

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058374.D
 Acq On : 24 Jun 2018 16:22
 Operator : VA/AP
 Sample : J3671-16
 Misc : 6.22g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 25 04:03:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	425788	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.71	114	585781	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.69	117	507922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	279980	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	286101	66.52	ug/l	0.02
Spiked Amount			Recovery	=	133.04%	
35) Dibromofluoromethane	5.57	113	265381	55.66	ug/l	0.02
Spiked Amount			Recovery	=	111.32%	
50) Toluene-d8	8.72	98	582626	50.51	ug/l	0.00
Spiked Amount			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.93	95	275702	58.51	ug/l	0.00
Spiked Amount			Recovery	=	117.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.47	50	177	Below Cal	#	43
4) Vinyl Chloride	1.56	62	100386	45.006	ug/l	93
6) Chloroethane	1.89	64	27155	31.546	ug/l	98
11) Tert butyl alcohol	3.26	59	12902	90.957	ug/l #	80
16) Acetone	2.62	43	66032	112.268	ug/l #	86
18) Methyl Acetate	2.94	43	3087	2.461	ug/l #	65
20) Methylene Chloride	3.08	84	9783	1.775	ug/l	86
21) trans-1,2-Dichloroethene	3.40	96	4623	2.892	ug/l #	73
24) 1,1-Dichloroethane	3.99	63	29548	4.056	ug/l #	92
25) 2-Butanone	4.85	43	9820	7.660	ug/l #	41
27) cis-1,2-Dichloroethene	4.82	96	1210358	302.961	ug/l	90
29) Tetrahydrofuran	5.21	42	2874	4.212	ug/l #	50
31) Cyclohexane	5.63	56	15866	Below Cal	#	32
36) 1,1-Dichloropropene	5.65	75	33644	5.806	ug/l #	49
37) Ethyl Acetate	4.85	43	9820	2.974	ug/l #	1
38) Carbon Tetrachloride	5.65	117	34821	6.048	ug/l #	14
39) Methylcyclohexane	7.30	83	17816	3.156	ug/l	90
40) Benzene	6.03	78	113165	8.198	ug/l	99
44) Trichloroethene	6.99	130	29938	7.223	ug/l	84
52) Toluene	8.81	92	17231	2.192	ug/l	91
65) Chlorobenzene	10.73	112	3429867	361.003	ug/l	98
67) Ethyl Benzene	10.86	91	19398	1.156	ug/l	91
73) Isopropylbenzene	11.78	105	25750	1.538	ug/l	92
74) N-ethyl acetate	11.65	43	15239	2.353	ug/l #	61
75) 1,1,2,2-Tetrachloroethane	12.06	83	5457	1.400	ug/l #	91
78) n-propylbenzene	12.16	91	35893	1.660	ug/l	93
79) 2-Chlorotoluene	12.16	91	35893	2.900	ug/l #	45
81) trans-1,4-Dichloro-2-buten	11.93	75	120665	121.030	ug/l #	4
82) 4-Chlorotoluene	12.34	91	3152	Below Cal	#	45
83) tert-Butylbenzene	12.58	119	44748	2.980	ug/l	93
85) sec-Butylbenzene	12.76	105	89666	5.094	ug/l	96
87) 1,3-Dichlorobenzene	12.85	146	117951	13.532	ug/l	97
88) 1,4-Dichlorobenzene	12.93	146	699154	82.141	ug/l	95
89) n-Butylbenzene	13.20	91	40304	2.688	ug/l	92

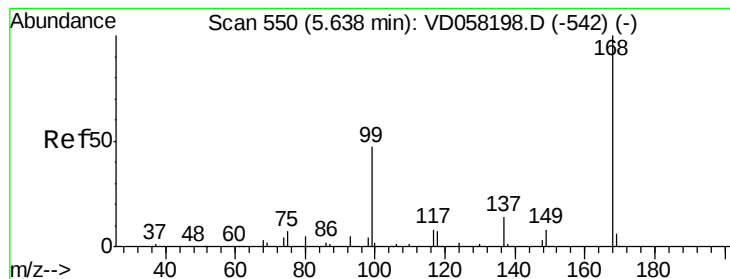
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
Data File : VD058374.D
Acq On : 24 Jun 2018 16:22
Operator : VA/AP
Sample : J3671-16
Misc : 6.22g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jun 25 04:03:22 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.20	146	3344592	450.905	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.75	75	3234	5.214	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.35	180	40281	5.678	ug/l	93
95) Naphthalene	14.52	128	96697	10.348	ug/l	97
96) 1,2,3-Trichlorobenzene	14.66	180	10554	1.699	ug/l #	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.02 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

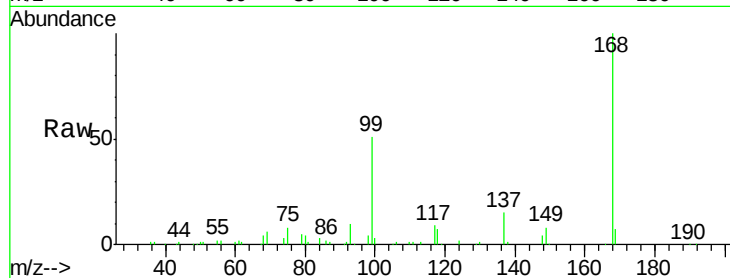
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 425788

Ion Ratio Lower Upper

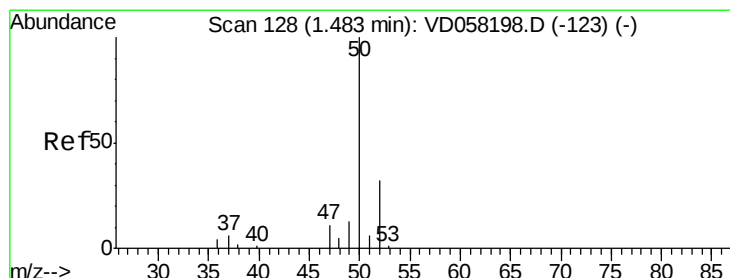
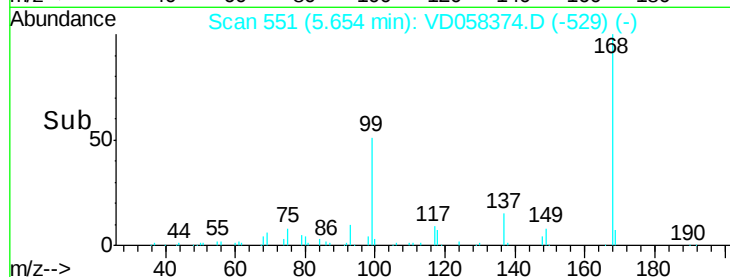
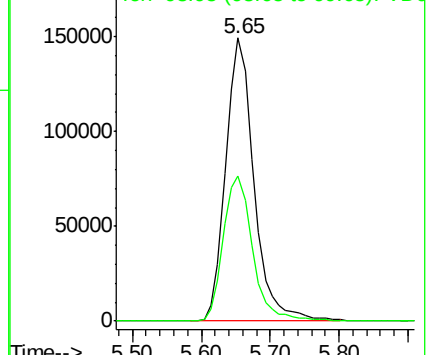
168 100

99 51.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#3

Chloromethane

Concen: Below Cal

RT: 1.47 min Scan# 126

Delta R.T. -0.01 min

Lab File: VD058374.D

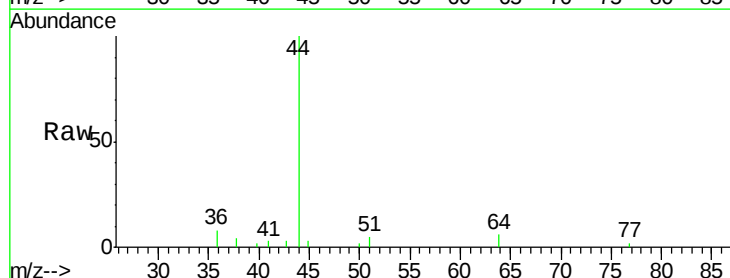
Acq: 24 Jun 2018 16:22

Tgt Ion: 50 Resp: 177

Ion Ratio Lower Upper

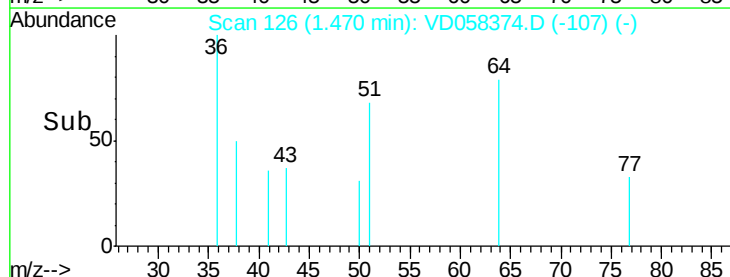
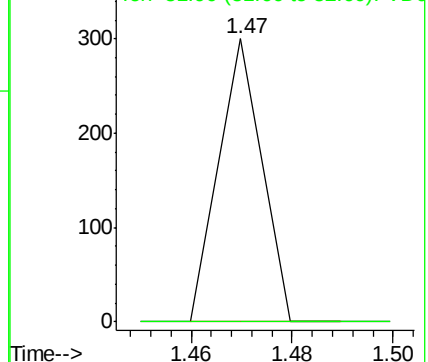
50 100

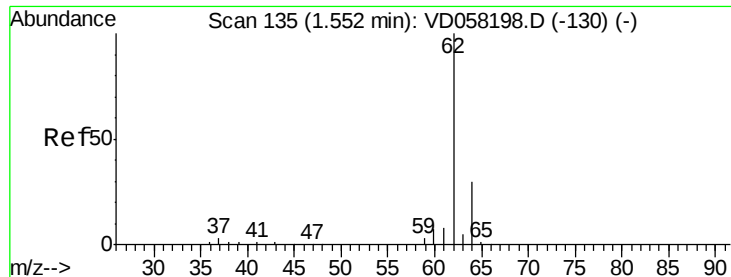
52 0.0 25.0 37.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#4

Vinyl Chloride

Concen: 45.006 ug/l

RT: 1.56 min Scan# 135

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

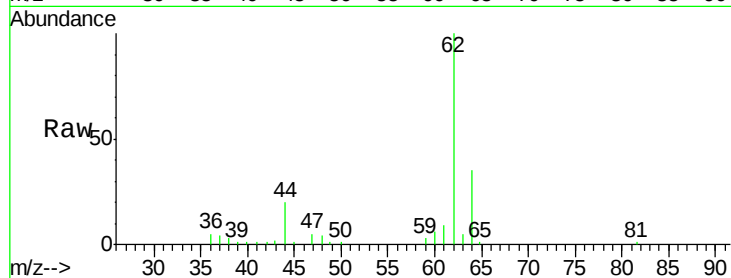
ClientSampleId :

Tot Ion: 62 Resp: 100386

Ion Ratio Lower Upper

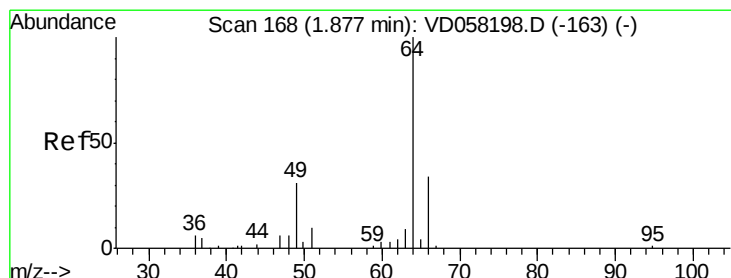
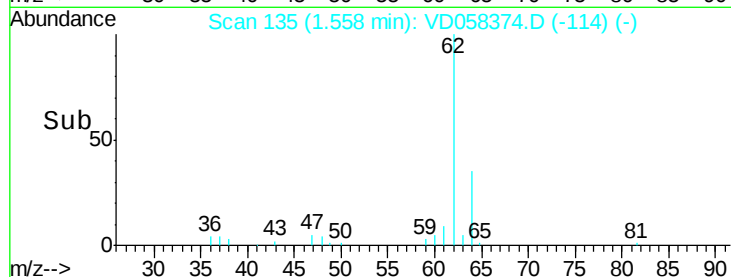
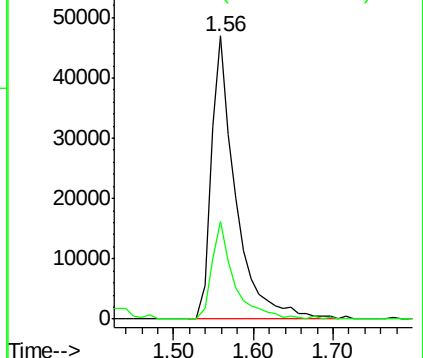
62 100

64 34.6 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC



#6

Chloroethane

Concen: 31.546 ug/l

RT: 1.89 min Scan# 169

Delta R.T. 0.02 min

Lab File: VD058374.D

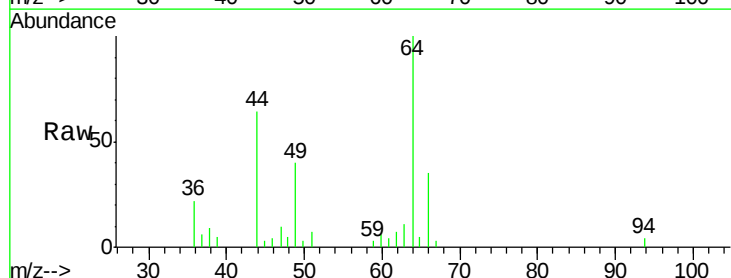
Acq: 24 Jun 2018 16:22

Tgt Ion: 64 Resp: 27155

Ion Ratio Lower Upper

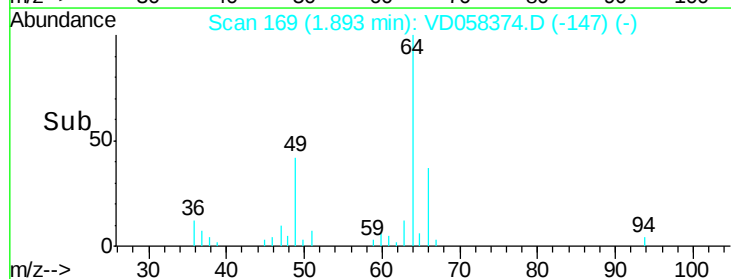
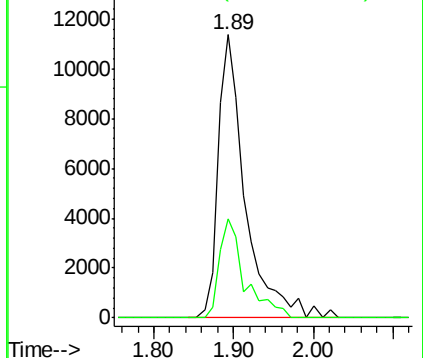
64 100

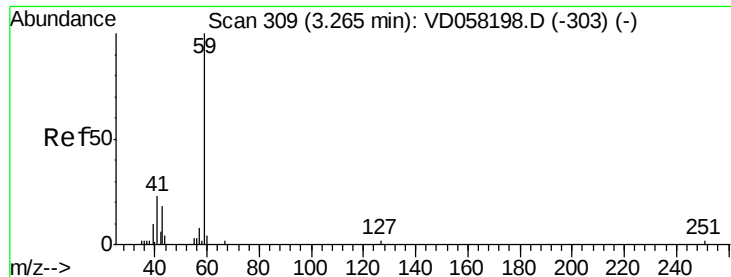
66 35.0 27.3 40.9



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

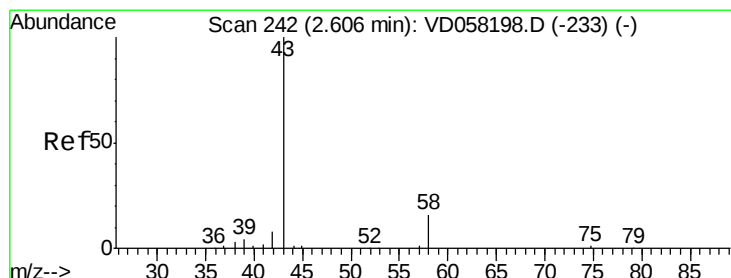
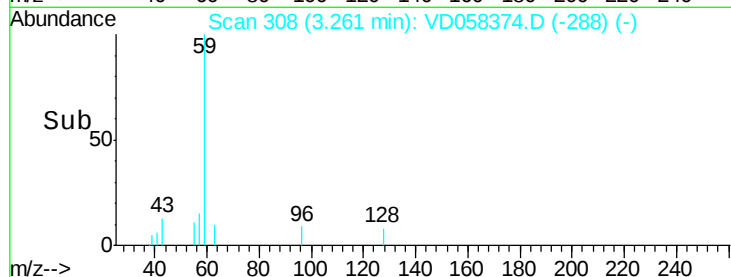
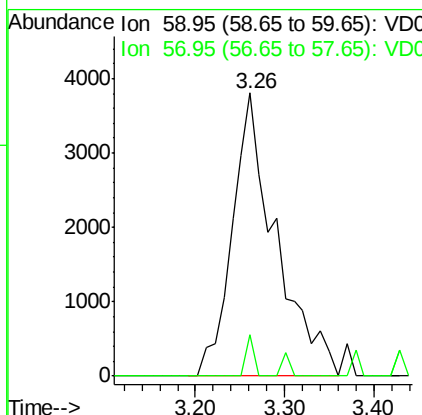
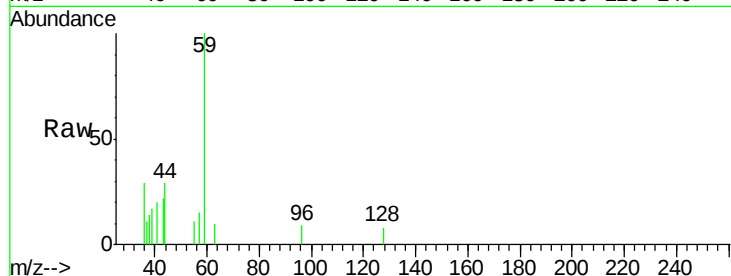




#11
Tert butyl alcohol
Concen: 90.957 ug/l
RT: 3.26 min Scan# 308
Delta R.T. -0.00 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

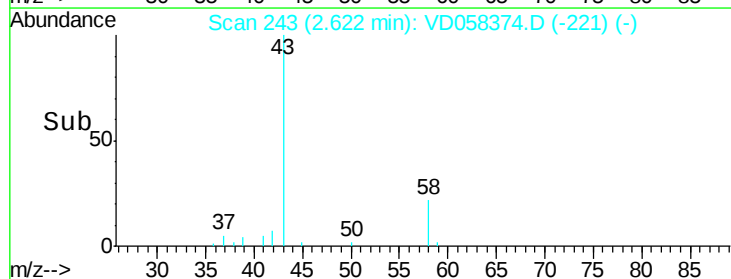
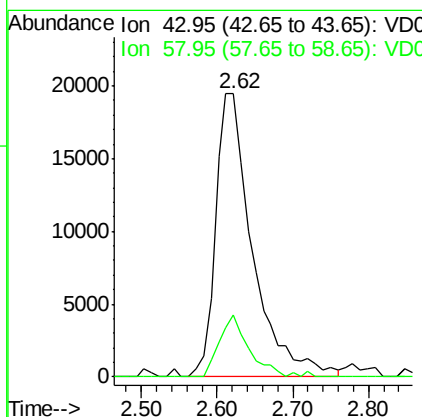
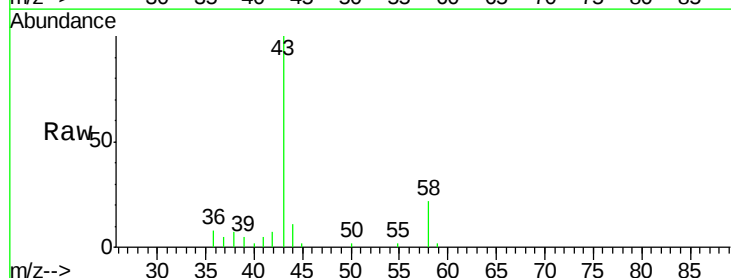
Instrument :
MSVOA_D
ClientSampleId :

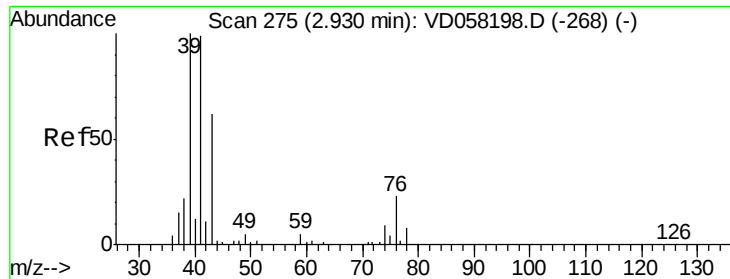
Tot Ion: 59 Resp: 12902
Ion Ratio Lower Upper
59 100
57 14.7 6.2 9.4#



#16
Acetone
Concen: 112.268 ug/l
RT: 2.62 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 43 Resp: 66032
Ion Ratio Lower Upper
43 100
58 21.9 12.7 19.1#

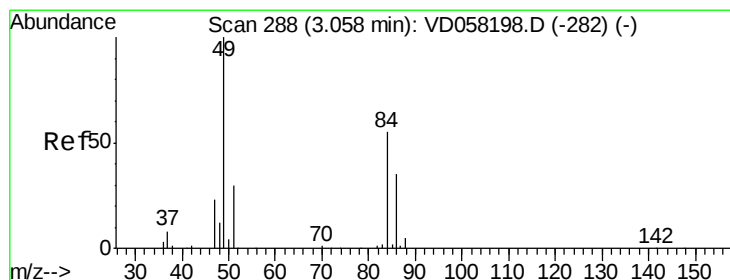
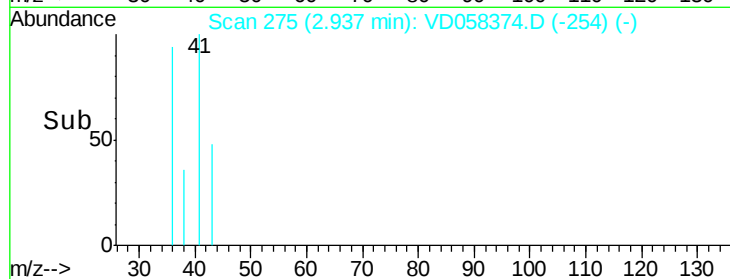
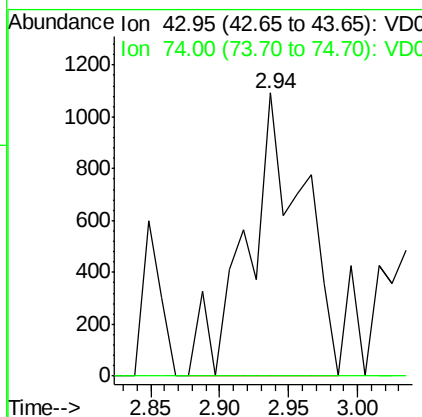
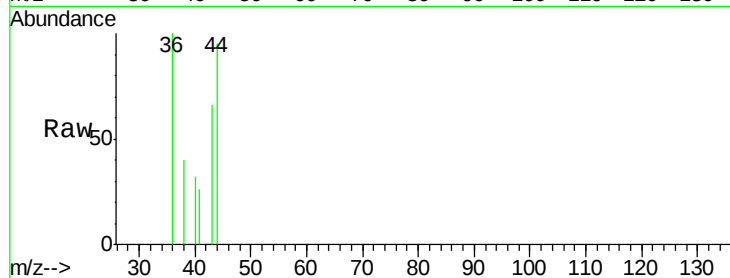




#18
Methyl Acetate
Concen: 2.461 ug/l
RT: 2.94 min Scan# 275
Delta R.T. 0.01 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

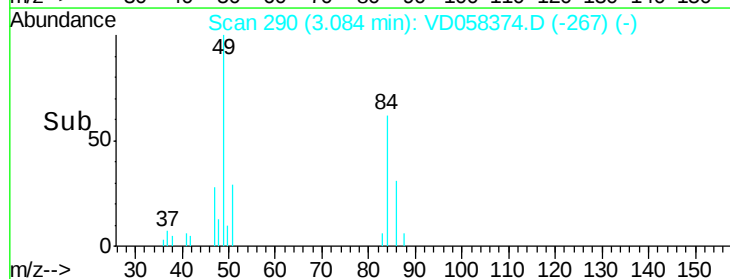
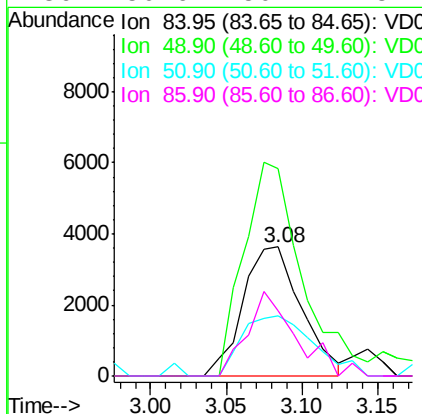
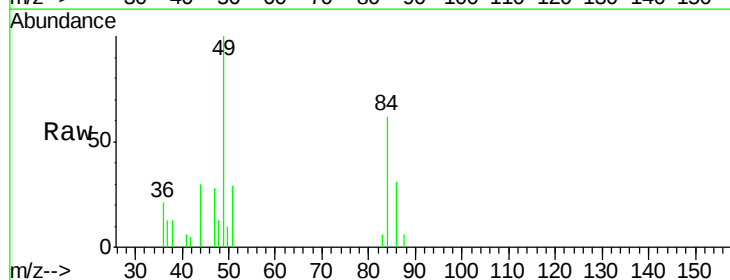
Instrument :
MSVOA_D
ClientSampleId :

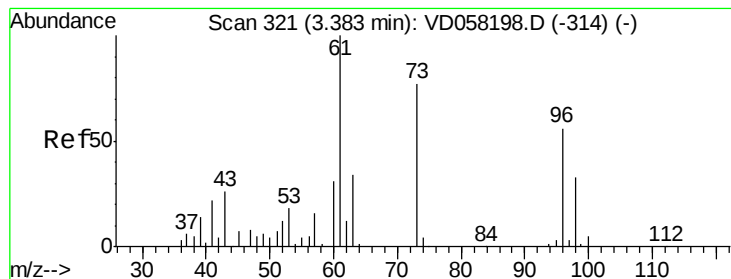
Tot Ion: 43 Resp: 3087
Ion Ratio Lower Upper
43 100
74 0.0 11.7 17.5#



#20
Methylene Chloride
Concen: 1.775 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.03 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 84 Resp: 9783
Ion Ratio Lower Upper
84 100
49 160.7 145.0 217.6
51 46.5 42.9 64.3
86 50.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 2.892 ug/l

RT: 3.40 min Scan# 322

Delta R.T. 0.02 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

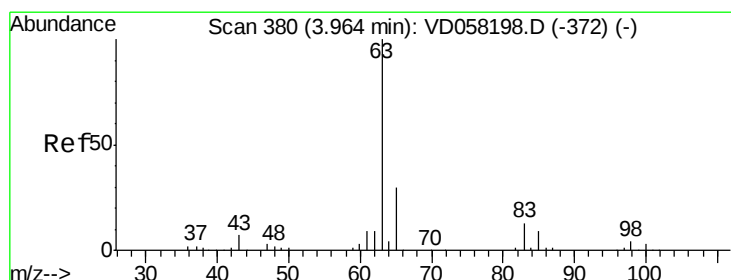
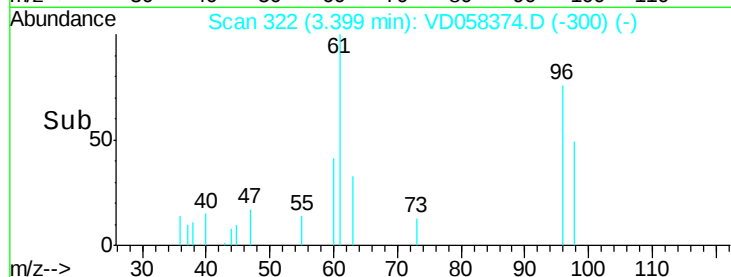
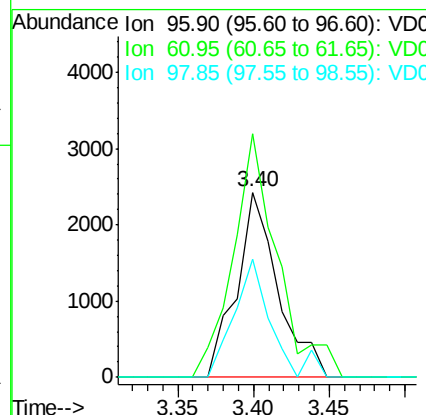
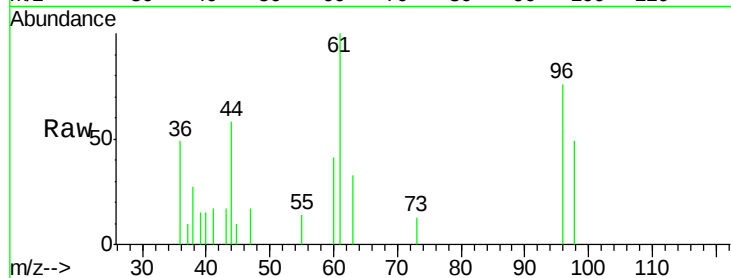
Tot Ion: 96 Resp: 4623

Ion Ratio Lower Upper

96 100

61 131.6 143.8 215.6#

98 64.1 48.0 72.0



#24

1,1-Dichloroethane

Concen: 4.056 ug/l

RT: 3.99 min Scan# 382

Delta R.T. 0.03 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

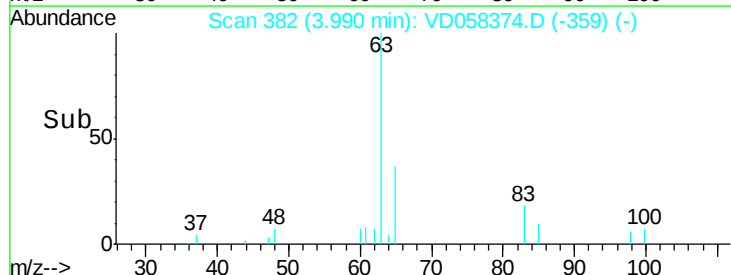
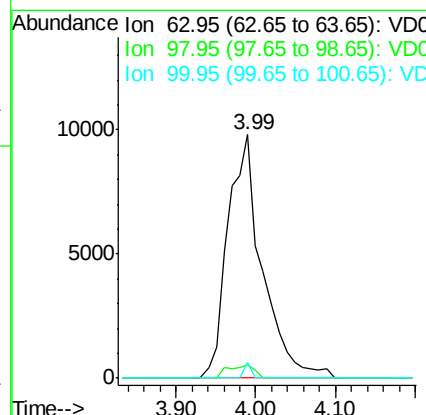
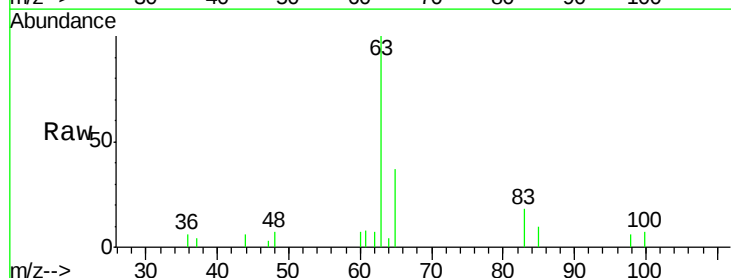
Tgt Ion: 63 Resp: 29548

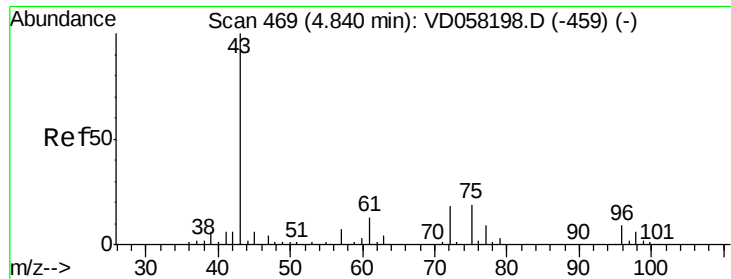
Ion Ratio Lower Upper

63 100

98 5.6 1.9 5.7

100 6.5 1.3 3.9#





#25

2-Butanone

Concen: 7.660 ug/l

RT: 4.85 min Scan# 469

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

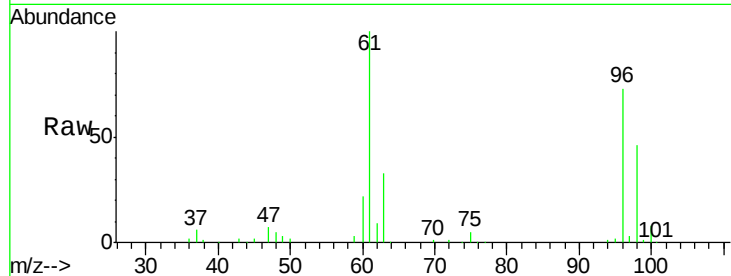
ClientSampleId :

Tot Ion: 43 Resp: 9820

Ion Ratio Lower Upper

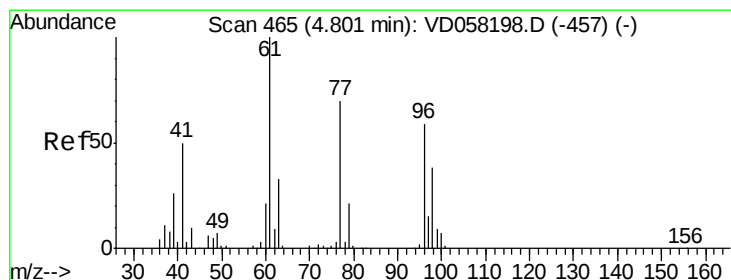
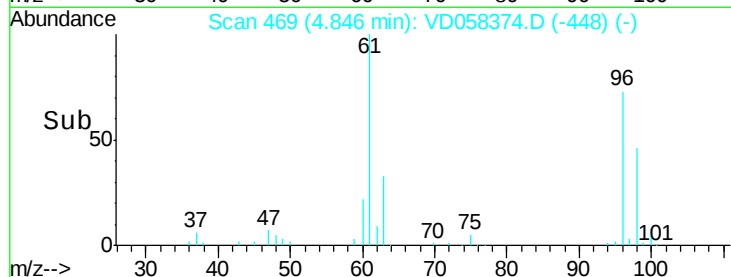
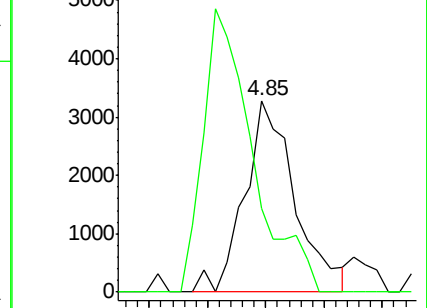
43 100

72 43.4 14.1 21.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#27

cis-1,2-Dichloroethene

Concen: 302.961 ug/l

RT: 4.82 min Scan# 466

Delta R.T. 0.02 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

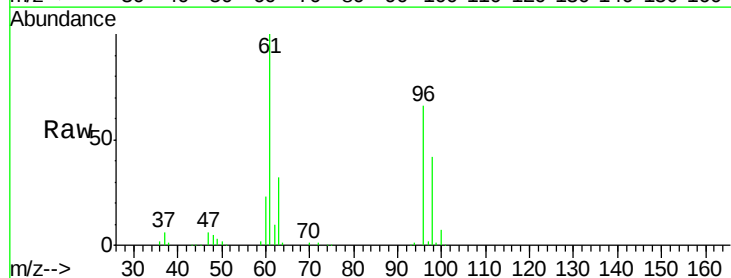
Tgt Ion: 96 Resp: 1210358

Ion Ratio Lower Upper

96 100

61 150.6 0.0 338.6

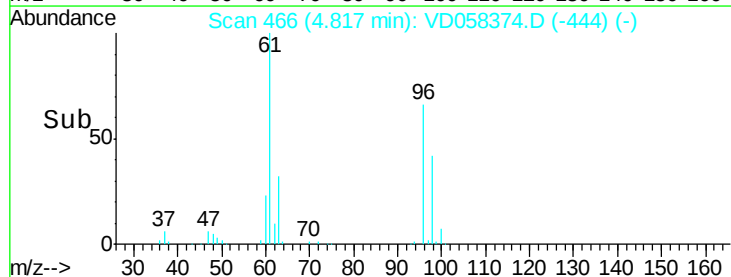
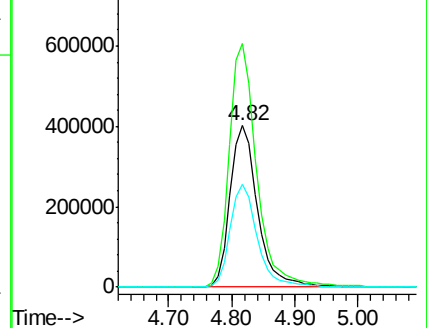
98 64.0 0.0 130.2

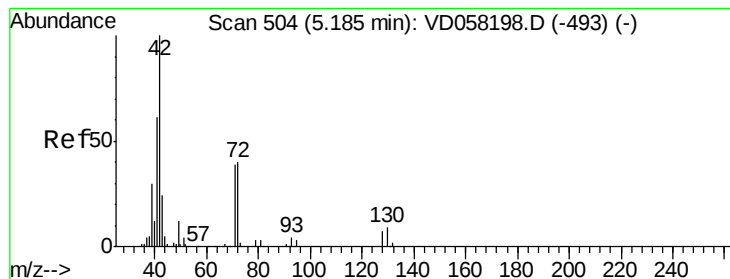


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#29

Tetrahydrofuran

Concen: 4.212 ug/l

RT: 5.21 min Scan# 506

Delta R.T. 0.03 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

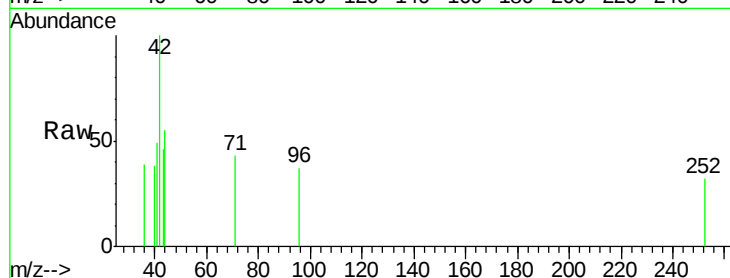
Tot Ion: 42 Resp: 2874

Ion Ratio Lower Upper

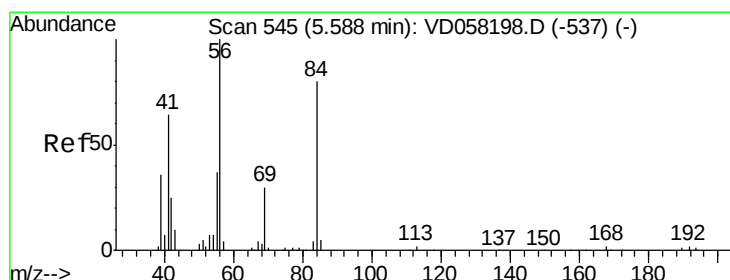
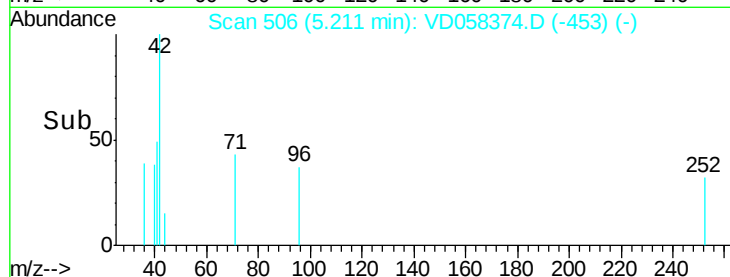
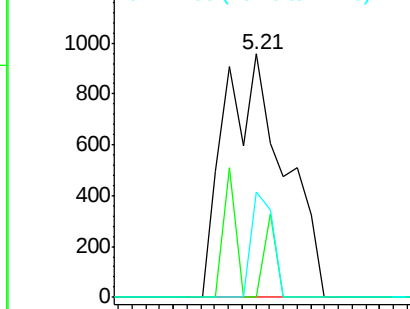
42 100

72 0.0 30.2 45.2#

71 15.5 30.1 45.1#



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: 5.63 min Scan# 549

Delta R.T. 0.05 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

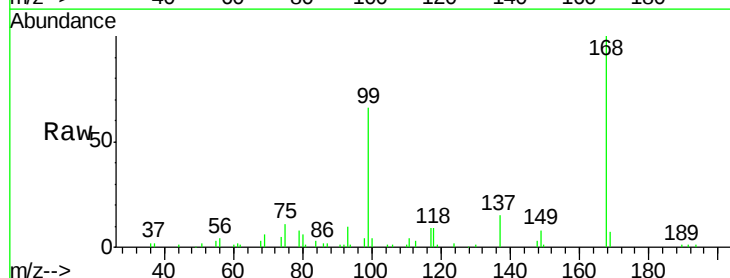
Tgt Ion: 56 Resp: 15866

Ion Ratio Lower Upper

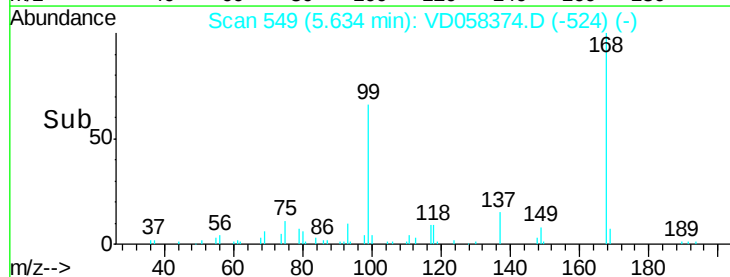
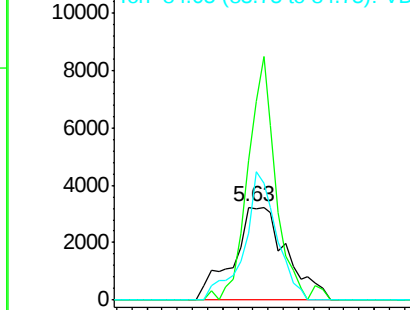
56 100

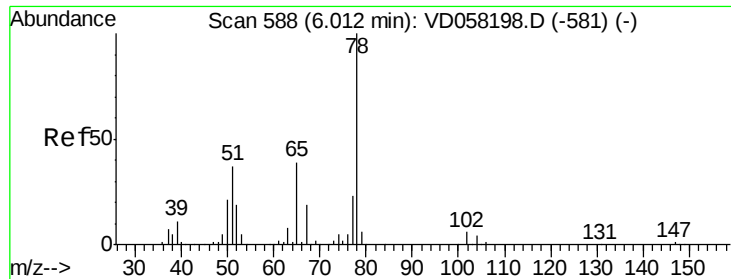
69 150.8 23.6 35.4#

84 71.8 65.2 97.8



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

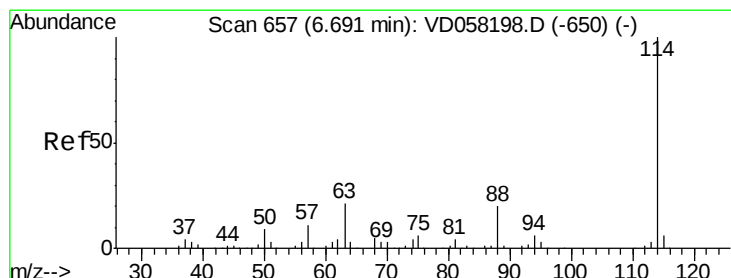
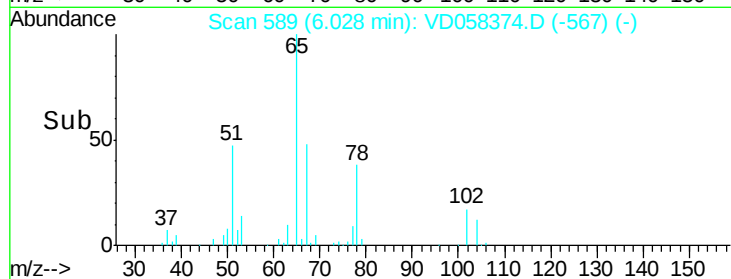
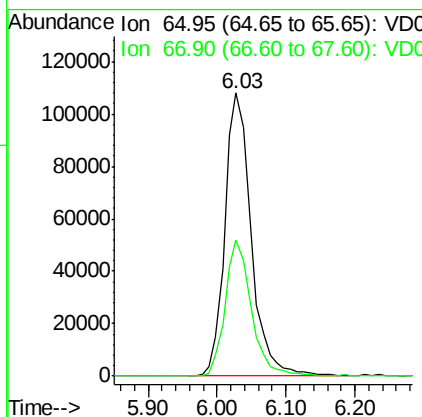
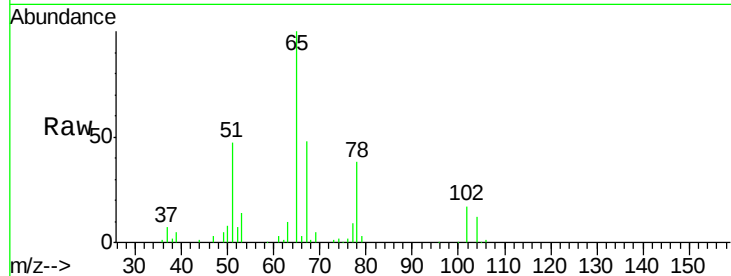




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.03 min Scan# 589
 Delta R.T. 0.02 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

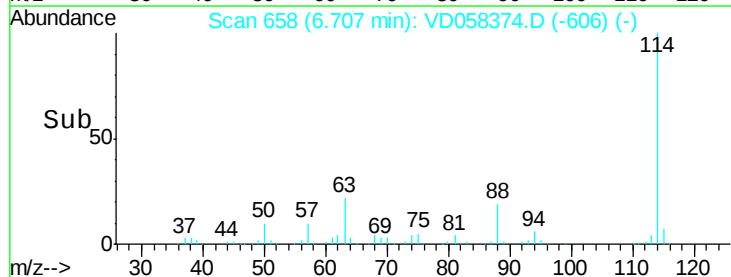
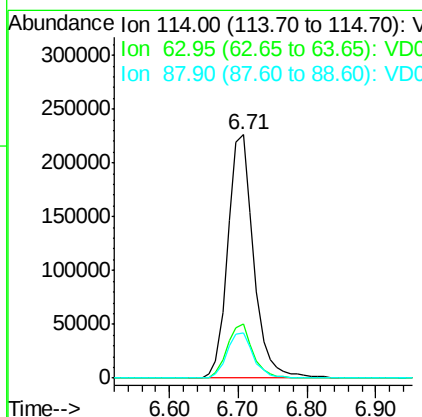
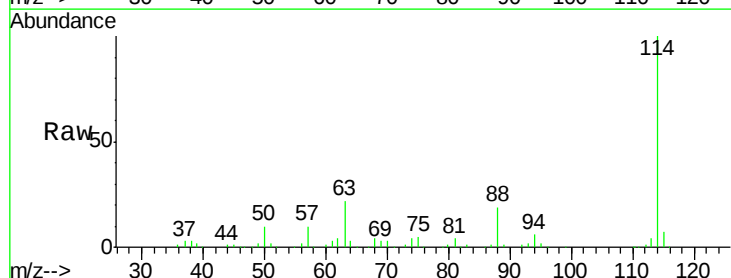
Instrument :
 MSVOA_D
 ClientSampleId :

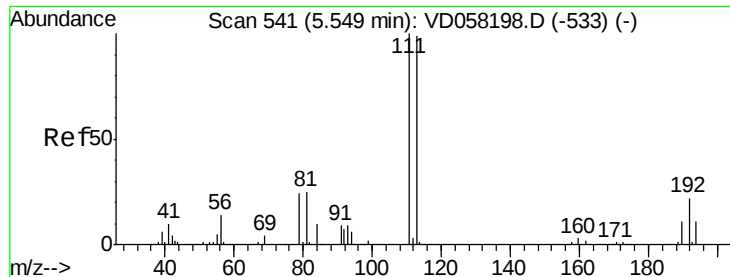
Tot Ion: 65 Resp: 286101
 Ion Ratio Lower Upper
 65 100
 67 48.2 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.71 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Tgt Ion: 114 Resp: 585781
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 42.6
 88 18.6 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.57 min Scan# 542

Delta R.T. 0.02 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :

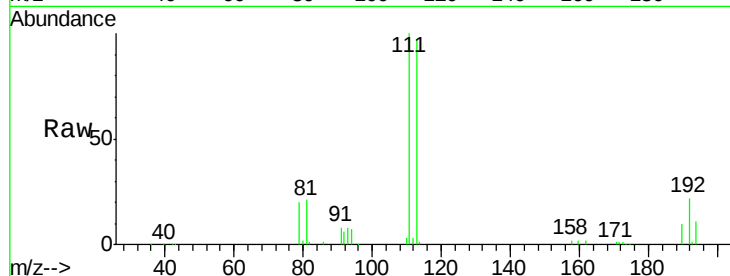
Tot Ion:113 Resp: 265381

Ion Ratio Lower Upper

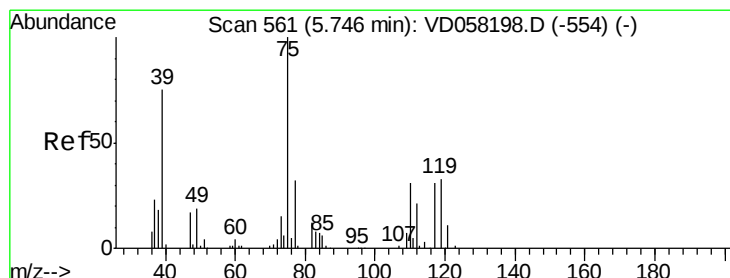
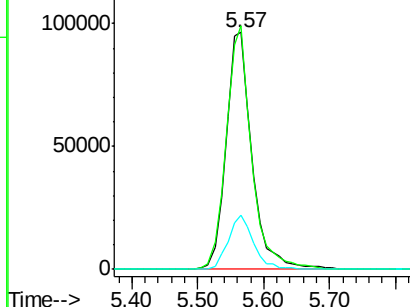
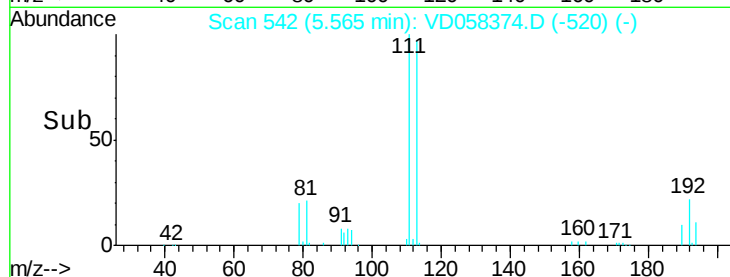
113 100

111 102.8 80.6 121.0

192 22.6 17.8 26.6



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: 5.806 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.09 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

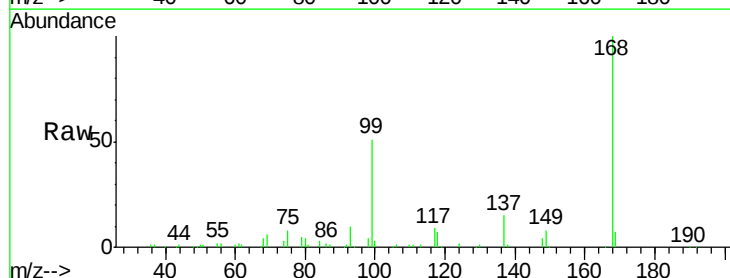
Tgt Ion: 75 Resp: 33644

Ion Ratio Lower Upper

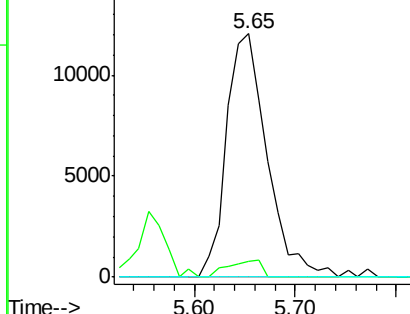
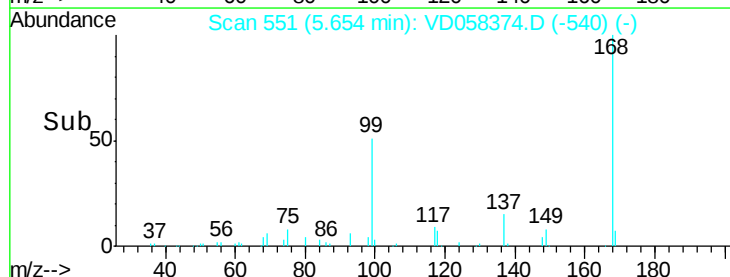
75 100

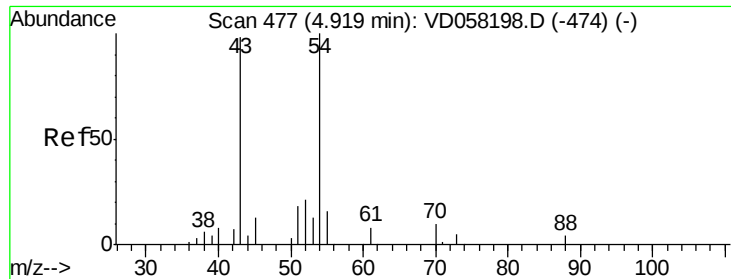
110 6.4 15.4 46.4#

77 0.0 25.4 38.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): VDC

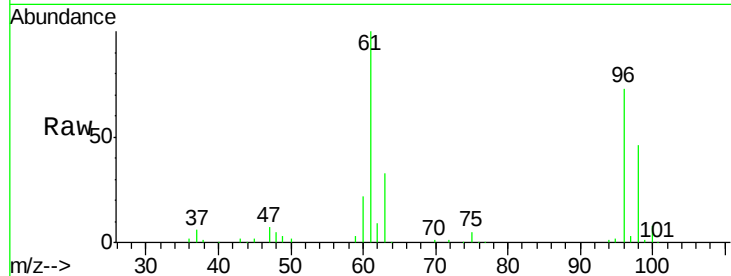




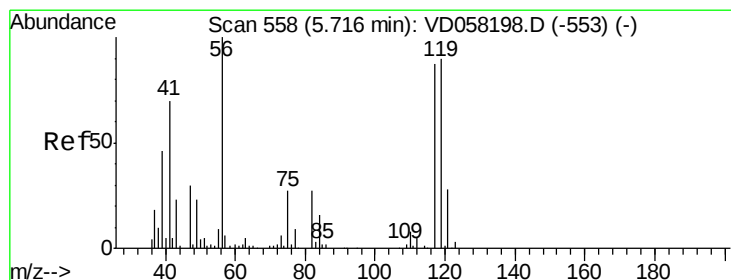
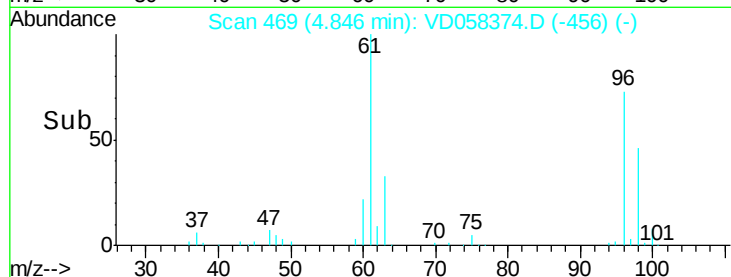
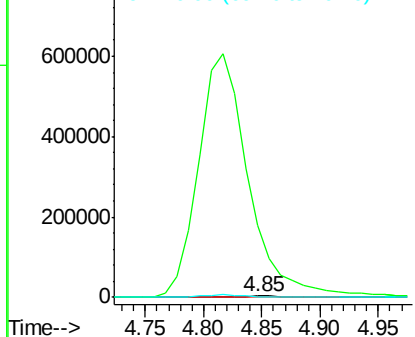
#37
Ethyl Acetate
Concen: 2.974 ug/l
RT: 4.85 min Scan# 469
Delta R.T. -0.07 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 43 Resp: 9820
Ion Ratio Lower Upper
43 100
61 5430.1 10.3 15.5#
70 61.3 5.7 8.5#

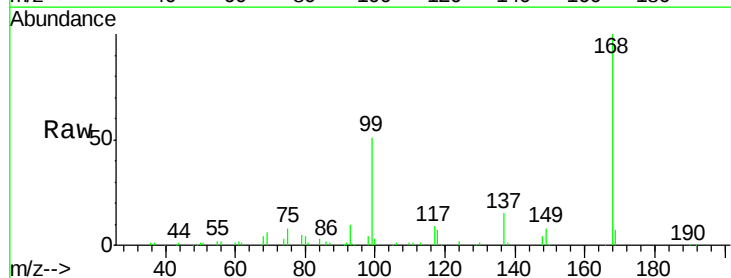


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

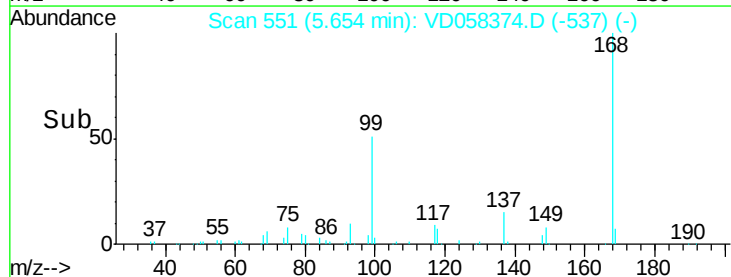
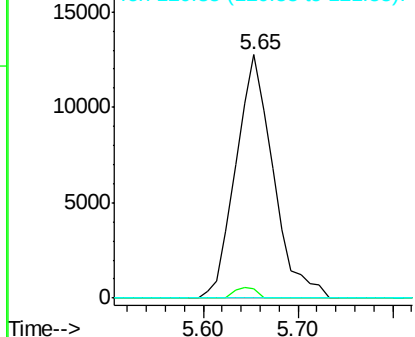


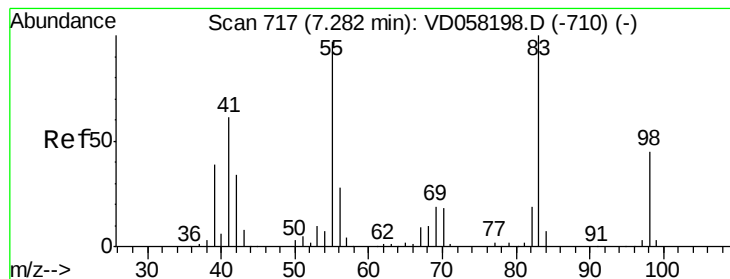
#38
Carbon Tetrachloride
Concen: 6.048 ug/l
RT: 5.65 min Scan# 551
Delta R.T. -0.06 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 117 Resp: 34821
Ion Ratio Lower Upper
117 100
119 3.8 78.8 118.2#
121 0.0 25.0 37.6#



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





#39

Methylcyclohexane

Concen: 3.156 ug/l

RT: 7.30 min Scan# 718

Delta R.T. 0.02 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

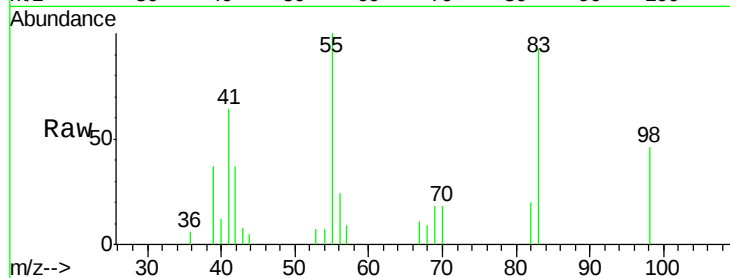
Tot Ion: 83 Resp: 17816

Ion Ratio Lower Upper

83 100

55 107.6 77.4 116.2

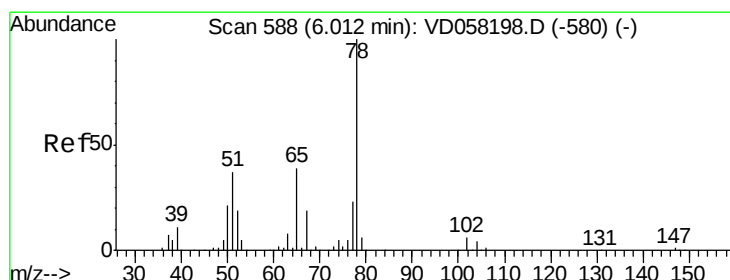
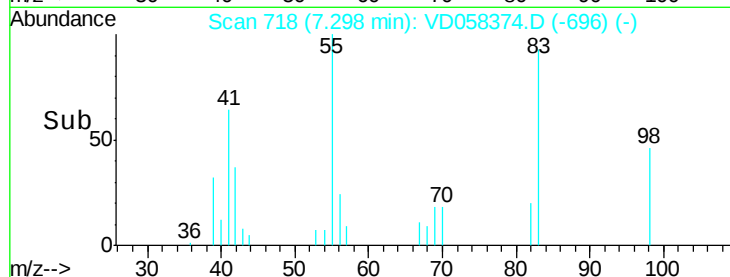
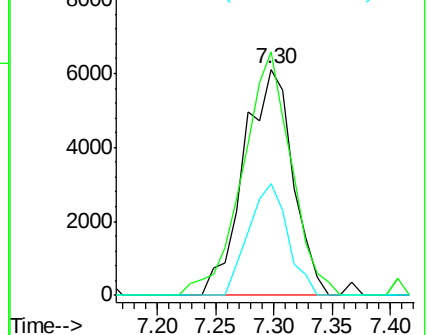
98 49.6 35.9 53.9



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 8.198 ug/l

RT: 6.03 min Scan# 589

Delta R.T. 0.02 min

Lab File: VD058374.D

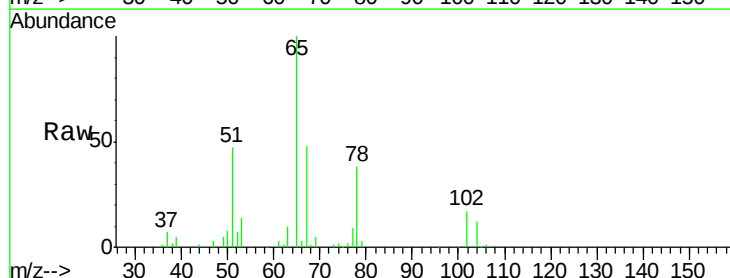
Acq: 24 Jun 2018 16:22

Tgt Ion: 78 Resp: 113165

Ion Ratio Lower Upper

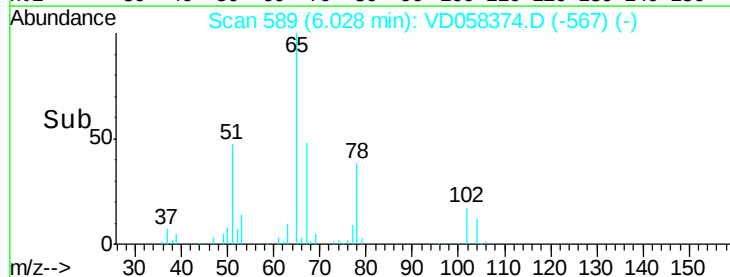
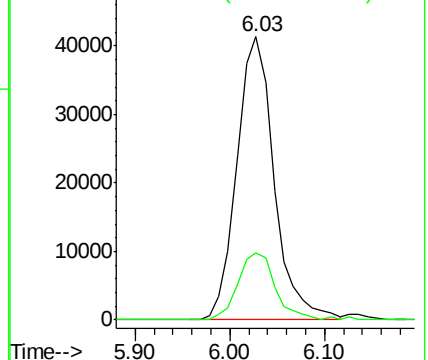
78 100

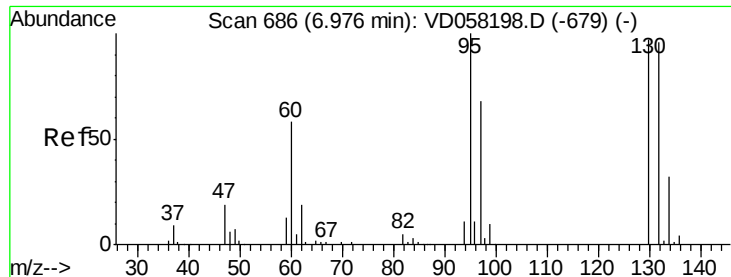
77 23.5 18.5 27.7



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

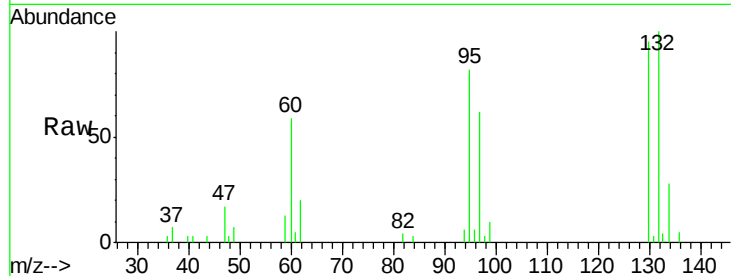




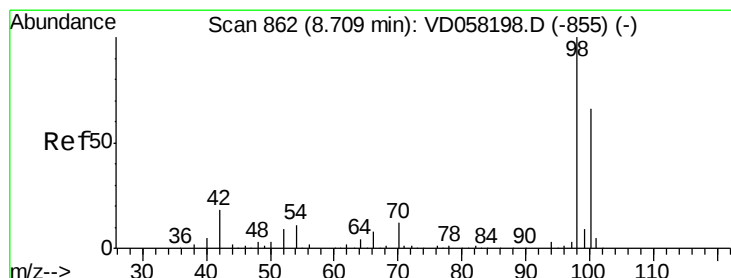
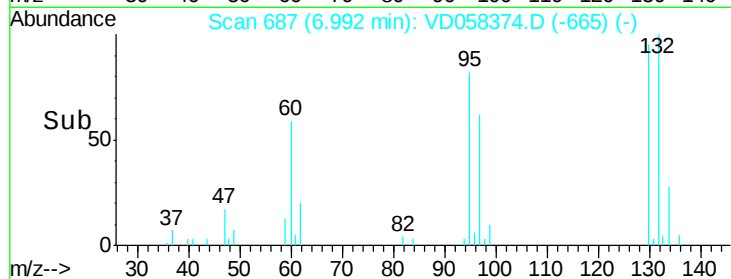
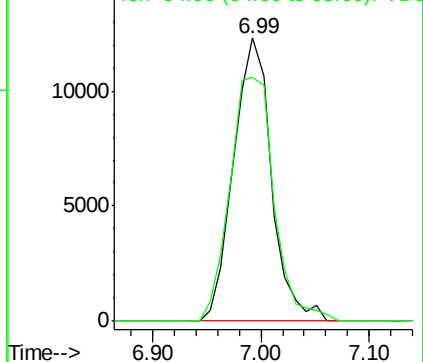
#44
 Trichloroethene
 Concen: 7.223 ug/l
 RT: 6.99 min Scan# 687
 Delta R.T. 0.02 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:130 Resp: 29938
 Ion Ratio Lower Upper
 130 100
 95 86.2 0.0 205.6

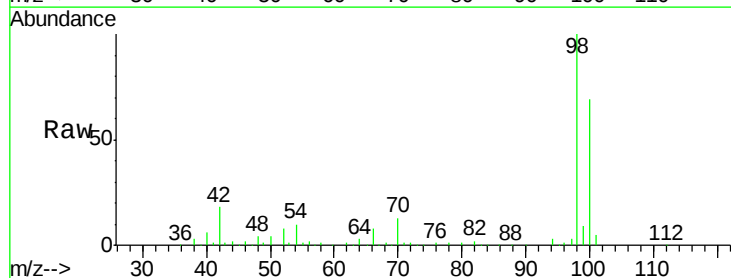


Abundance Ion 129.80 (129.50 to 130.50): V

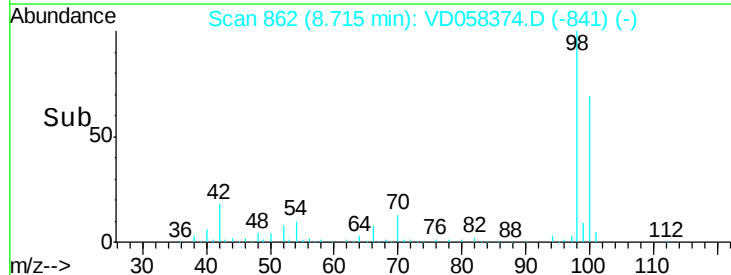
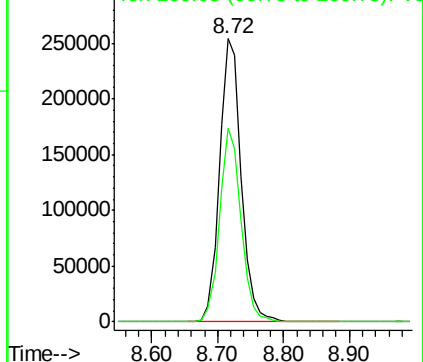


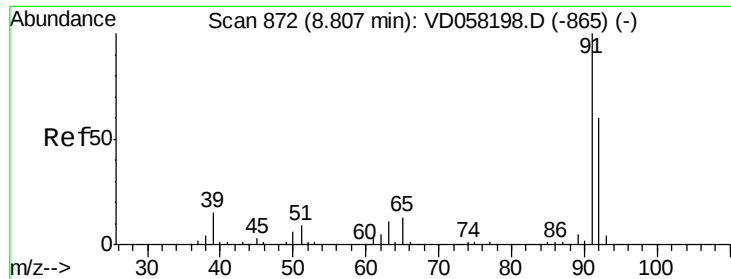
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 8.72 min Scan# 862
 Delta R.T. 0.01 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Tgt Ion: 98 Resp: 582626
 Ion Ratio Lower Upper
 98 100
 100 68.6 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC





#52

Toluene

Concen: 2.192 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

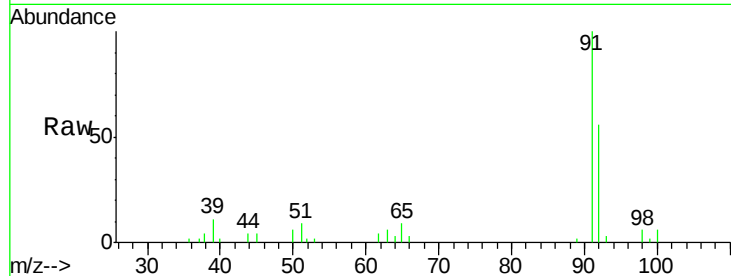
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 92 Resp: 17231

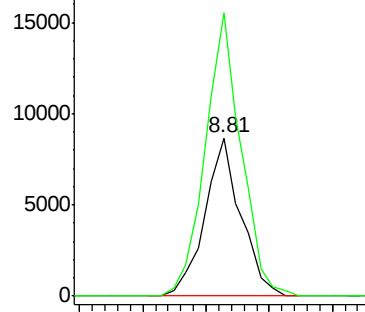
Ion Ratio Lower Upper

92 100

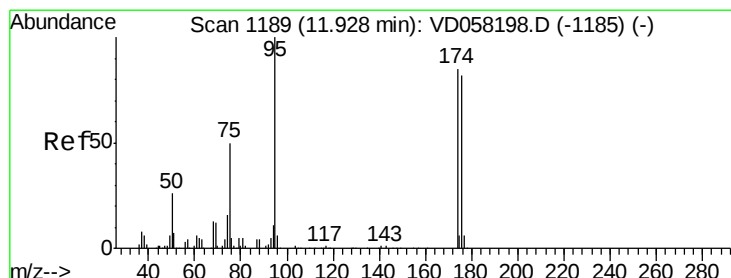
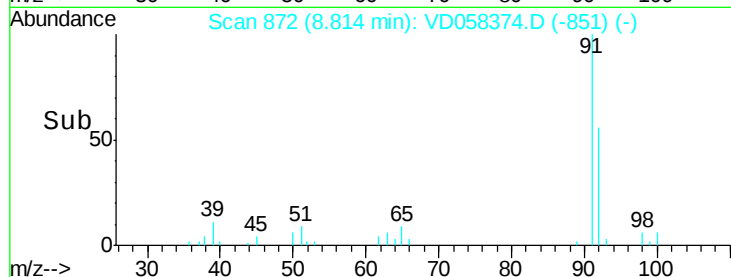
91 178.5 133.2 199.8



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



Time--> 8.70 8.75 8.80 8.85 8.90



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

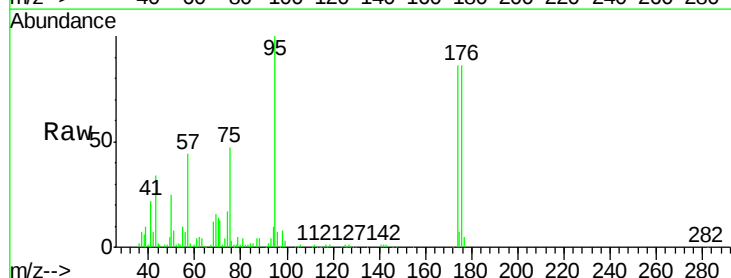
Tgt Ion: 95 Resp: 275702

Ion Ratio Lower Upper

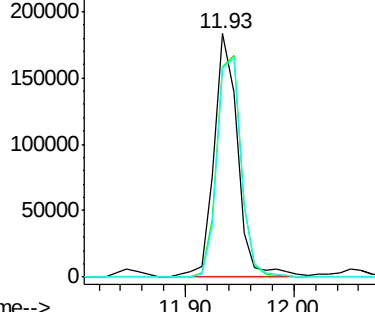
95 100

174 86.4 0.0 170.2

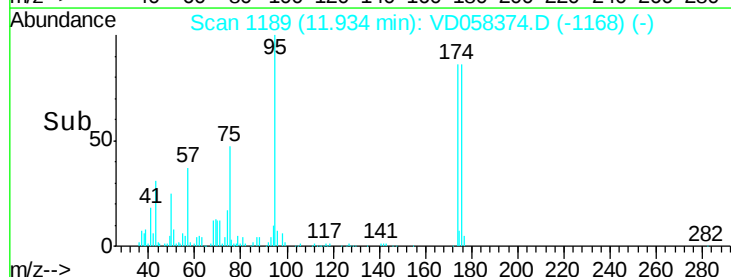
176 85.9 0.0 164.6

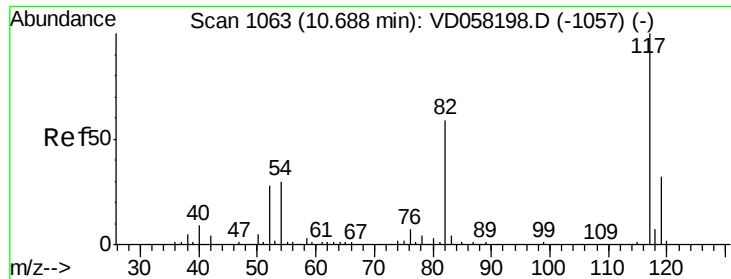


Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V



Time--> 11.90 12.00

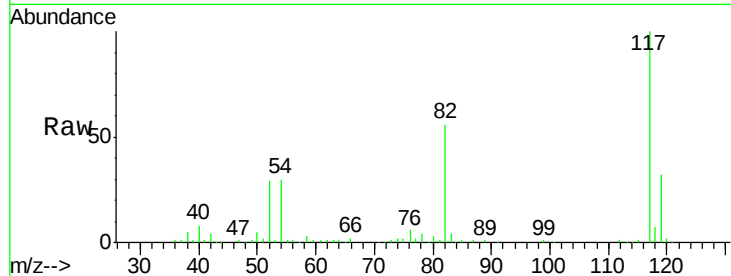




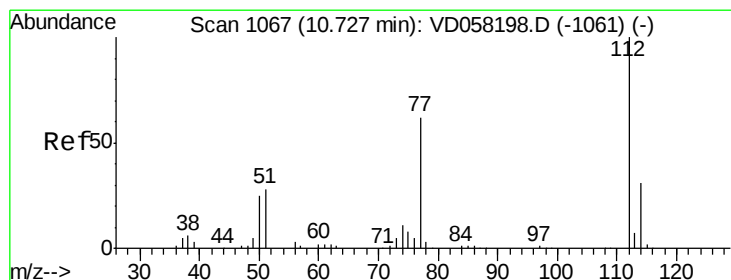
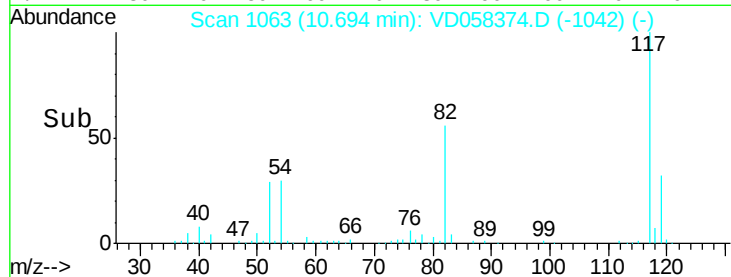
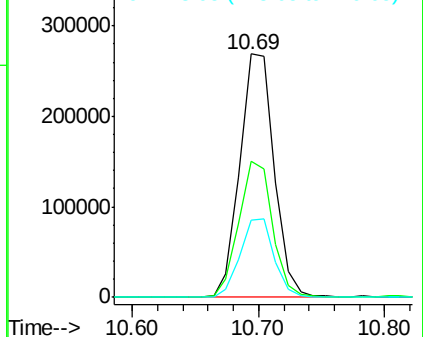
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.01 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:117 Resp: 507922
Ion Ratio Lower Upper
117 100
82 56.1 47.0 70.6
119 31.7 25.3 37.9

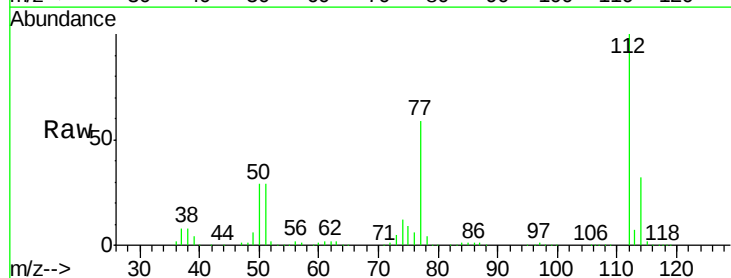


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

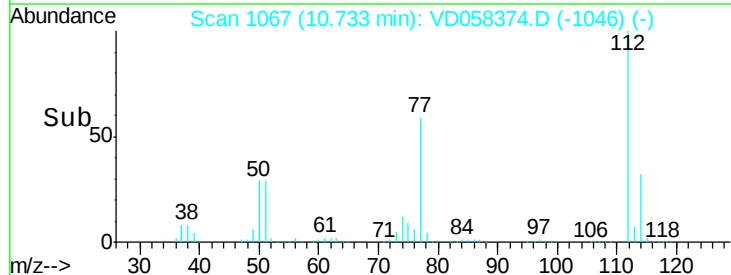
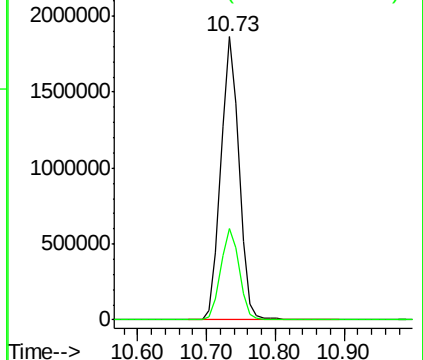


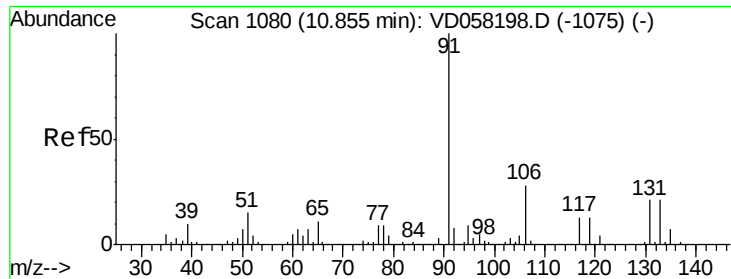
#65
Chlorobenzene
Concen: 361.003 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Tgt Ion:112 Resp: 3429867
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V





#67

Ethyl Benzene

Concen: 1.156 ug/l

RT: 10.86 min Scan# 1080

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

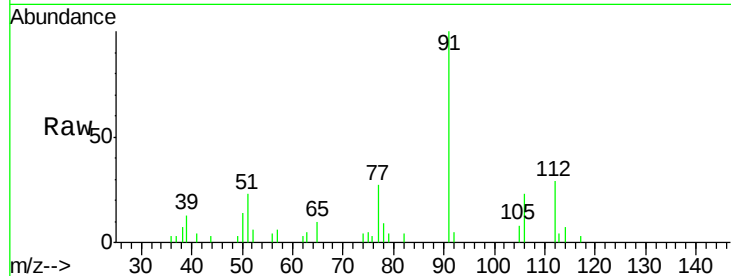
ClientSampled :

Tot Ion: 91 Resp: 19398

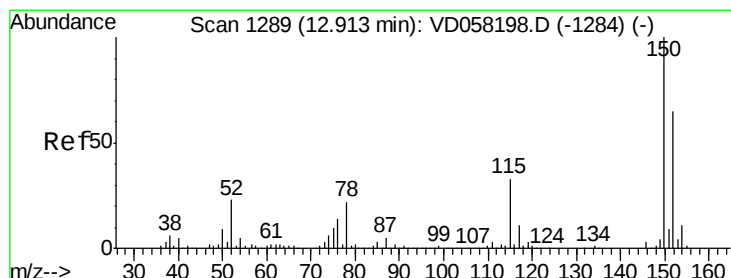
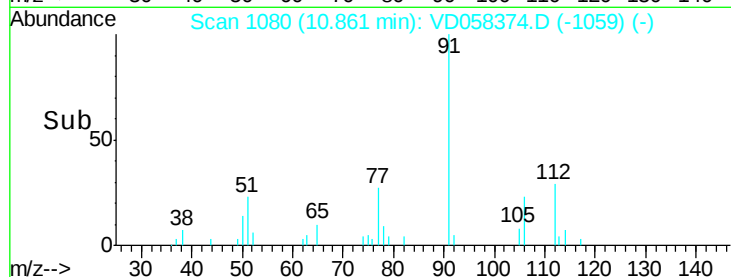
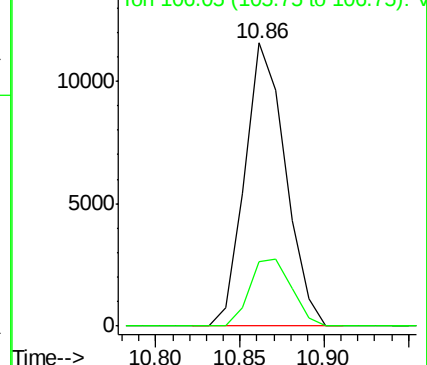
Ion Ratio Lower Upper

91 100

106 22.7 22.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VD058198.D (-1075) (-)



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

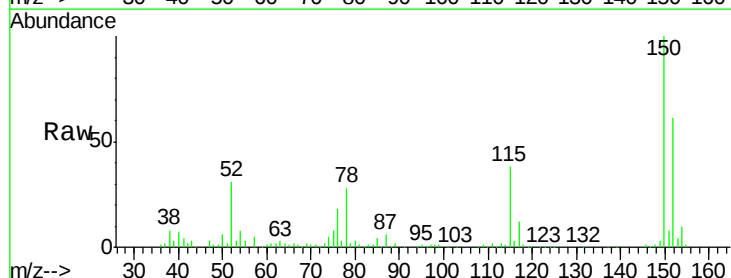
Tgt Ion: 152 Resp: 279980

Ion Ratio Lower Upper

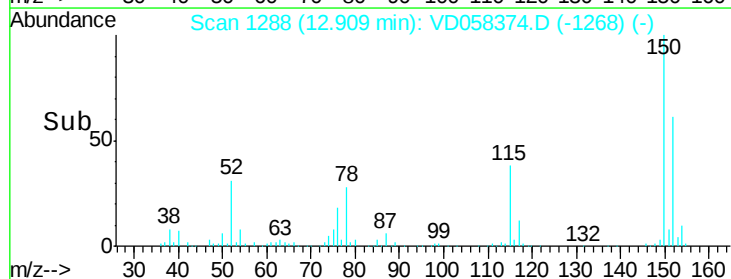
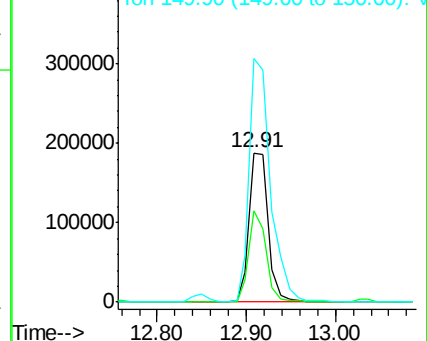
152 100

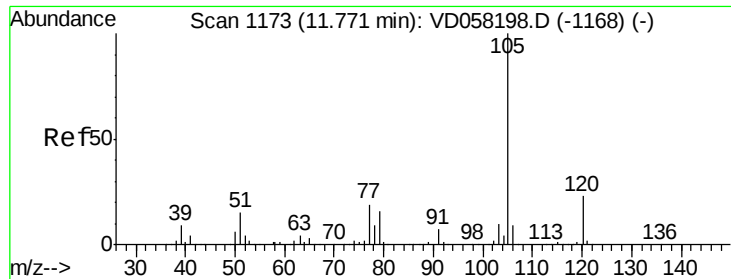
115 61.2 25.1 75.3

150 163.1 0.0 308.8



Abundance Ion 151.90 (151.60 to 152.60): VD058198.D (-1284) (-)





#73

Isopropylbenzene

Concen: 1.538 ug/l

RT: 11.78 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

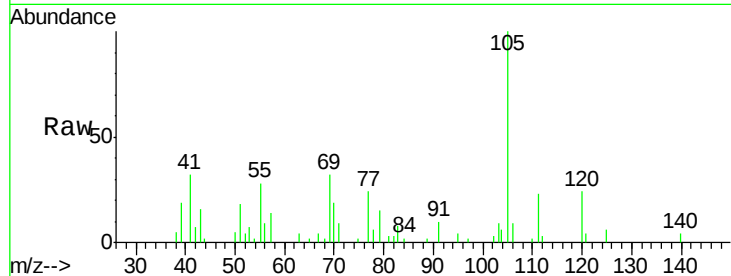
ClientSampleId :

Tot Ion:105 Resp: 25750

Ion Ratio Lower Upper

105 100

120 27.3 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.78

20000

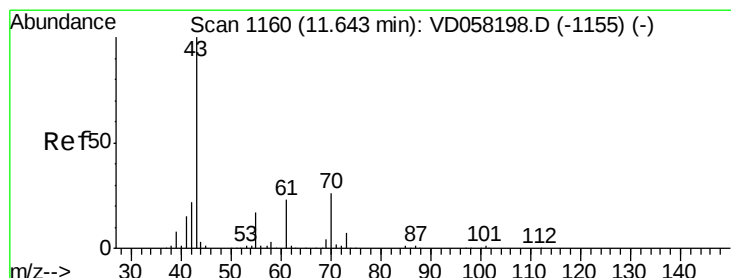
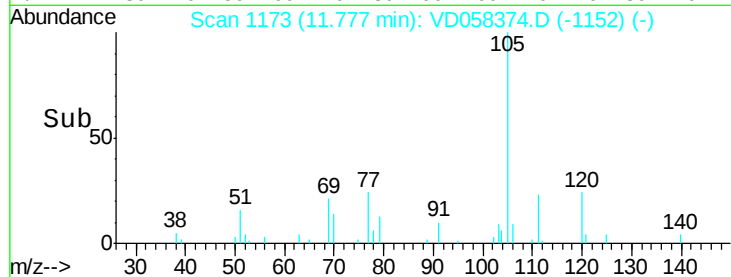
15000

10000

5000

0

Time--> 11.70 11.75 11.80 11.85



#74

N-ethyl acetate

Concen: 2.353 ug/l

RT: 11.65 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Tgt Ion: 43 Resp: 15239

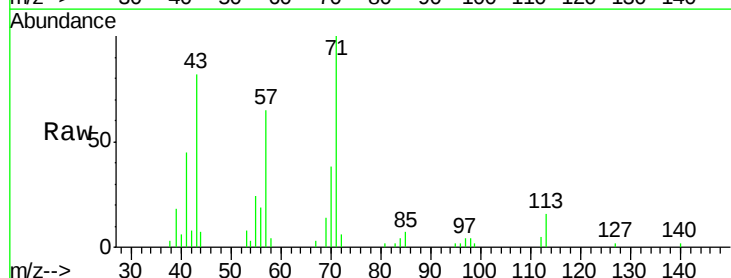
Ion Ratio Lower Upper

43 100

70 46.5 20.9 31.3#

55 29.1 13.5 20.3#

61 0.0 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC

30000

25000

20000

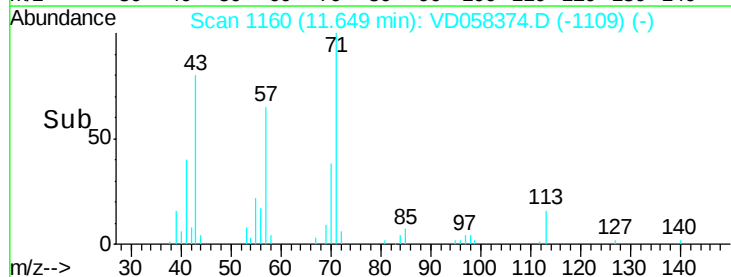
15000

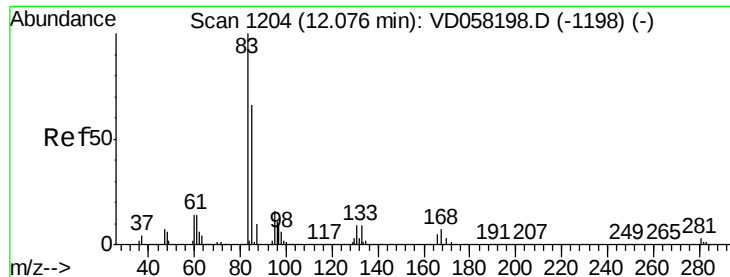
10000

5000

0

Time--> 11.62 11.64 11.66





#75

1,1,2,2-Tetrachloroethane

Concen: 1.400 ug/l

RT: 12.06 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampled :

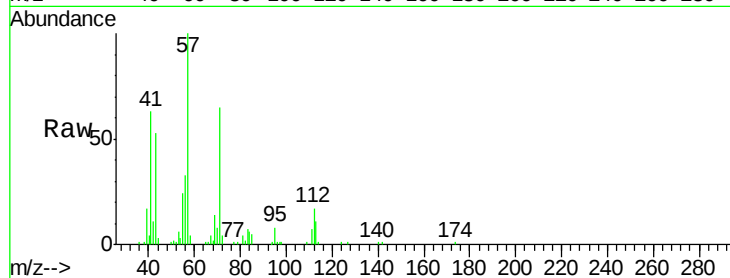
Tot Ion: 83 Resp: 5457

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

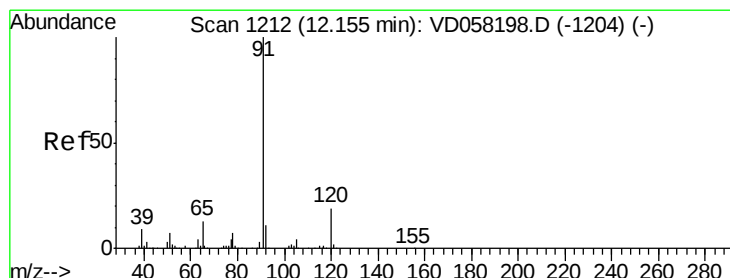
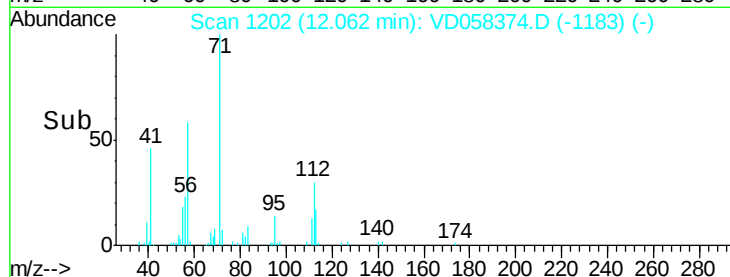
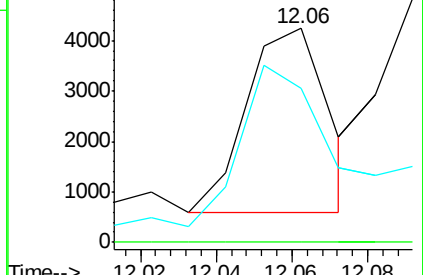
85 71.7 33.1 99.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#78

n-propylbenzene

Concen: 1.660 ug/l

RT: 12.16 min Scan# 1212

Delta R.T. 0.01 min

Lab File: VD058374.D

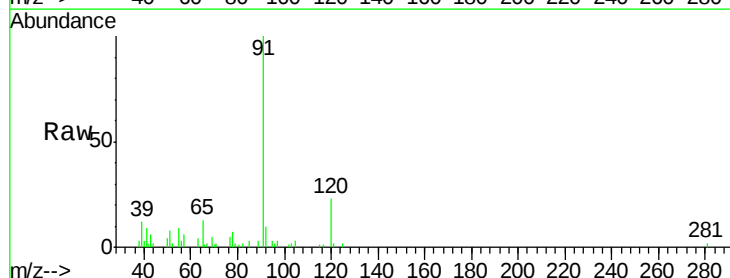
Acq: 24 Jun 2018 16:22

Tgt Ion: 91 Resp: 35893

Ion Ratio Lower Upper

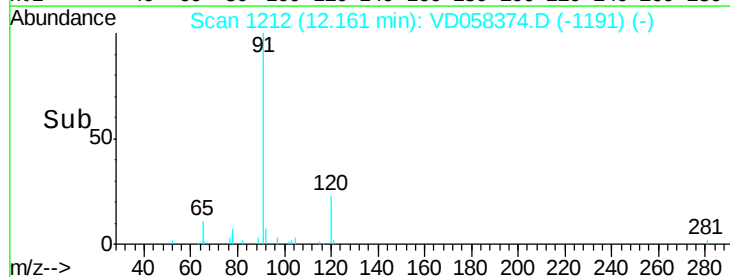
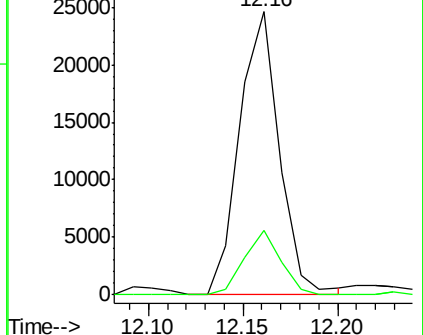
91 100

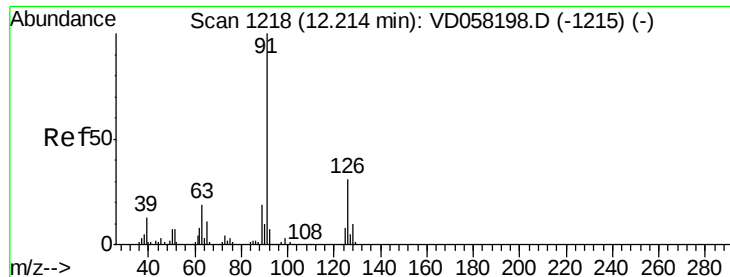
120 22.7 9.7 29.1



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): VDC

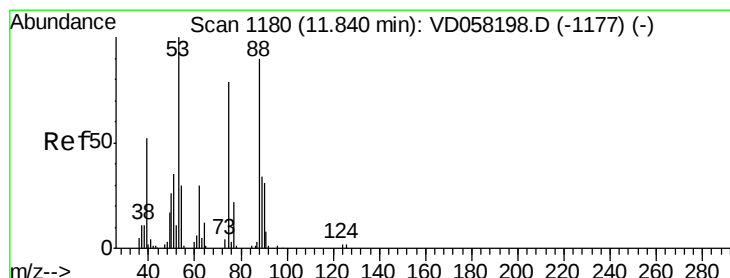
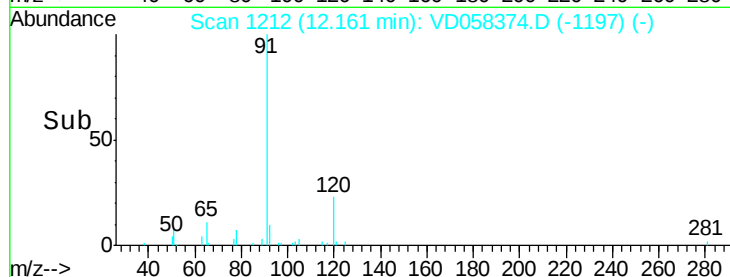
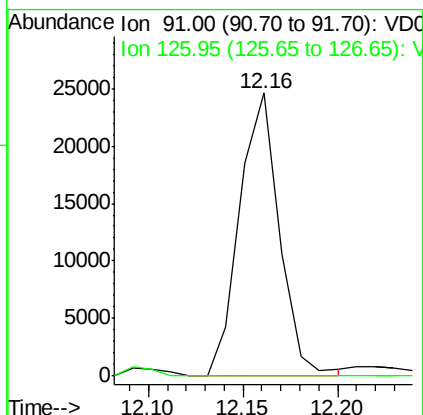
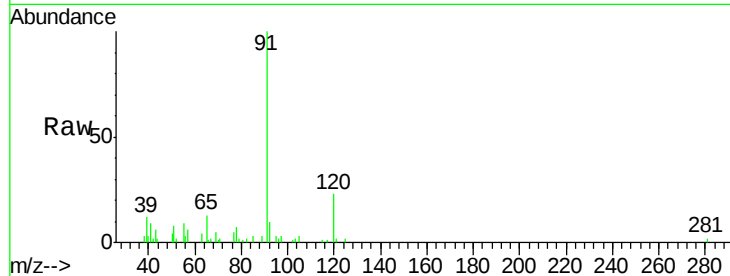




#79
2-Chlorotoluene
Concen: 2.900 ug/l
RT: 12.16 min Scan# 1212
Delta R.T. -0.05 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

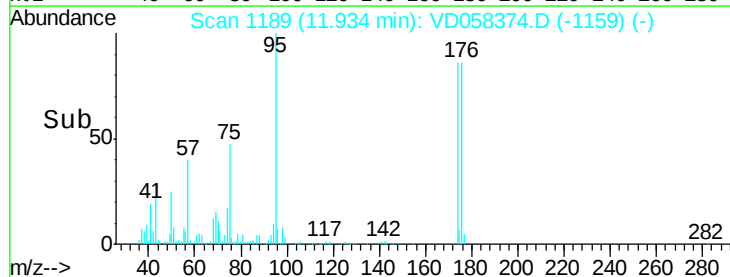
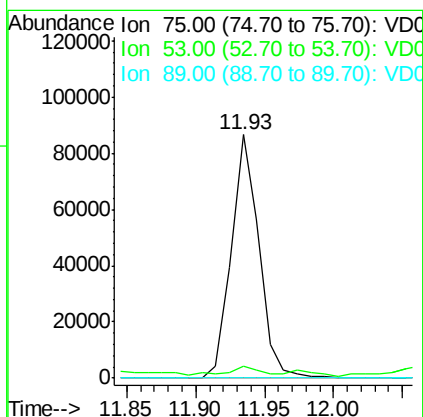
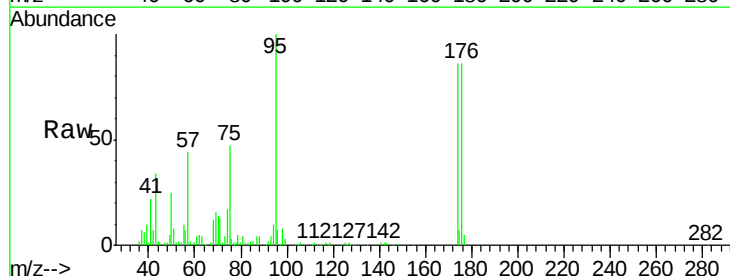
Instrument :
MSVOA_D
ClientSampled :

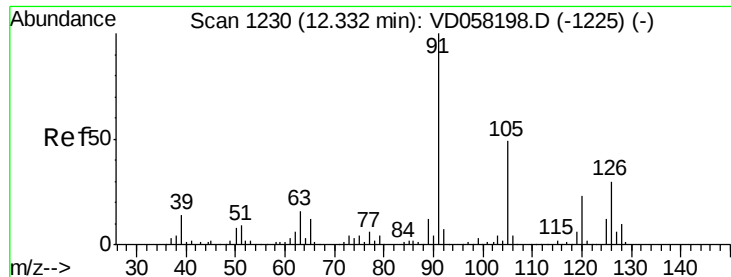
Tot Ion: 91 Resp: 35893
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.030 ug/l
RT: 11.93 min Scan# 1189
Delta R.T. 0.09 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 75 Resp: 120665
Ion Ratio Lower Upper
75 100
53 4.7 100.8 151.2#
89 0.0 34.6 52.0#

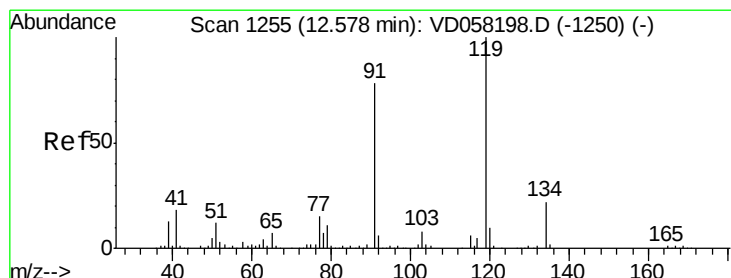
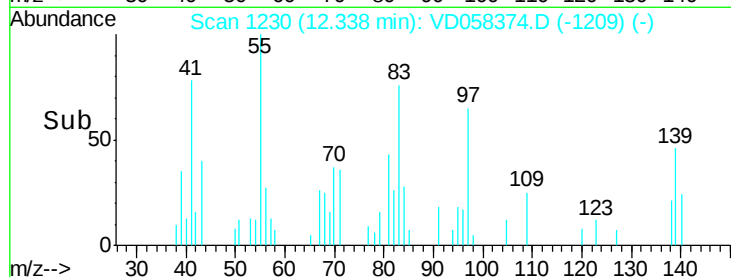
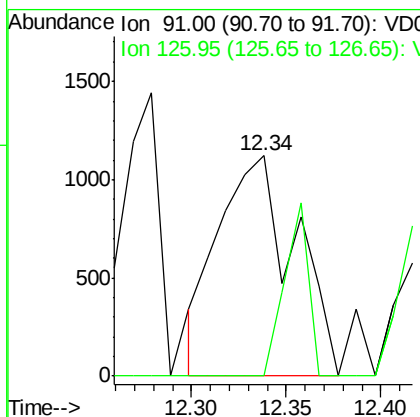
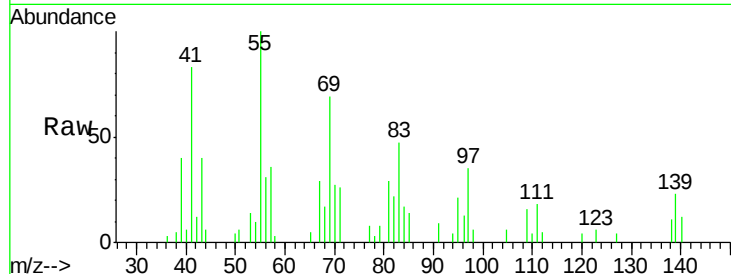




#82
4-Chlorotoluene
Concen: Below Cal
RT: 12.34 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

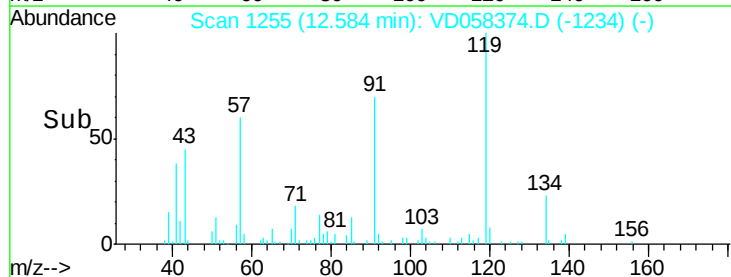
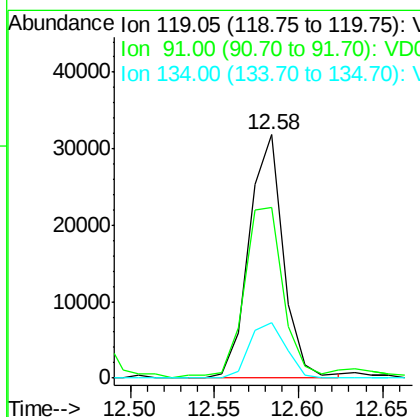
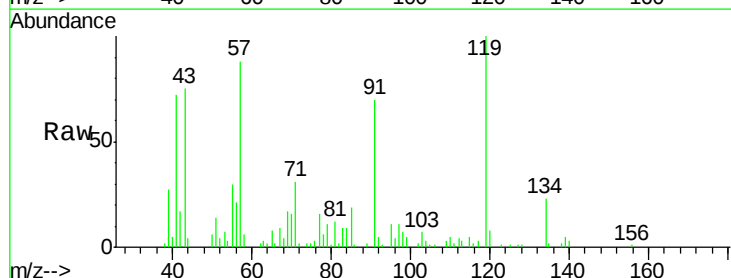
Instrument :
MSVOA_D
ClientSampleId :

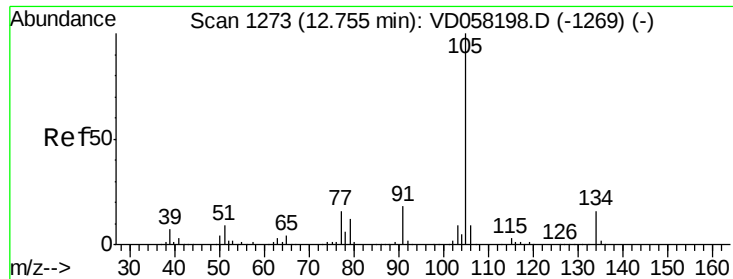
Tot Ion: 91 Resp: 3152
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.9#



#83
tert-Butylbenzene
Concen: 2.980 ug/l
RT: 12.58 min Scan# 1255
Delta R.T. 0.01 min
Lab File: VD058374.D
Acq: 24 Jun 2018 16:22

Tgt Ion: 119 Resp: 44748
Ion Ratio Lower Upper
119 100
91 70.1 38.9 116.6
134 22.9 11.2 33.5





#85

sec-Butylbenzene

Concen: 5.094 ug/l

RT: 12.76 min Scan# 1273

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

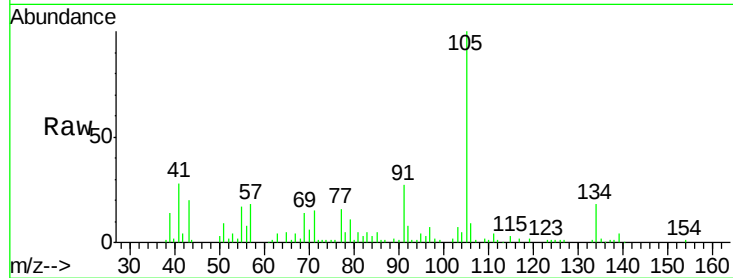
ClientSampleId :

Tot Ion:105 Resp: 89666

Ion Ratio Lower Upper

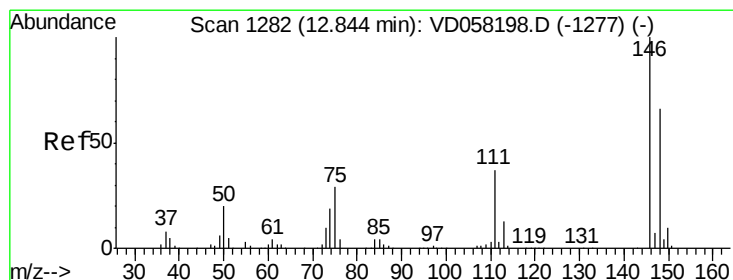
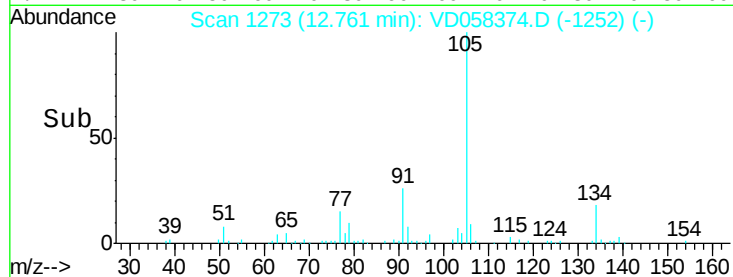
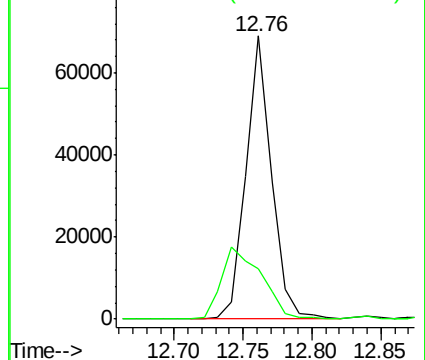
105 100

134 17.9 8.1 24.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#87

1,3-Dichlorobenzene

Concen: 13.532 ug/l

RT: 12.85 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

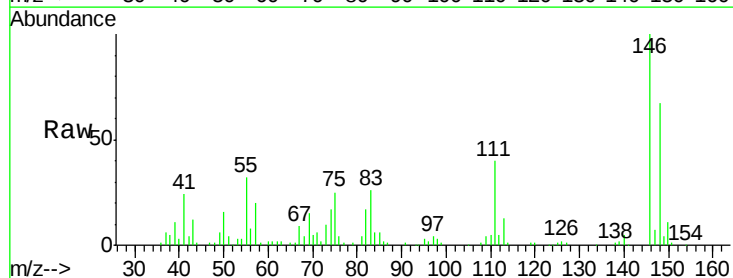
Tgt Ion:146 Resp: 117951

Ion Ratio Lower Upper

146 100

111 39.7 18.4 55.0

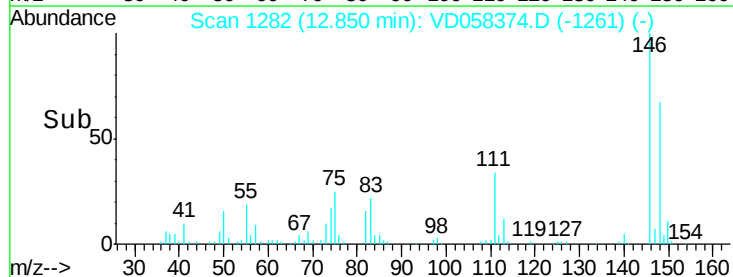
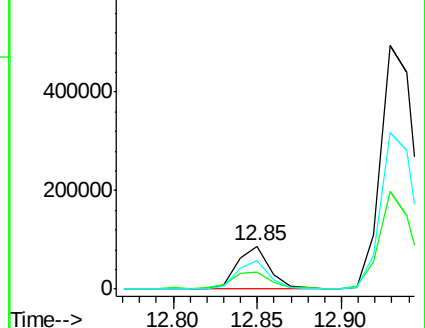
148 66.6 32.8 98.4

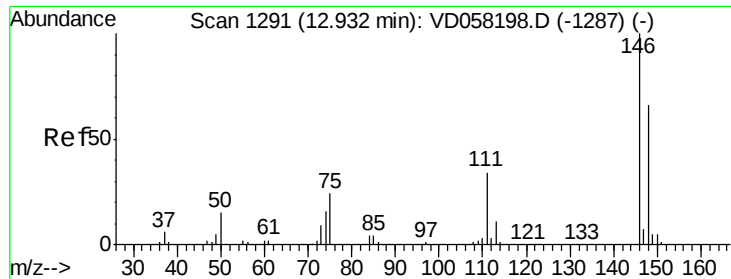


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 82.141 ug/l

RT: 12.93 min Scan# 1290

Delta R.T. -0.00 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

Instrument :

MSVOA_D

ClientSampleId :

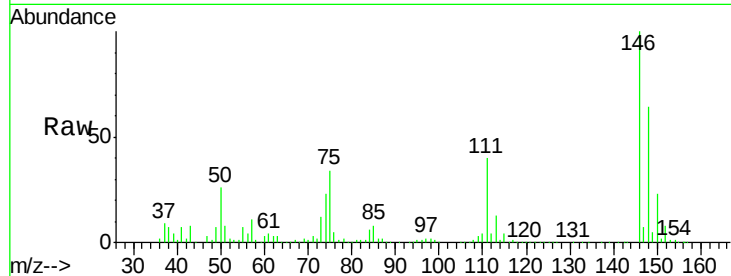
Tot Ion:146 Resp: 699154

Ion Ratio Lower Upper

146 100

111 40.4 17.2 51.5

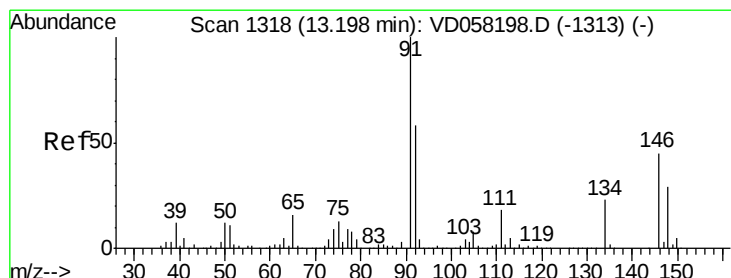
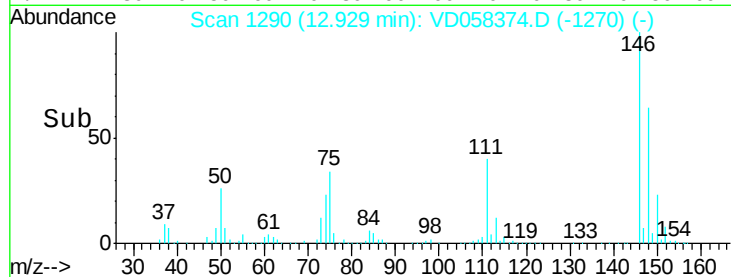
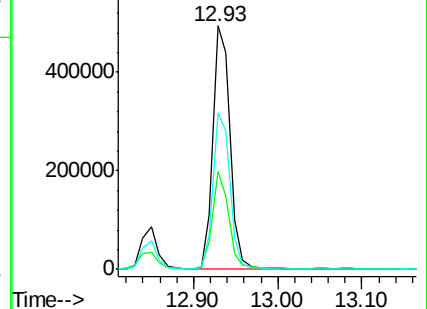
148 64.5 33.1 99.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 2.688 ug/l

RT: 13.20 min Scan# 1318

Delta R.T. 0.01 min

Lab File: VD058374.D

Acq: 24 Jun 2018 16:22

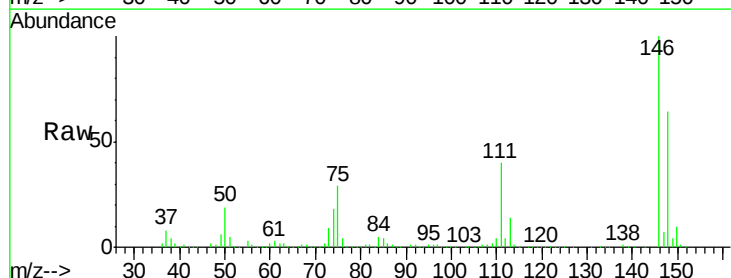
Tgt Ion: 91 Resp: 40304

Ion Ratio Lower Upper

91 100

92 55.0 29.2 87.6

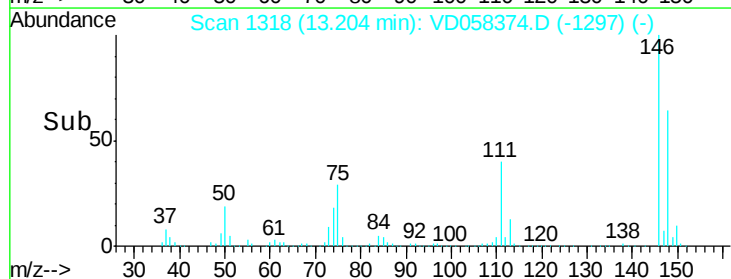
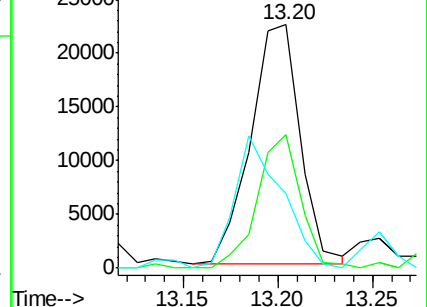
134 30.7 11.3 33.8

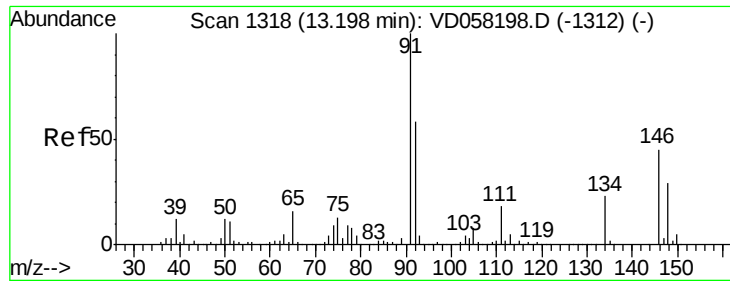


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V

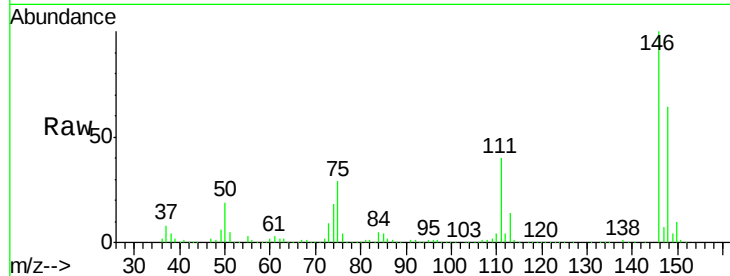




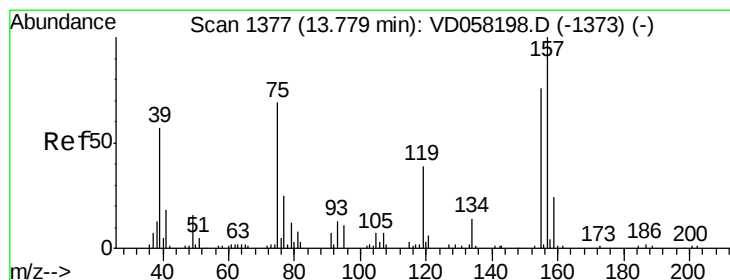
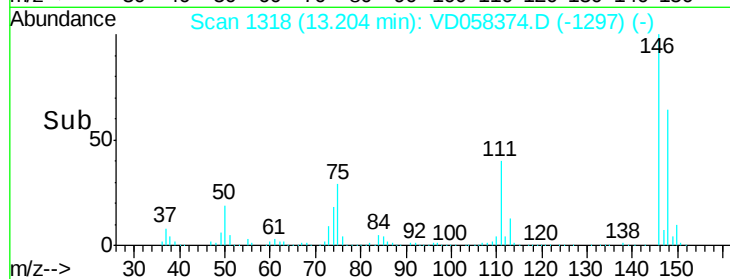
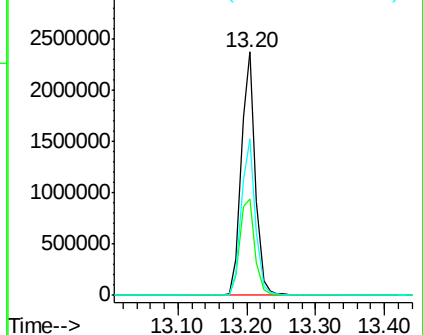
#91
 1,2-Dichlorobenzene
 Concen: 450.905 ug/l
 RT: 13.20 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:146 Resp: 3344592
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 64.1 32.0 96.2

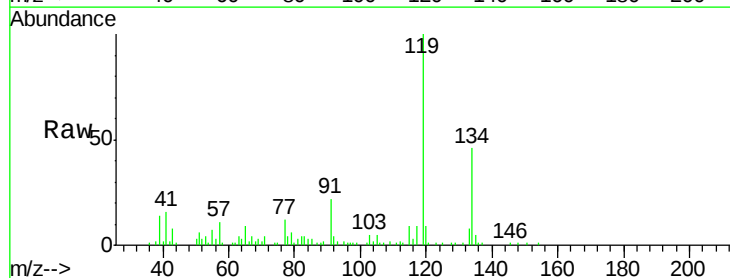


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

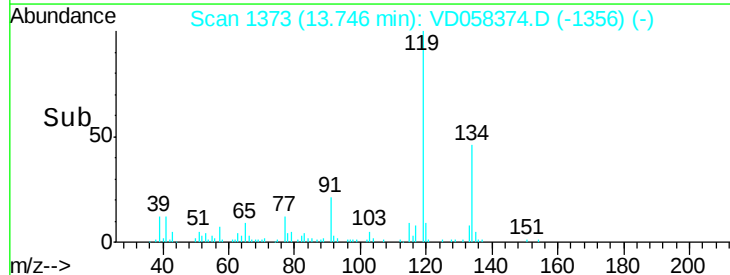
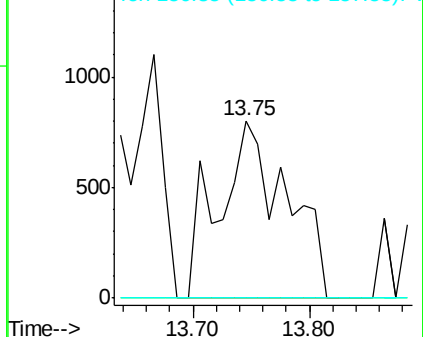


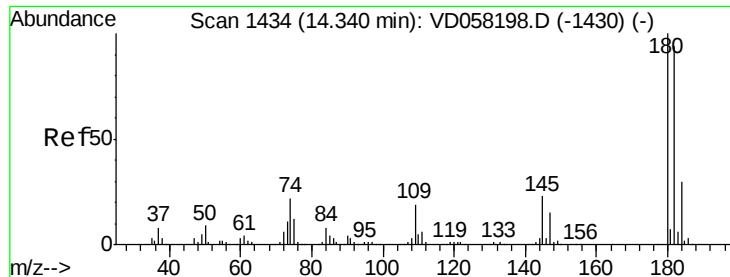
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.214 ug/l
 RT: 13.75 min Scan# 1373
 Delta R.T. -0.03 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Tgt Ion: 75 Resp: 3234
 Ion Ratio Lower Upper
 75 100
 155 0.0 54.5 163.5#
 157 0.0 72.0 215.9#



Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

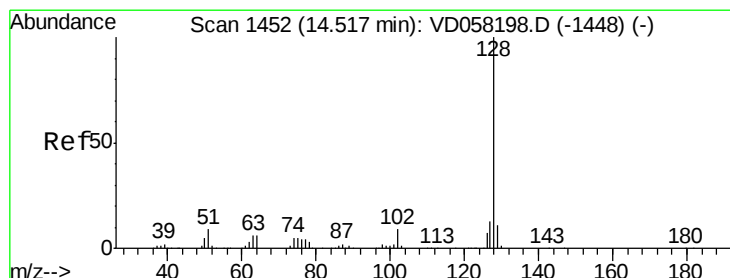
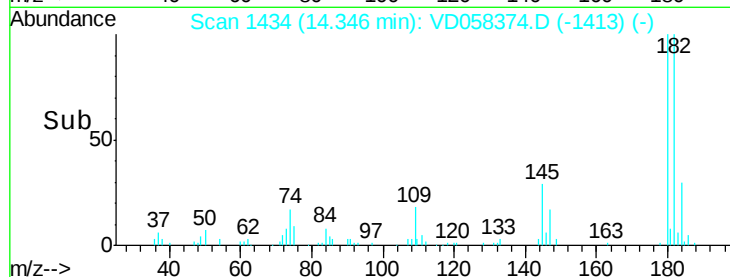
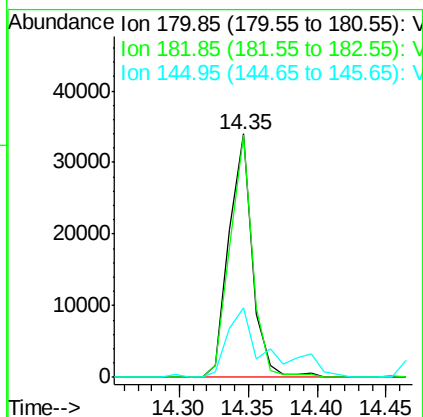
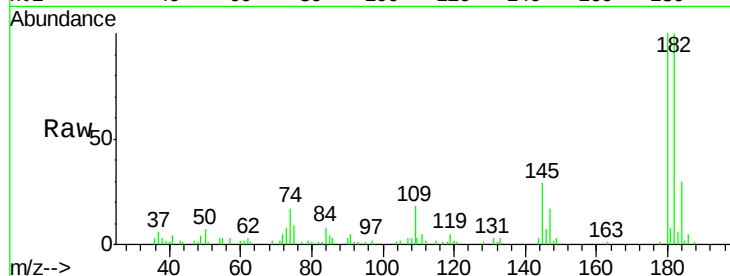




#93
 1,2,4-Trichlorobenzene
 Concen: 5.678 ug/l
 RT: 14.35 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

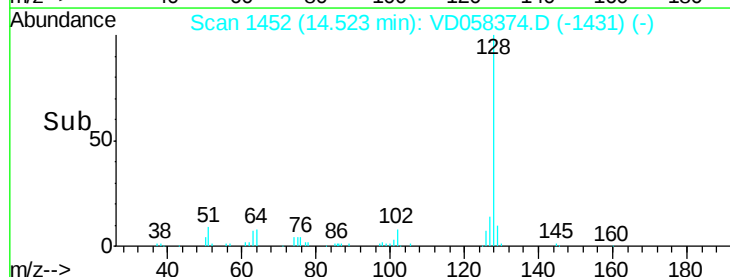
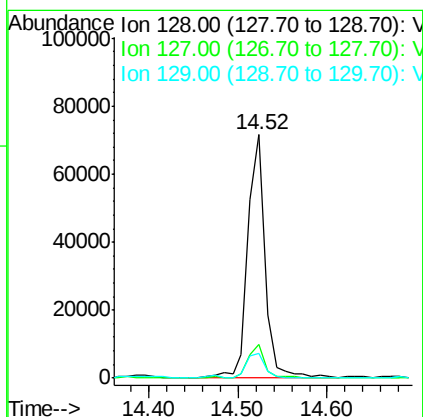
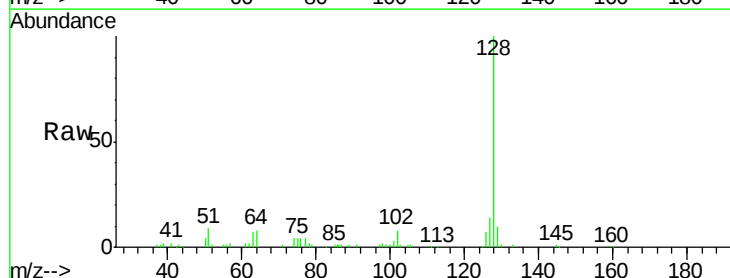
Instrument :
 MSVOA_D
 ClientSampleId :

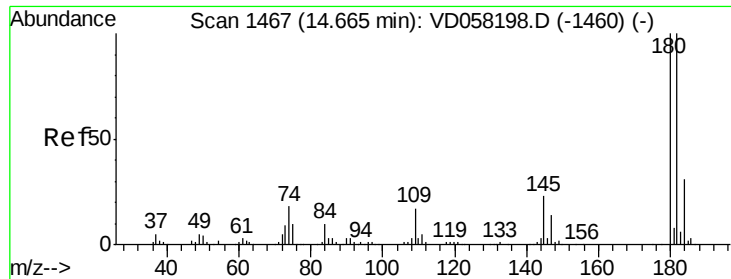
Tot Ion:180 Resp: 40281
 Ion Ratio Lower Upper
 180 100
 182 99.6 47.1 141.3
 145 28.8 11.7 35.0



#95
 Naphthalene
 Concen: 10.348 ug/l
 RT: 14.52 min Scan# 1452
 Delta R.T. 0.01 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Tgt Ion:128 Resp: 96697
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.0 15.0
 129 10.3 8.7 13.1

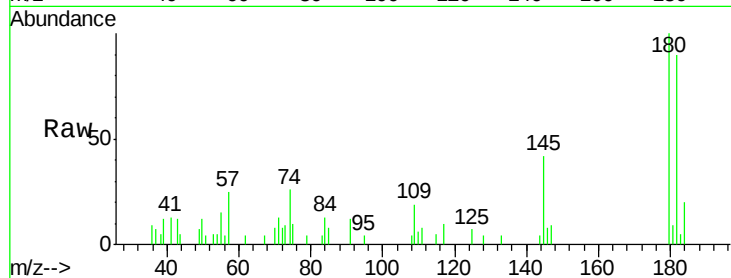




#96
 1,2,3-Trichlorobenzene
 Concen: 1.699 ug/l
 RT: 14.66 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VD058374.D
 Acq: 24 Jun 2018 16:22

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:180 Resp: 10554
 Ion Ratio Lower Upper
 180 100
 182 89.7 49.9 149.6
 145 41.5 11.7 35.1#



Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

