

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102418\
 Data File : VD060185.D
 Acq On : 24 Oct 2018 16:46
 Operator : JC/SY
 Sample : J5198-21
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-102318-A

Quant Time: Oct 25 03:35:55 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

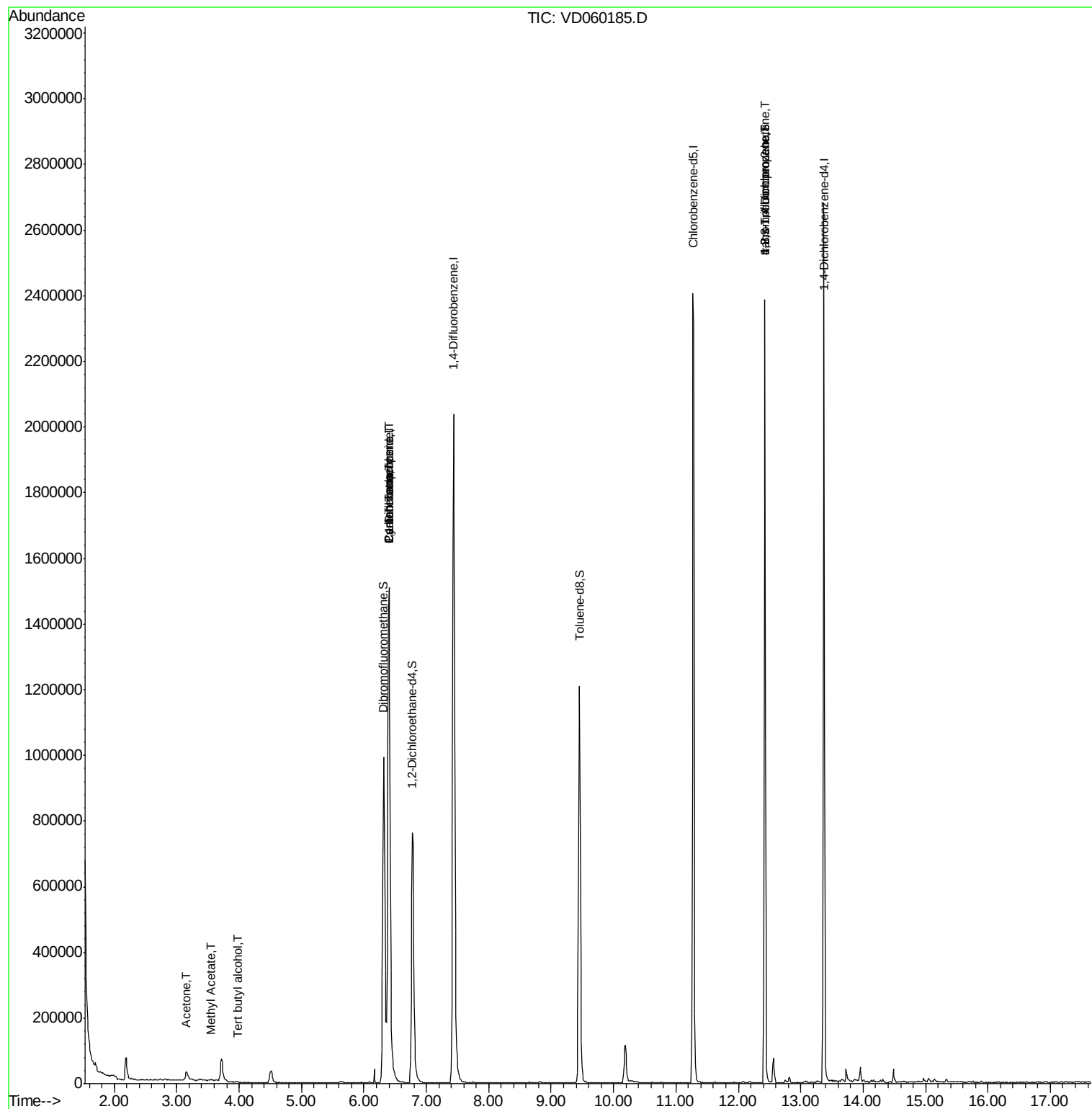
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1562026	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2201835	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1407436	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	615732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	673945	56.92	ug/l	0.02
Spiked Amount 50.000			Recovery	=	113.84%	
35) Dibromofluoromethane	6.31	113	818335	48.94	ug/l	0.02
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	9.45	98	985868	20.68	ug/l	0.02
Spiked Amount 50.000			Recovery	=	41.36%	
62) 4-Bromofluorobenzene	12.43	95	673298	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.96	59	1348	1.587	ug/l #	74
16) Acetone	3.16	43	60905	28.348	ug/l	95
18) Methyl Acetate	3.55	43	4994	1.081	ug/l #	63
20) Methylene Chloride	3.72	84	43173	Below Cal		97
31) Cyclohexane	6.39	56	30615	1.193	ug/l #	1
36) 1,1-Dichloropropene	6.39	75	107372	5.103	ug/l #	46
38) Carbon Tetrachloride	6.40	117	121837	6.380	ug/l #	15
76) 1,2,3-Trichloropropane	12.43	75	251309	28.341	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.43	75	270530	108.577	ug/l #	13

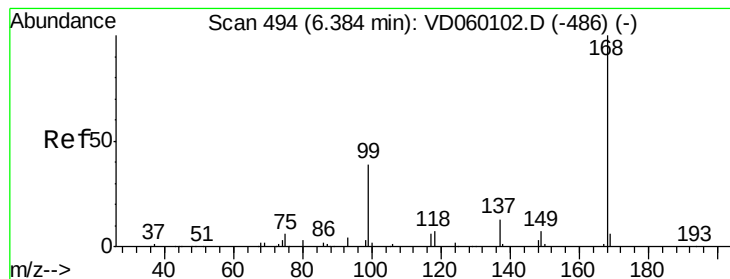
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD060185.D

Acq: 24 Oct 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

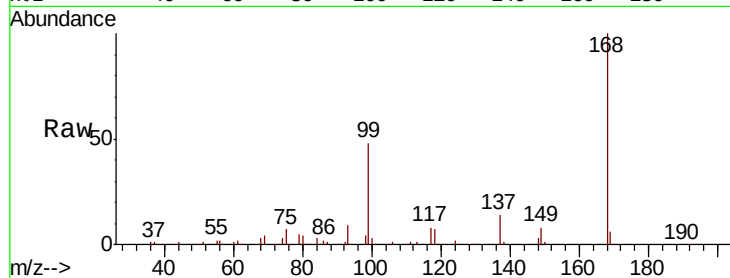
CL-01-102318-A

Tot Ion:168 Resp: 1562026

Ion Ratio Lower Upper

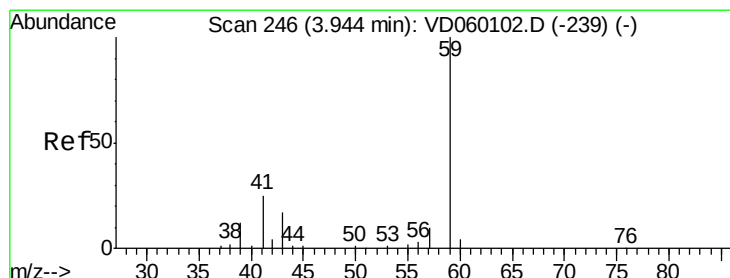
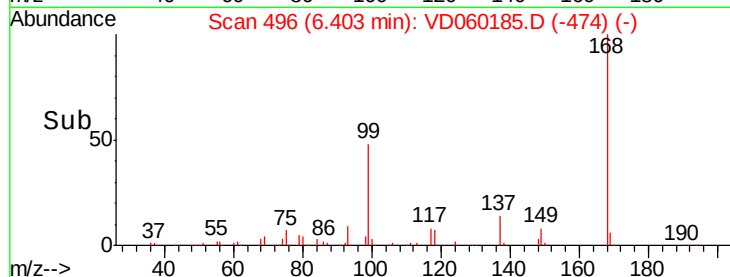
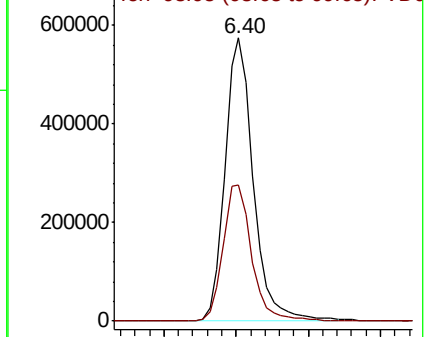
168 100

99 48.0 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: 1.587 ug/l

RT: 3.96 min Scan# 248

Delta R.T. 0.02 min

Lab File: VD060185.D

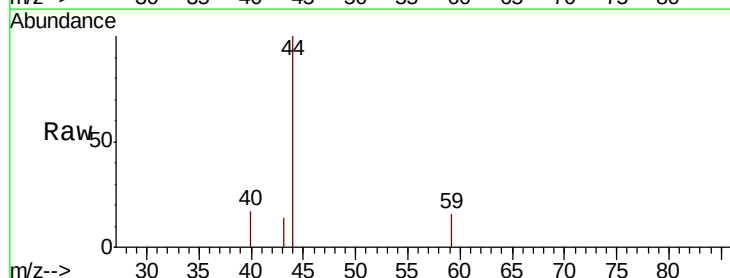
Acq: 24 Oct 2018 16:46

Tgt Ion: 59 Resp: 1348

Ion Ratio Lower Upper

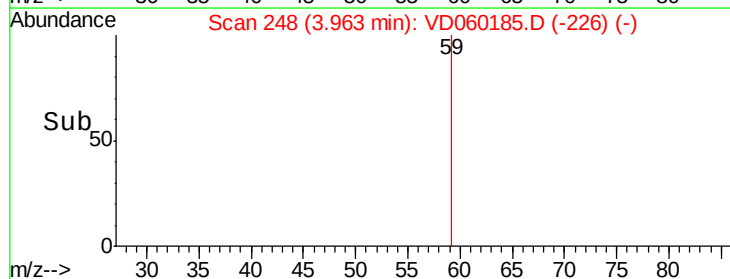
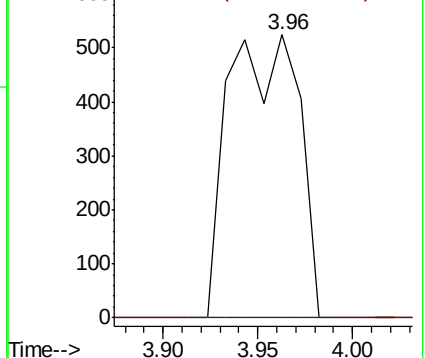
59 100

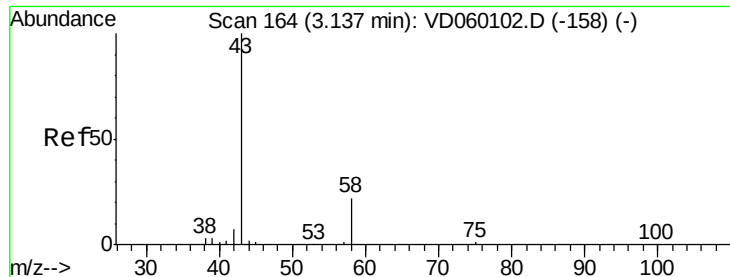
57 0.0 7.8 11.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC





#16

Acetone

Concen: 28.348 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060185.D

Acq: 24 Oct 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

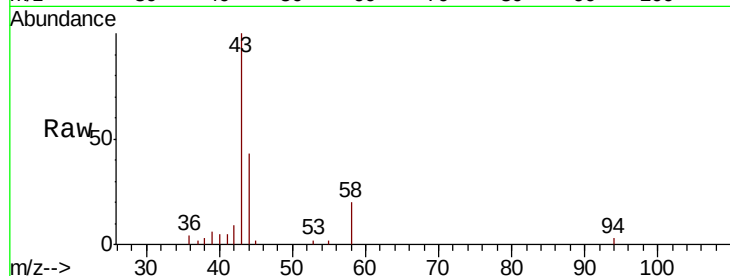
CL-01-102318-A

Tot Ion: 43 Resp: 60905

Ion Ratio Lower Upper

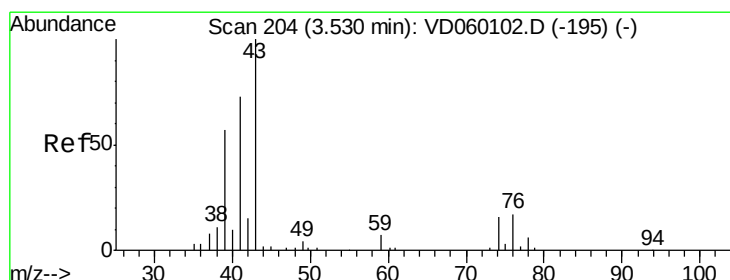
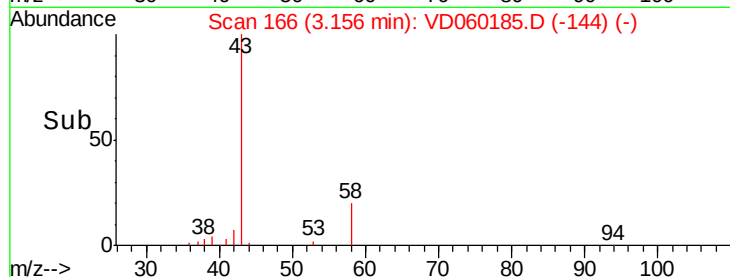
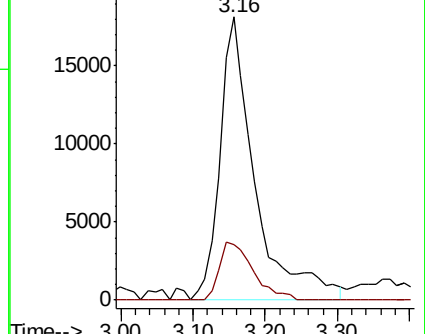
43 100

58 19.5 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Methyl Acetate

Concen: 1.081 ug/l

RT: 3.55 min Scan# 206

Delta R.T. 0.02 min

Lab File: VD060185.D

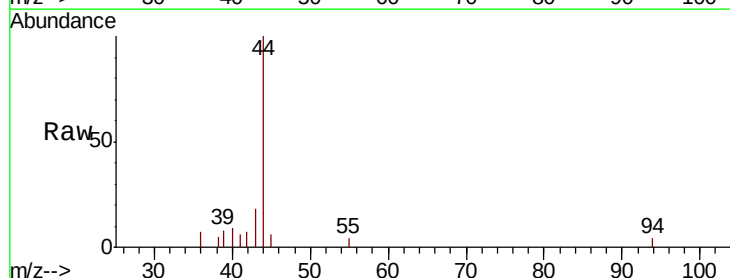
Acq: 24 Oct 2018 16:46

Tgt Ion: 43 Resp: 4994

Ion Ratio Lower Upper

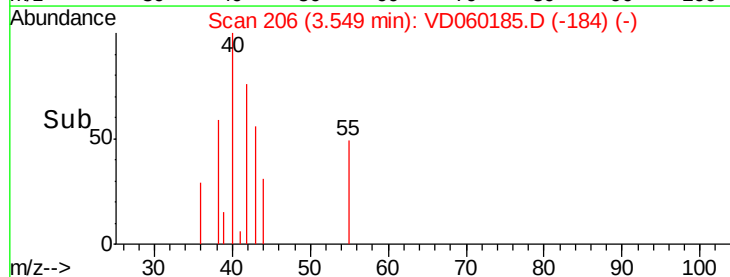
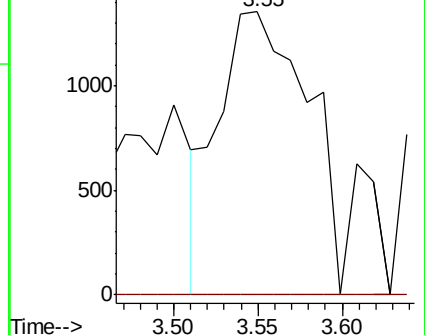
43 100

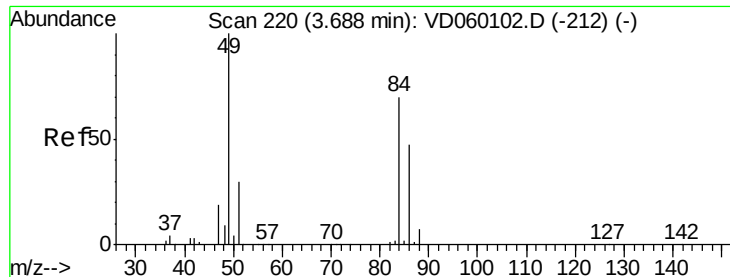
74 0.0 12.6 19.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

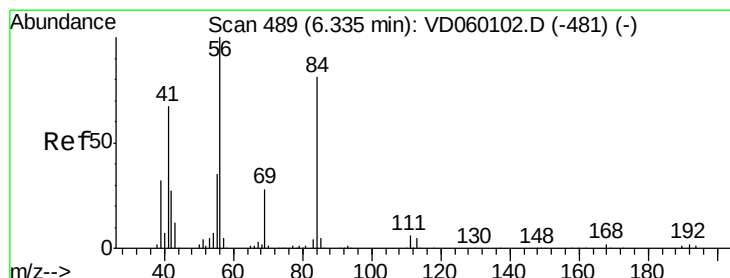
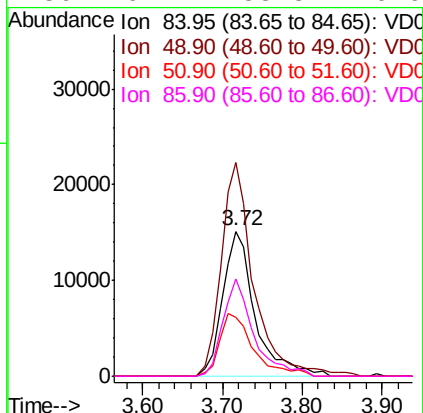
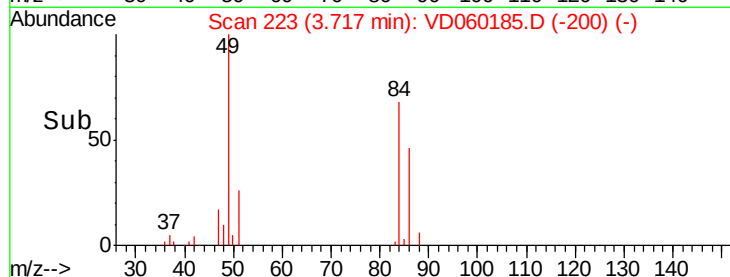
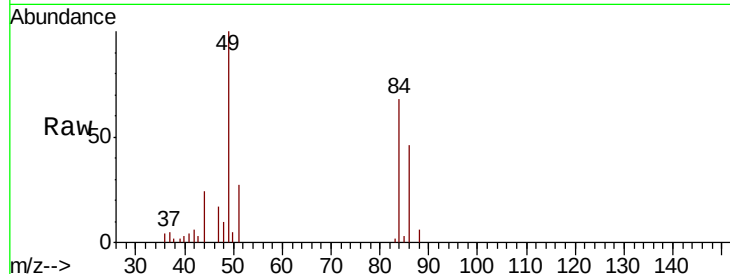




#20
Methylene Chloride
Concen: Below Cal
RT: 3.72 min Scan# 223
Delta R.T. 0.03 min
Lab File: VD060185.D
Acq: 24 Oct 2018 16:46

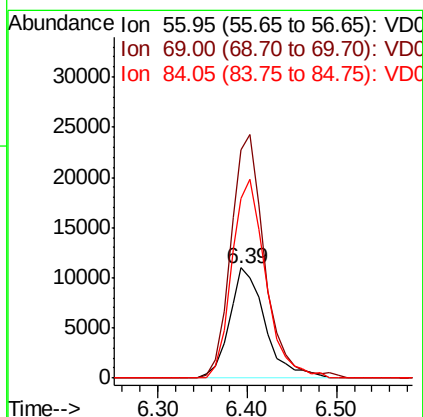
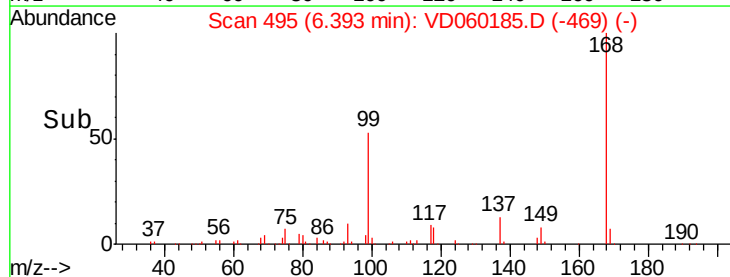
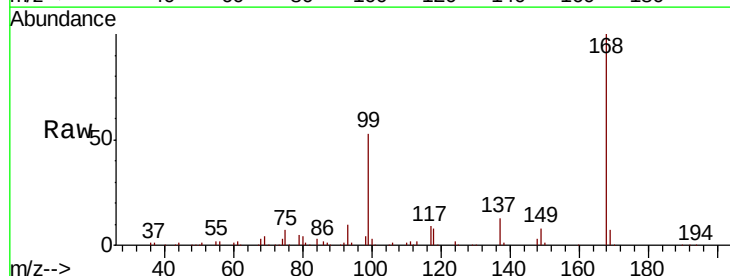
Instrument :
MSVOA_D
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CL-01-102318-A

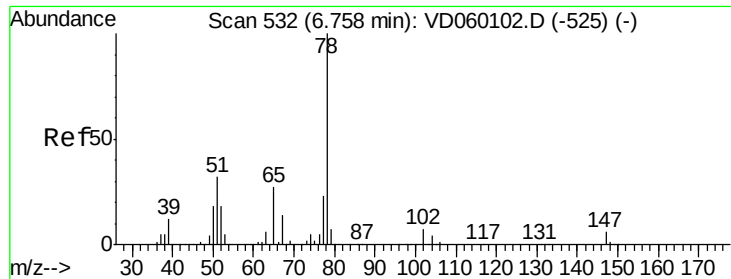
Tot Ion:	84	Resp:	43173
Ion	Ratio	Lower	Upper
84	100		
49	147.5	114.6	172.0
51	40.5	33.8	50.8
86	67.4	53.3	79.9



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 6.39 min Scan# 495
Delta R.T. 0.06 min
Lab File: VD060185.D
Acq: 24 Oct 2018 16:46

Tgt Ion:	56	Resp:	30615
Ion	Ratio	Lower	Upper
56	100		
69	207.5	22.8	34.2#
84	162.9	64.9	97.3#

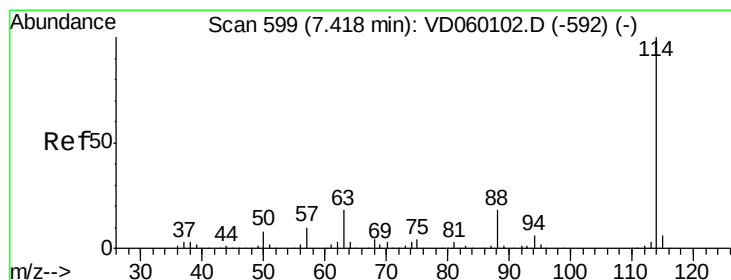
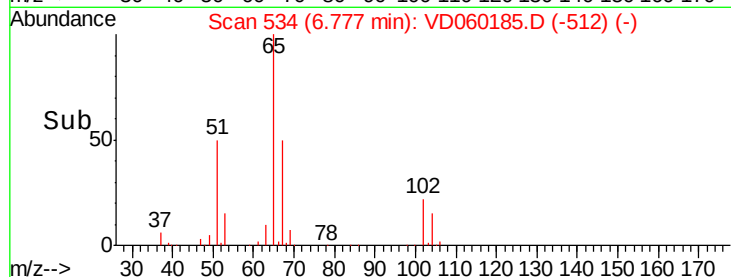
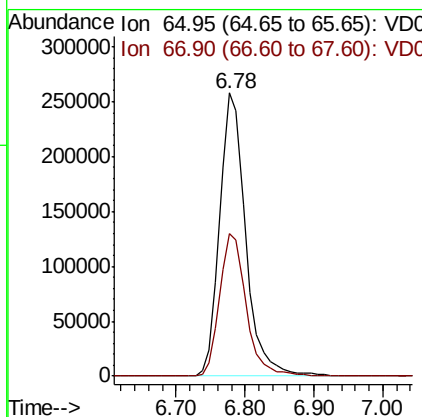
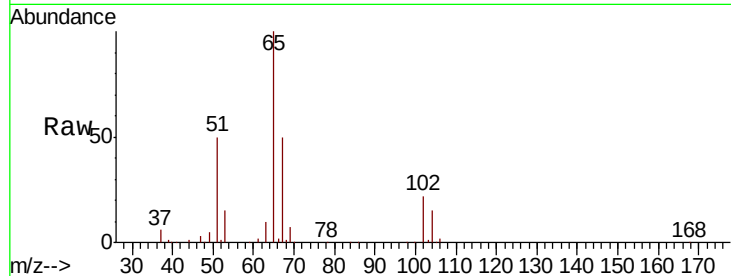




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060185.D
 Acq: 24 Oct 2018 16:46

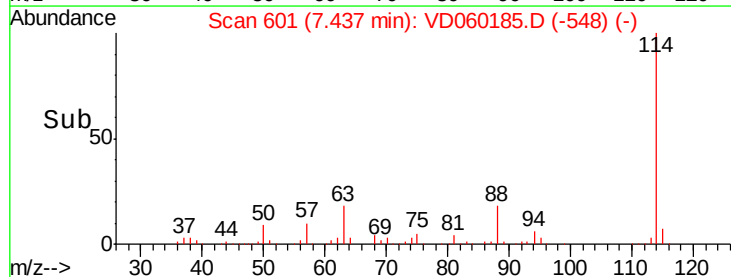
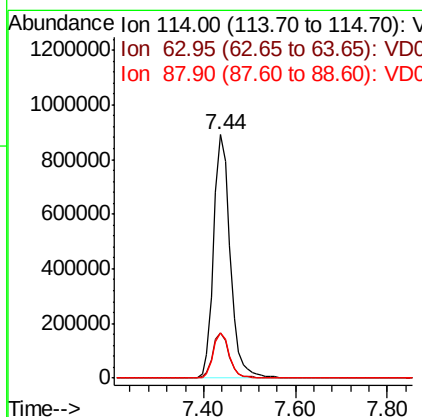
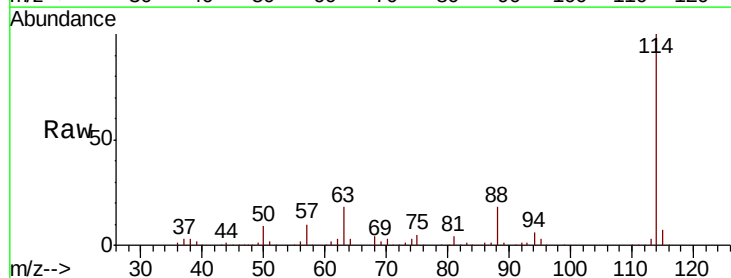
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-102318-A

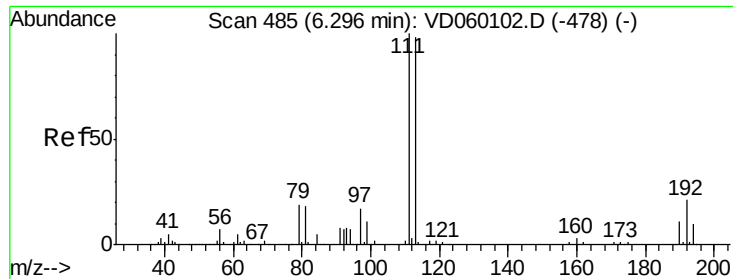
Tot Ion: 65 Resp: 673945
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060185.D
 Acq: 24 Oct 2018 16:46

Tgt Ion: 114 Resp: 2201835
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 36.0
 88 18.4 0.0 36.2

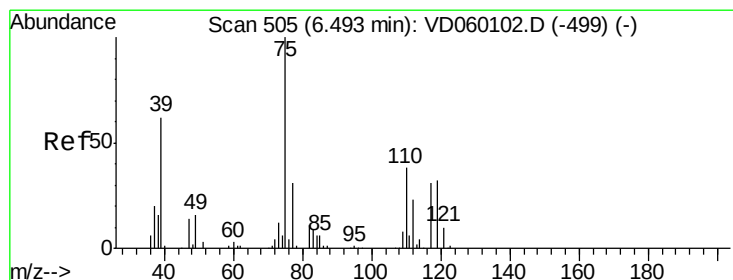
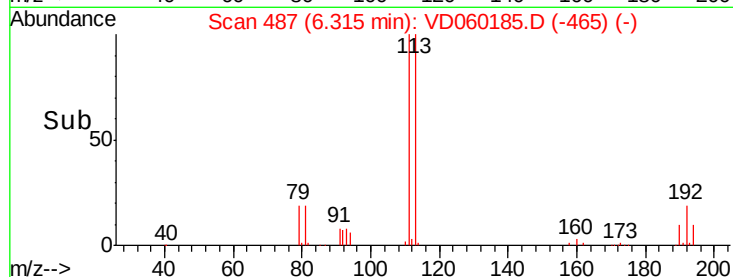
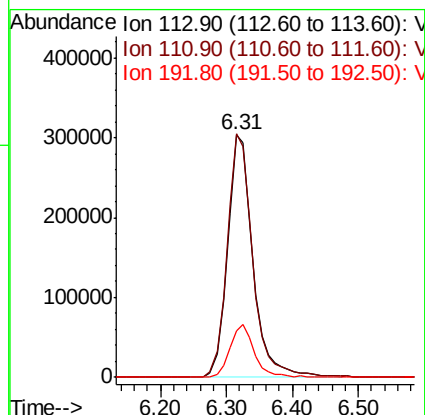
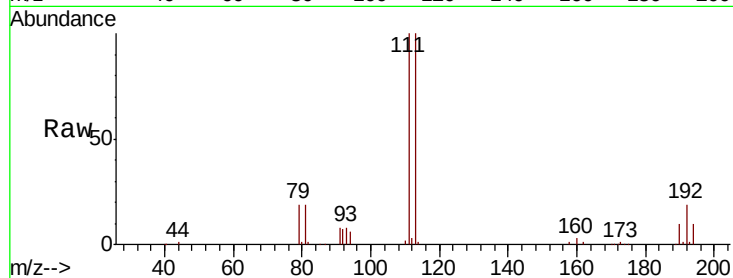




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060185.D
 Acq: 24 Oct 2018 16:46

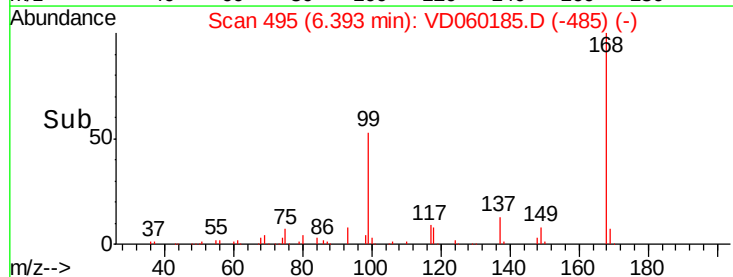
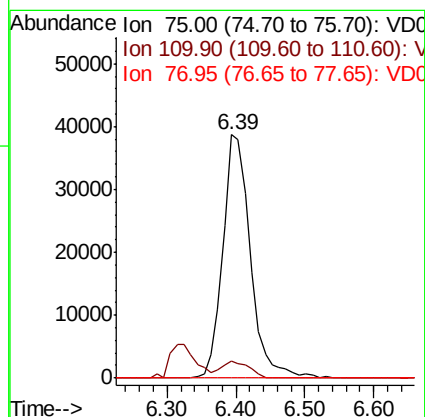
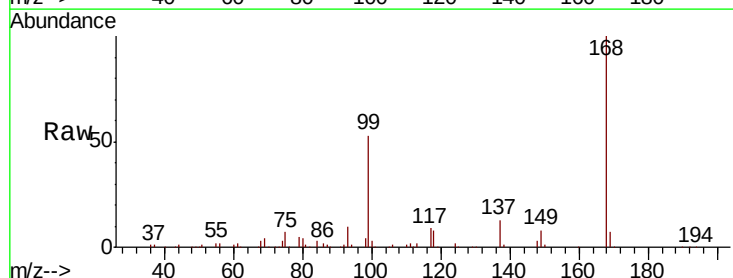
Instrument :
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 ClientSampleId :
 CL-01-102318-A

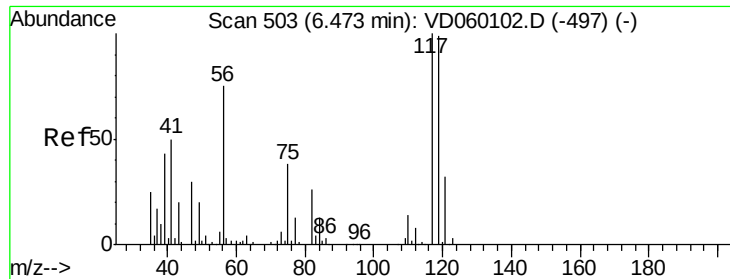
Tot Ion:113 Resp: 818335
 Ion Ratio Lower Upper
 113 100
 111 100.4 81.5 122.3
 192 19.4 17.4 26.0



#36
 1,1-Dichloropropene
 Concen: 5.103 ug/l
 RT: 6.39 min Scan# 495
 Delta R.T. -0.10 min
 Lab File: VD060185.D
 Acq: 24 Oct 2018 16:46

Tgt Ion: 75 Resp: 107372
 Ion Ratio Lower Upper
 75 100
 110 7.2 19.0 57.0#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.380 ug/l

RT: 6.40 min Scan# 496

Delta R.T. -0.07 min

Lab File: VD060185.D

Acq: 24 Oct 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

CL-01-102318-A

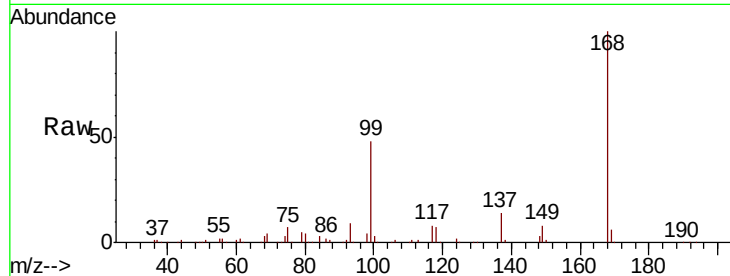
Tot Ion:117 Resp: 121837

Ion Ratio Lower Upper

117 100

119 4.2 77.8 116.6#

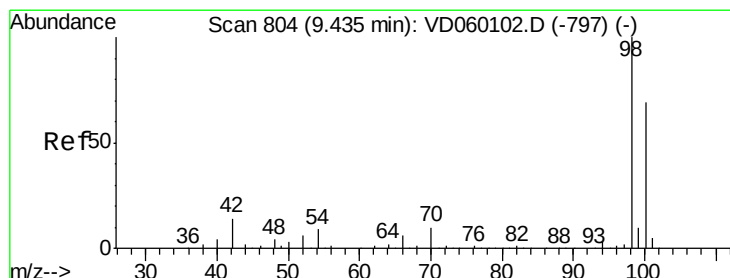
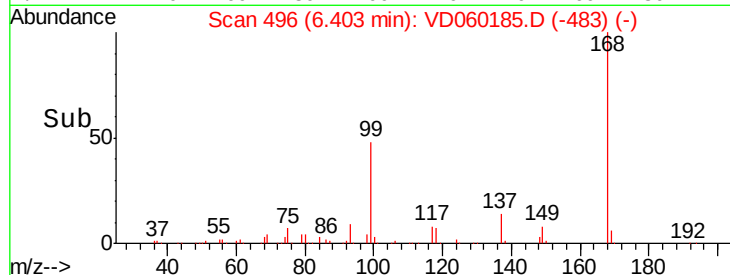
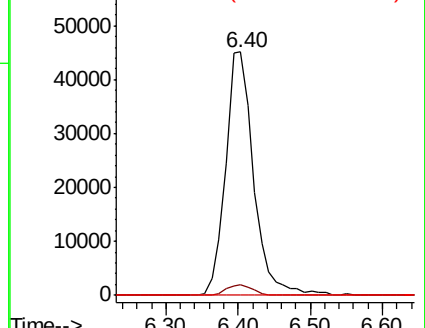
121 0.0 24.8 37.2#



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: 9.45 min Scan# 806

Delta R.T. 0.02 min

Lab File: VD060185.D

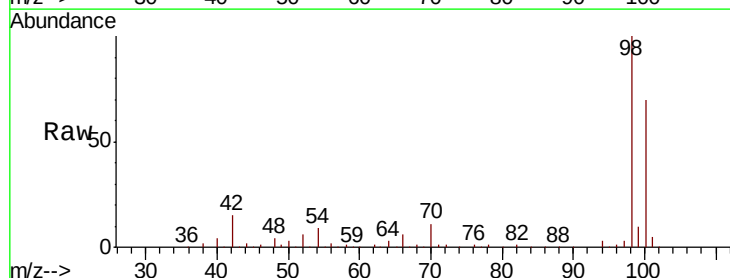
Acq: 24 Oct 2018 16:46

Tgt Ion: 98 Resp: 985868

Ion Ratio Lower Upper

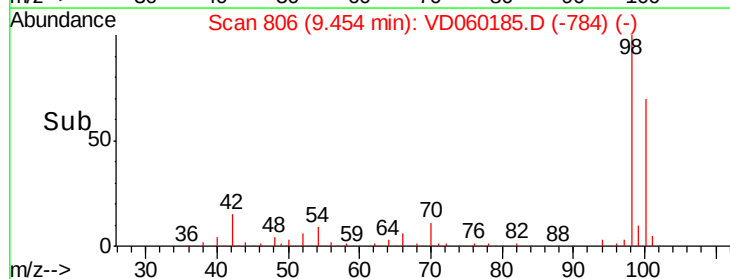
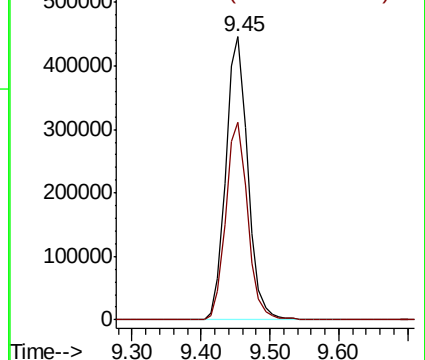
98 100

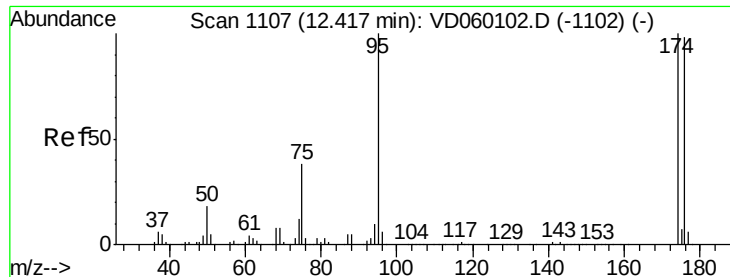
100 70.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

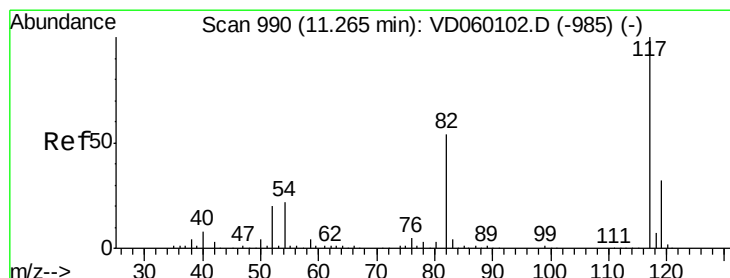
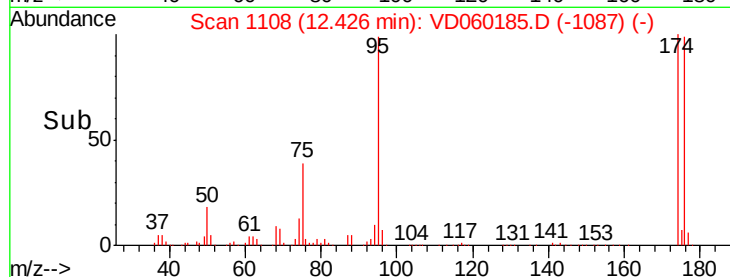
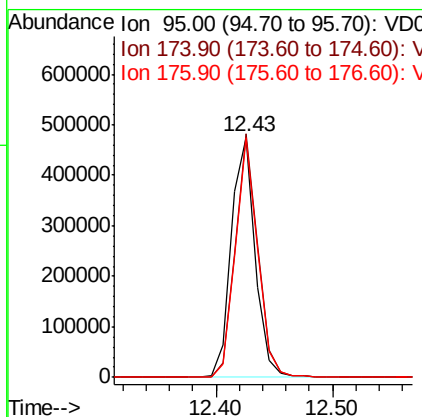
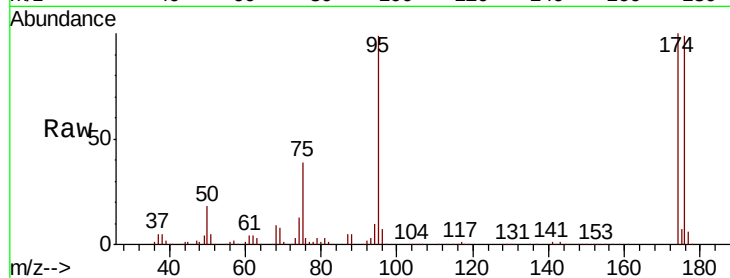




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060185.D
Acq: 24 Oct 2018 16:46

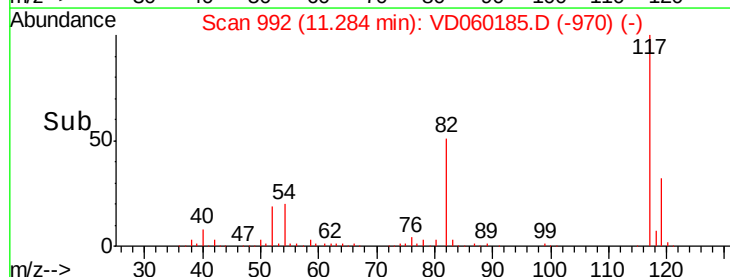
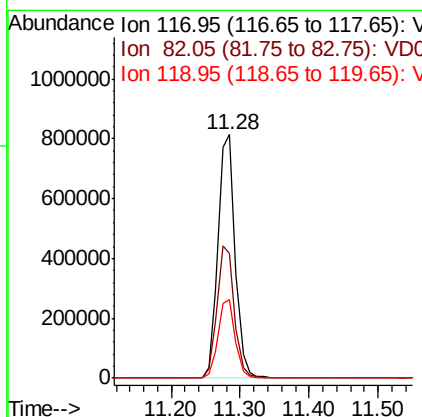
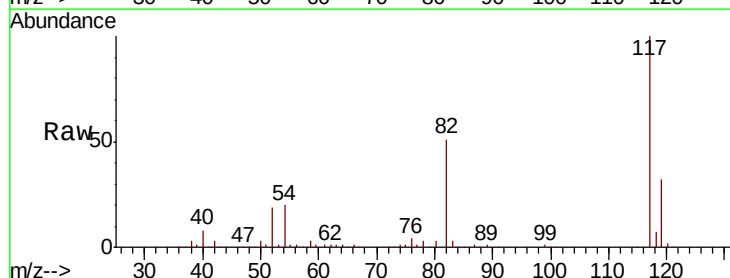
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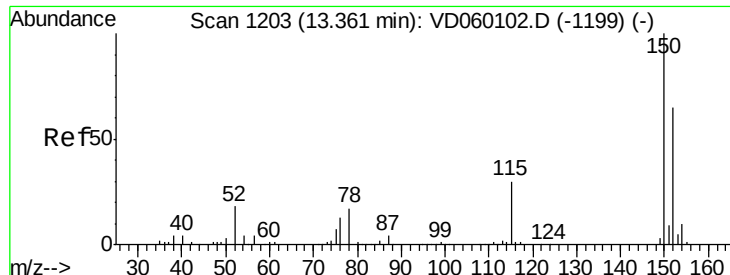
Tot Ion: 95 Resp: 673298
Ion Ratio Lower Upper
95 100
174 101.5 0.0 200.2
176 100.1 0.0 195.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060185.D
Acq: 24 Oct 2018 16:46

Tgt Ion: 117 Resp: 1407436
Ion Ratio Lower Upper
117 100
82 51.4 43.4 65.2
119 32.3 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060185.D

Acq: 24 Oct 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

CL-01-102318-A

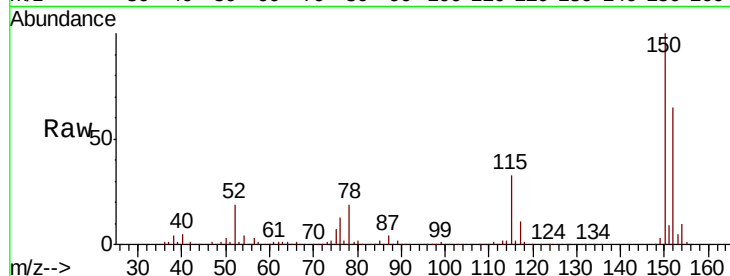
Tot Ion:152 Resp: 615732

Ion Ratio Lower Upper

152 100

115 50.8 27.1 81.2

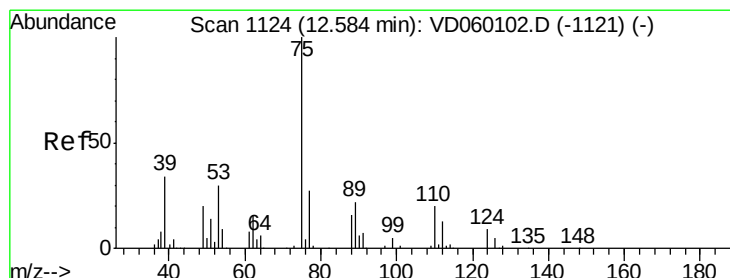
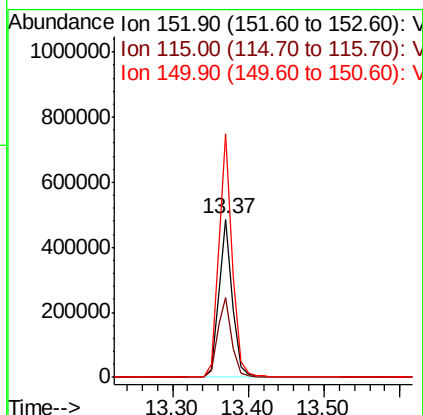
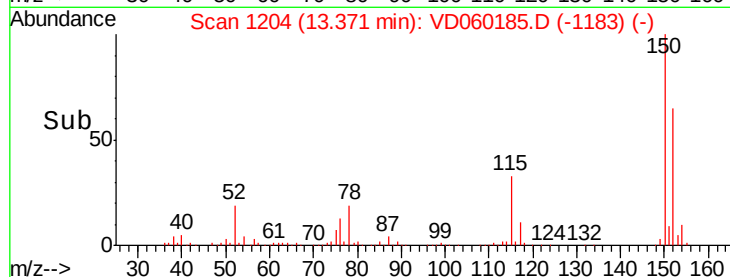
150 153.8 0.0 311.8



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: 28.341 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.16 min

Lab File: VD060185.D

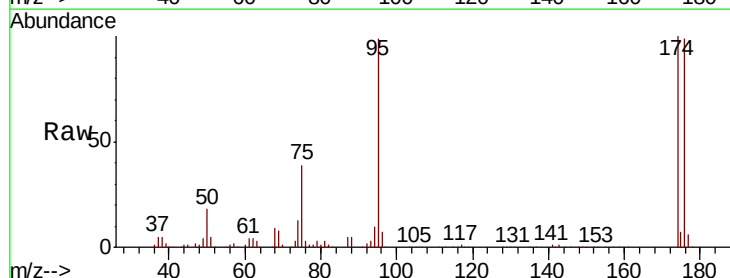
Acq: 24 Oct 2018 16:46

Tgt Ion: 75 Resp: 251309

Ion Ratio Lower Upper

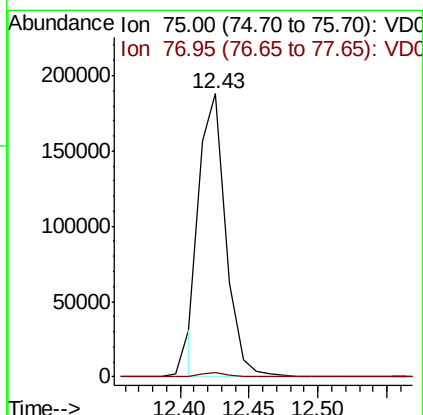
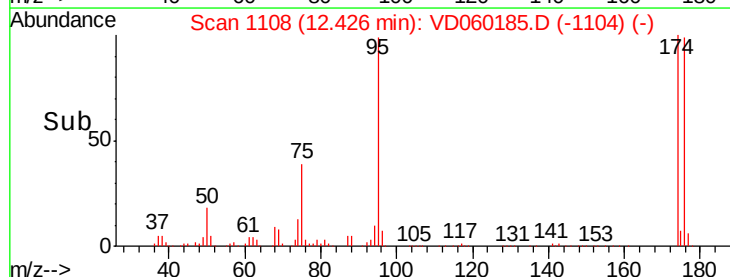
75 100

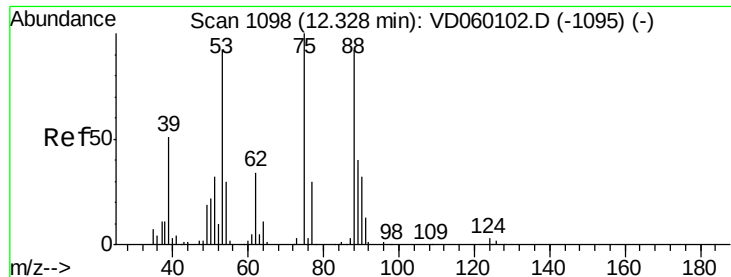
77 1.7 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 108.577 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.10 min

Lab File: VD060185.D

Acq: 24 Oct 2018 16:46

Instrument :

MSVOA_D

ClientSampleId :

CL-01-102318-A

Tot Ion: 75 Resp: 270530

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#

