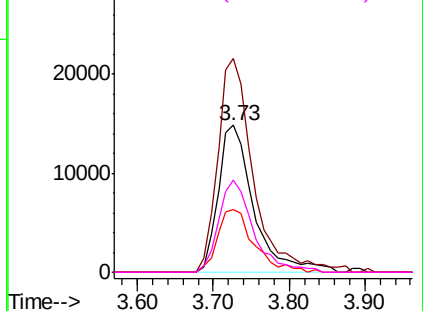
Abundance

Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

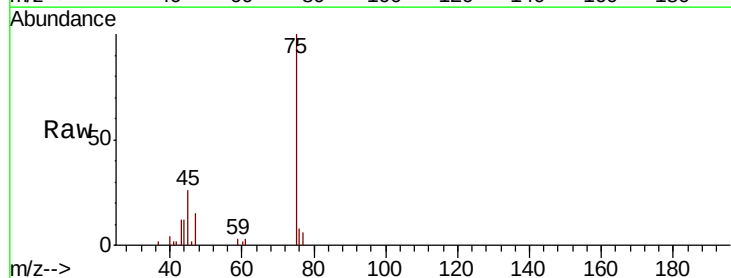
Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#25
2-Butanone
Concen: 1.900 ug/l
RT: 5.63 min Scan# 417
Delta R.T. -0.01 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

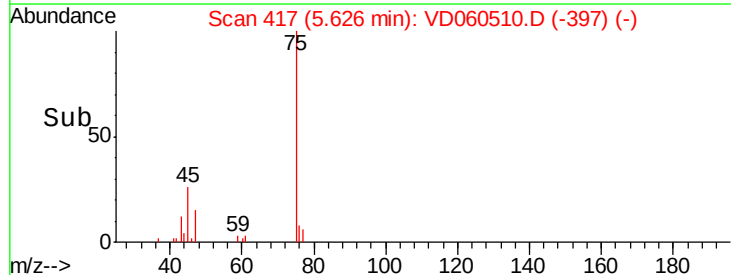
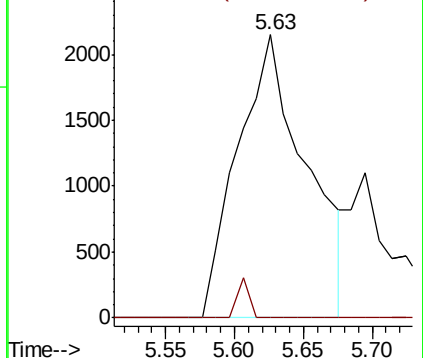
Tgt Ion	43	Resp	7399
Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.6	21.8#

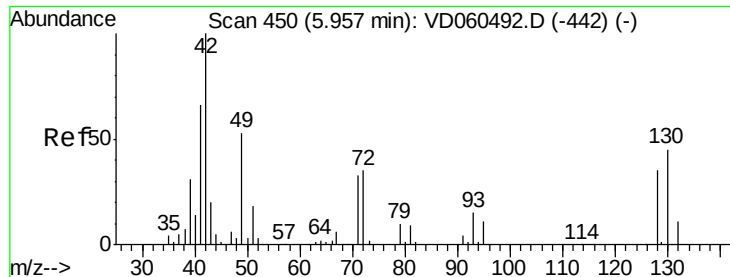


Abundance

Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC





#29

Tetrahydrofuran

Concen: 1.243 ug/l

RT: 5.95 min Scan# 450

Delta R.T. -0.01 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBL01

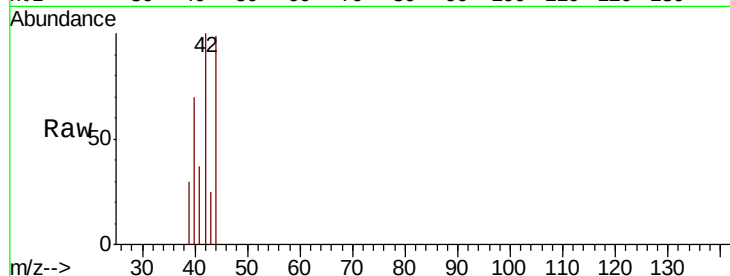
Tot Ion: 42 Resp: 2740

Ion Ratio Lower Upper

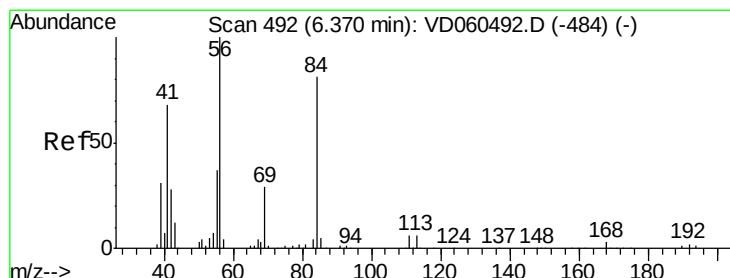
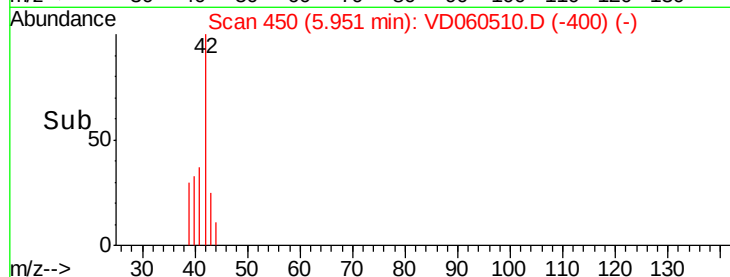
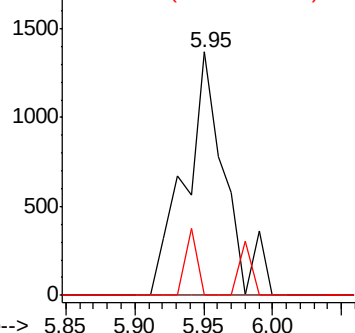
42 100

72 0.0 28.0 42.0#

71 8.1 27.2 40.8#



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 6.39 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

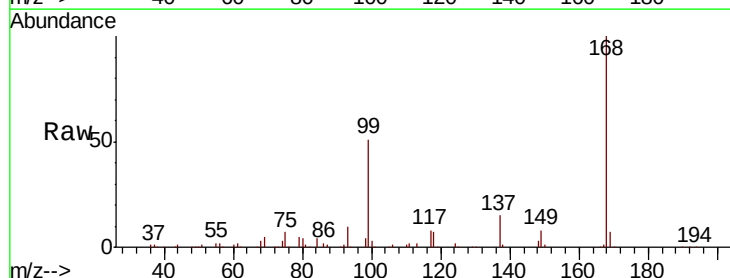
Tgt Ion: 56 Resp: 37065

Ion Ratio Lower Upper

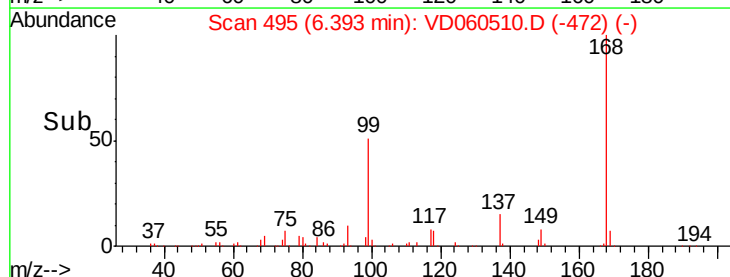
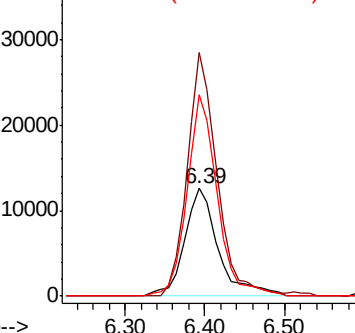
56 100

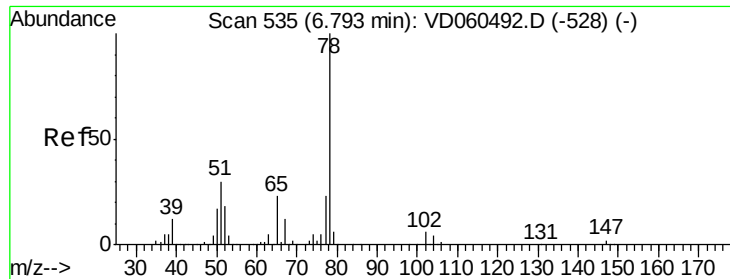
69 226.2 22.8 34.2#

84 187.5 65.1 97.7#



Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

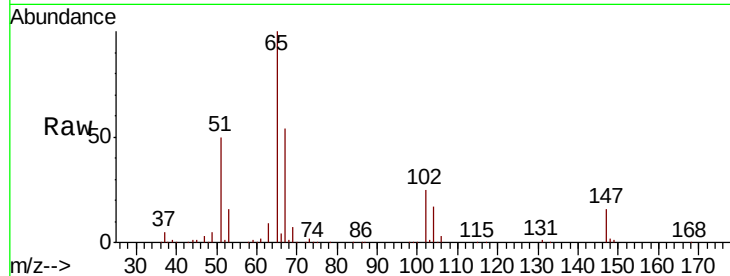
VD1207SBL01

Tot Ion: 65 Resp: 652754

Ion Ratio Lower Upper

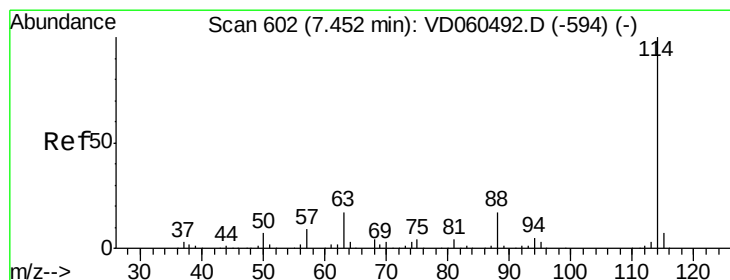
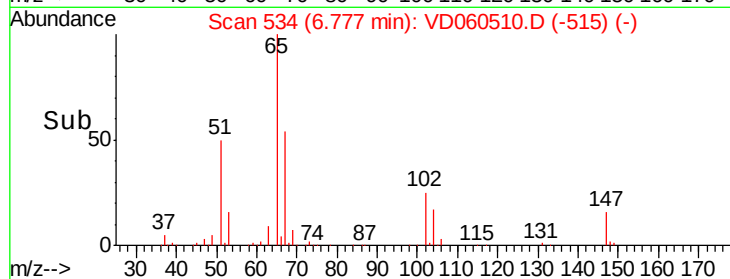
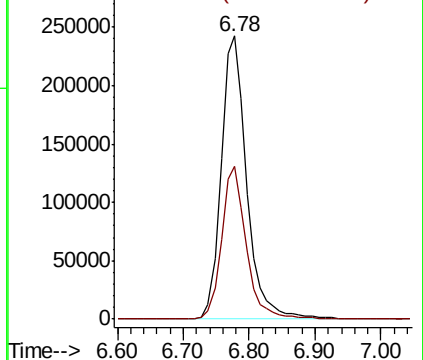
65 100

67 53.8 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

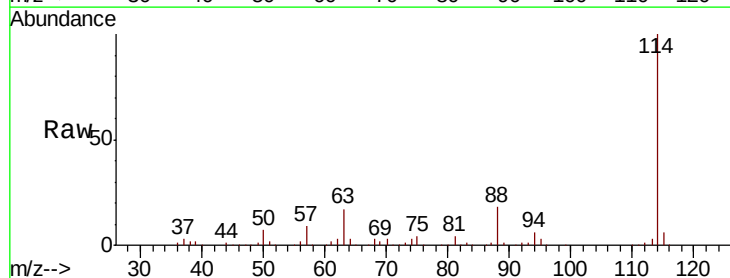
Tgt Ion:114 Resp: 2323035

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.2

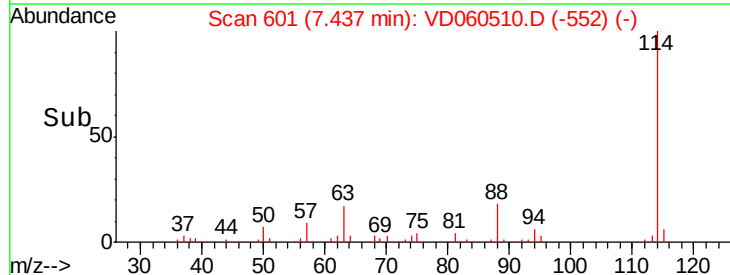
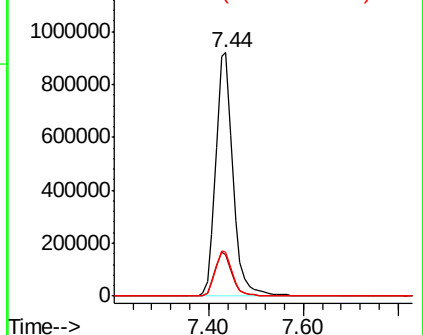
88 17.8 0.0 35.0

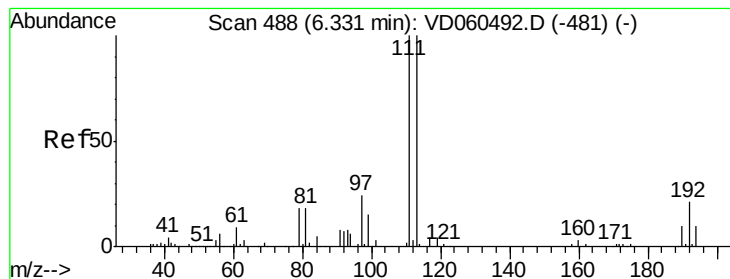


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.31 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBL01

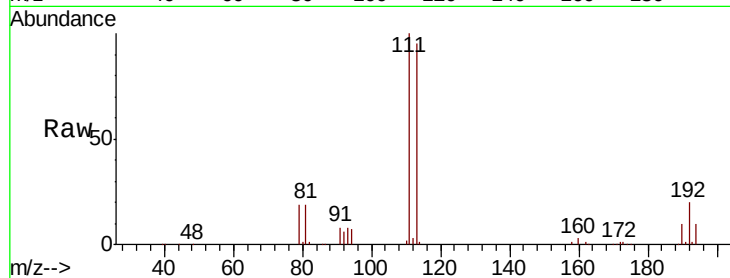
Tot Ion:113 Resp: 919265

Ion Ratio Lower Upper

113 100

111 105.0 80.2 120.4

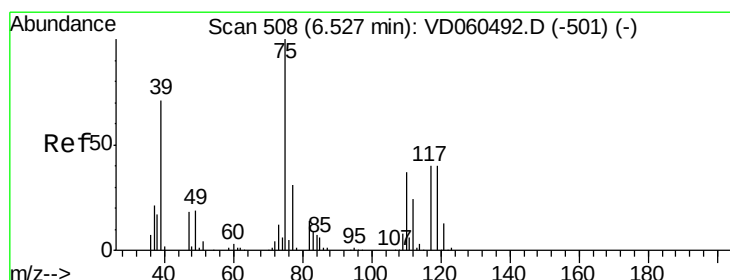
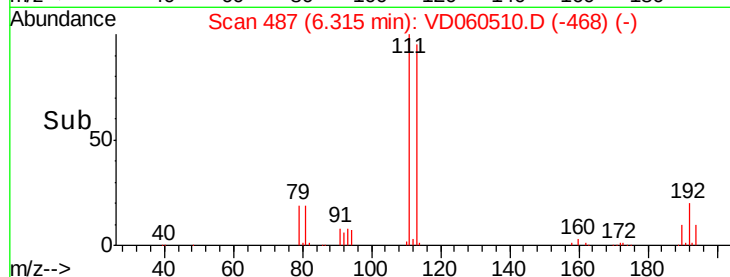
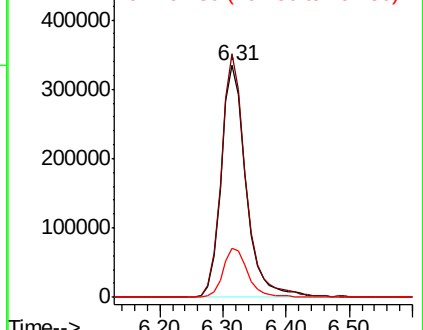
192 21.1 16.6 24.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 5.572 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.13 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

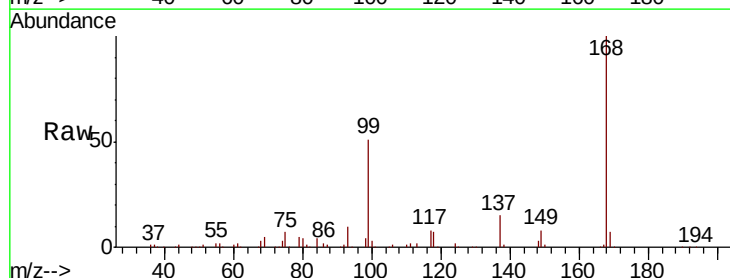
Tgt Ion: 75 Resp: 126520

Ion Ratio Lower Upper

75 100

110 7.0 18.3 54.8#

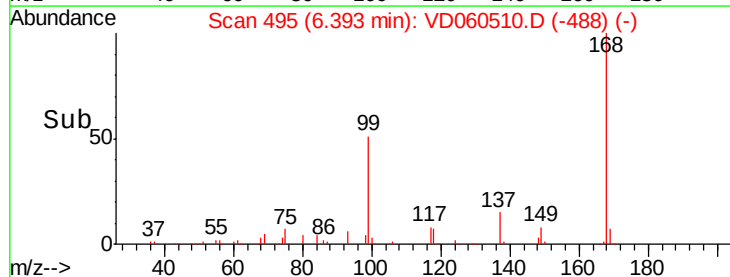
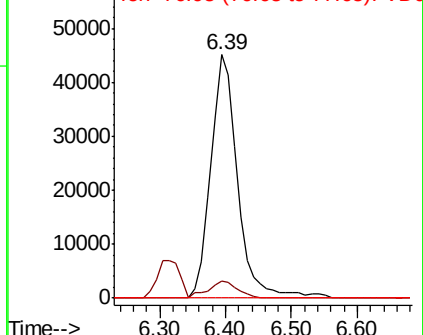
77 0.0 24.6 37.0#

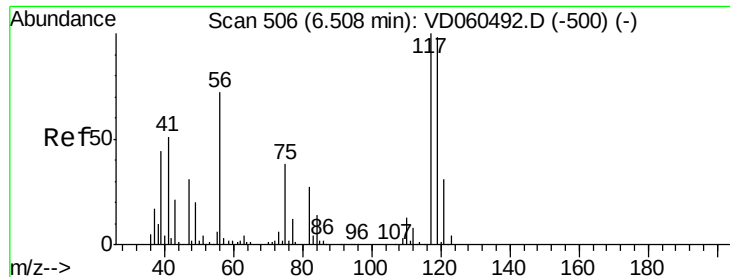


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

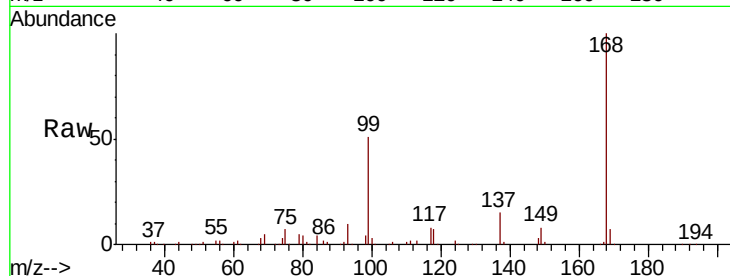




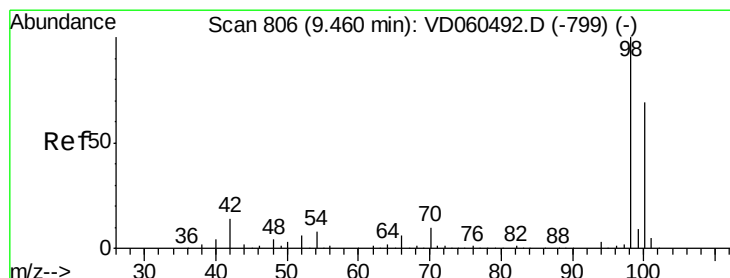
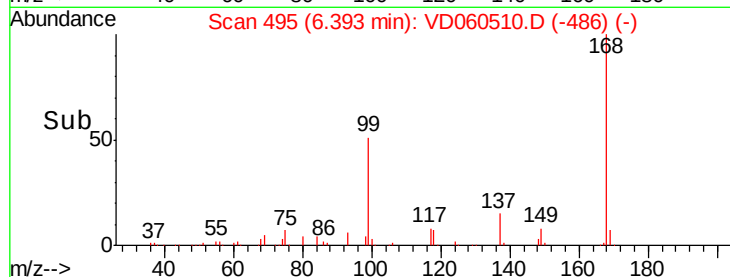
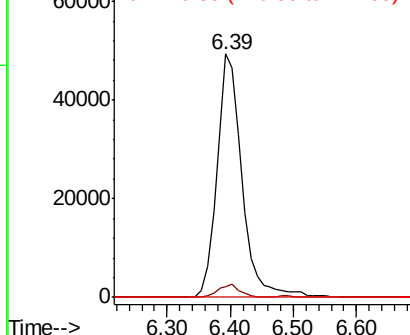
#38
Carbon Tetrachloride
Concen: 6.699 ug/l
RT: 6.39 min Scan# 495
Delta R.T. -0.11 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tot Ion:117 Resp: 136554
Ion Ratio Lower Upper
117 100
119 4.6 76.8 115.2#
121 0.0 24.4 36.6#

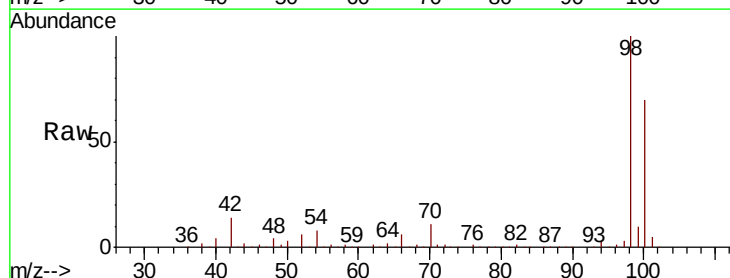


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

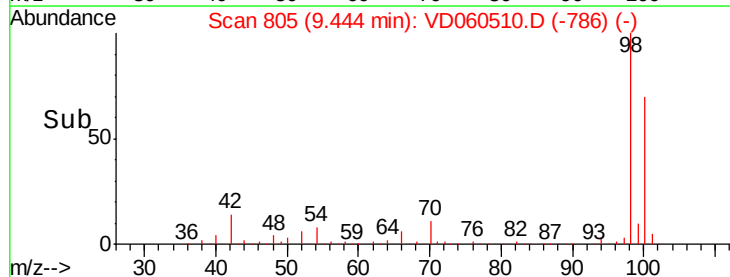
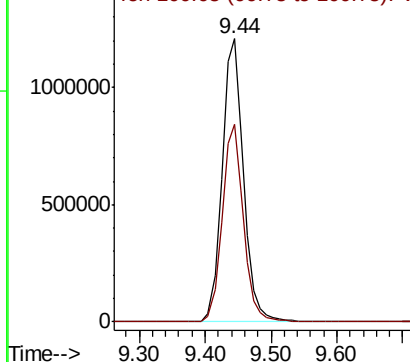


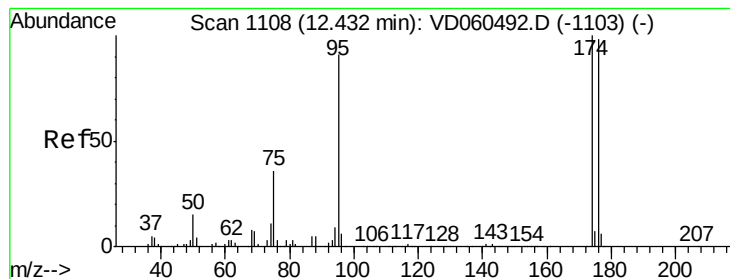
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. -0.02 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Tgt Ion: 98 Resp: 2728485
Ion Ratio Lower Upper
98 100
100 69.9 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V
Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

VD1207SBL01

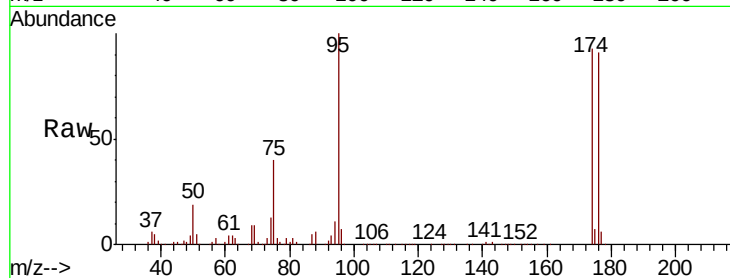
Tot Ion: 95 Resp: 929373

Ion Ratio Lower Upper

95 100

174 93.3 0.0 219.4

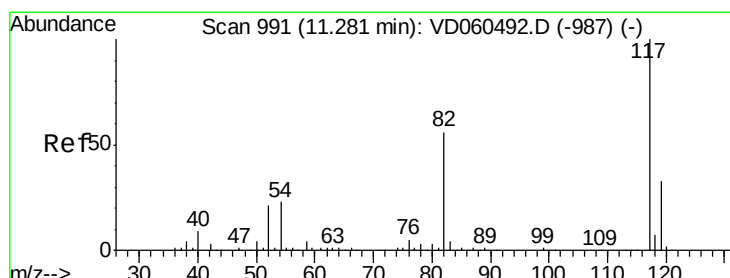
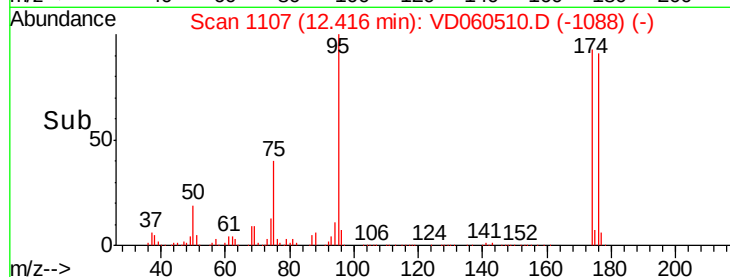
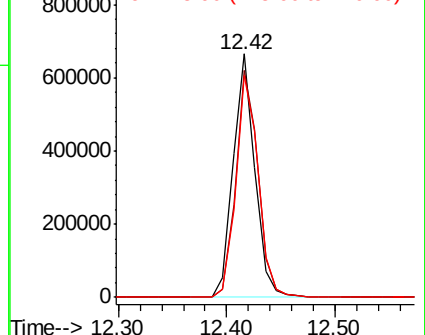
176 91.1 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 991

Delta R.T. -0.01 min

Lab File: VD060510.D

Acq: 7 Dec 2018 11:15

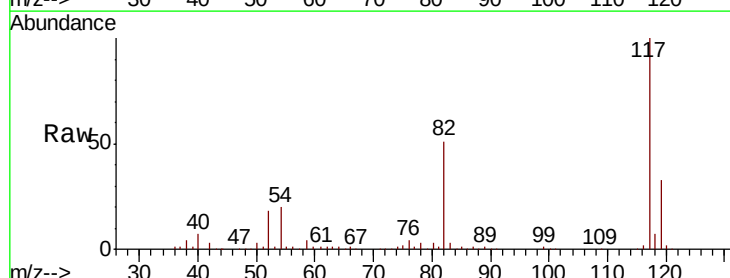
Tgt Ion: 117 Resp: 1886409

Ion Ratio Lower Upper

117 100

82 51.1 45.2 67.8

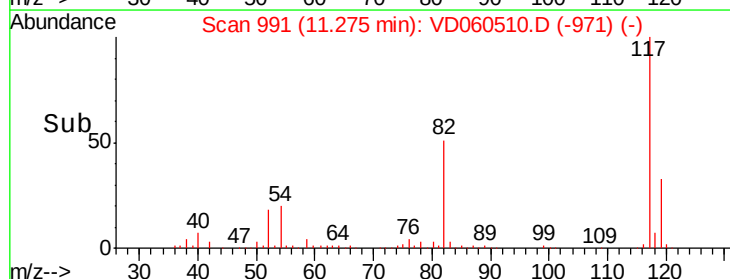
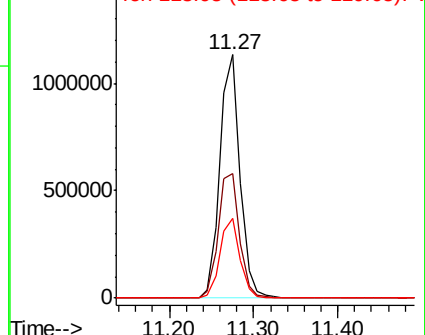
119 32.9 26.1 39.1

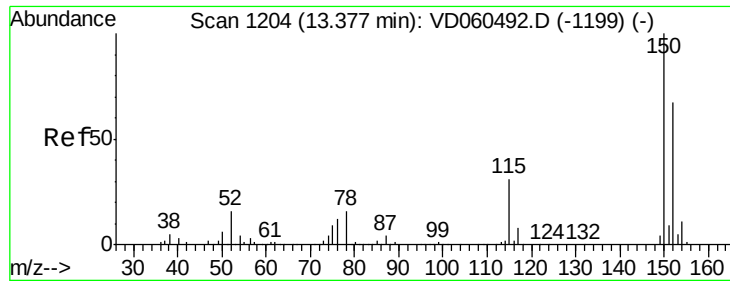


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



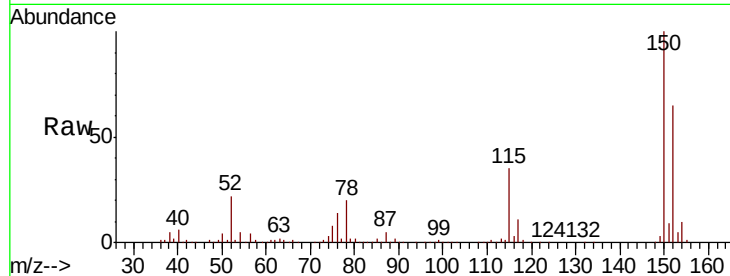


#72

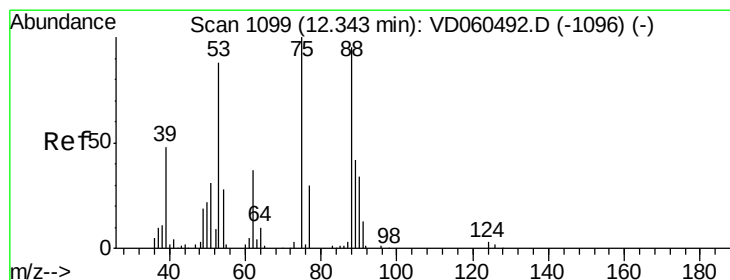
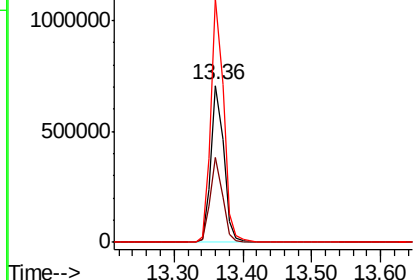
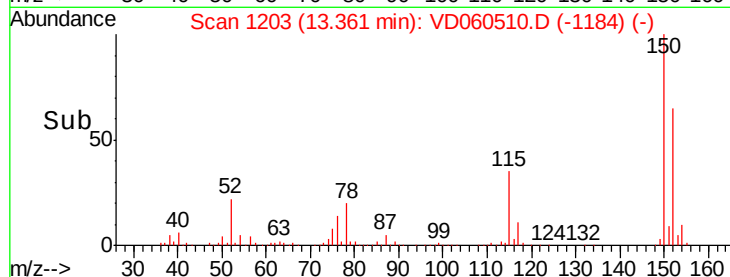
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD1207SBL01

Tot Ion:152 Resp: 921081
Ion Ratio Lower Upper
152 100
115 54.3 24.6 74.0
150 155.0 0.0 309.0



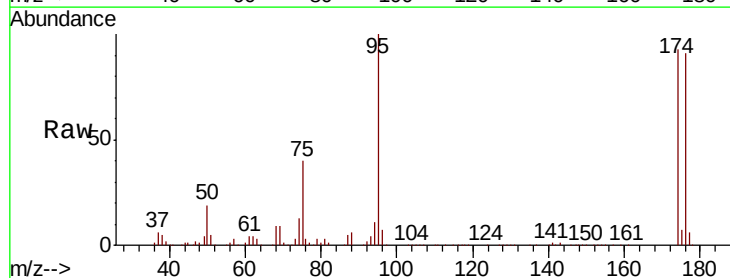
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene
Concen: 127.525 ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.07 min
Lab File: VD060510.D
Acq: 7 Dec 2018 11:15

Tgt Ion: 75 Resp: 371195
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 33.6 50.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

