

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121918\
 Data File : VD060632.D
 Acq On : 19 Dec 2018 11:09
 Operator : VA/AP
 Sample : VD1219SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 00:21:57 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

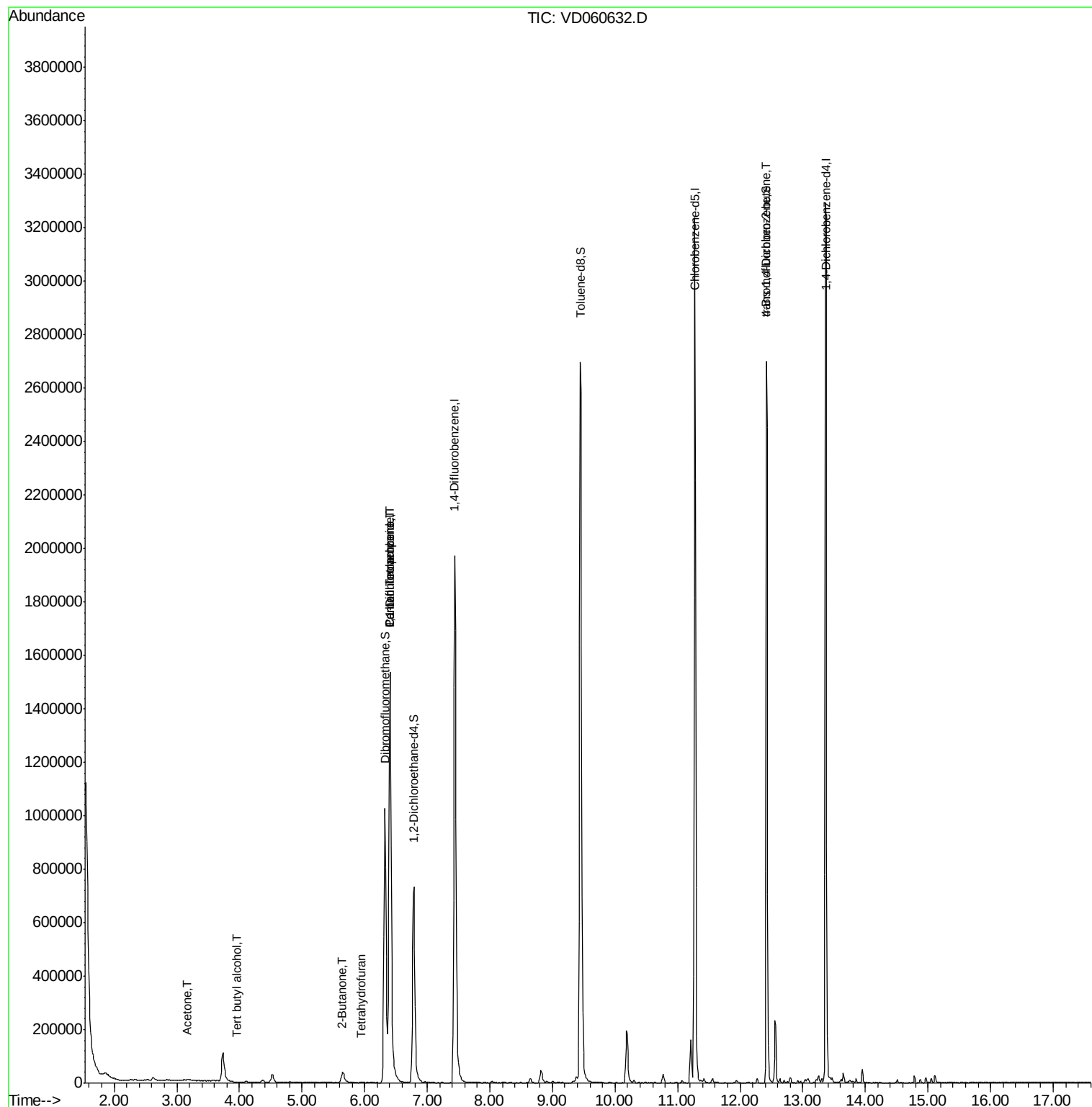
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1523312	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.44	114	2089860	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	1730460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	875156	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	592589	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
35) Dibromofluoromethane	6.33	113	823879	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
50) Toluene-d8	9.45	98	2295283	51.67	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.42	95	819035	51.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.06%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.61	85	2056	Below Cal	#	41
11) Tert butyl alcohol	3.96	59	1086	2.476	ug/l #	73
16) Acetone	3.16	43	10045	5.804	ug/l #	83
25) 2-Butanone	5.63	43	8541	2.508	ug/l #	59
29) Tetrahydrofuran	5.95	42	2353	1.220	ug/l #	63
31) Cyclohexane	6.41	56	32416	Below Cal	#	1
36) 1,1-Dichloropropene	6.41	75	114432	5.602	ug/l #	47
38) Carbon Tetrachloride	6.41	117	120178	6.553	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.42	75	332987	120.402	ug/l #	14
89) n-Butylbenzene	13.65	91	8031	Below Cal		95

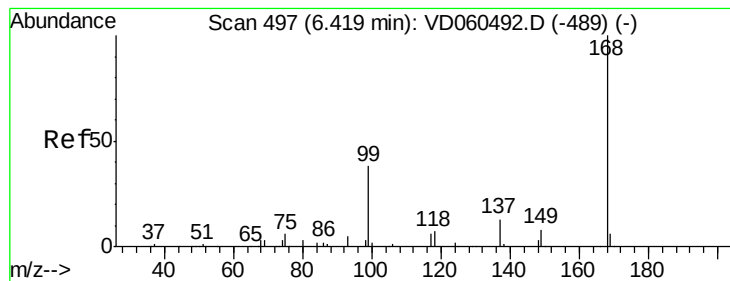
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121918\
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Quant Time: Dec 20 00:21:57 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: 6.41 min Scan# 496

Delta R.T. -0.01 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

Instrument :

MSVOA_D

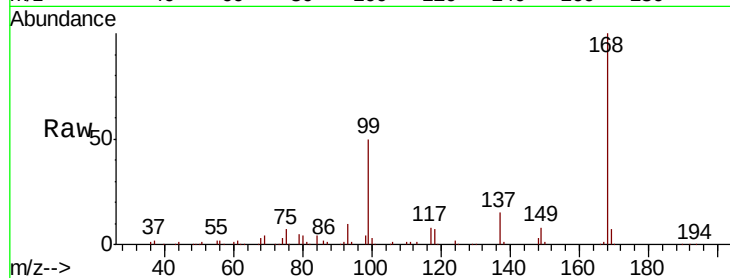
ClientSampleId :

Tot Ion:168 Resp: 1523312

Ion Ratio Lower Upper

168 100

99 50.4 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

500000

400000

300000

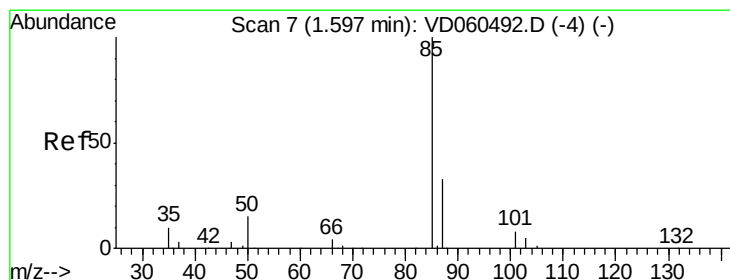
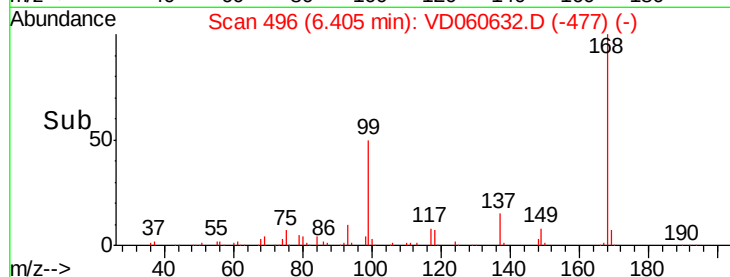
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.61 min Scan# 9

Delta R.T. 0.02 min

Lab File: VD060632.D

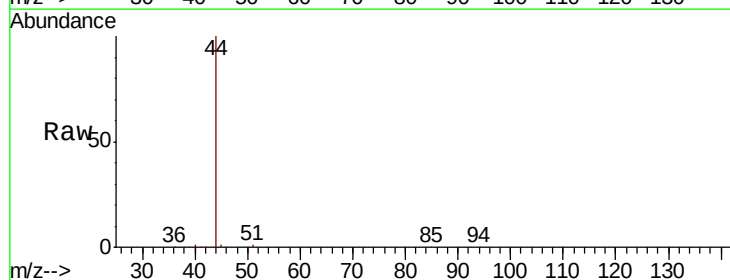
Acq: 19 Dec 2018 11:09

Tgt Ion: 85 Resp: 2056

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

1200

1000

800

600

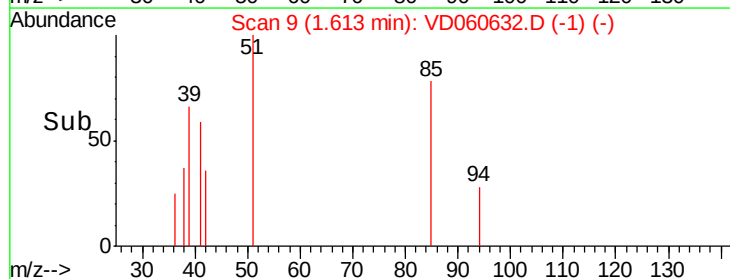
400

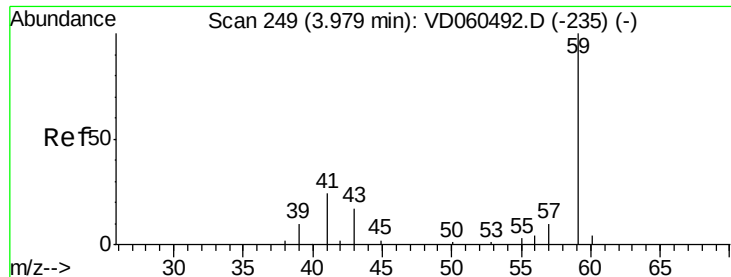
200

0

1.55 1.60 1.65

Time-->

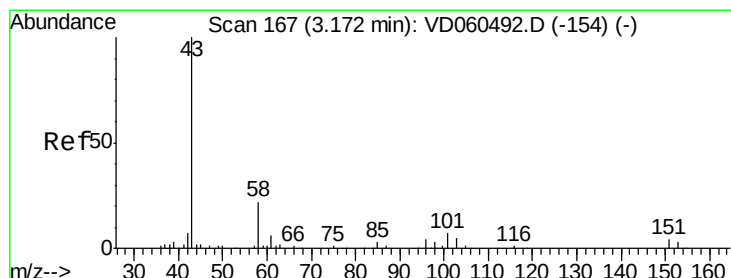
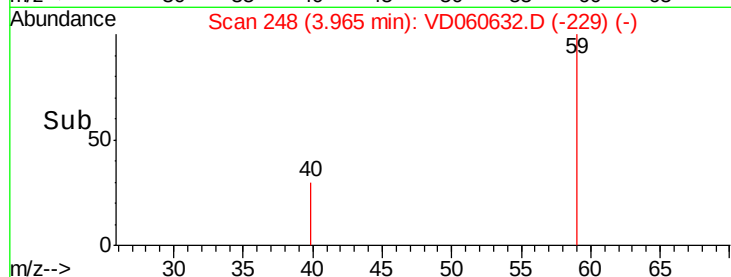
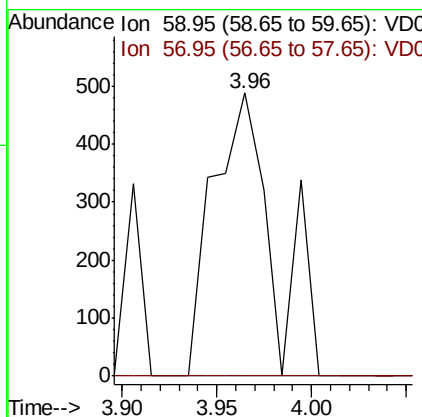
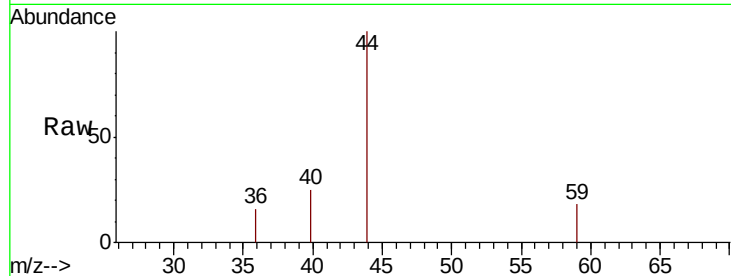




#11
Tert butyl alcohol
Concen: 2.476 ug/l
RT: 3.96 min Scan# 248
Delta R.T. -0.01 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

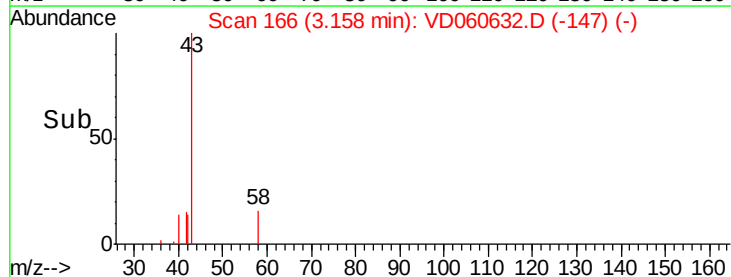
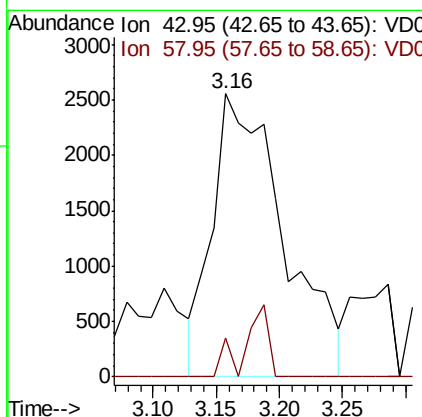
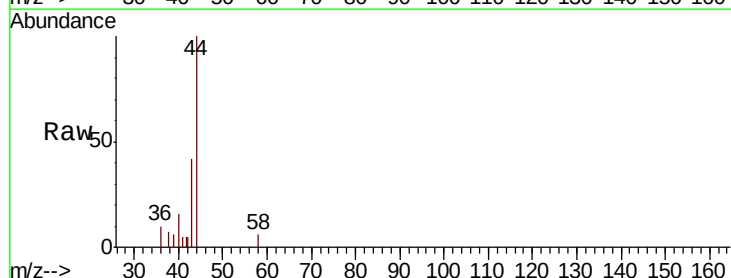
Instrument :
MSVOA_D
ClientSampled :

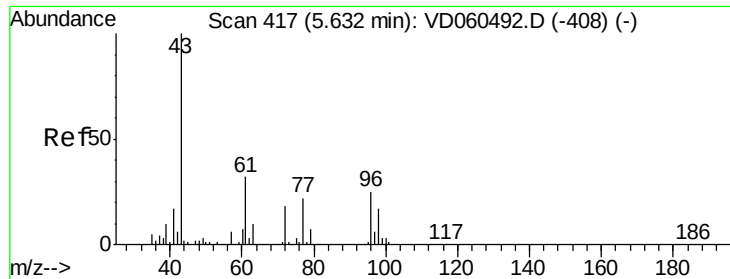
Tot Ion: 59 Resp: 1086
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 5.804 ug/l
RT: 3.16 min Scan# 166
Delta R.T. -0.01 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Tgt Ion: 43 Resp: 10045
Ion Ratio Lower Upper
43 100
58 13.5 17.3 25.9#





#25

2-Butanone

Concen: 2.508 ug/l

RT: 5.63 min Scan# 417

Delta R.T. -0.00 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

Instrument :

MSVOA_D

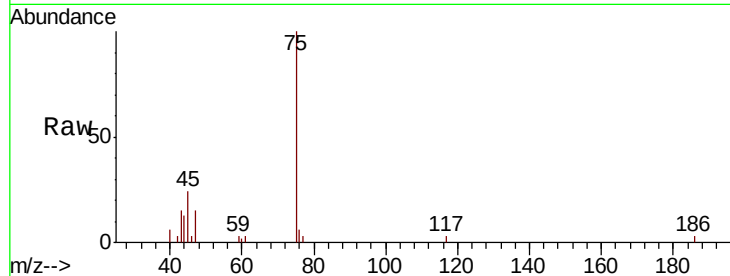
ClientSampleId :

Tot Ion: 43 Resp: 8541

Ion Ratio Lower Upper

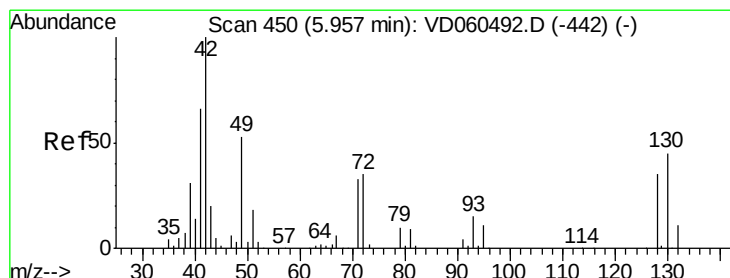
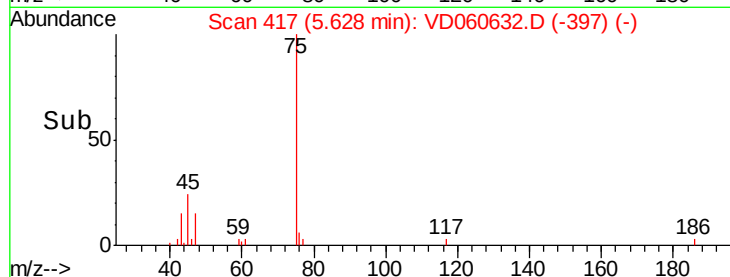
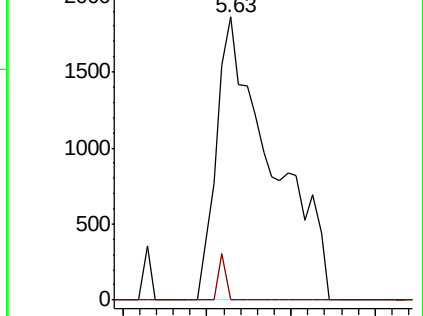
43 100

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: 1.220 ug/l

RT: 5.95 min Scan# 450

Delta R.T. -0.00 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

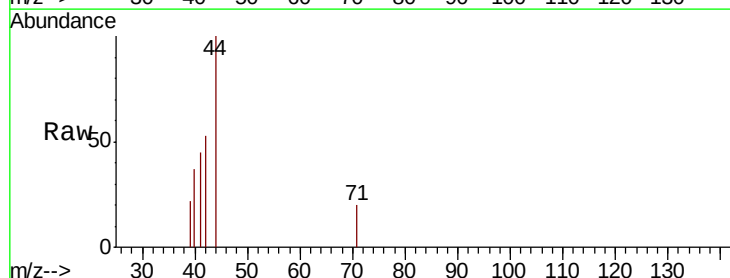
Tgt Ion: 42 Resp: 2353

Ion Ratio Lower Upper

42 100

72 10.2 28.0 42.0#

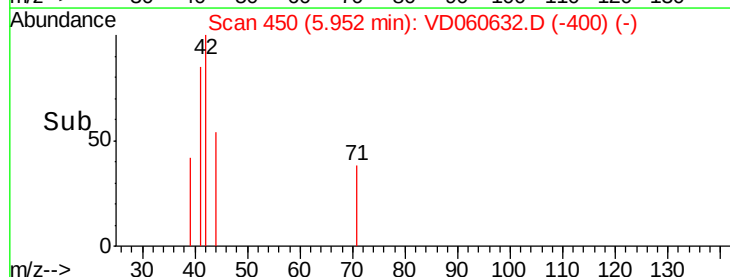
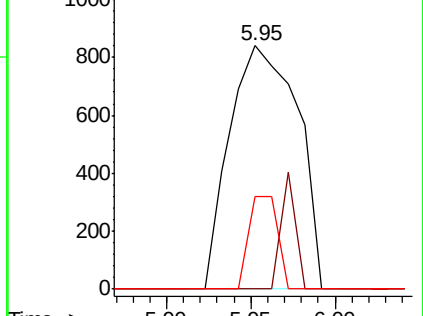
71 16.0 27.2 40.8#

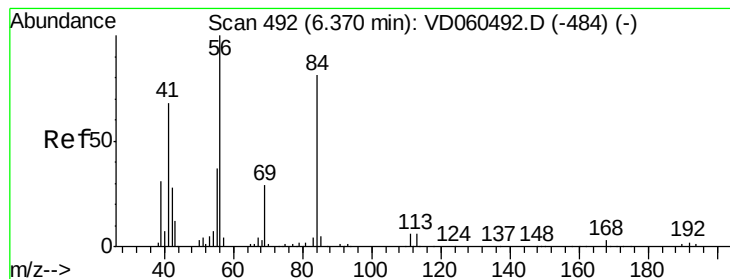


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC





#31

Cyclohexane

Concen: Below Cal

RT: 6.41 min Scan# 496

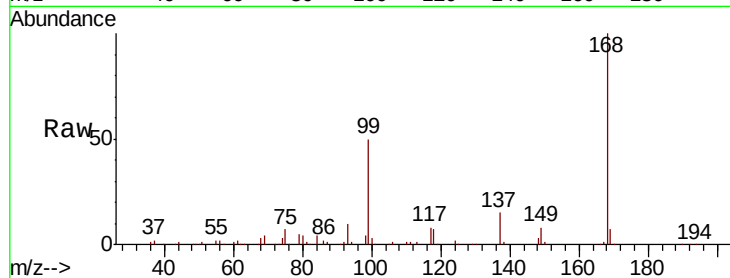
Delta R.T. 0.04 min

Lab File: VD060632.D

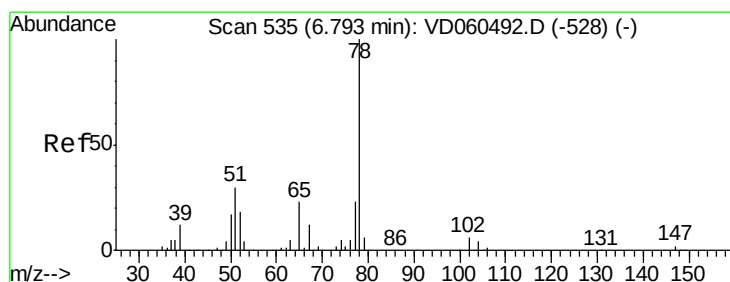
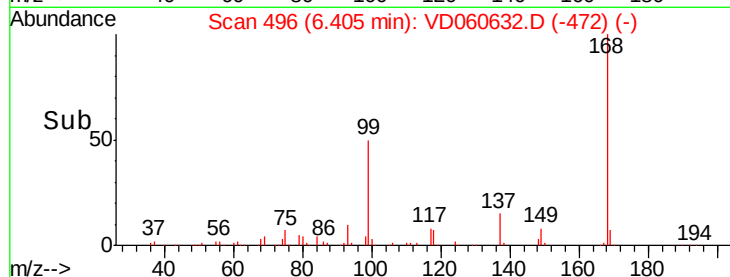
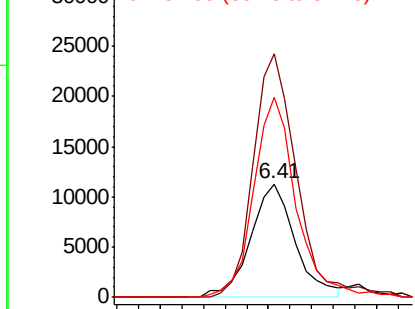
Acq: 19 Dec 2018 11:09

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:	56	Resp:	32416
Ion	Ratio	Lower	Upper
56	100		
69	214.4	22.8	34.2#
84	176.6	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

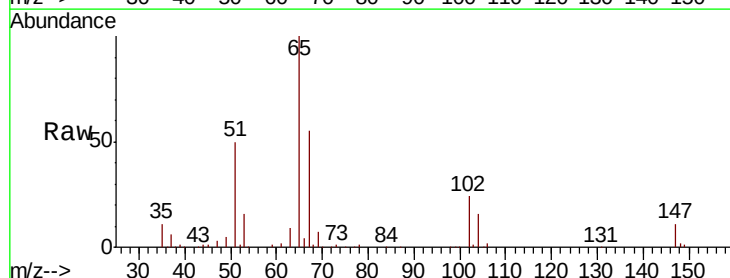
RT: 6.79 min Scan# 535

Delta R.T. -0.00 min

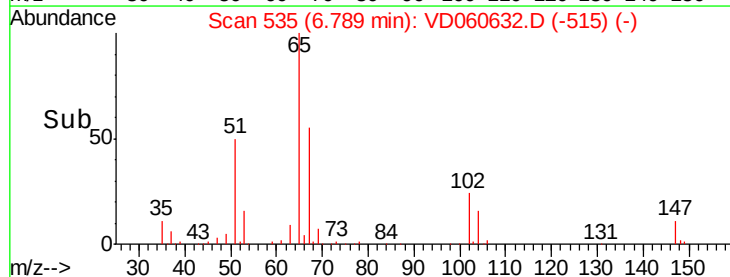
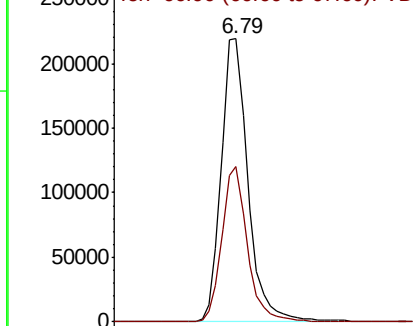
Lab File: VD060632.D

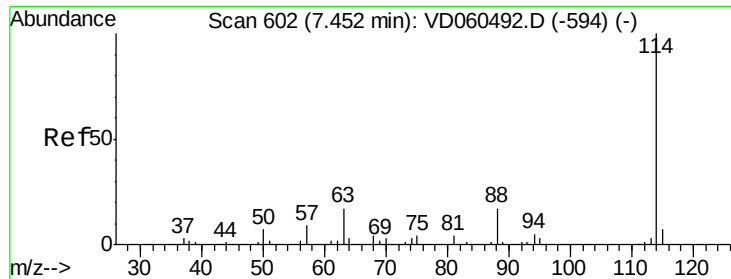
Acq: 19 Dec 2018 11:09

Tgt Ion:	65	Resp:	592589
Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

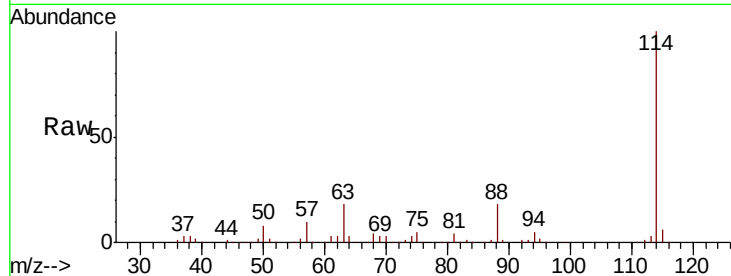




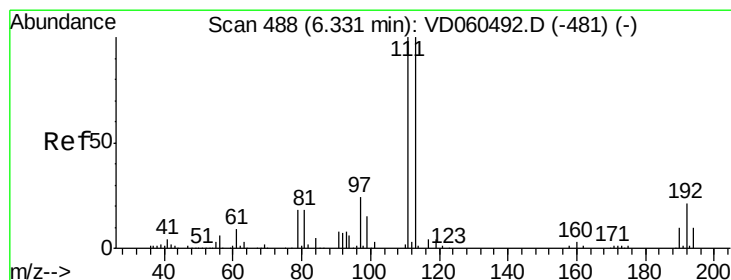
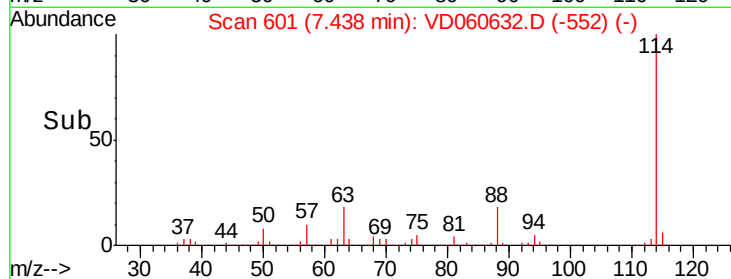
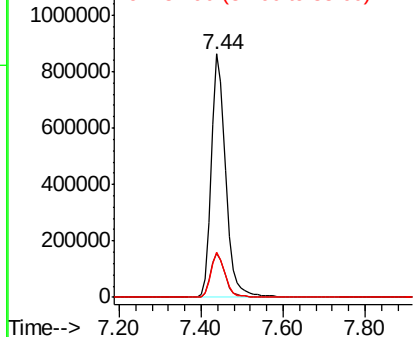
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. -0.01 min
 Lab File: VD060632.D
 Acq: 19 Dec 2018 11:09

Instrument :
 MSVOA_D
 ClientSampled :

Tot Ion:114 Resp: 2089860
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.2
 88 18.3 0.0 35.0

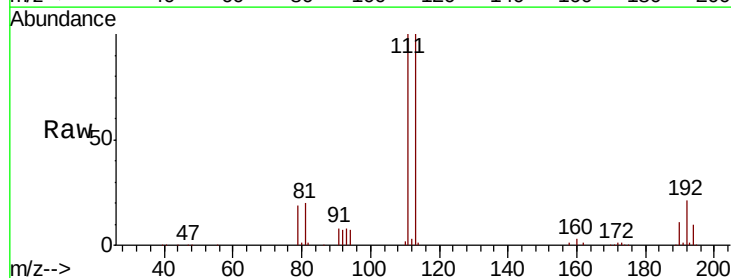


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

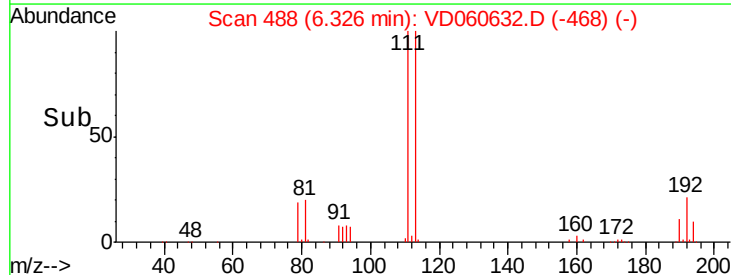
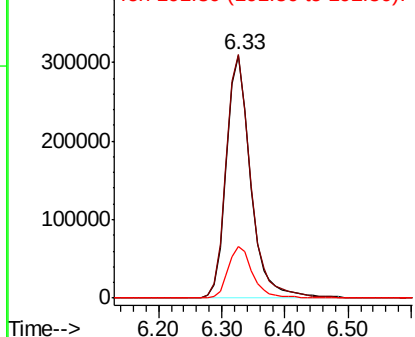


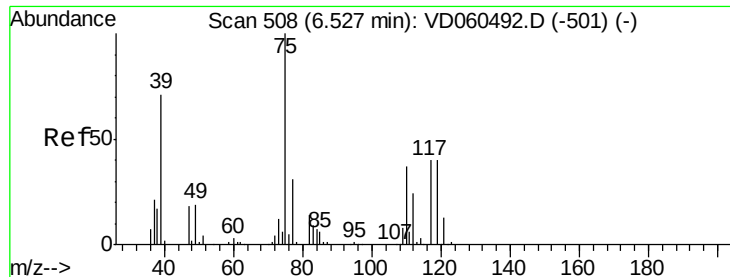
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.00 min
 Lab File: VD060632.D
 Acq: 19 Dec 2018 11:09

Tgt Ion:113 Resp: 823879
 Ion Ratio Lower Upper
 113 100
 111 100.3 80.2 120.4
 192 21.5 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

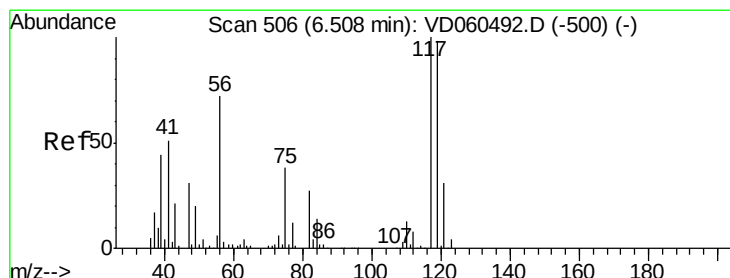
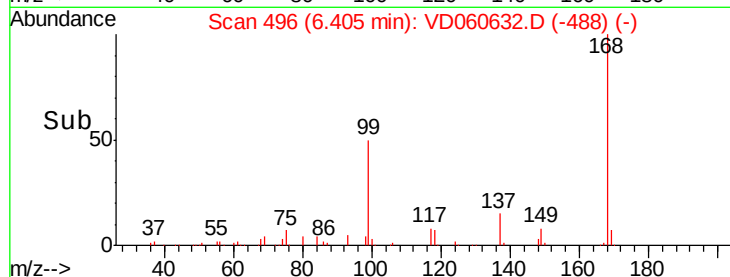
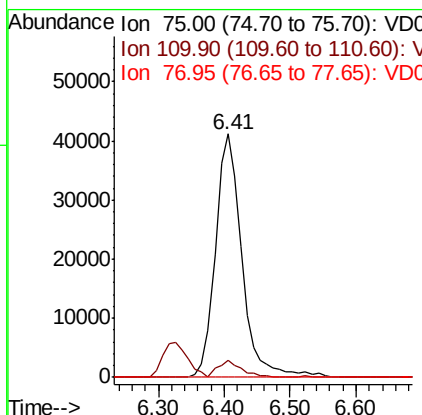
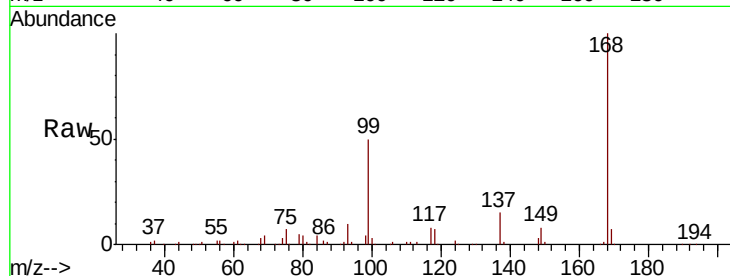




#36
 1,1-Dichloropropene
 Concen: 5.602 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.12 min
 Lab File: VD060632.D
 Acq: 19 Dec 2018 11:09

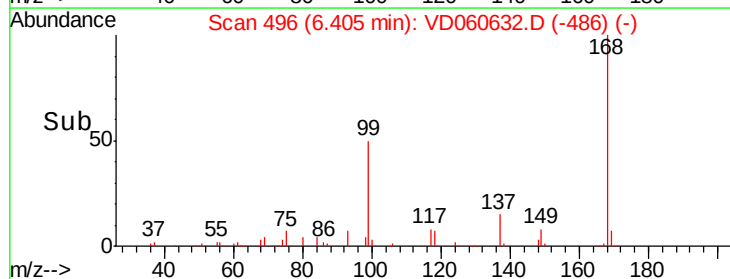
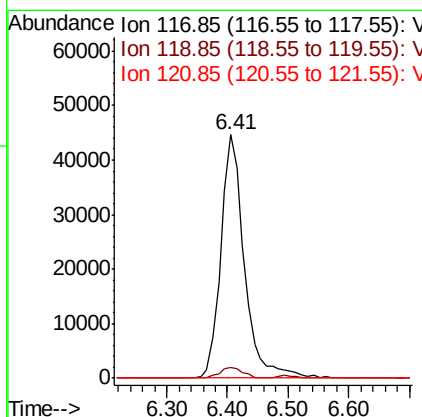
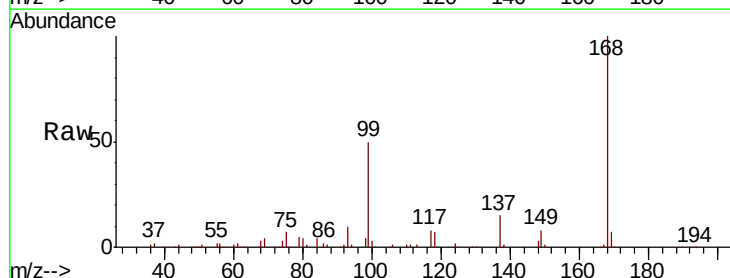
Instrument :
 MSVOA_D
 ClientSampled :

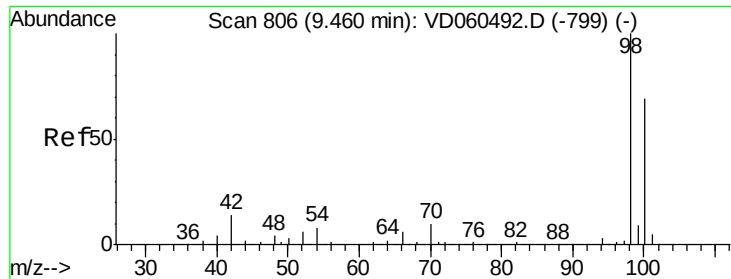
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.2	18.3	54.8#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 6.553 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.10 min
 Lab File: VD060632.D
 Acq: 19 Dec 2018 11:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.8	115.2#
121	0.0	24.4	36.6#

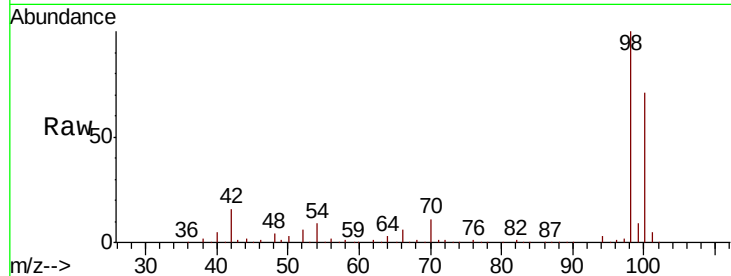




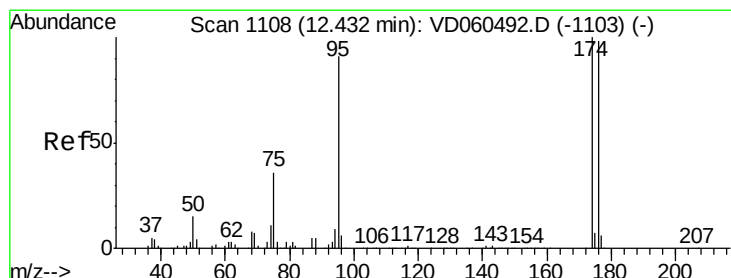
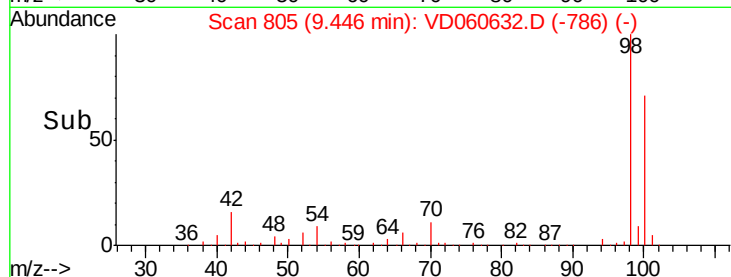
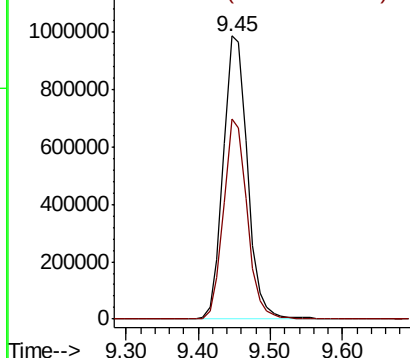
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. -0.01 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 98 Resp: 2295283
Ion Ratio Lower Upper
98 100
100 70.9 55.7 83.5

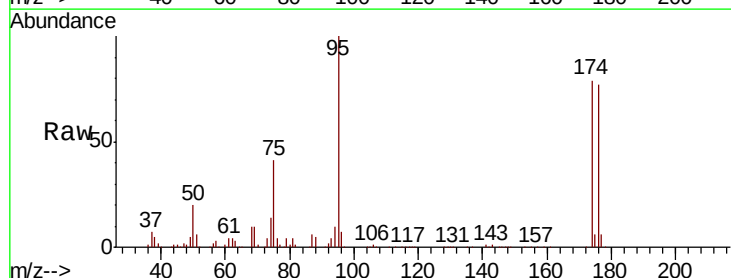


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

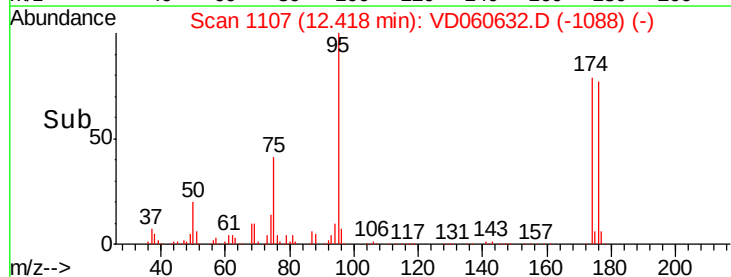
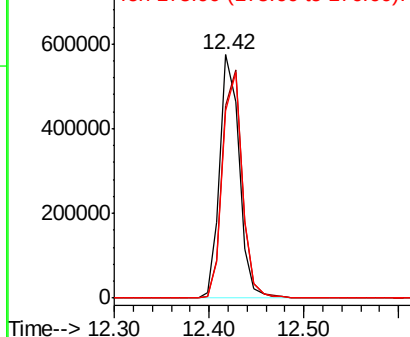


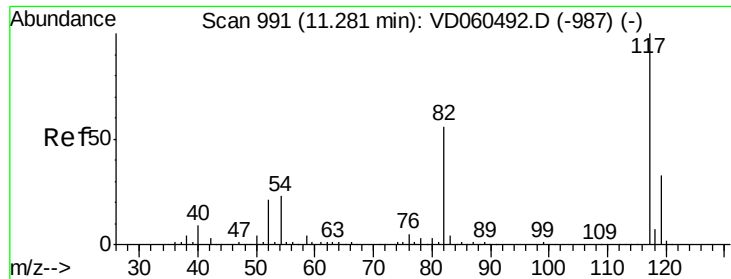
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.01 min
Lab File: VD060632.D
Acq: 19 Dec 2018 11:09

Tgt Ion: 95 Resp: 819035
Ion Ratio Lower Upper
95 100
174 78.9 0.0 219.4
176 77.2 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
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: 11.28 min Scan# 991

Delta R.T. -0.00 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

Instrument :

MSVOA_D

ClientSampled :

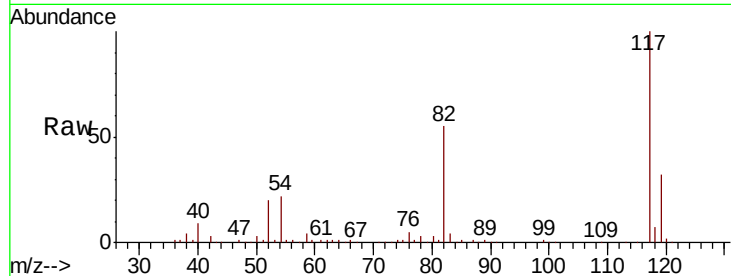
Tot Ion:117 Resp: 1730460

Ion Ratio Lower Upper

117 100

82 54.5 45.2 67.8

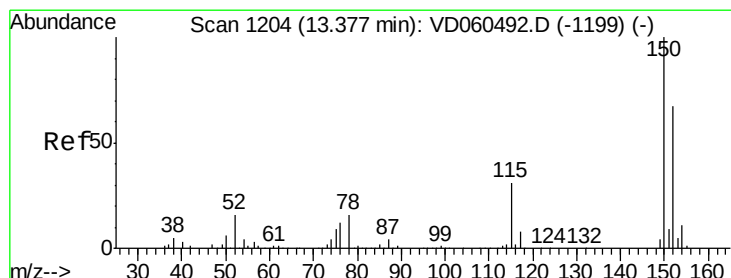
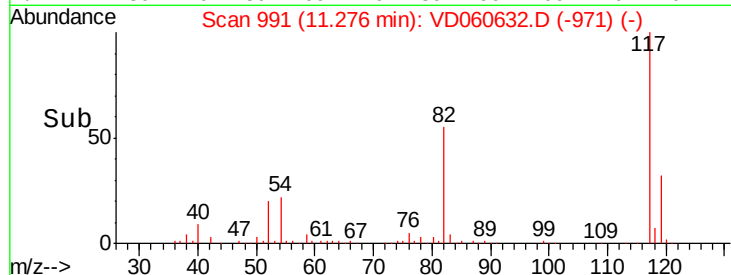
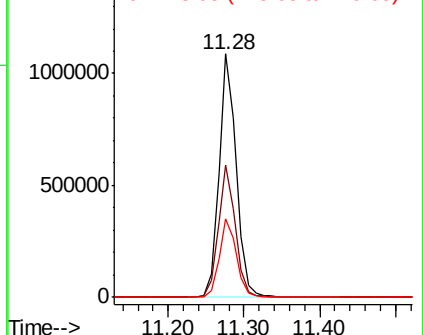
119 32.3 26.1 39.1



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: 13.37 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

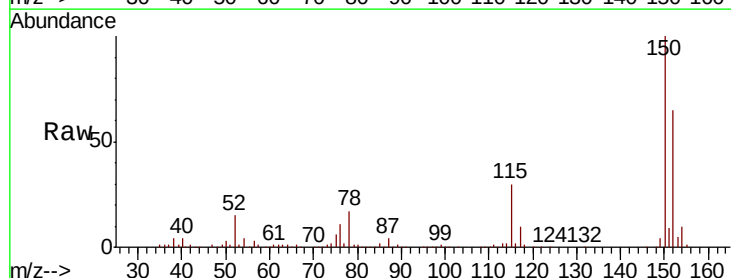
Tgt Ion:152 Resp: 875156

Ion Ratio Lower Upper

152 100

115 46.7 24.6 74.0

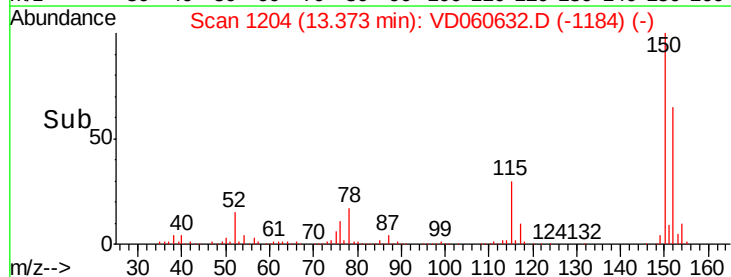
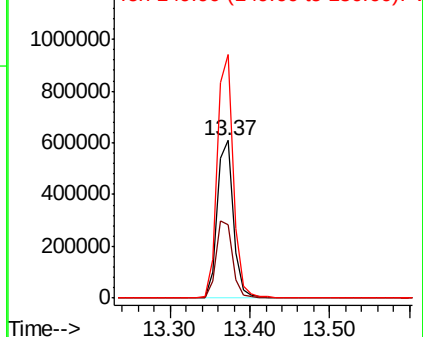
150 154.8 0.0 309.0

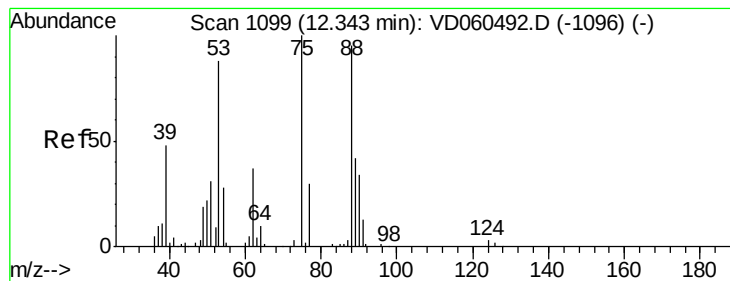


Abundance Ion 151.90 (151.60 to 152.60): V

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: 120.402 ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.07 min

Lab File: VD060632.D

Acq: 19 Dec 2018 11:09

Instrument :

MSVOA_D

ClientSampleId :

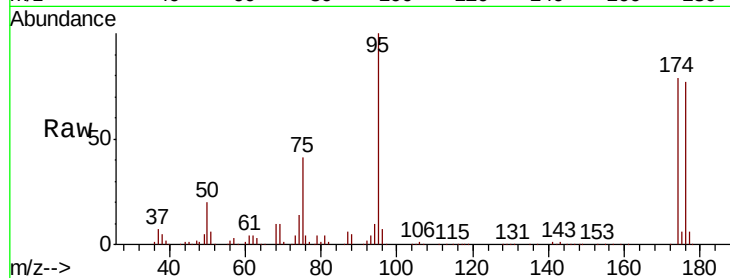
Tot Ion: 75 Resp: 332987

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

