

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102518\
 Data File : VD060199.D
 Acq On : 25 Oct 2018 17:10
 Operator : JC/SY
 Sample : J5658-03
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-001

Quant Time: Oct 26 03:43:01 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	6.40	168	1591994	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2148446	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1609283	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	657839	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	677741	56.16	ug/l	0.02
Spiked Amount			Recovery	=	112.32%	
35) Dibromofluoromethane	6.32	113	868540	53.24	ug/l	0.03
Spiked Amount			Recovery	=	106.48%	
50) Toluene-d8	9.45	98	2289959	49.22	ug/l	0.02
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.43	95	730431	41.93	ug/l	0.00
Spiked Amount			Recovery	=	83.86%	

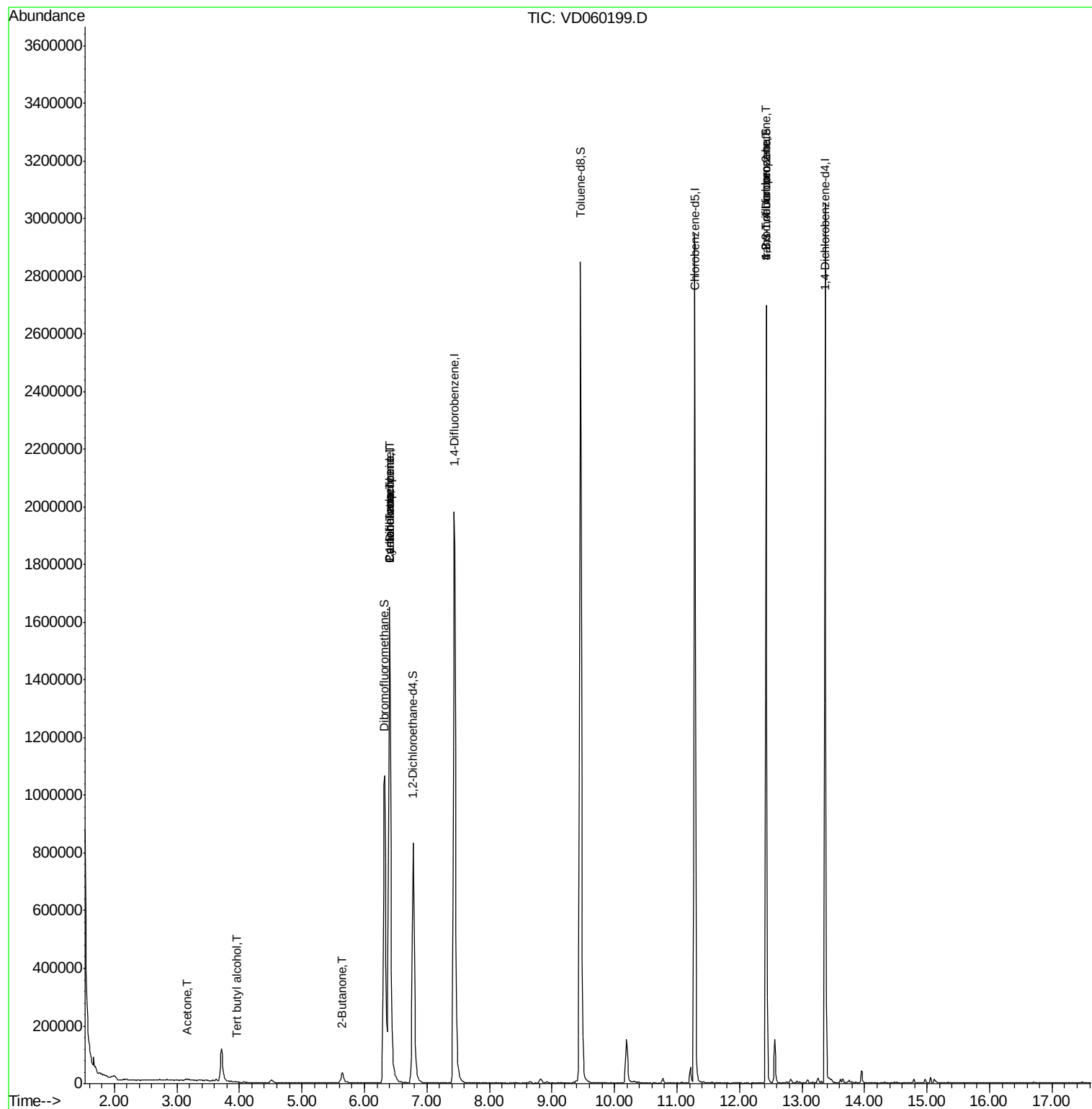
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.94	59	2295	2.652	ug/l #	74
16) Acetone	3.16	43	9132	4.170	ug/l	98
20) Methylene Chloride	3.72	84	73401	Below Cal		96
25) 2-Butanone	5.64	43	7496	1.370	ug/l #	59
31) Cyclohexane	6.39	56	29513	1.129	ug/l #	1
36) 1,1-Dichloropropene	6.40	75	109776	5.347	ug/l #	47
38) Carbon Tetrachloride	6.40	117	124844	6.700	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	283237	29.897	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	294150	110.500	ug/l #	13

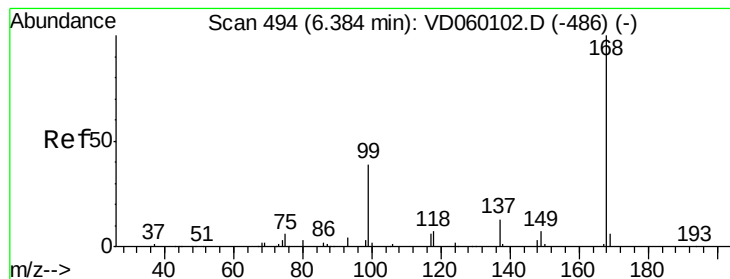
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102518\
Data File : VD060199.D
Acq On : 25 Oct 2018 17:10
Operator : JC/SY
Sample : J5658-03
Misc : 5.08g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-001

Quant Time: Oct 26 03:43:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 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: VD060199.D

Acq: 25 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

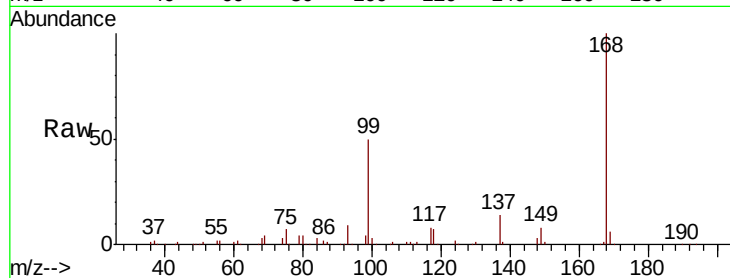
JC-TS-001

Tot Ion:168 Resp: 1591994

Ion Ratio Lower Upper

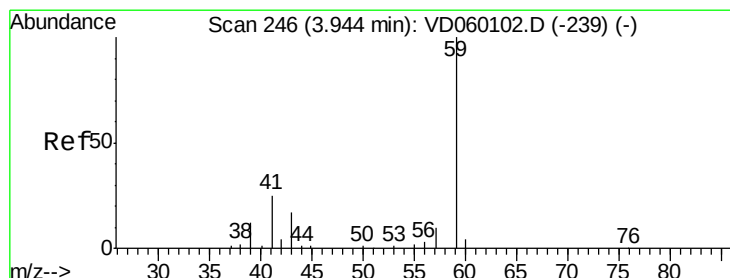
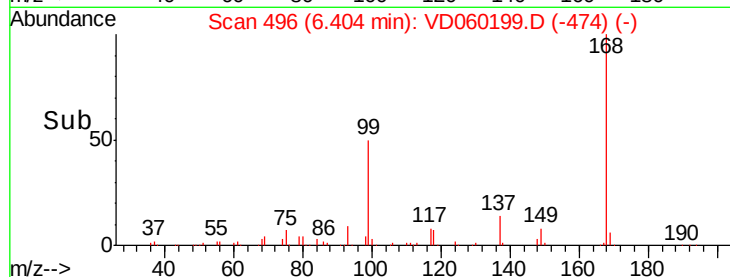
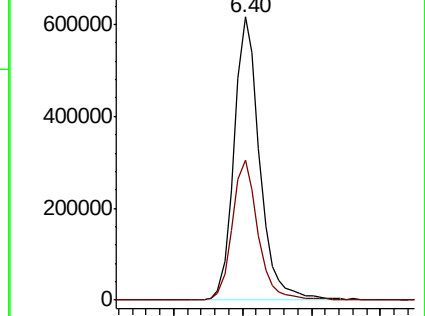
168 100

99 49.6 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#11

Tert butyl alcohol

Concen: 2.652 ug/l

RT: 3.94 min Scan# 246

Delta R.T. -0.00 min

Lab File: VD060199.D

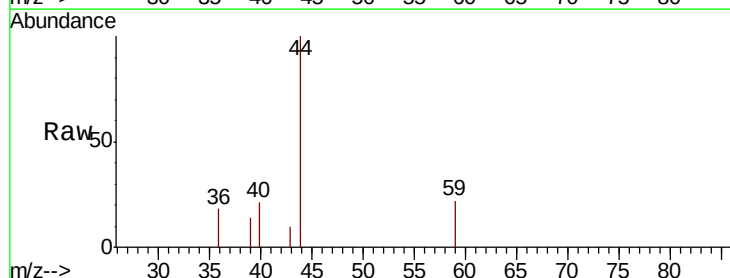
Acq: 25 Oct 2018 17:10

Tgt Ion: 59 Resp: 2295

Ion Ratio Lower Upper

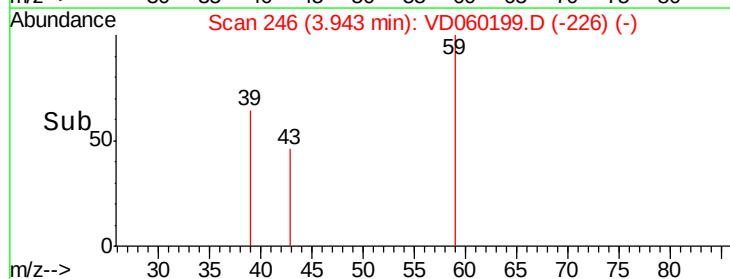
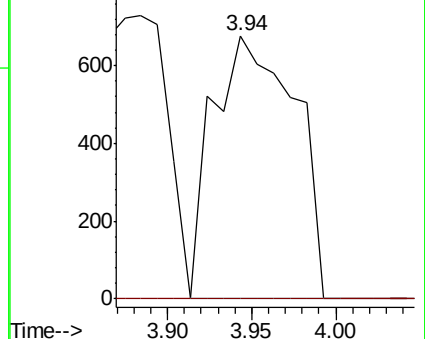
59 100

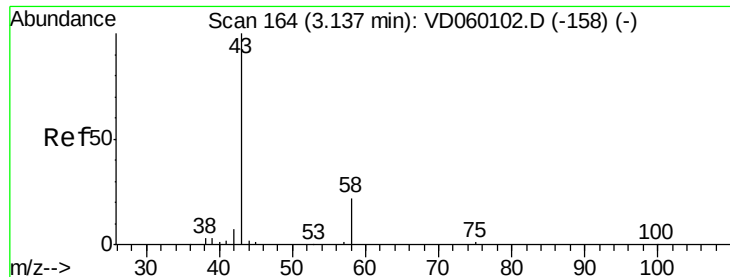
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 4.170 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060199.D

Acq: 25 Oct 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

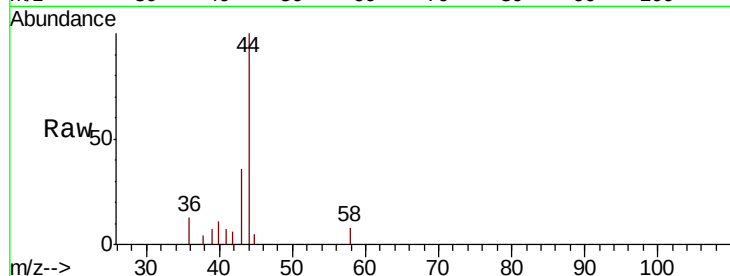
JC-TS-001

Tot Ion: 43 Resp: 9132

Ion Ratio Lower Upper

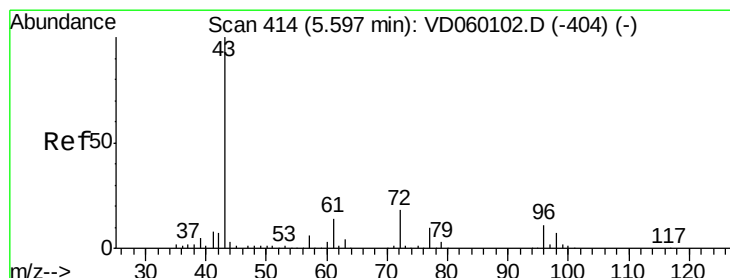
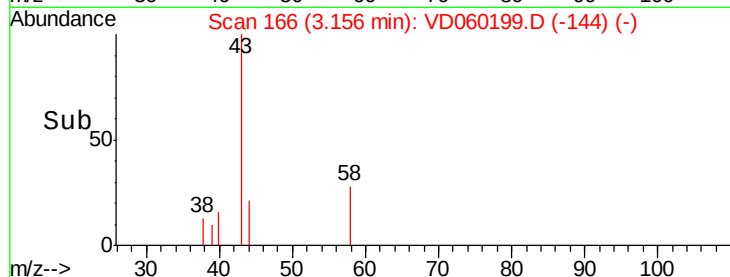
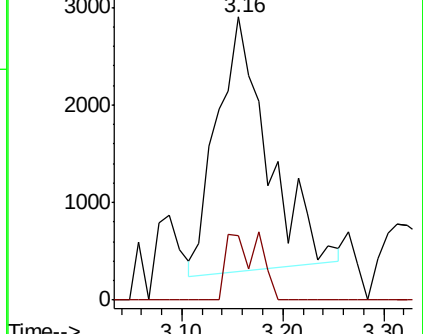
43 100

58 23.0 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#25

2-Butanone

Concen: 1.370 ug/l

RT: 5.64 min Scan# 418

Delta R.T. 0.04 min

Lab File: VD060199.D

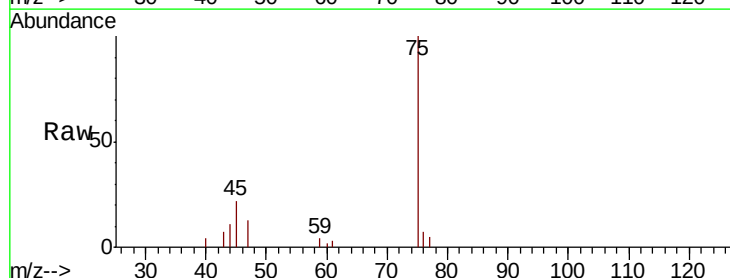
Acq: 25 Oct 2018 17:10

Tgt Ion: 43 Resp: 7496

Ion Ratio Lower Upper

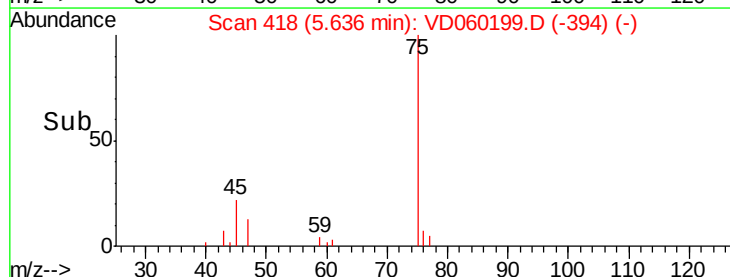
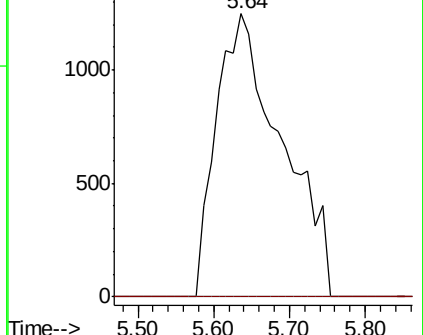
43 100

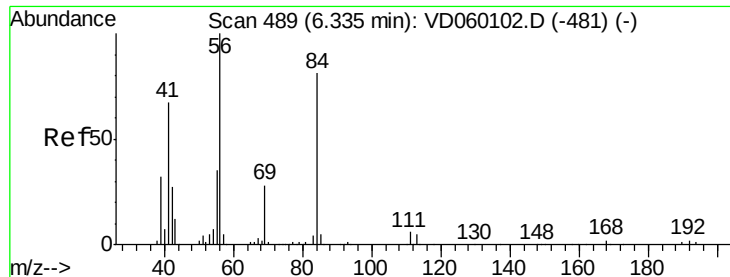
72 0.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

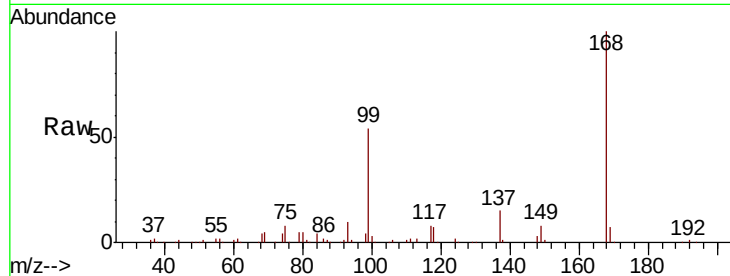




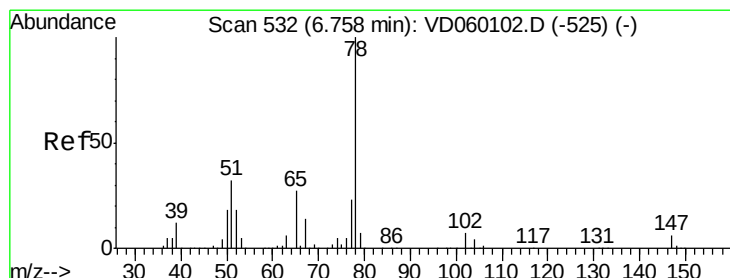
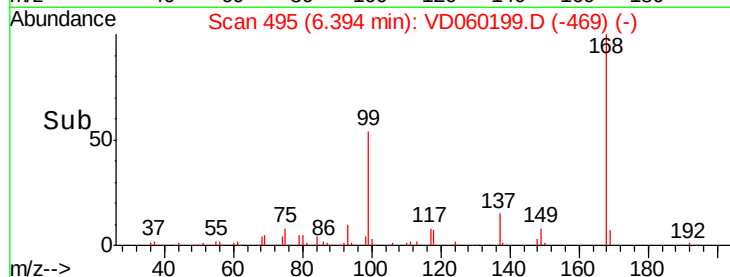
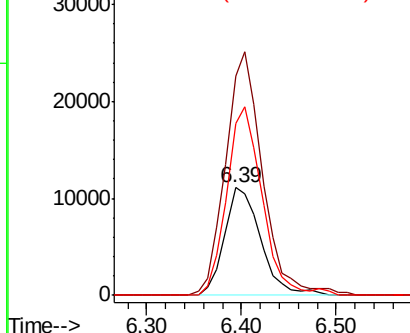
#31
Cyclohexane
Concen: 1.129 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060199.D
Acq: 25 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-001

Tot Ion: 56 Resp: 29513
Ion Ratio Lower Upper
56 100
69 203.9 22.8 34.2#
84 159.6 64.9 97.3#

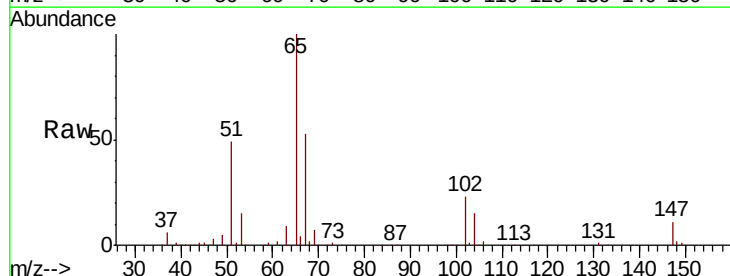


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

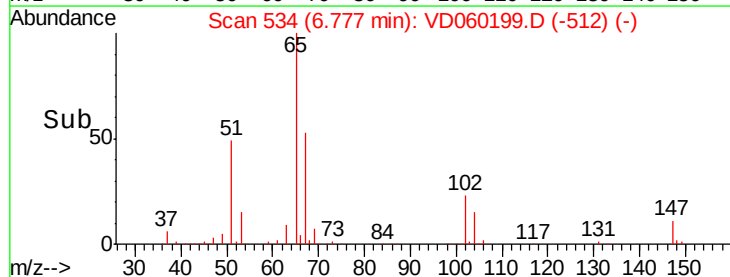
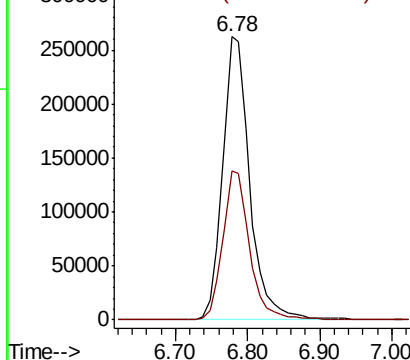


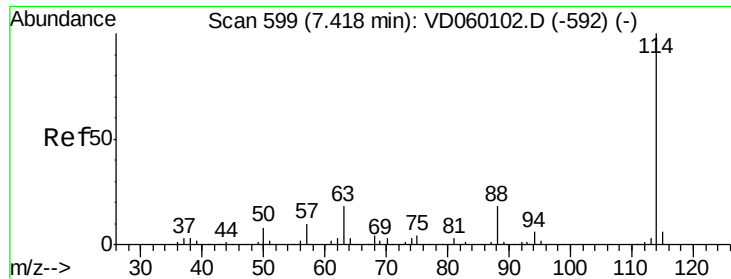
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.78 min Scan# 534
Delta R.T. 0.02 min
Lab File: VD060199.D
Acq: 25 Oct 2018 17:10

Tgt Ion: 65 Resp: 677741
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.2



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

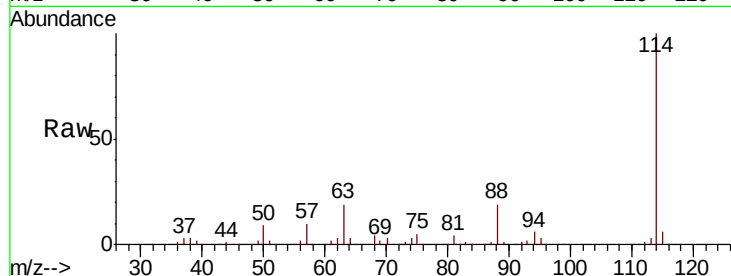




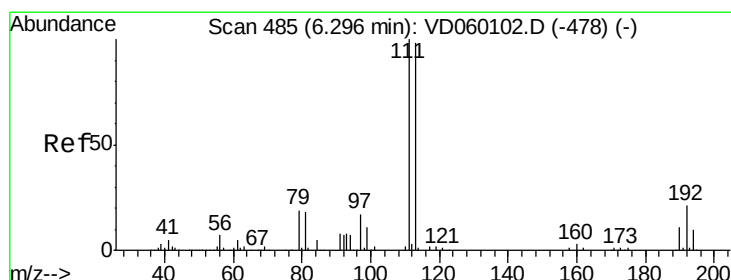
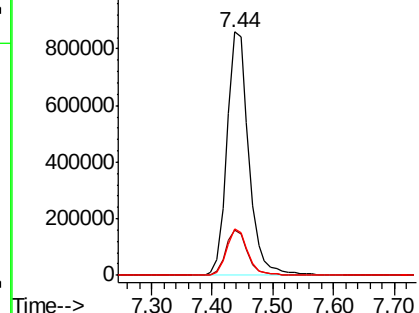
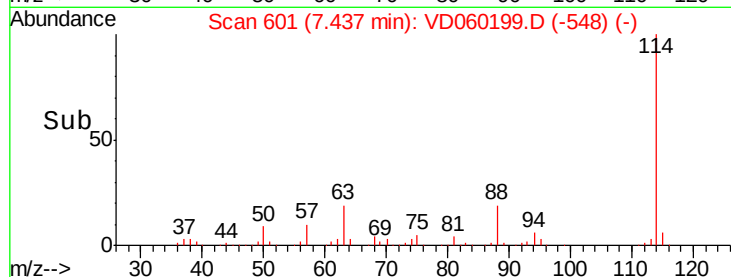
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060199.D
 Acq: 25 Oct 2018 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-001

Tot Ion:114 Resp: 2148446
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.0
 88 19.1 0.0 36.2

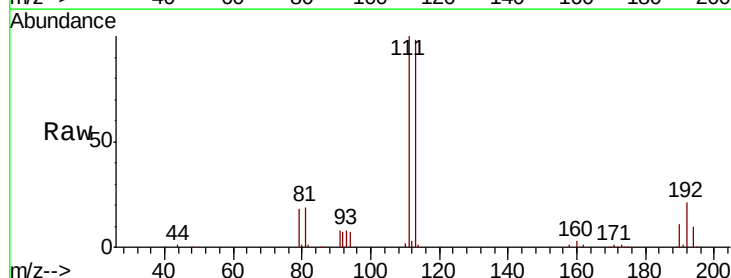


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

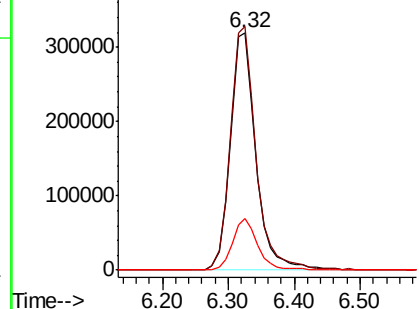
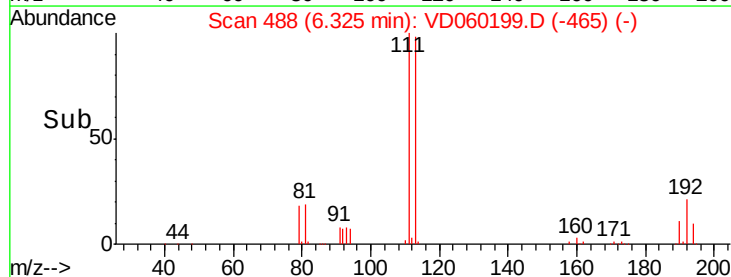


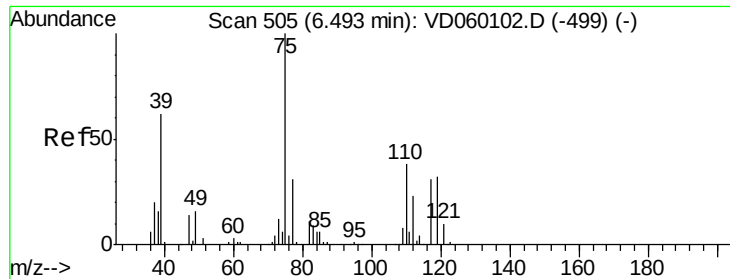
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 488
 Delta R.T. 0.03 min
 Lab File: VD060199.D
 Acq: 25 Oct 2018 17:10

Tgt Ion:113 Resp: 868540
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 21.6 17.4 26.0



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

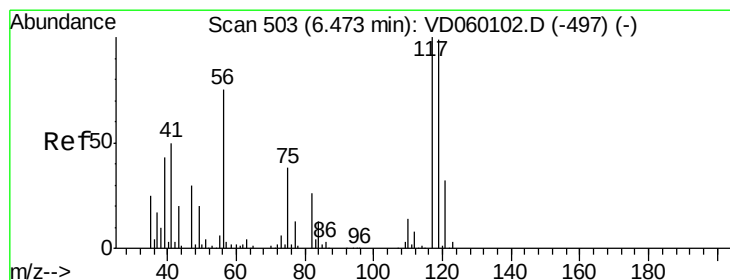
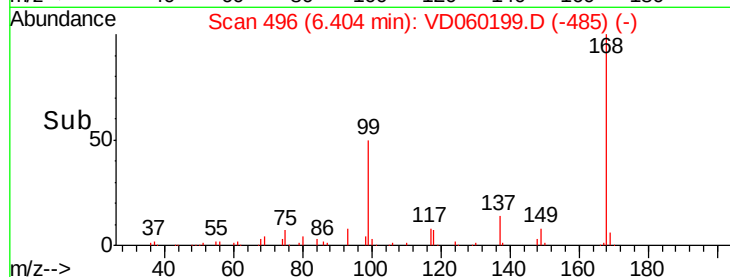
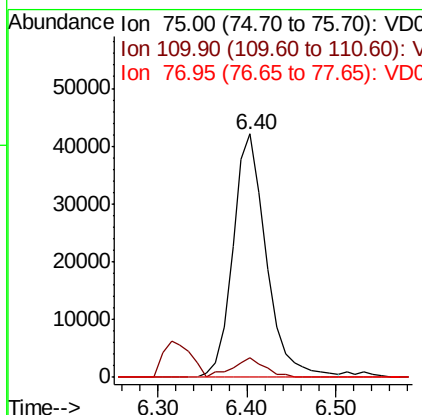
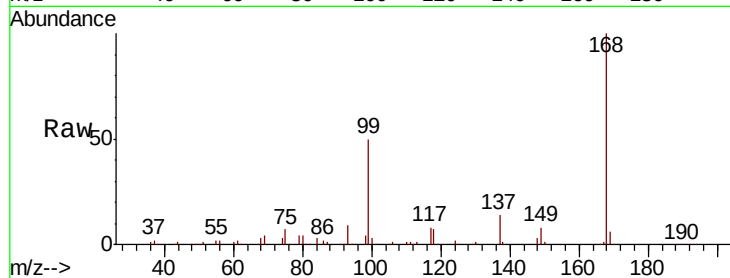




#36
 1,1-Dichloropropene
 Concen: 5.347 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.09 min
 Lab File: VD060199.D
 Acq: 25 Oct 2018 17:10

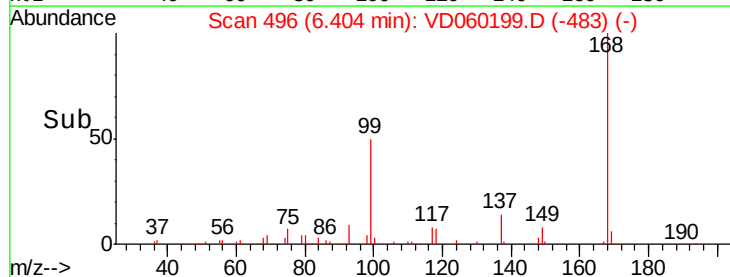
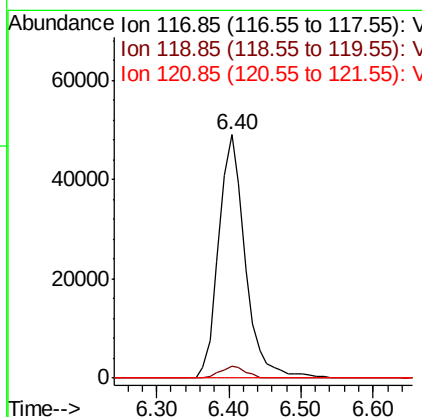
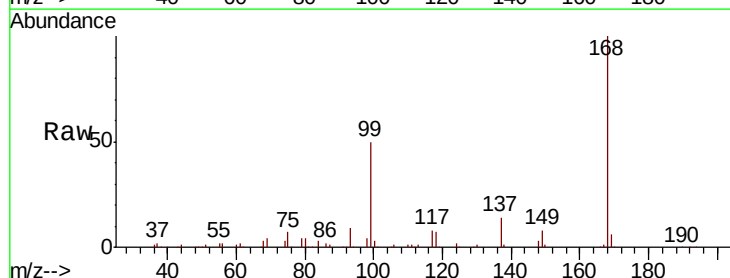
Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-001

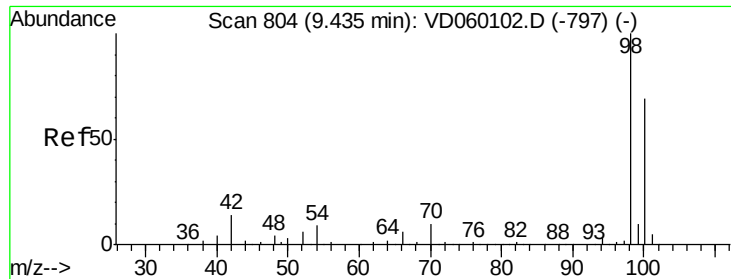
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.9	19.0	57.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.700 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.07 min
 Lab File: VD060199.D
 Acq: 25 Oct 2018 17:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.8	116.6#
121	0.0	24.8	37.2#

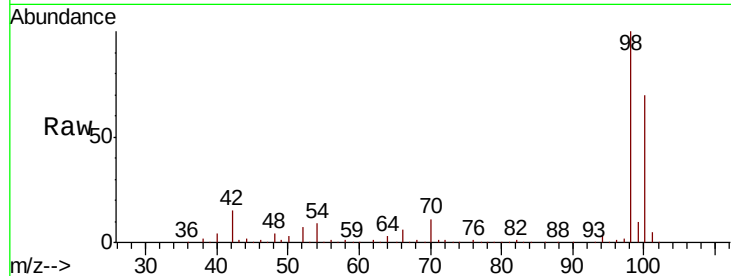




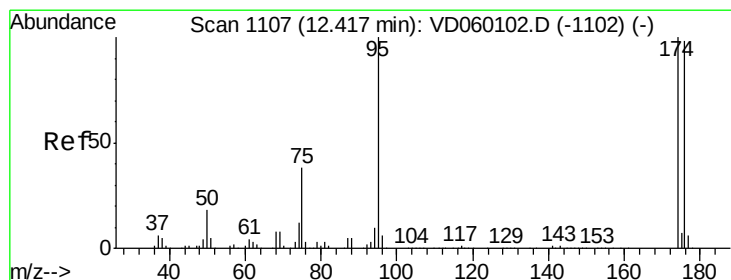
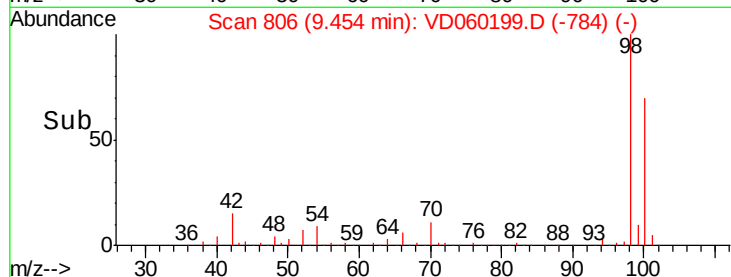
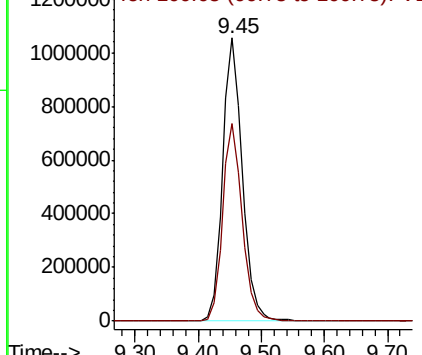
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. 0.02 min
Lab File: VD060199.D
Acq: 25 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-001

Tot Ion: 98 Resp: 2289959
Ion Ratio Lower Upper
98 100
100 69.7 55.4 83.0

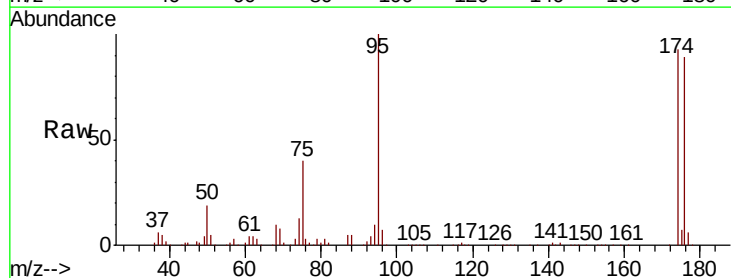


Abundance Ion 98.05 (97.75 to 98.75): VD060102.D (-797) (-)
Ion 100.05 (99.75 to 100.75): VD060102.D (-797) (-)

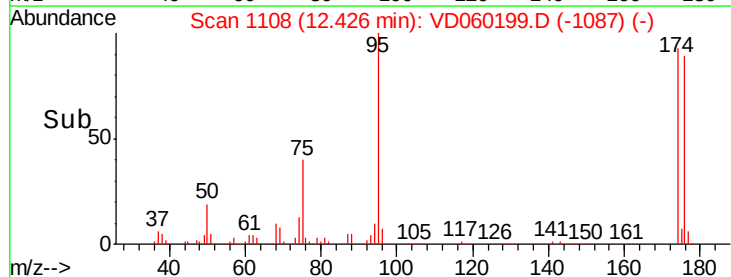
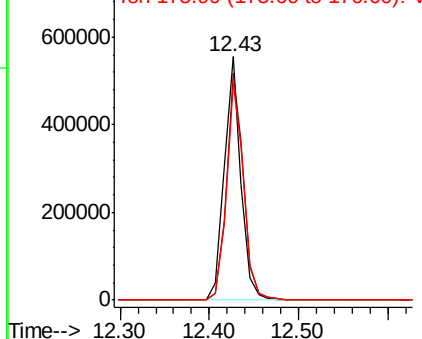


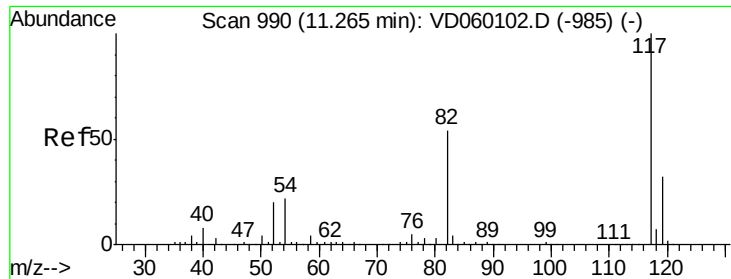
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060199.D
Acq: 25 Oct 2018 17:10

Tgt Ion: 95 Resp: 730431
Ion Ratio Lower Upper
95 100
174 93.4 0.0 200.2
176 88.9 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD060102.D (-1102) (-)
Ion 173.90 (173.60 to 174.60): VD060102.D (-1102) (-)
Ion 175.90 (175.60 to 176.60): VD060102.D (-1102) (-)

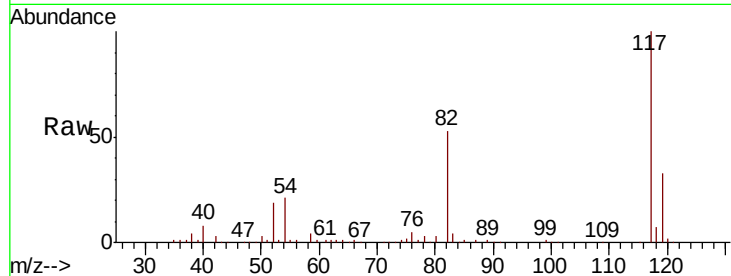




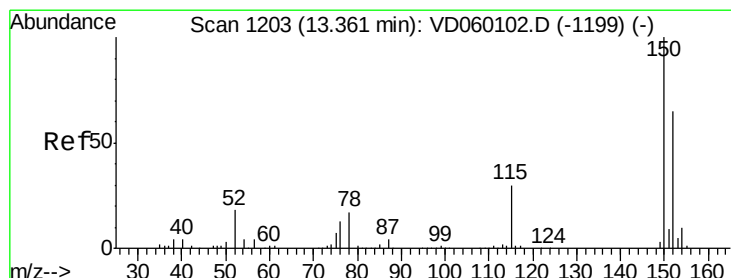
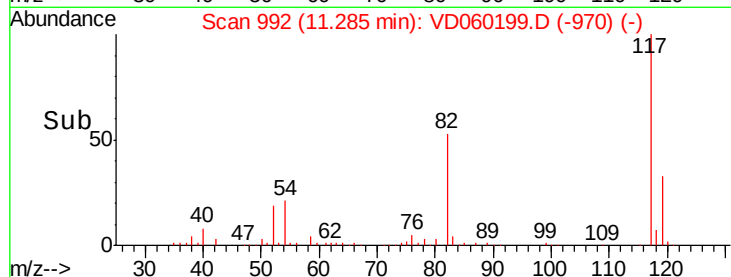
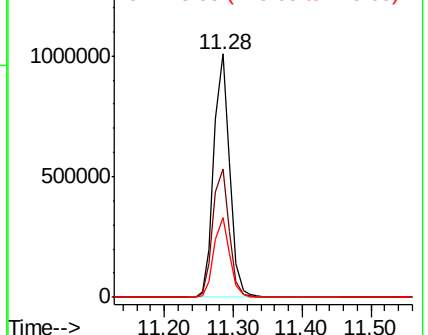
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060199.D
Acq: 25 Oct 2018 17:10

Instrument :
MSVOA_D
ClientSampleId :
JC-TS-001

Tot Ion:117 Resp: 1609283
Ion Ratio Lower Upper
117 100
82 53.0 43.4 65.2
119 32.7 26.0 39.0

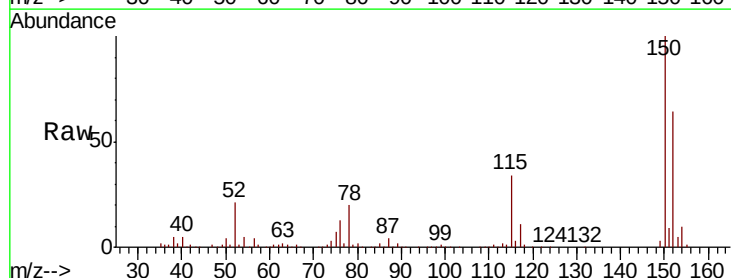


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

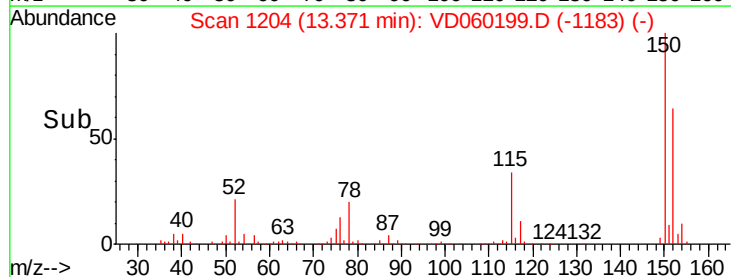
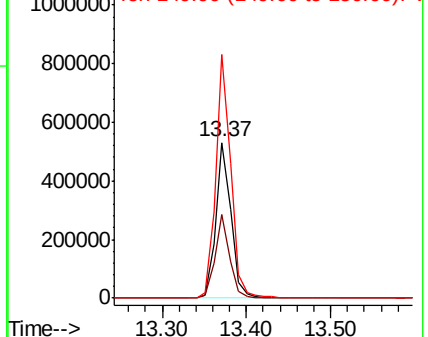


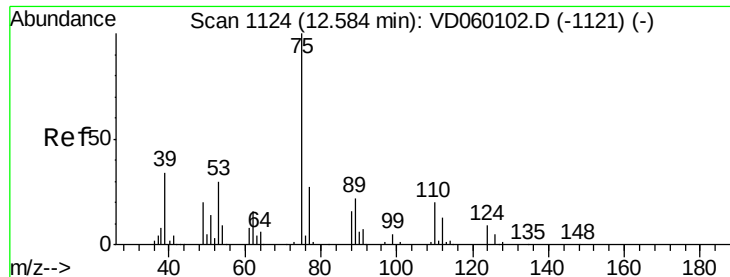
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060199.D
Acq: 25 Oct 2018 17:10

Tgt Ion:152 Resp: 657839
Ion Ratio Lower Upper
152 100
115 53.8 27.1 81.2
150 156.4 0.0 311.8



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

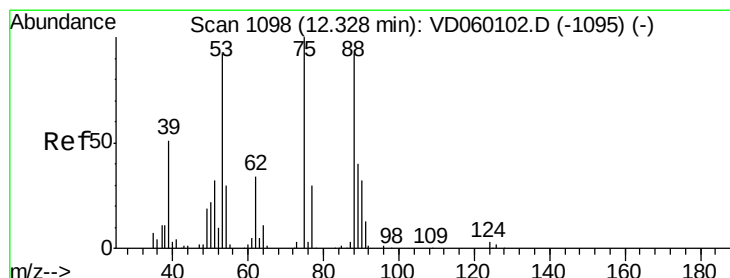
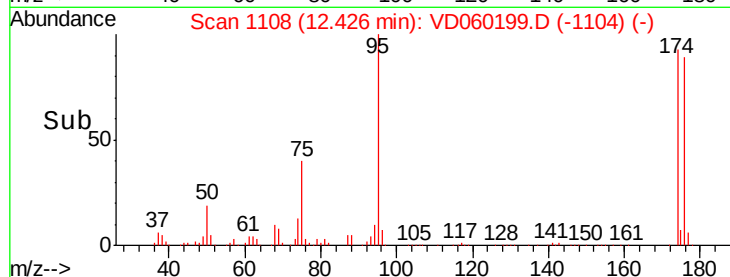
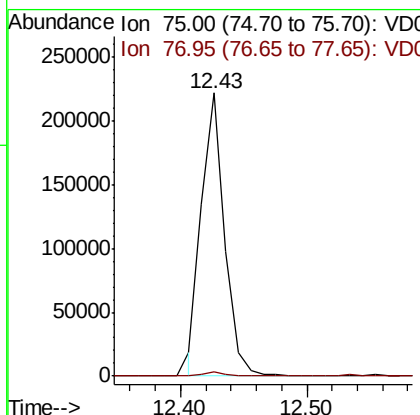
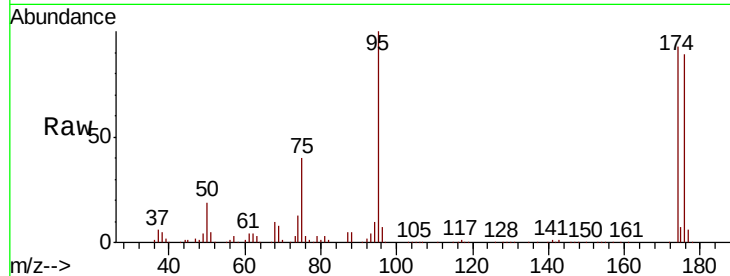




#76
 1,2,3-Trichloropropane
 Concen: 29.897 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. -0.16 min
 Lab File: VD060199.D
 Acq: 25 Oct 2018 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 JC-TS-001

Tot Ion: 75 Resp: 283237
 Ion Ratio Lower Upper
 75 100
 77 1.4 16.3 48.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.500 ug/l
 RT: 12.43 min Scan# 1108
 Delta R.T. 0.10 min
 Lab File: VD060199.D
 Acq: 25 Oct 2018 17:10

Tgt Ion: 75 Resp: 294150
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.0 109.6#
 89 0.0 32.0 48.0#

