

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122718\
 Data File : VD060736.D
 Acq On : 27 Dec 2018 19:46
 Operator : VA/AP
 Sample : J6447-04RE
 Misc : 3.82g/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS024-1218-01RE

Quant Time: Dec 28 01:39:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	874802	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	1193073	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.25	117	830503	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.35	152	319451	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	381012	63.02	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	126.04%	
35) Dibromofluoromethane	6.28	113	493443	56.51	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	113.02%	
50) Toluene-d8	9.42	98	1140665	43.78	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	87.56%	
62) 4-Bromofluorobenzene	12.40	95	303167	33.22	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	66.44%	

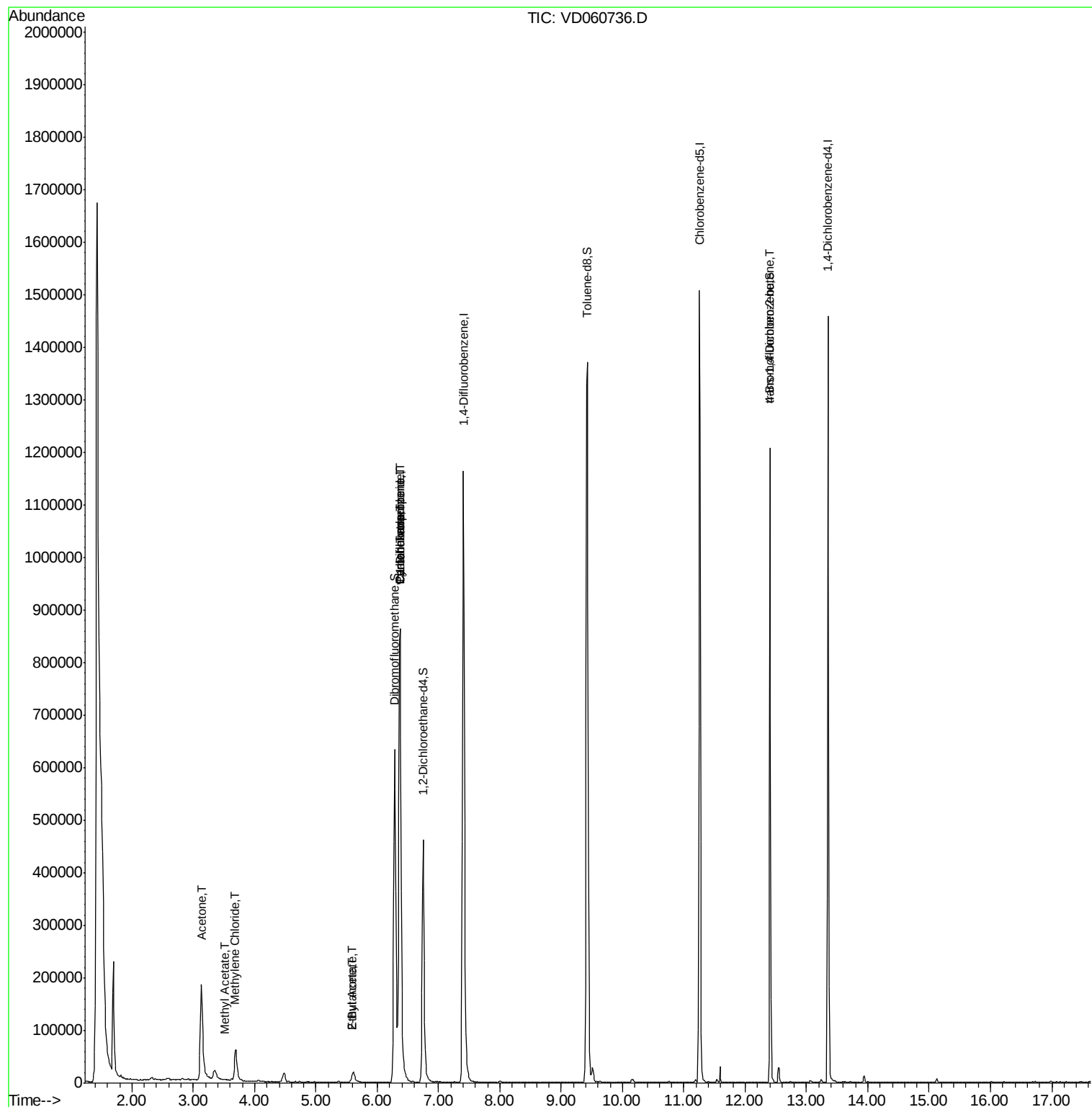
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.13	43	375167	355.352	ug/l	100
18) Methyl Acetate	3.52	43	5220	1.995	ug/l #	63
20) Methylene Chloride	3.70	84	39599	3.612	ug/l	97
25) 2-Butanone	5.58	43	15903	7.872	ug/l #	87
31) Cyclohexane	6.36	56	17320	1.134	ug/l #	1
36) 1,1-Dichloropropene	6.37	75	64078	5.216	ug/l #	45
37) Ethyl Acetate	5.58	43	15903	3.095	ug/l #	69
38) Carbon Tetrachloride	6.37	117	65760	6.067	ug/l #	17
81) trans-1,4-Dichloro-2-buten	12.40	75	128050	127.418	ug/l #	13

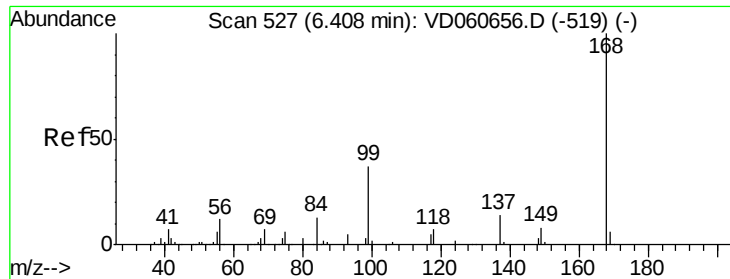
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122718\
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Quant Time: Dec 28 01:39:08 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

Instrument :

MSVOA_D

ClientSampleId :

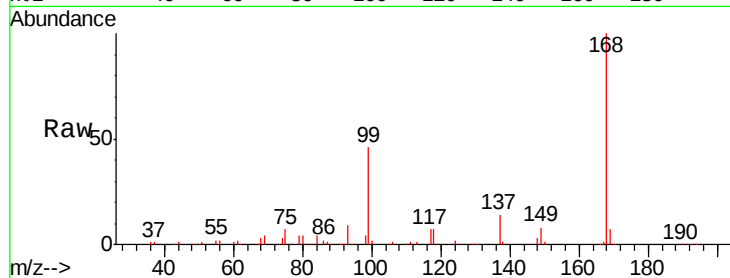
P001-SS024-1218-01RE

Tgt Ion: 168 Resp: 874802

Ion Ratio Lower Upper

168 100

99 45.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

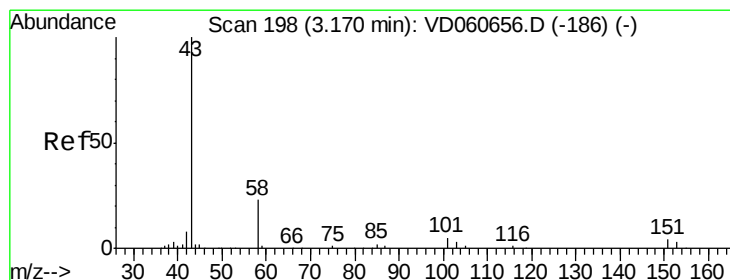
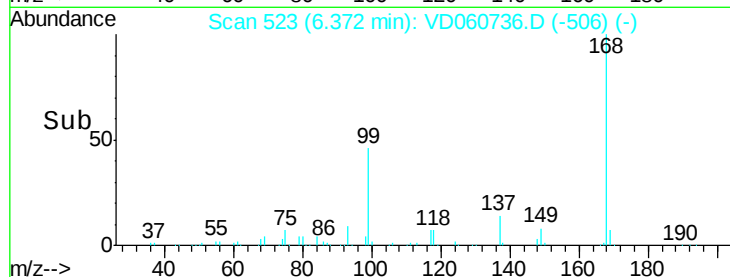
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 355.352 ug/l

RT: 3.13 min Scan# 194

Delta R.T. -0.04 min

Lab File: VD060736.D

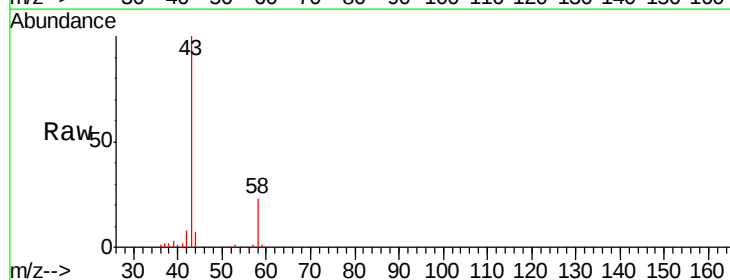
Acq: 27 Dec 2018 19:46

Tgt Ion: 43 Resp: 375167

Ion Ratio Lower Upper

43 100

58 22.5 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

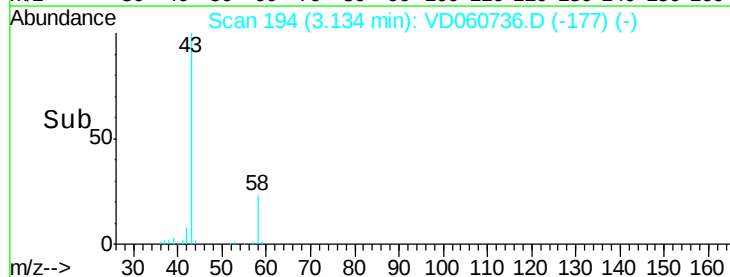
3.13

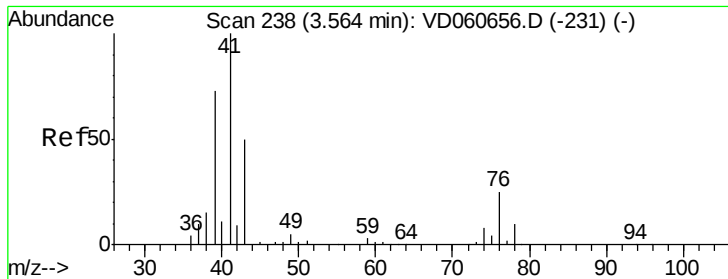
100000

50000

0

Time-->





#18

Methyl Acetate

Concen: 1.995 ug/l

RT: 3.52 min Scan# 233

Delta R.T. -0.05 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

Instrument :

MSVOA_D

ClientSampleId :

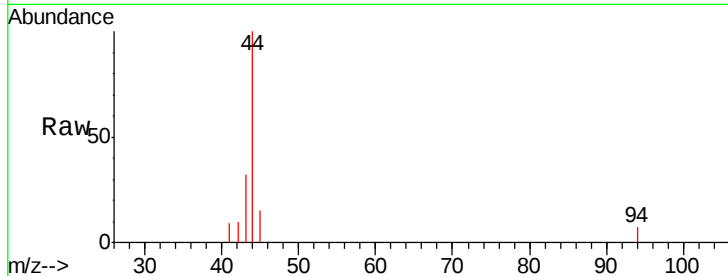
P001-SS024-1218-01RE

Tgt Ion: 43 Resp: 5220

Ion Ratio Lower Upper

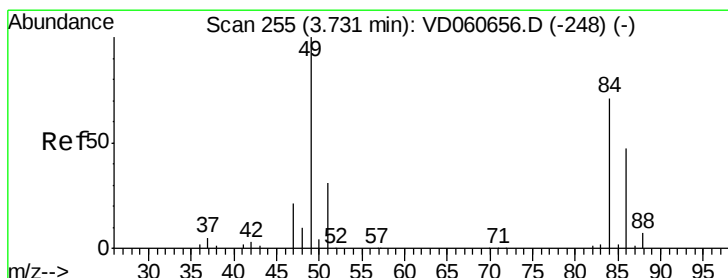
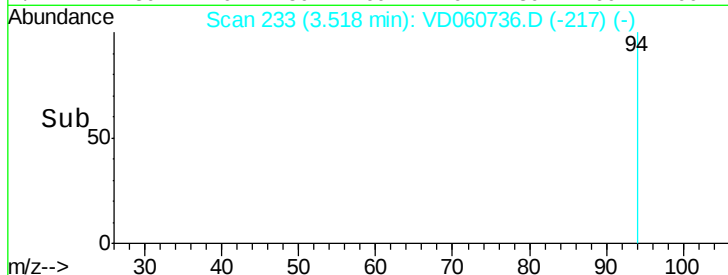
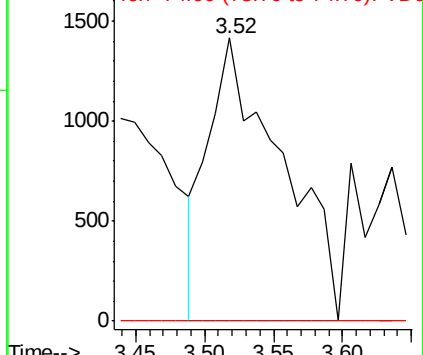
43 100

74 0.0 12.4 18.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



#20

Methylene Chloride

Concen: 3.612 ug/l

RT: 3.70 min Scan# 251

Delta R.T. -0.04 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

Tgt Ion: 84 Resp: 39599

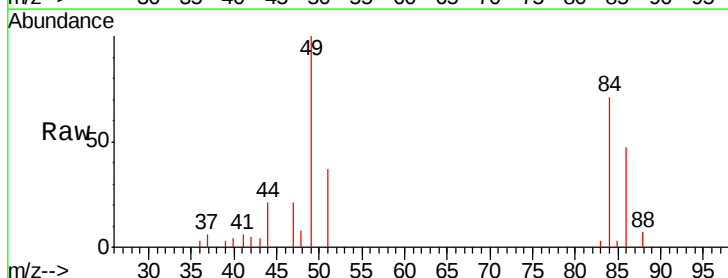
Ion Ratio Lower Upper

84 100

49 140.8 113.6 170.4

51 51.6 34.7 52.1

86 66.4 52.8 79.2

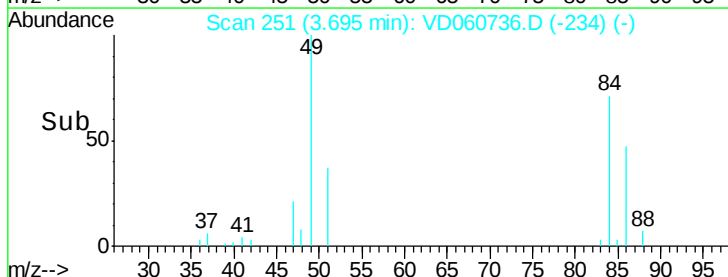
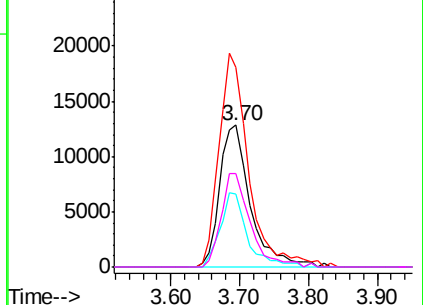


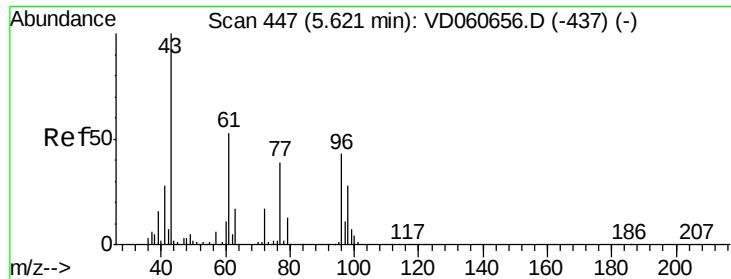
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.872 ug/l

RT: 5.58 min Scan# 443

Delta R.T. -0.04 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

Instrument :

MSVOA_D

ClientSampleId :

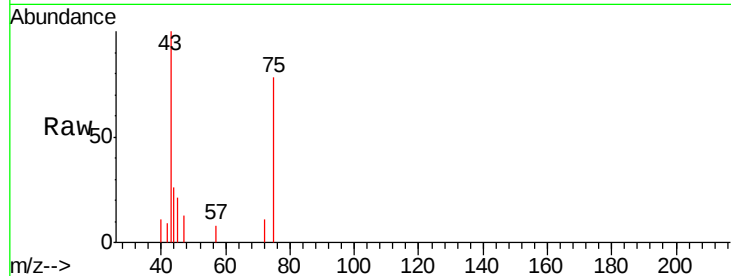
P001-SS024-1218-01RE

Tgt Ion: 43 Resp: 15903

Ion Ratio Lower Upper

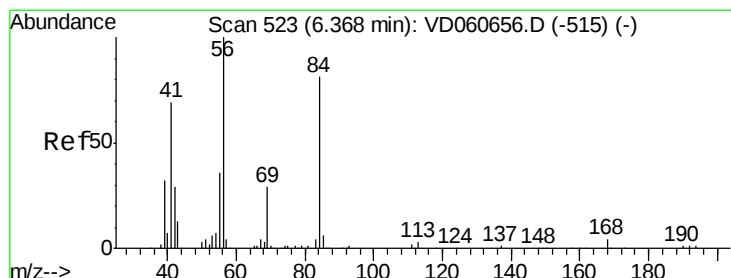
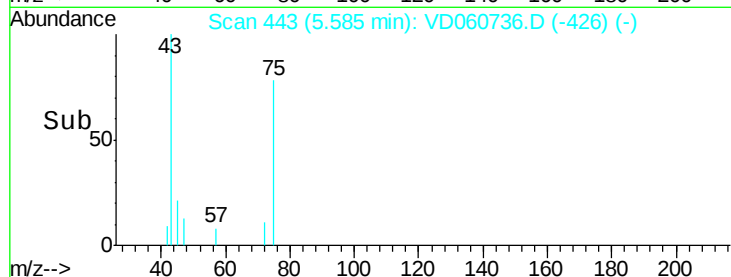
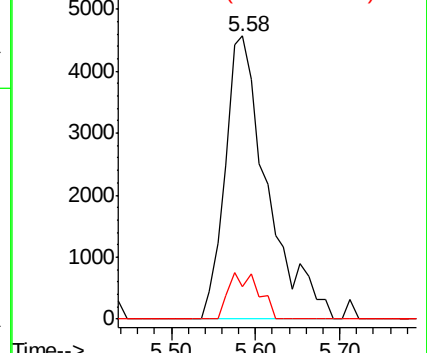
43 100

72 11.3 13.7 20.5#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#31

Cyclohexane

Concen: 1.134 ug/l

RT: 6.36 min Scan# 522

Delta R.T. -0.01 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

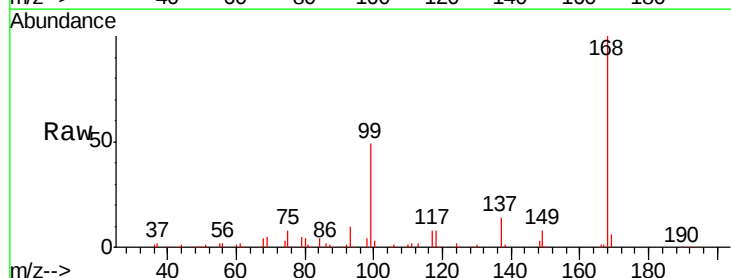
Tgt Ion: 56 Resp: 17320

Ion Ratio Lower Upper

56 100

69 230.7 23.6 35.4#

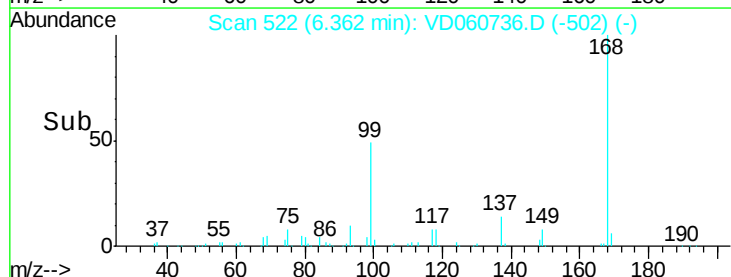
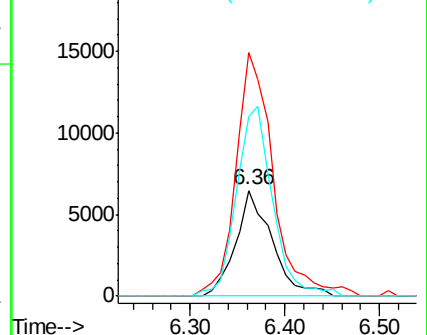
84 170.1 65.8 98.6#

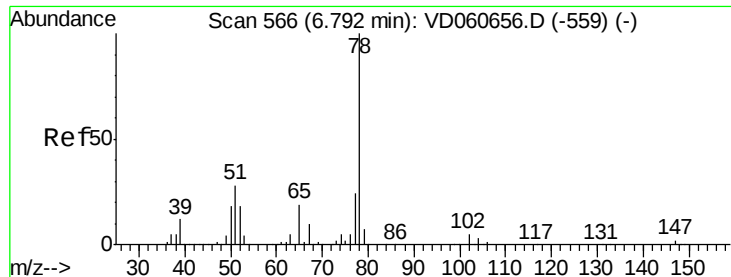


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

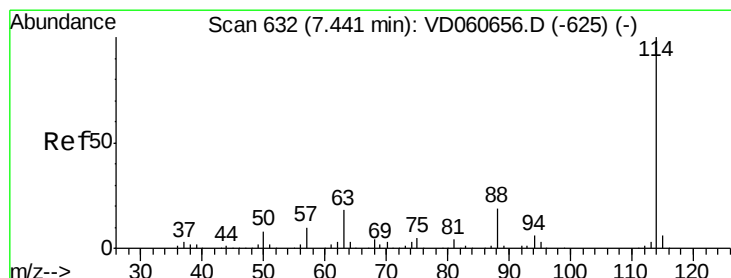
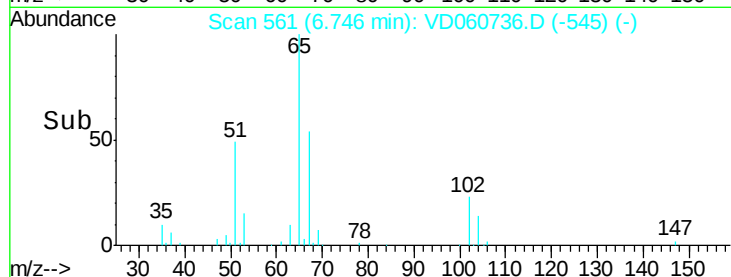
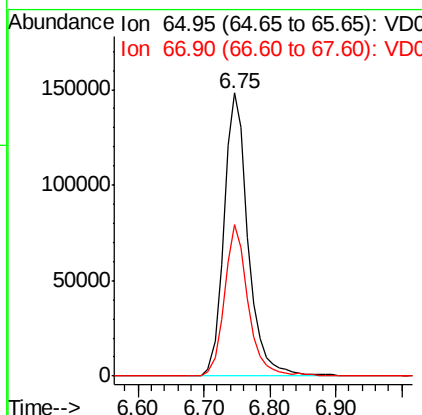
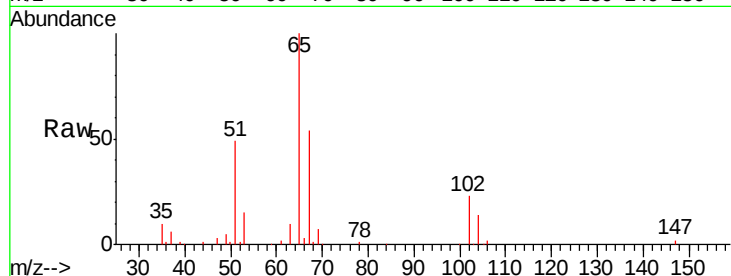




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.75 min Scan# 561
 Delta R.T. -0.05 min
 Lab File: VD060736.D
 Acq: 27 Dec 2018 19:46

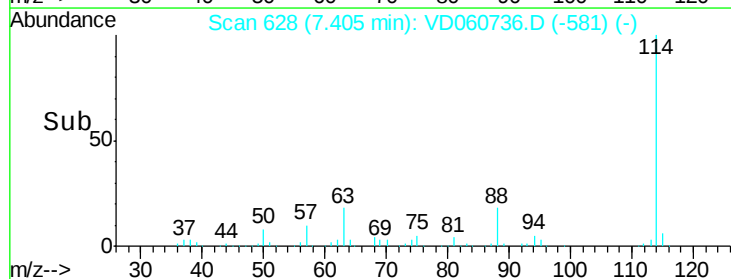
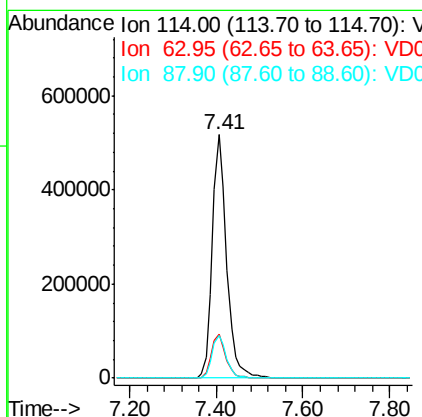
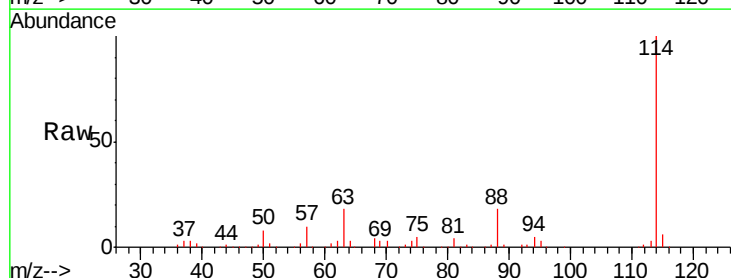
Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS024-1218-01RE

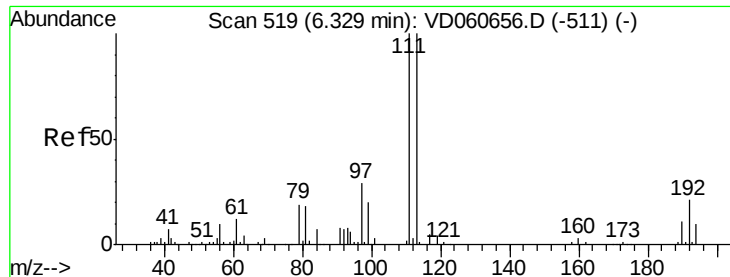
Tgt Ion: 65 Resp: 381012
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.41 min Scan# 628
 Delta R.T. -0.04 min
 Lab File: VD060736.D
 Acq: 27 Dec 2018 19:46

Tgt Ion: 114 Resp: 1193073
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.2
 88 17.7 0.0 37.0

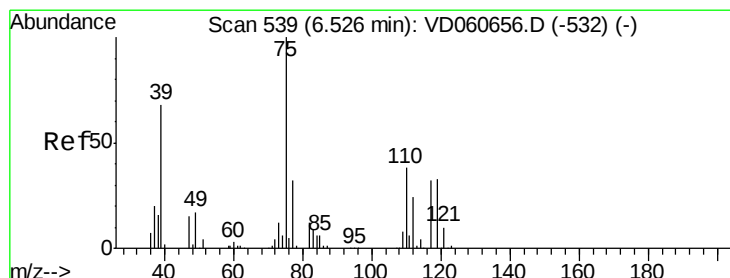
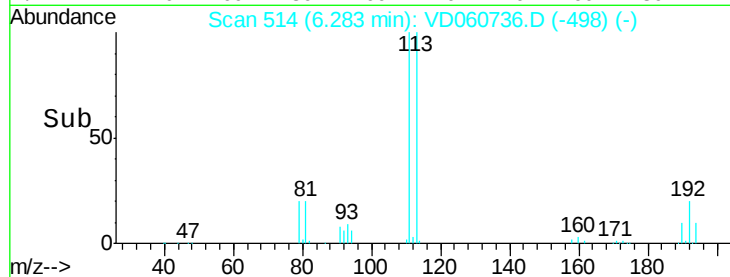
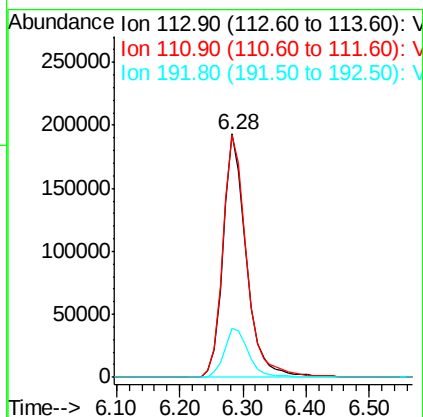
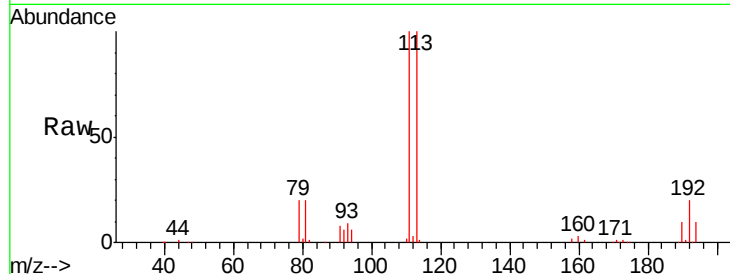




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.28 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: VD060736.D
 Acq: 27 Dec 2018 19:46

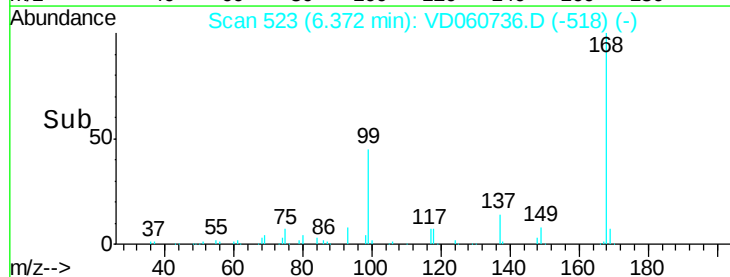
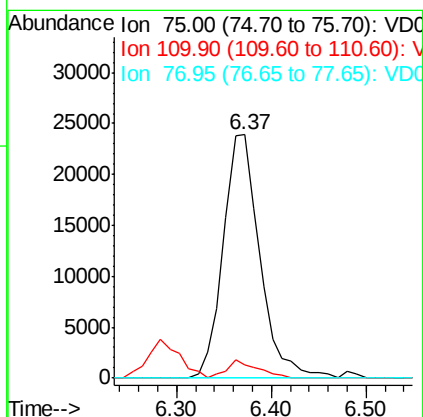
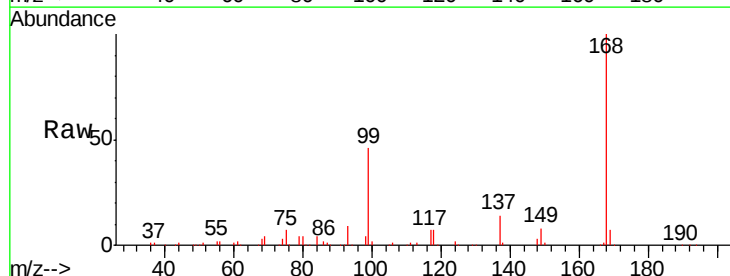
Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS024-1218-01RE

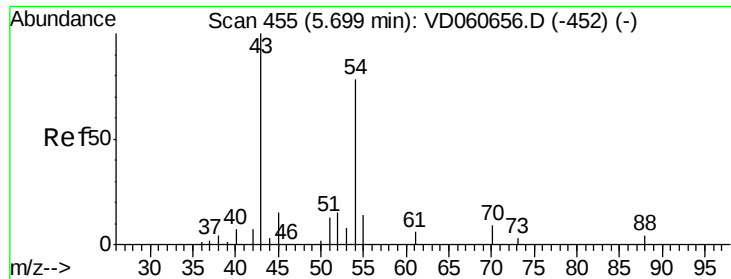
Tgt Ion: 113 Resp: 493443
 Ion Ratio Lower Upper
 113 100
 111 99.6 80.0 120.0
 192 20.0 16.6 25.0



#36
 1,1-Dichloropropene
 Concen: 5.216 ug/l
 RT: 6.37 min Scan# 523
 Delta R.T. -0.15 min
 Lab File: VD060736.D
 Acq: 27 Dec 2018 19:46

Tgt Ion: 75 Resp: 64078
 Ion Ratio Lower Upper
 75 100
 110 5.5 18.9 56.7#
 77 0.0 25.4 38.0#





#37

Ethyl Acetate

Concen: 3.095 ug/l

RT: 5.58 min Scan# 443

Delta R.T. -0.11 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

Instrument :

MSVOA_D

ClientSampleId :

P001-SS024-1218-01RE

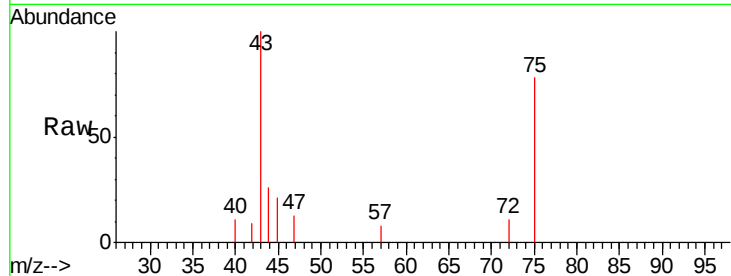
Tgt Ion: 43 Resp: 15903

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

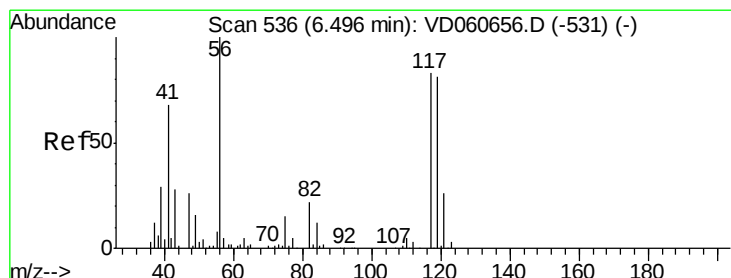
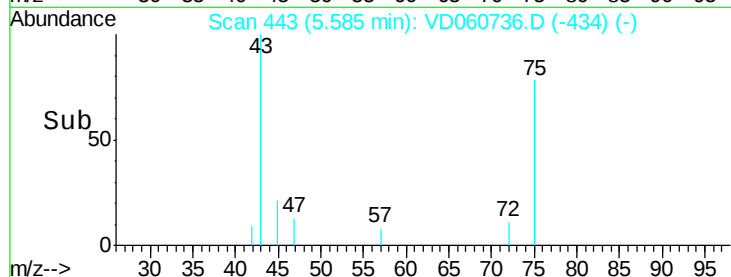
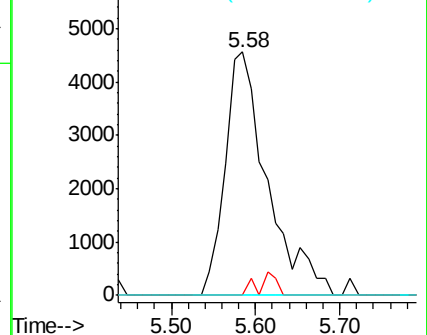
70 0.0 5.8 8.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 6.067 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.12 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

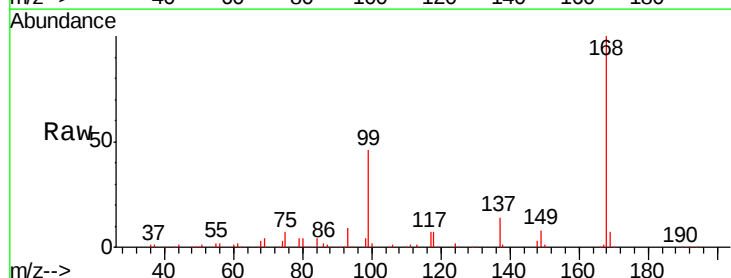
Tgt Ion: 117 Resp: 65760

Ion Ratio Lower Upper

117 100

119 6.6 77.0 115.4#

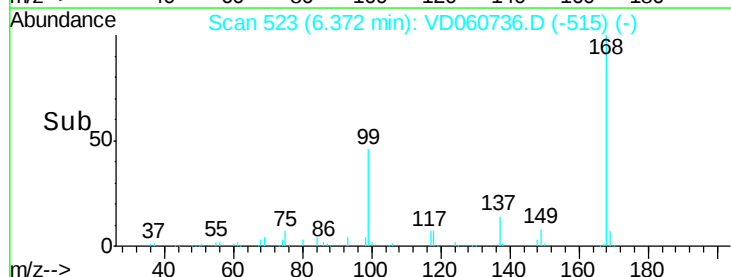
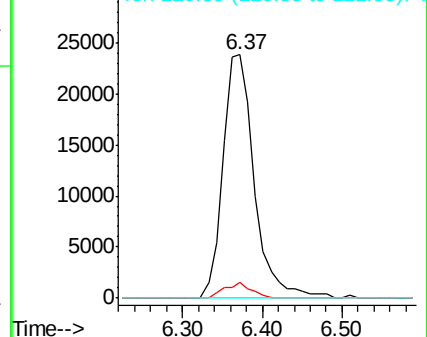
121 0.0 24.7 37.1#

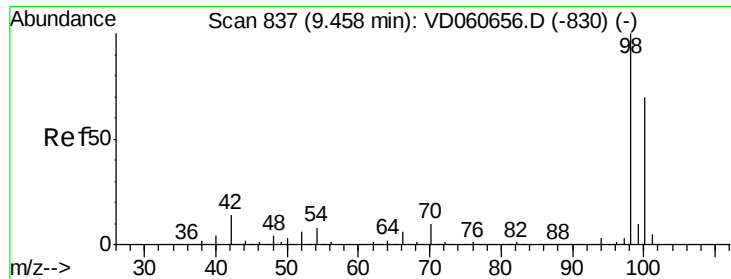


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

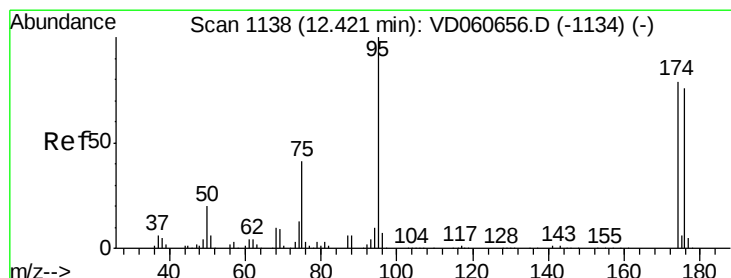
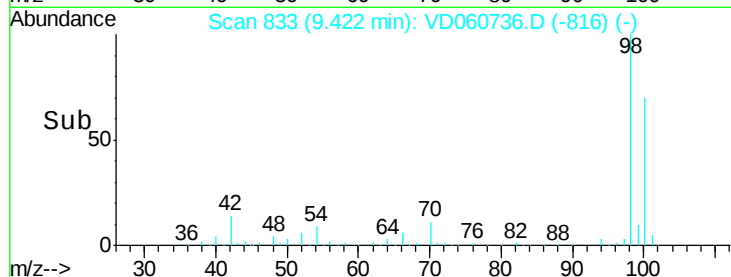
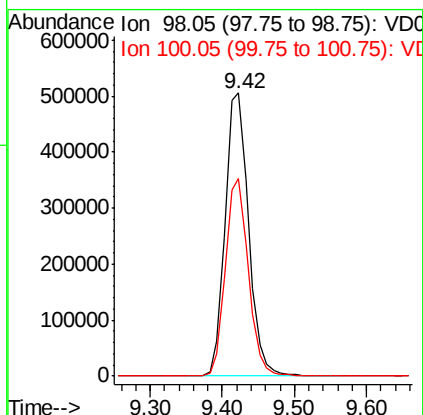
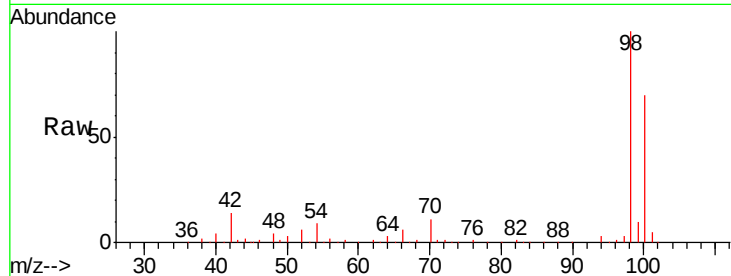




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.42 min Scan# 833
Delta R.T. -0.04 min
Lab File: VD060736.D
Acq: 27 Dec 2018 19:46

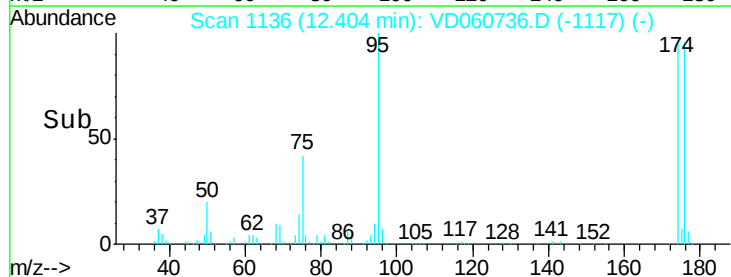
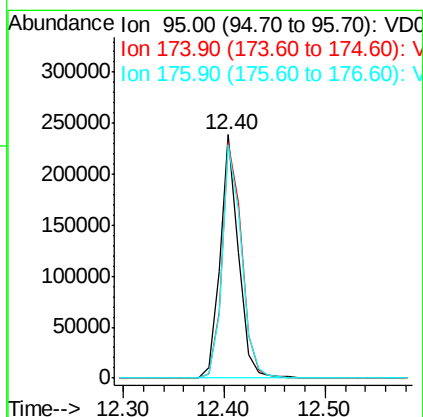
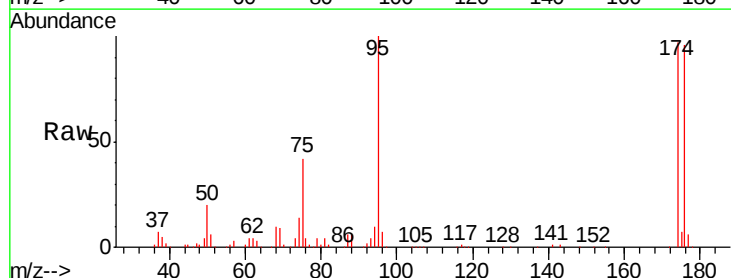
Instrument :
MSVOA_D
ClientSampleId :
P001-SS024-1218-01RE

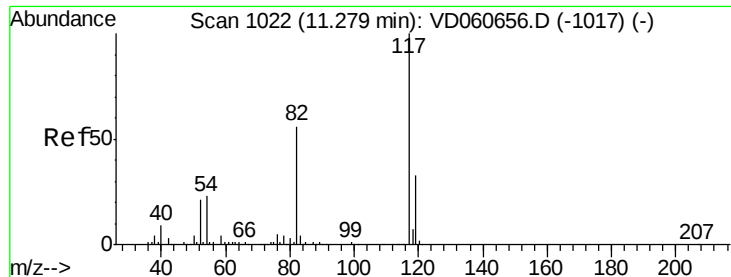
Tgt Ion: 98 Resp: 1140665
Ion Ratio Lower Upper
98 100
100 69.7 55.8 83.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 1136
Delta R.T. -0.02 min
Lab File: VD060736.D
Acq: 27 Dec 2018 19:46

Tgt Ion: 95 Resp: 303167
Ion Ratio Lower Upper
95 100
174 96.7 0.0 158.2
176 95.7 0.0 152.4

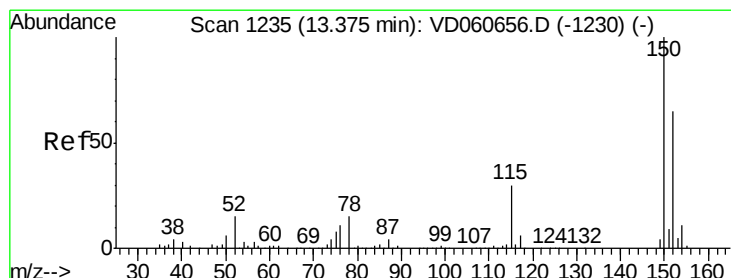
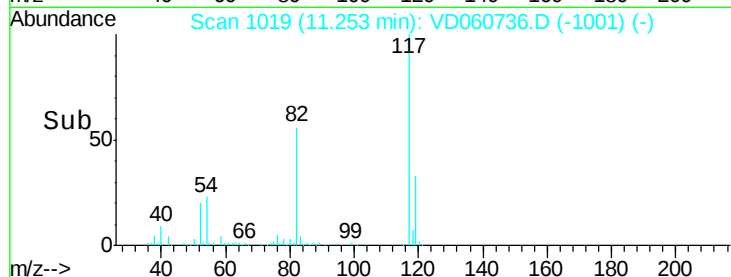
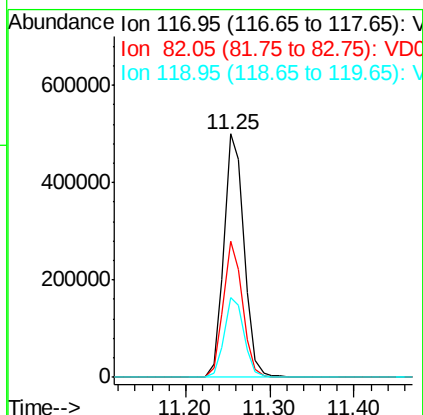
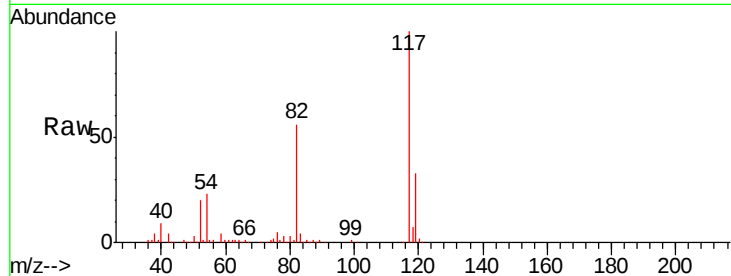




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.25 min Scan# 1019
Delta R.T. -0.03 min
Lab File: VD060736.D
Acq: 27 Dec 2018 19:46

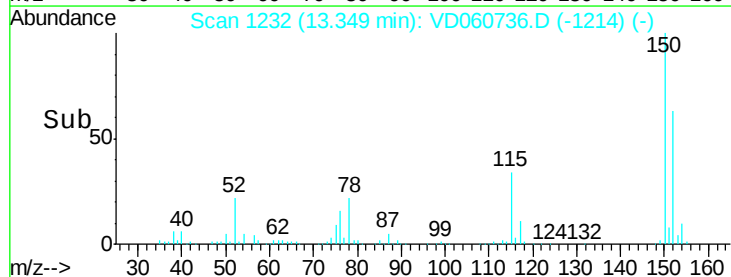
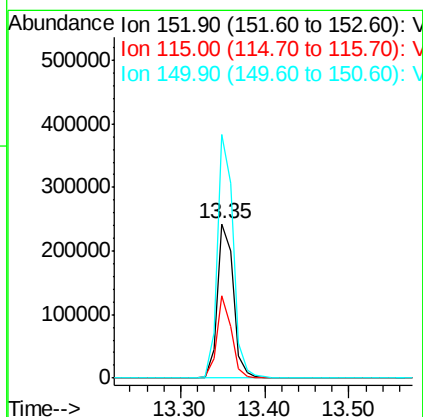
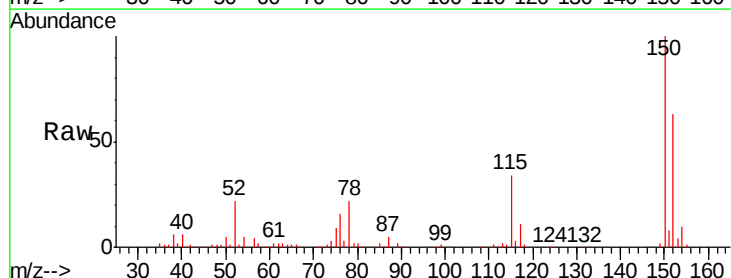
Instrument :
MSVOA_D
ClientSampleId :
P001-SS024-1218-01RE

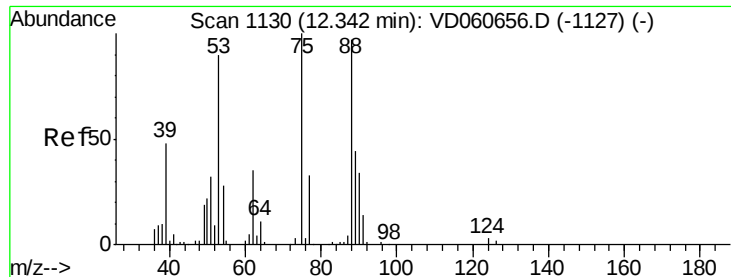
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.5	66.7
119	32.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD060736.D
Acq: 27 Dec 2018 19:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	24.1	72.3
150	158.0	0.0	315.0





#81

trans-1,4-Dichloro-2-butene

Concen: 127.418 ug/l

RT: 12.40 min Scan# 1136

Delta R.T. 0.06 min

Lab File: VD060736.D

Acq: 27 Dec 2018 19:46

Instrument :

MSVOA_D

ClientSampleId :

P001-SS024-1218-01RE

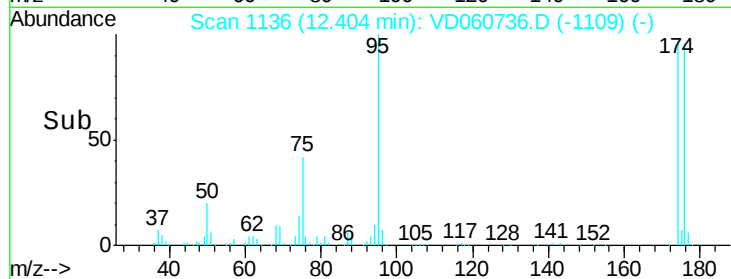
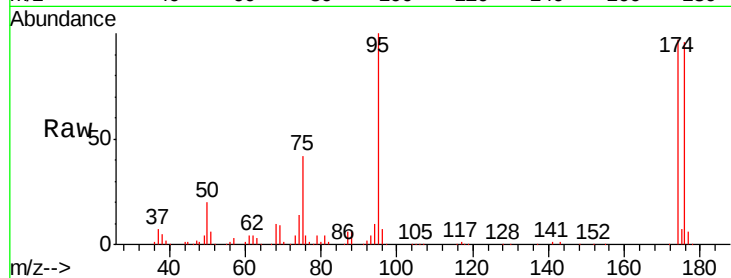
Tgt Ion: 75 Resp: 128050

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#



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

