

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060989.D
 Acq On : 8 Mar 2019 17:46
 Operator : VA/AP
 Sample : K1693-03
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-B

Quant Time: Mar 08 22:06:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	726660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1250821	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	1174796	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	503991	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	395661	65.41	ug/l	0.01
Spiked Amount	50.000		Recovery	=	130.82%	
35) Dibromofluoromethane	6.93	113	595798	64.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.36%	
50) Toluene-d8	10.40	98	1348338	57.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.68%	
62) 4-Bromofluorobenzene	13.55	95	524556	57.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.98%	

Target Compounds

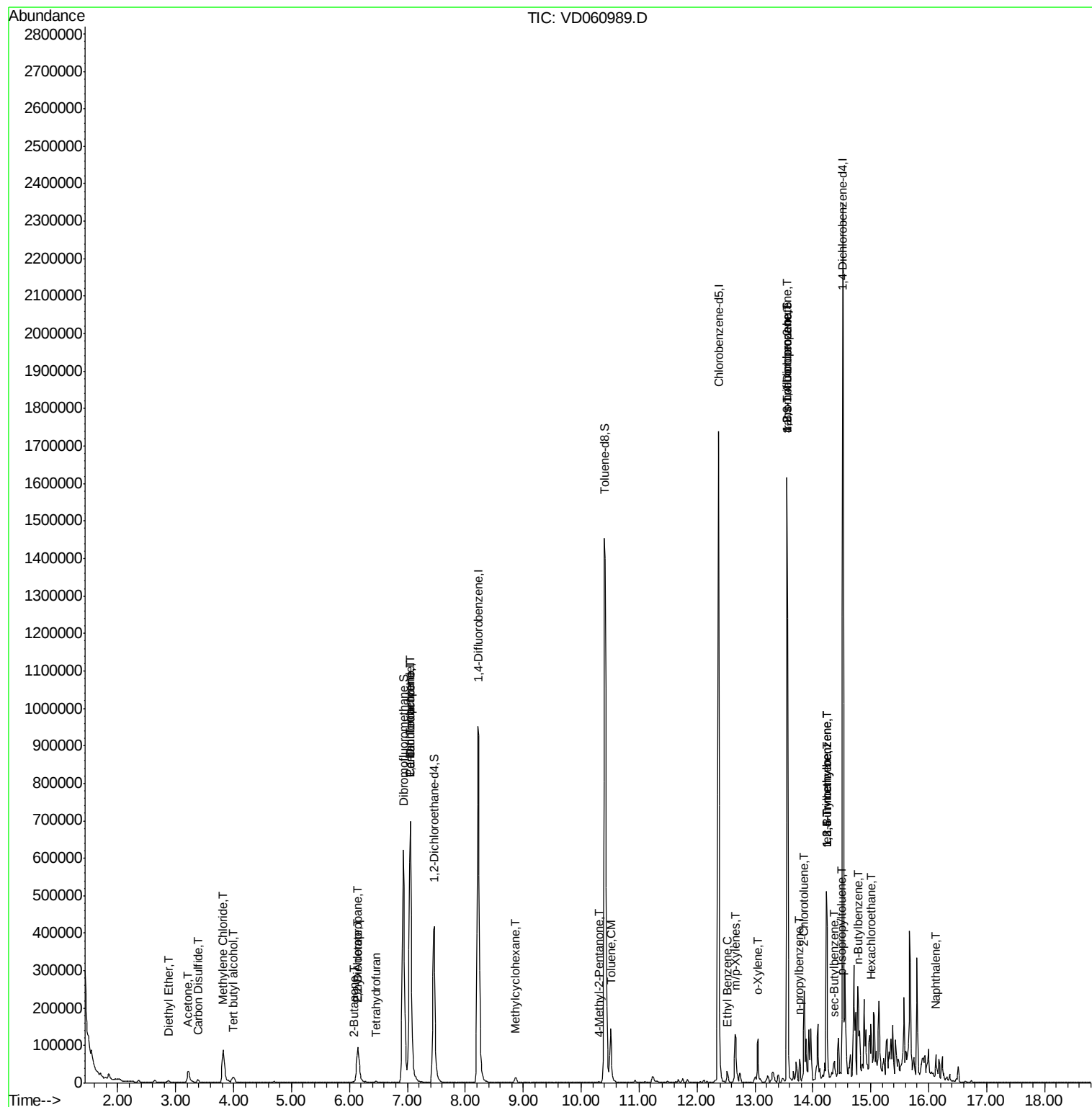
					Qvalue	
5) Bromomethane	2.18	94	197	Below Cal	#	8
8) Diethyl Ether	2.87	74	1626	0.619	ug/l	75
11) Tert butyl alcohol	4.00	59	15385	39.954	ug/l #	75
16) Acetone	3.22	43	61239	35.405	ug/l	92
17) Carbon Disulfide	3.39	76	12937	0.526	ug/l	95
20) Methylene Chloride	3.82	84	66391	4.141	ug/l	97
25) 2-Butanone	6.07	43	5046	2.571	ug/l #	55
26) 2,2-Dichloropropane	6.15	77	6320	0.610	ug/l #	50
29) Tetrahydrofuran	6.46	42	2546	2.389	ug/l #	70
36) 1,1-Dichloropropene	7.05	75	55348	5.133	ug/l #	46
37) Ethyl Acetate	6.14	43	5505	1.088	ug/l #	19
38) Carbon Tetrachloride	7.05	117	70273	5.917	ug/l #	15
39) Methylcyclohexane	8.87	83	7377	0.660	ug/l #	85
51) 4-Methyl-2-Pentanone	10.31	43	2672	0.622	ug/l #	85
52) Toluene	10.51	92	74445	4.444	ug/l	98
67) Ethyl Benzene	12.52	91	21978	0.641	ug/l	100
68) m/p-Xylenes	12.67	106	45559	3.385	ug/l	95
69) o-Xylene	13.05	106	31573	2.387	ug/l	96
76) 1,2,3-Trichloropropane	13.55	75	147192	20.300	ug/l #	44
78) n-propylbenzene	13.77	91	42906	1.009	ug/l	97
79) 2-Chlorotoluene	13.85	91	19744	0.843	ug/l #	38
80) 1,3,5-Trimethylbenzene	14.23	105	239512	8.686	ug/l	98
81) trans-1,4-Dichloro-2-buten	13.55	75	190937	89.319	ug/l #	17
83) tert-Butylbenzene	14.23	119	27265	0.904	ug/l #	57
84) 1,2,4-Trimethylbenzene	14.23	105	239512	8.686	ug/l	98
85) sec-Butylbenzene	14.37	105	21971	0.596	ug/l	91
86) p-Isopropyltoluene	14.49	119	12267	0.407	ug/l	97
89) n-Butylbenzene	14.79	91	46099	1.594	ug/l #	90
90) Hexachloroethane	15.00	117	8548	1.005	ug/l #	13
95) Naphthalene	16.12	128	37674	3.872	ug/l	97

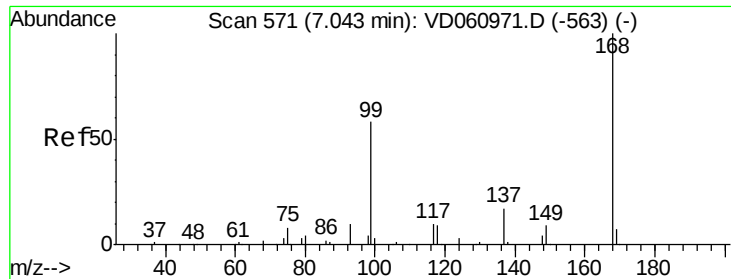
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

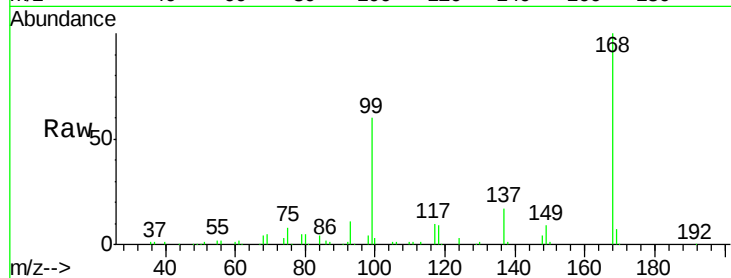
OR-01-030719-B

Tot Ion:168 Resp: 726660

Ion Ratio Lower Upper

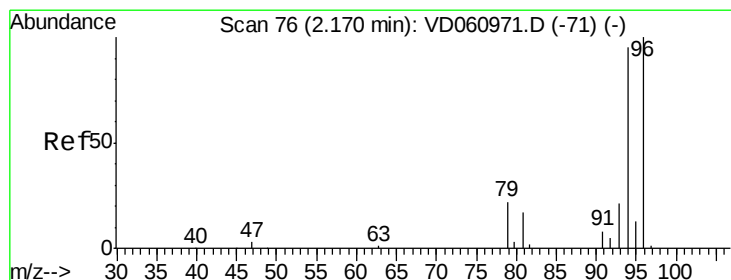
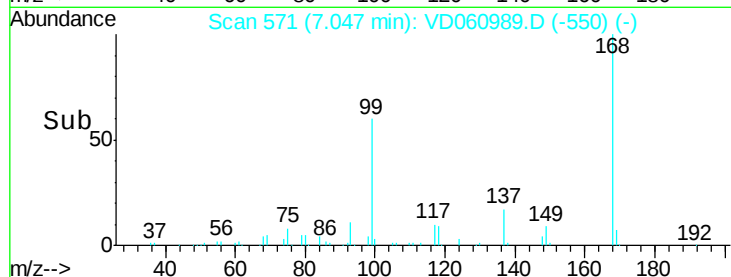
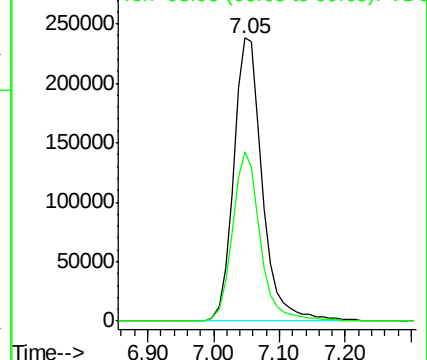
168 100

99 60.0 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.18 min Scan# 77

Delta R.T. 0.02 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

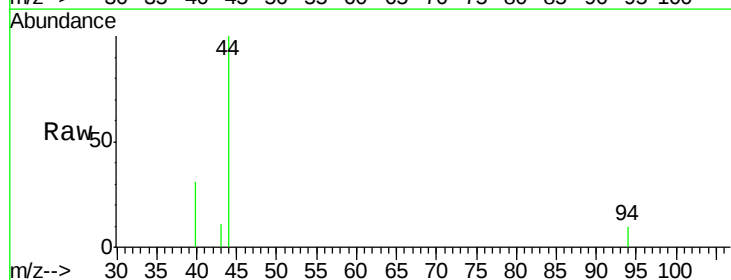
Tgt Ion: 94 Resp: 197

Ion Ratio Lower Upper

94 100

96 0.0 84.0 126.0#

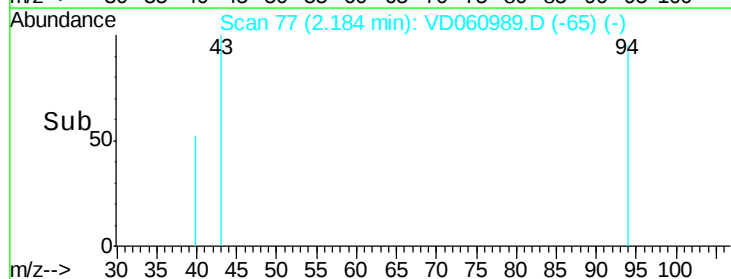
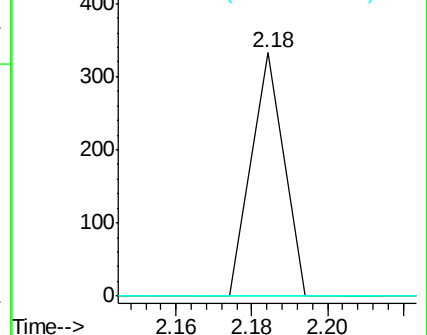
93 0.0 17.3 25.9#

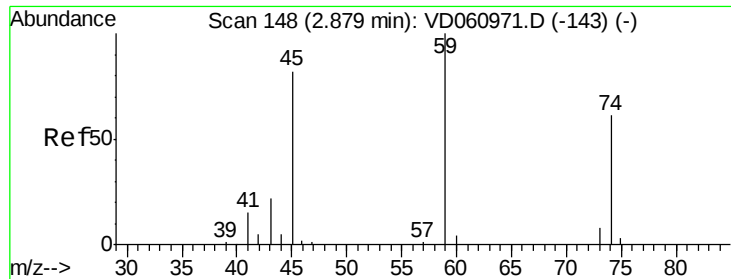


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#8

Diethyl Ether

Concen: 0.619 ug/l

RT: 2.87 min Scan# 147

Delta R.T. -0.01 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

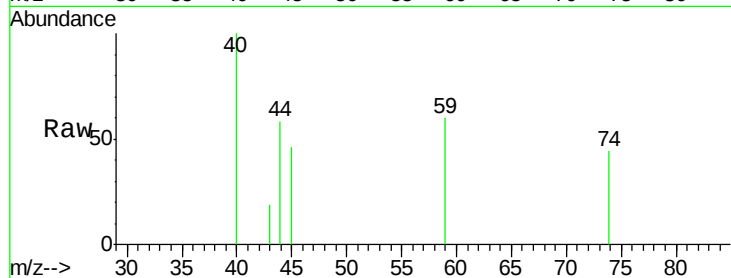
OR-01-030719-B

Tot Ion: 74 Resp: 1626

Ion Ratio Lower Upper

74 100

45 104.1 67.0 201.1



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.87

800

600

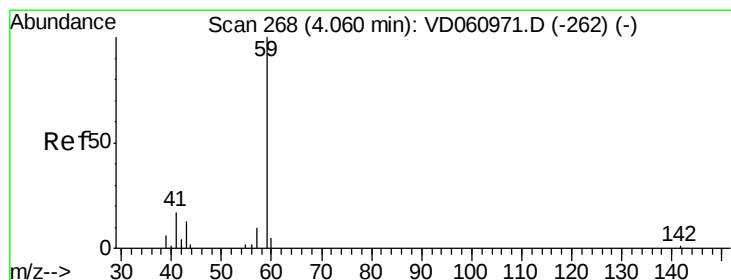
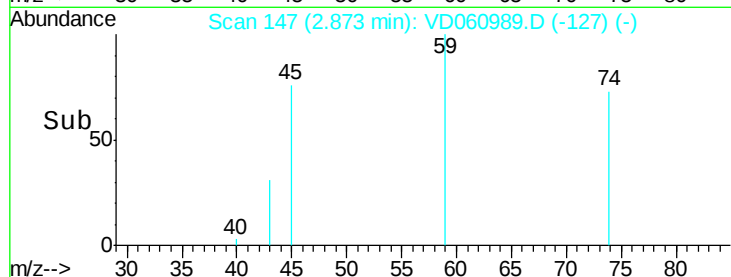
400

200

0

2.85 2.90

Time-->



#11

Tert butyl alcohol

Concen: 39.954 ug/l

RT: 4.00 min Scan# 261

Delta R.T. -0.06 min

Lab File: VD060989.D

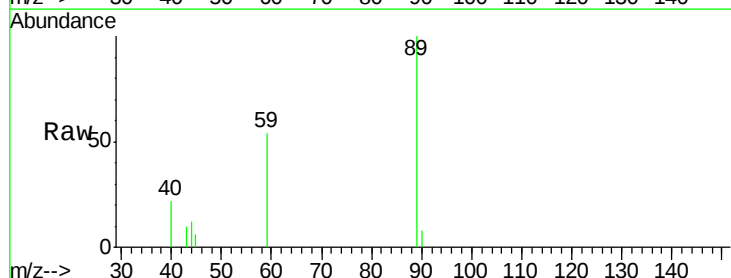
Acq: 8 Mar 2019 17:46

Tgt Ion: 59 Resp: 15385

Ion Ratio Lower Upper

59 100

57 0.0 7.1 10.7#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC

4.00

4000

3000

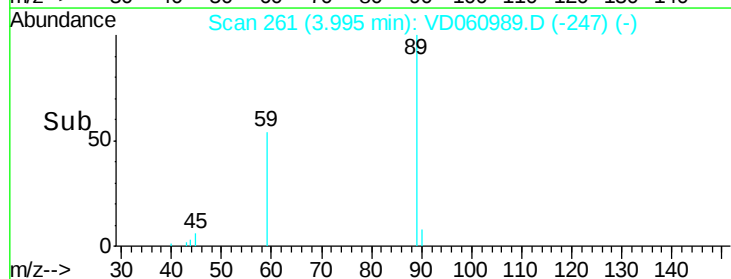
2000

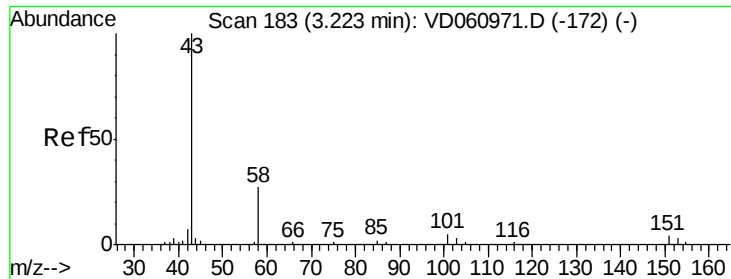
1000

0

3.90 4.00 4.10

Time-->

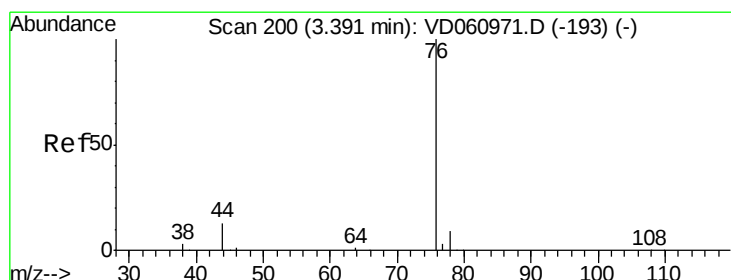
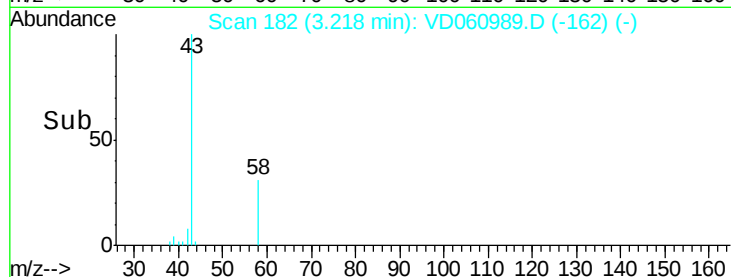
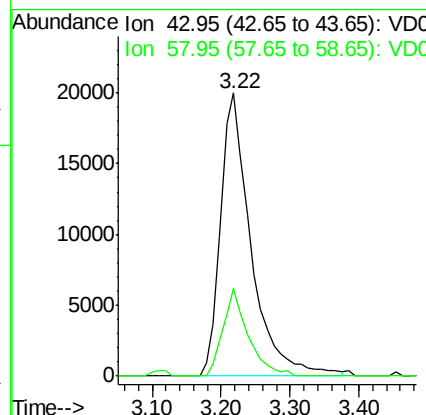
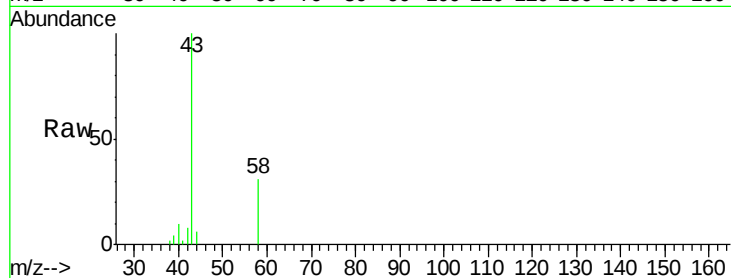




#16
Acetone
Concen: 35.405 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

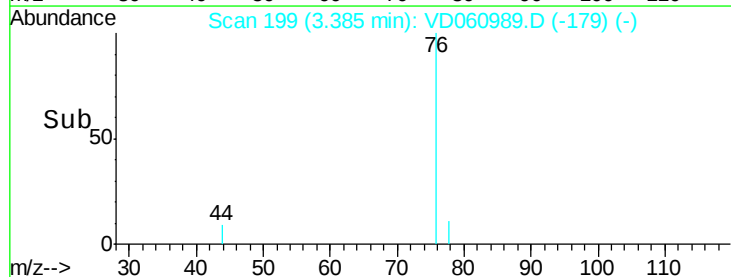
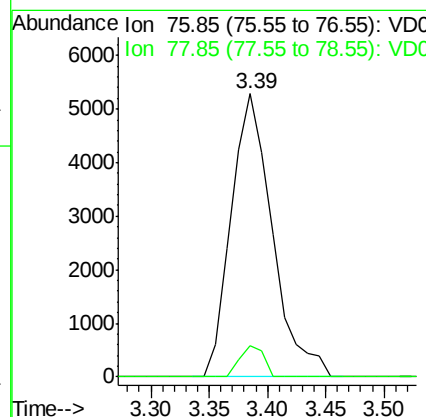
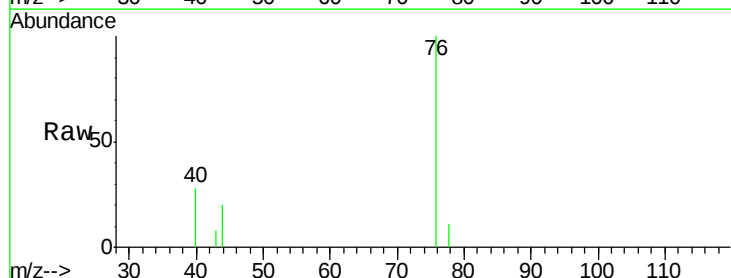
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OR-01-030719-B

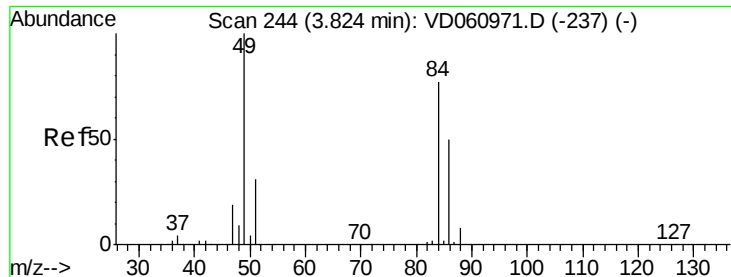
Tot Ion: 43 Resp: 61239
Ion Ratio Lower Upper
43 100
58 31.0 21.6 32.4



#17
Carbon Disulfide
Concen: 0.526 ug/l
RT: 3.39 min Scan# 199
Delta R.T. -0.01 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion: 76 Resp: 12937
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2

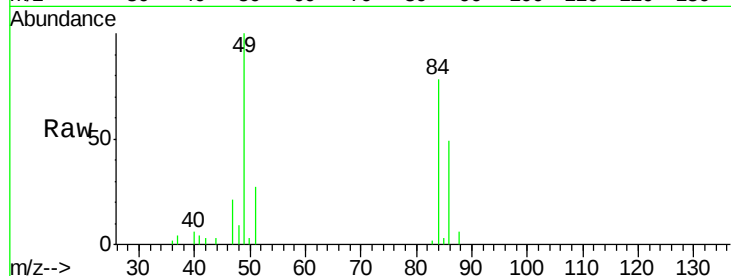




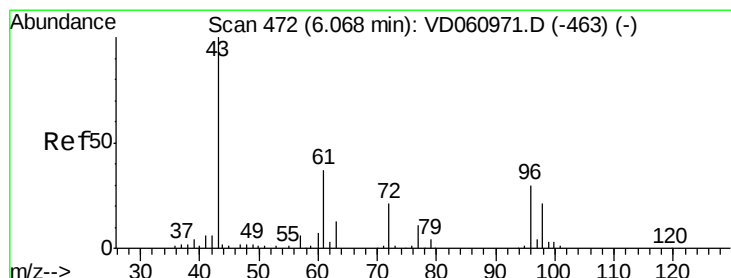
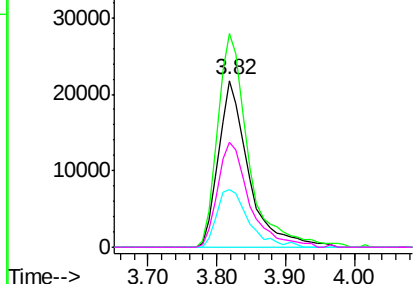
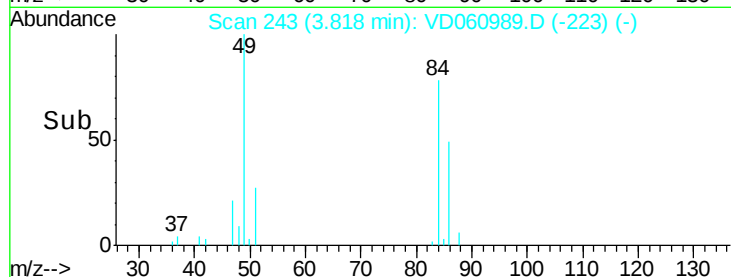
#20
Methylene Chloride
Concen: 4.141 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Tot Ion: 84 Resp: 66391
Ion Ratio Lower Upper
84 100
49 128.3 104.2 156.2
51 34.8 32.3 48.5
86 63.2 52.3 78.5

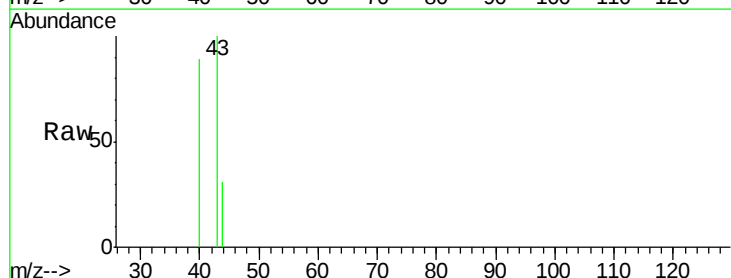


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

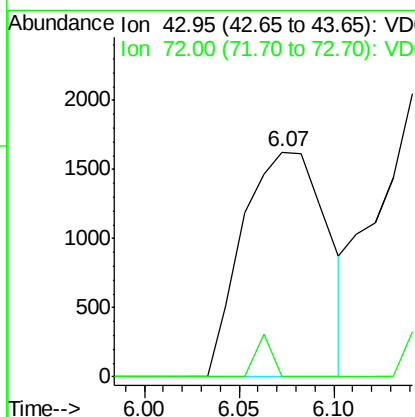
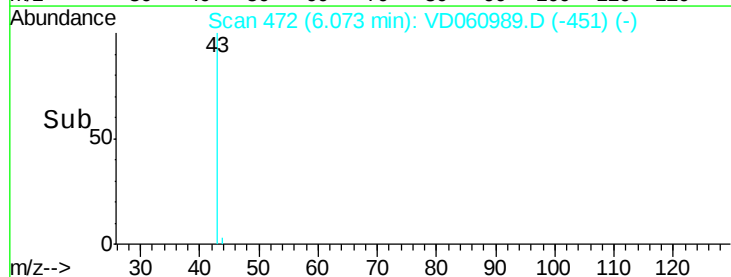


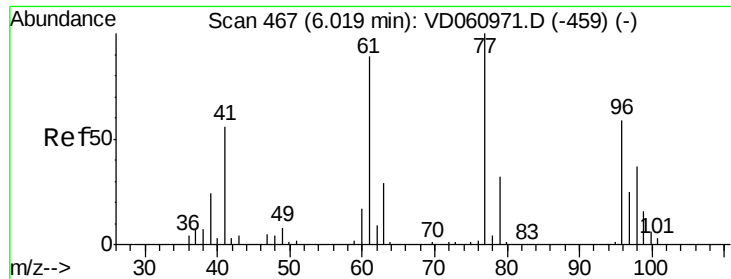
#25
2-Butanone
Concen: 2.571 ug/l
RT: 6.07 min Scan# 472
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion: 43 Resp: 5046
Ion Ratio Lower Upper
43 100
72 0.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#26

2,2-Dichloropropane

Concen: 0.610 ug/l

RT: 6.15 min Scan# 480

Delta R.T. 0.13 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

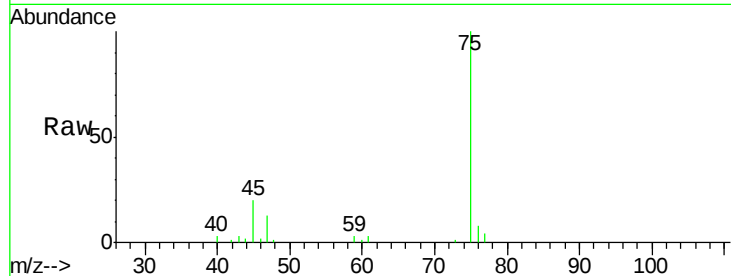
OR-01-030719-B

Tot Ion: 77 Resp: 6320

Ion Ratio Lower Upper

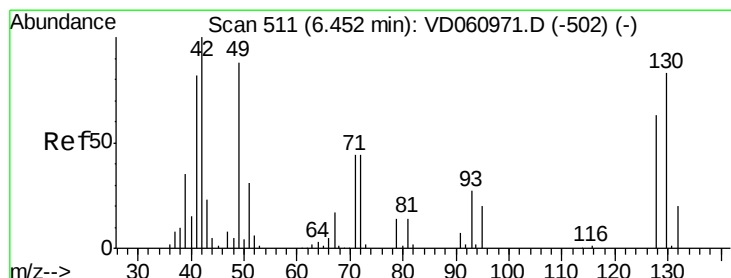
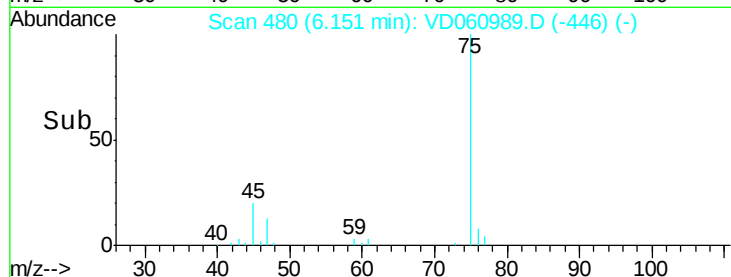
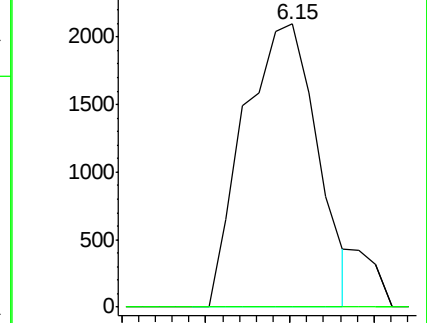
77 100

97 0.0 12.6 37.6#



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



#29

Tetrahydrofuran

Concen: 2.389 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.00 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

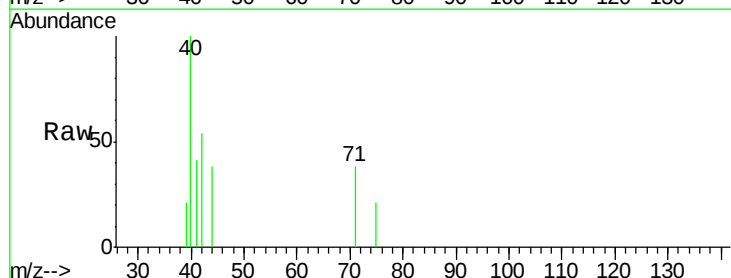
Tgt Ion: 42 Resp: 2546

Ion Ratio Lower Upper

42 100

72 7.9 34.5 51.7#

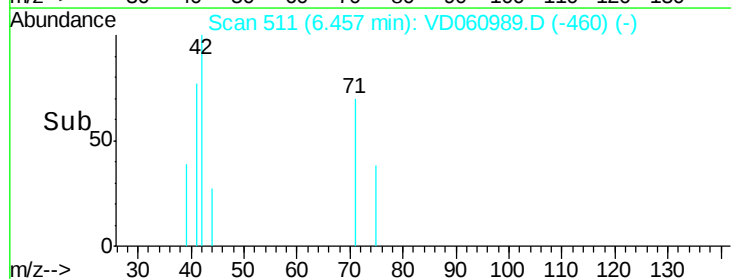
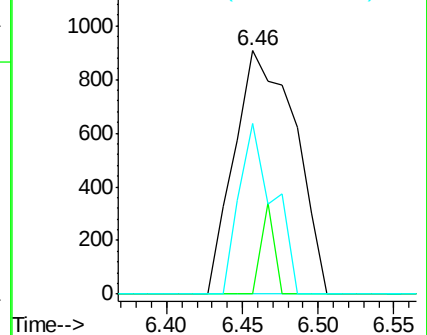
71 39.4 33.8 50.6

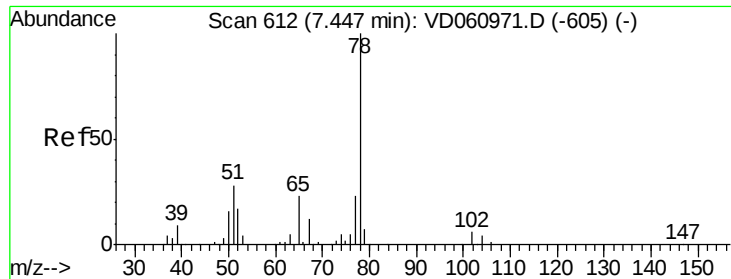


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

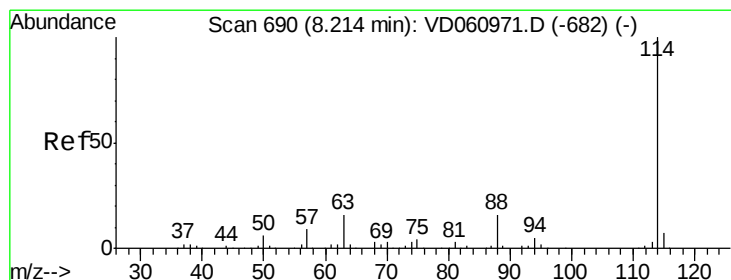
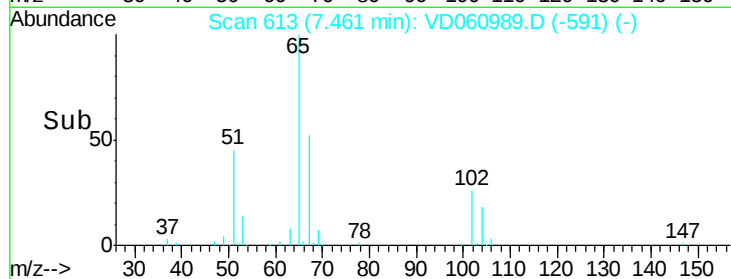
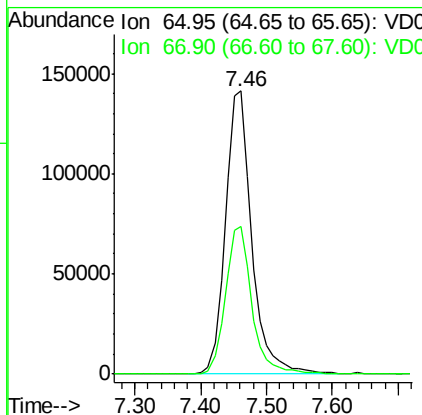
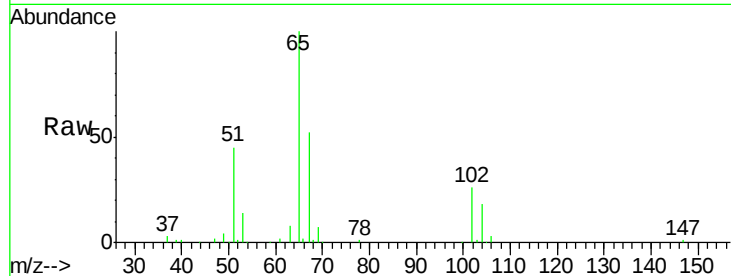




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.01 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

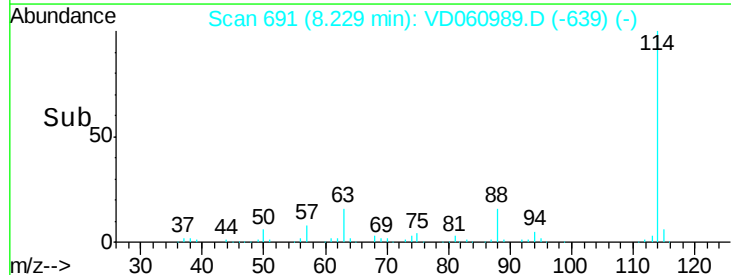
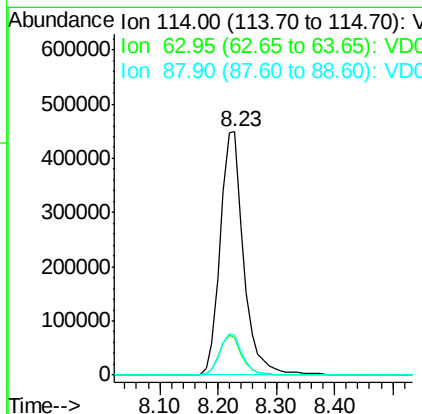
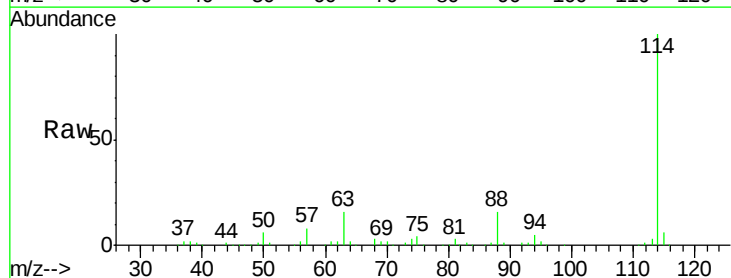
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-B

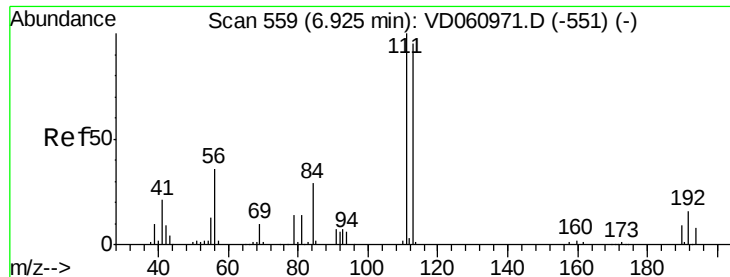
Tot Ion: 65 Resp: 395661
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

Tgt Ion: 114 Resp: 1250821
 Ion Ratio Lower Upper
 114 100
 63 15.6 0.0 31.4
 88 16.2 0.0 33.0

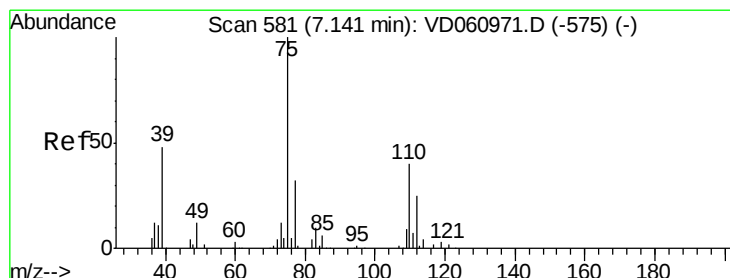
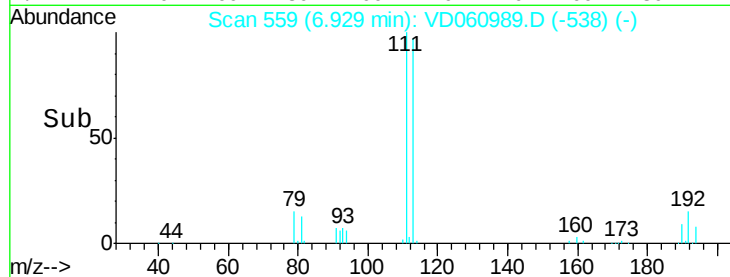
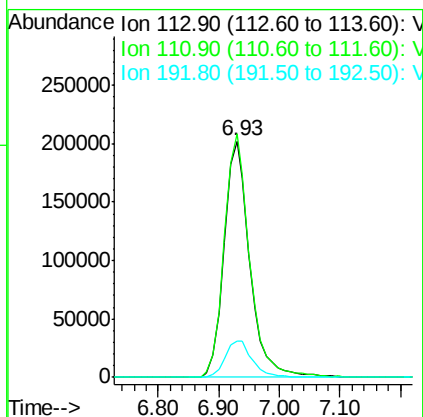
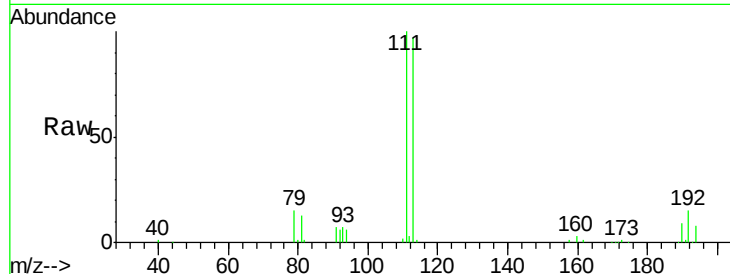




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

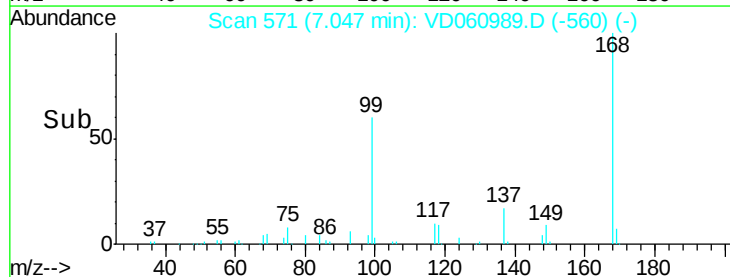
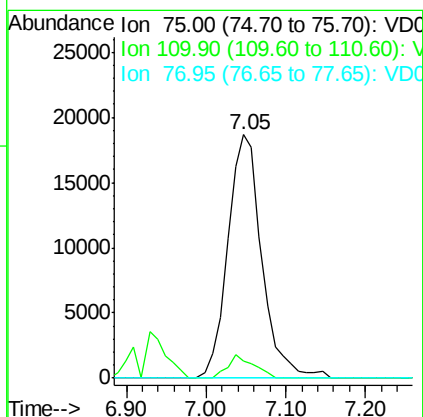
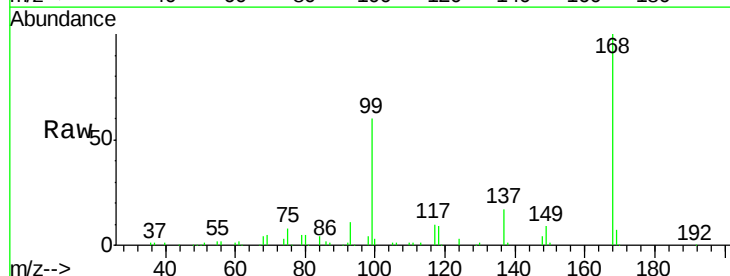
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-B

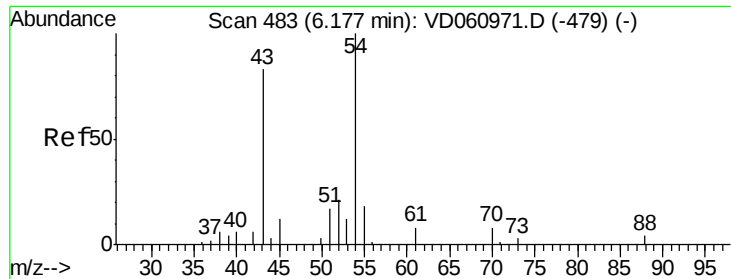
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.2	126.4
192	15.3	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 5.133 ug/l
 RT: 7.05 min Scan# 571
 Delta R.T. -0.09 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.2	19.7	59.1#
77	0.0	24.7	37.1#

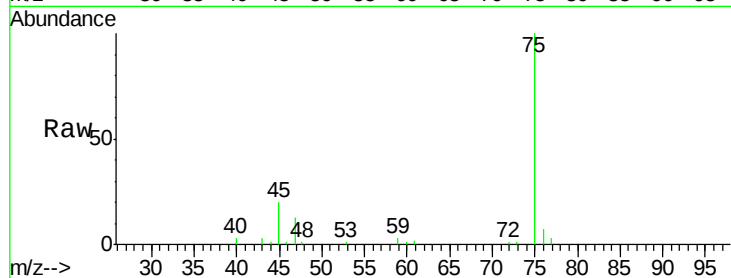




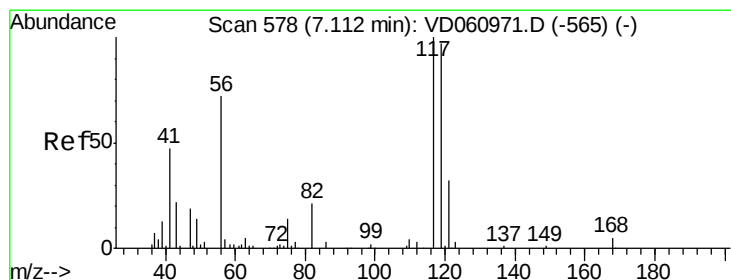
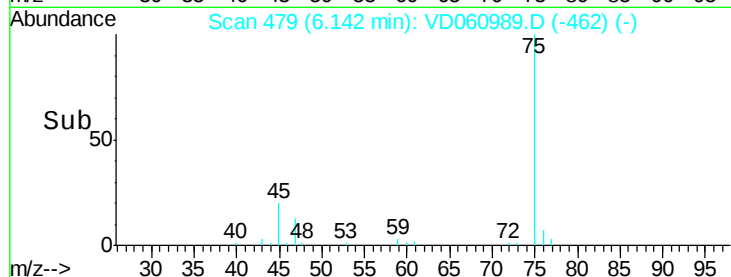
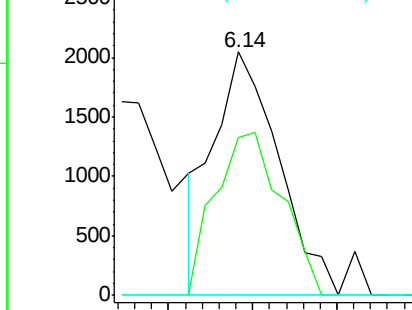
#37
Ethyl Acetate
Concen: 1.088 ug/l
RT: 6.14 min Scan# 479
Delta R.T. -0.04 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleID :
OR-01-030719-B

Tot Ion: 43 Resp: 5505
Ion Ratio Lower Upper
43 100
61 64.9 13.7 20.5#
70 0.0 7.1 10.7#

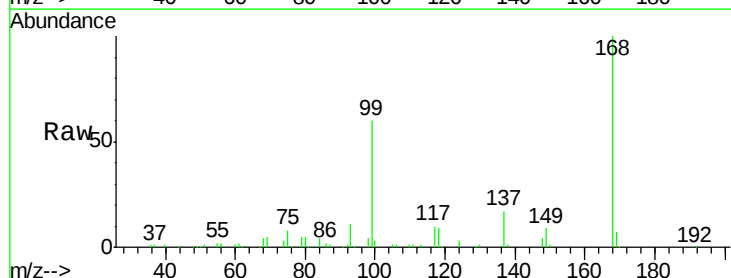


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

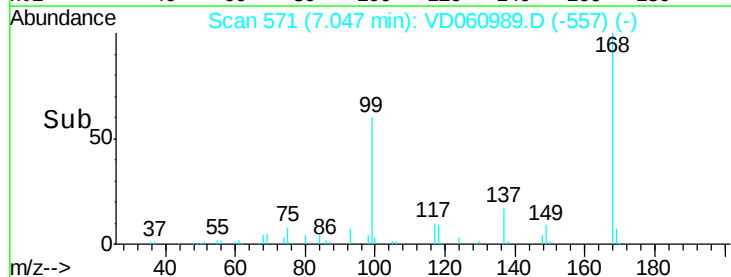
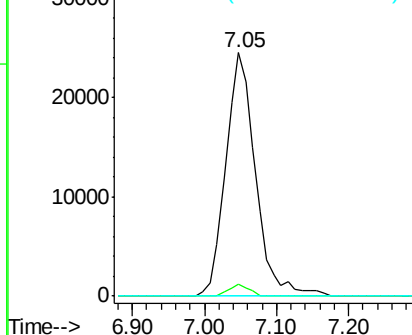


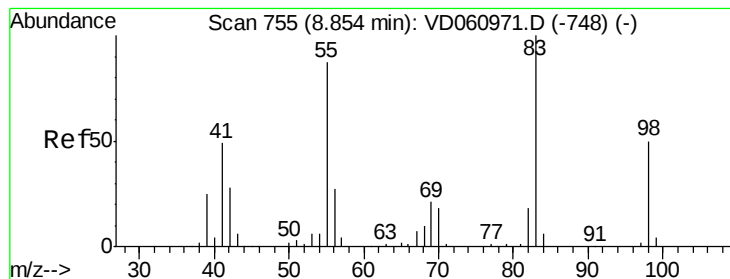
#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.06 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion: 117 Resp: 70273
Ion Ratio Lower Upper
117 100
119 4.6 77.8 116.8#
121 0.0 25.3 37.9#



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

Methvlcvclohexane

Concen: 0.660 ug/l

RT: 8.87 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

OR-01-030719-B

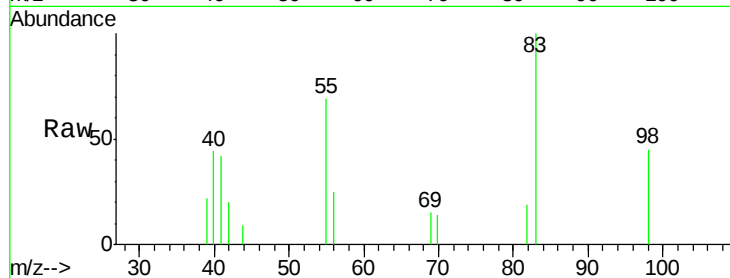
Tot Ion: 83 Resp: 7377

Ion Ratio Lower Upper

83 100

55 69.4 69.6 104.4#

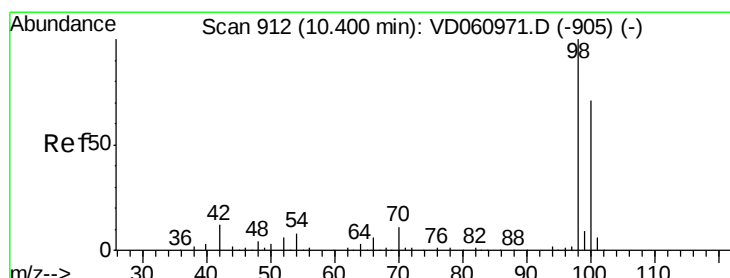
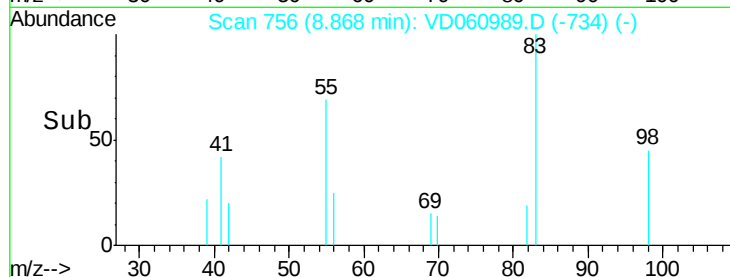
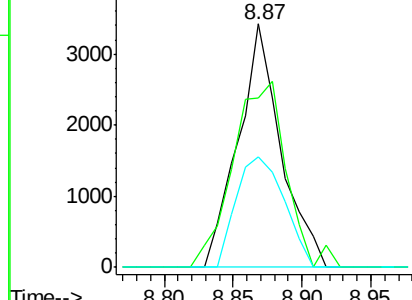
98 45.4 40.0 60.0



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD060989.D

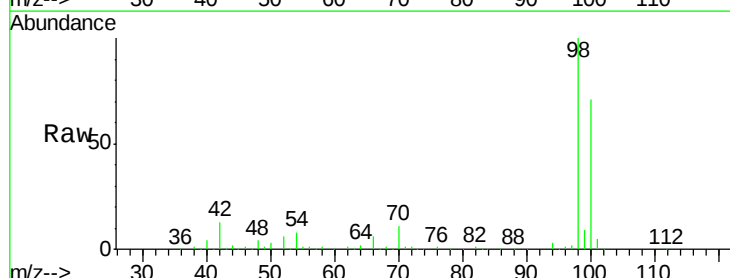
Acq: 8 Mar 2019 17:46

Tgt Ion: 98 Resp: 1348338

Ion Ratio Lower Upper

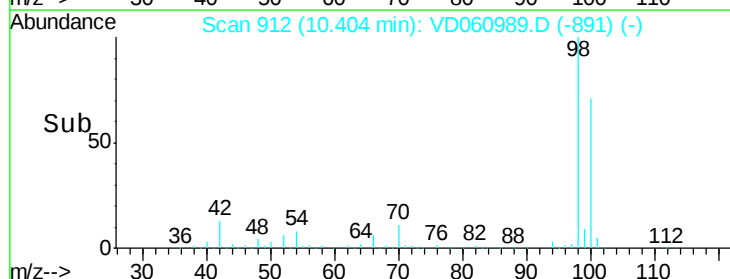
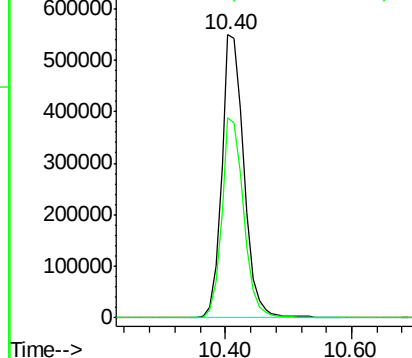
98 100

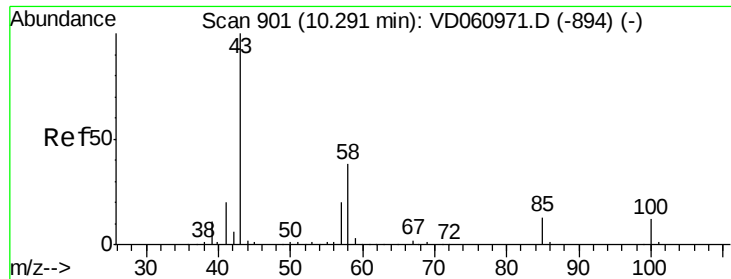
100 70.9 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 0.622 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

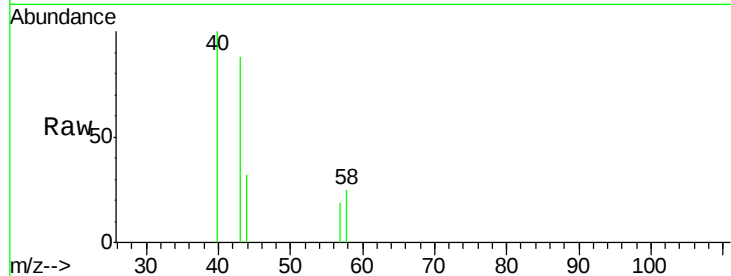
OR-01-030719-B

Tot Ion: 43 Resp: 2672

Ion Ratio Lower Upper

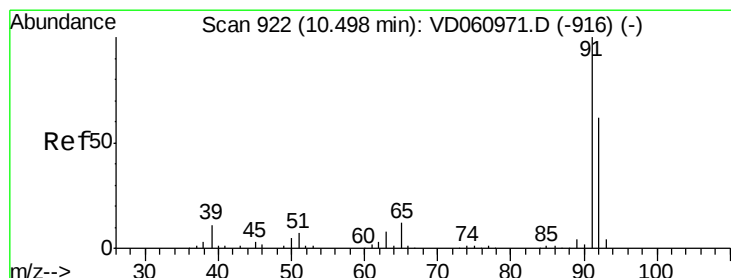
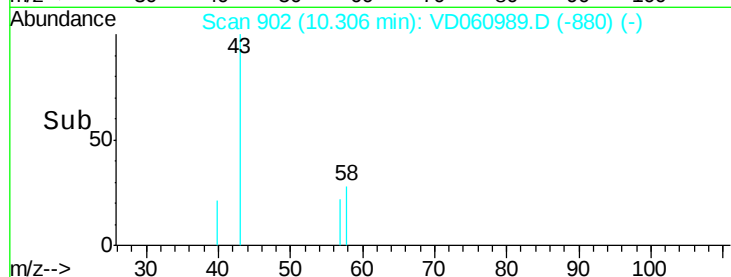
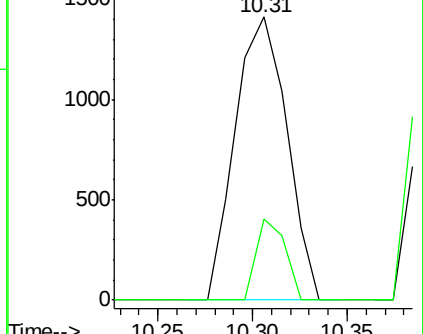
43 100

58 28.5 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 4.444 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD060989.D

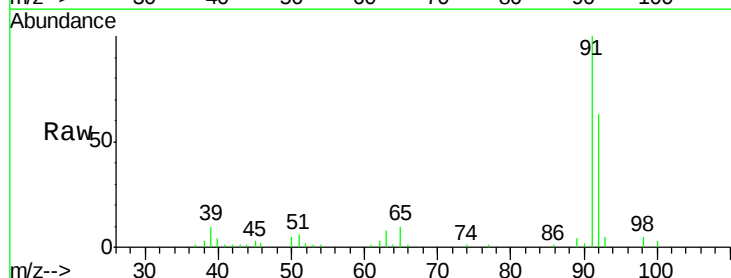
Acq: 8 Mar 2019 17:46

Tgt Ion: 92 Resp: 74445

Ion Ratio Lower Upper

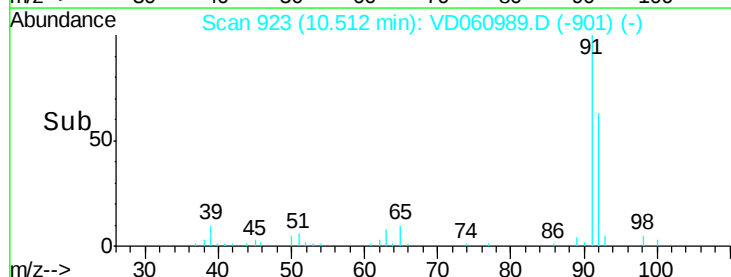
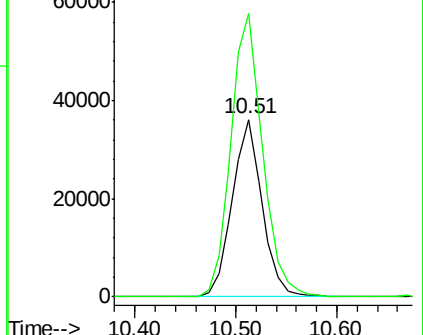
92 100

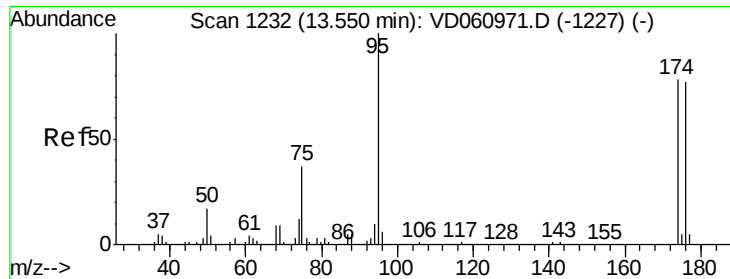
91 159.6 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

OR-01-030719-B

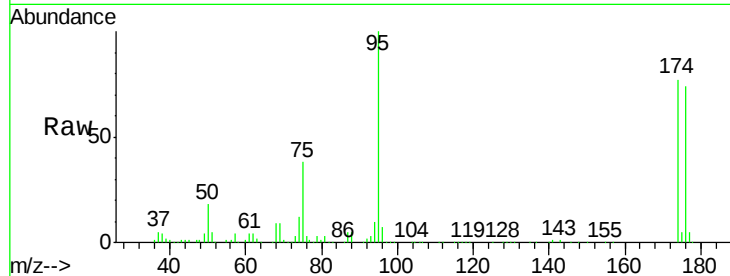
Tot Ion: 95 Resp: 524556

Ion Ratio Lower Upper

95 100

174 77.5 0.0 155.6

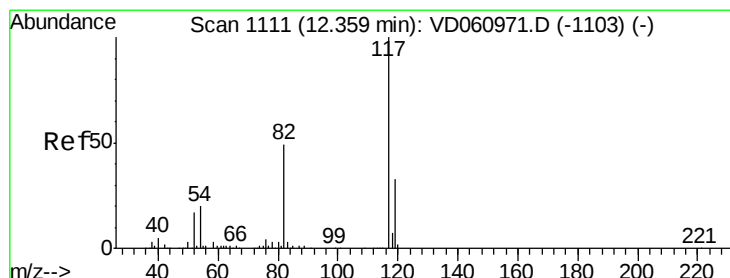
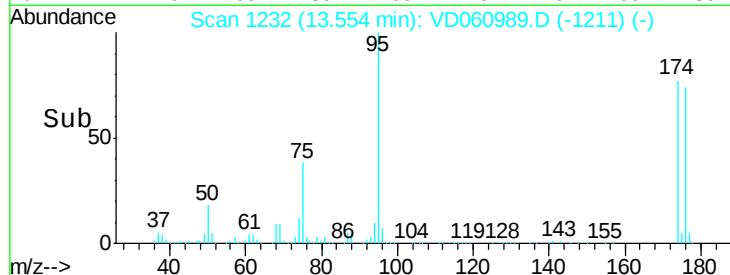
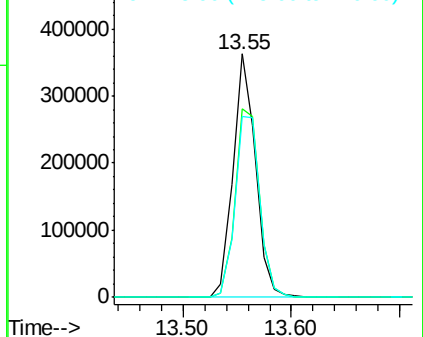
176 74.1 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

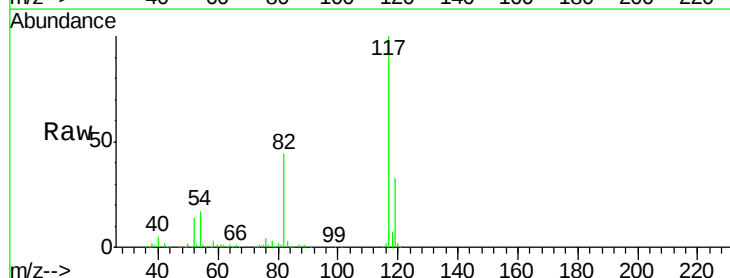
Tgt Ion: 117 Resp: 1174796

Ion Ratio Lower Upper

117 100

82 43.9 38.9 58.3

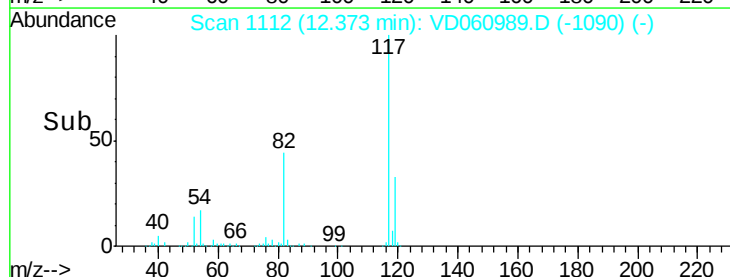
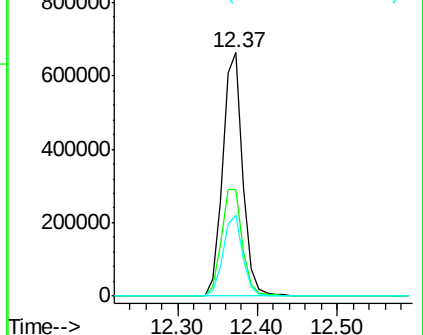
119 33.2 26.6 39.8

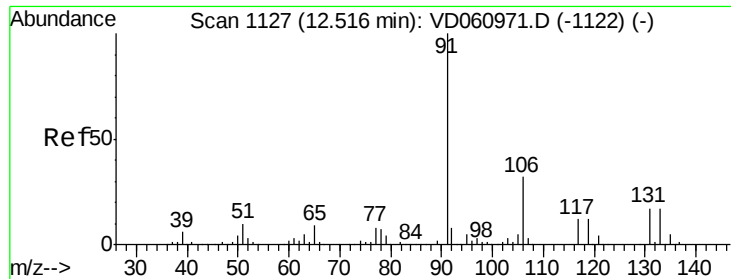


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

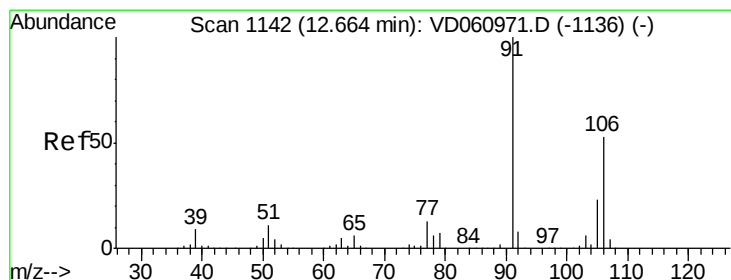
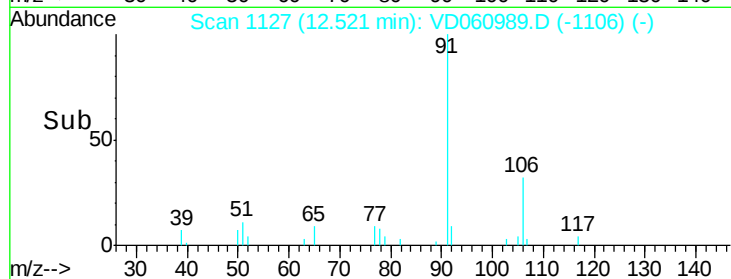
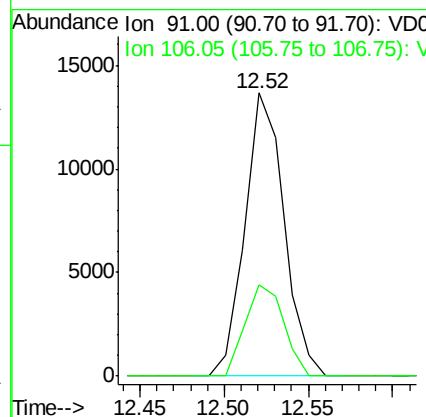
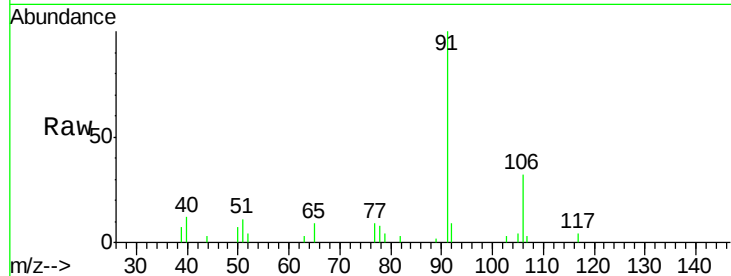




#67
Ethyl Benzene
Concen: 0.641 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

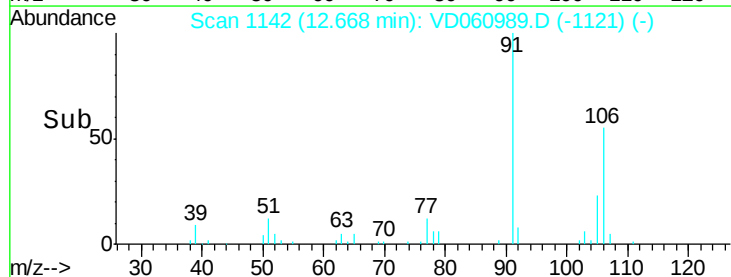
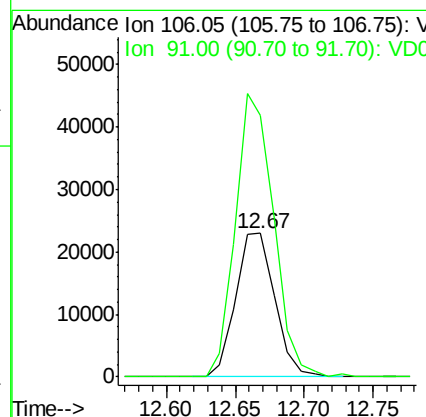
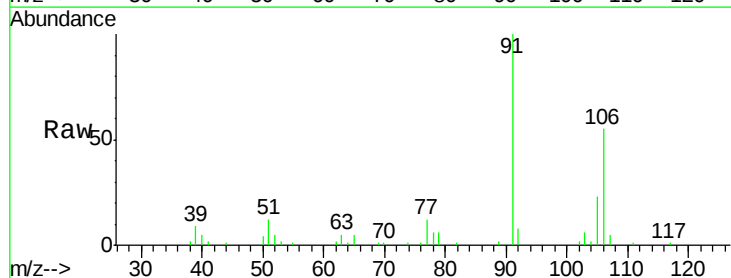
Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

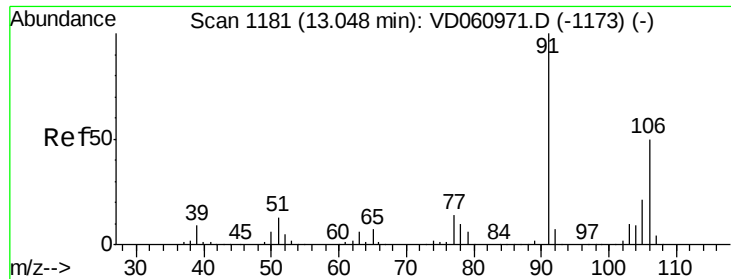
Tot Ion: 91 Resp: 21978
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 3.385 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion: 106 Resp: 45559
Ion Ratio Lower Upper
106 100
91 182.3 152.0 228.0

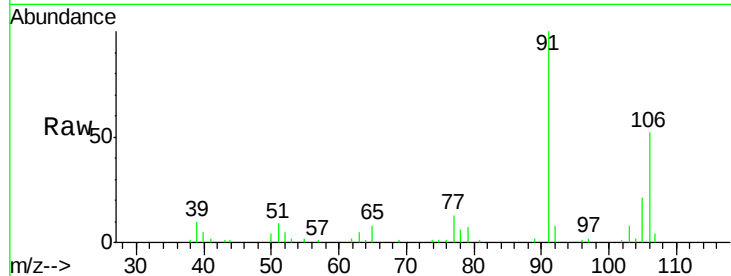




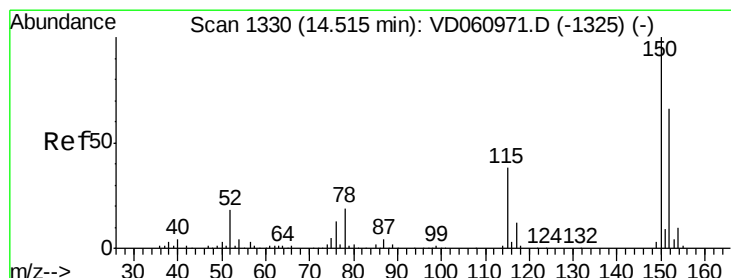
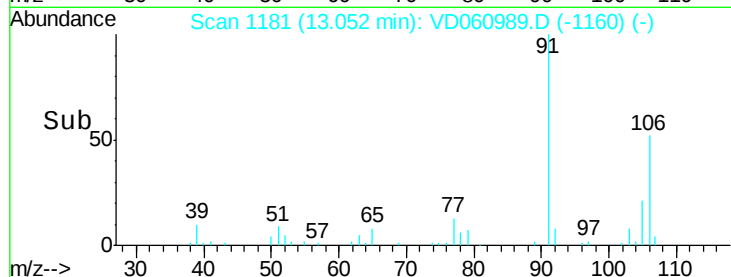
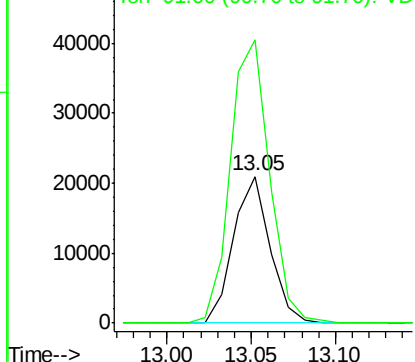
#69
o-Xylene
Concen: 2.387 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleID :
OR-01-030719-B

Tot Ion:106 Resp: 31573
Ion Ratio Lower Upper
106 100
91 192.9 99.8 299.3

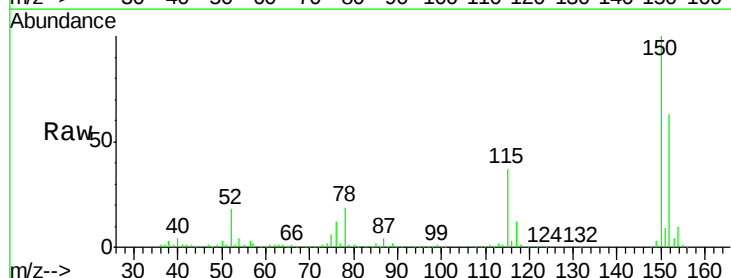


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

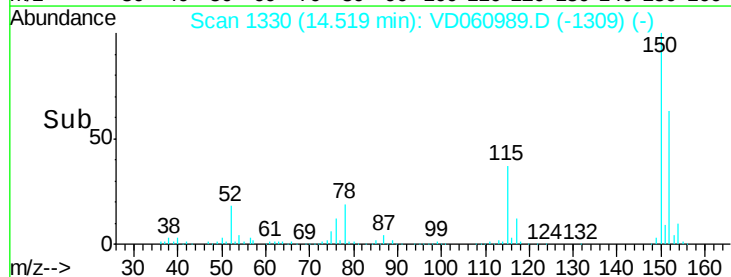
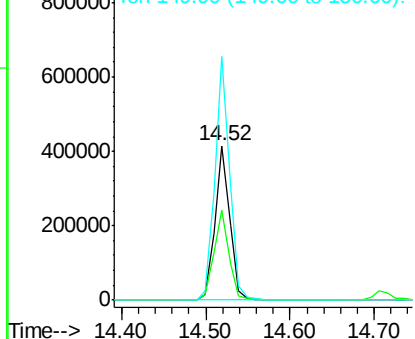


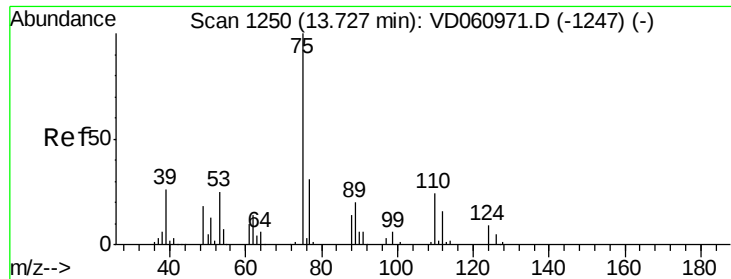
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion:152 Resp: 503991
Ion Ratio Lower Upper
152 100
115 58.4 28.6 85.9
150 157.8 0.0 310.6



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

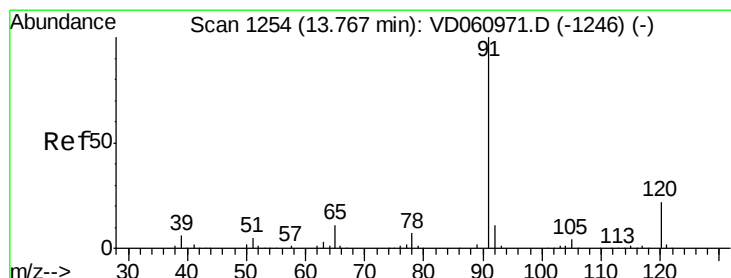
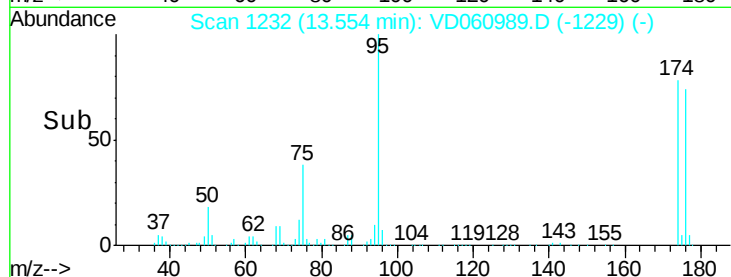
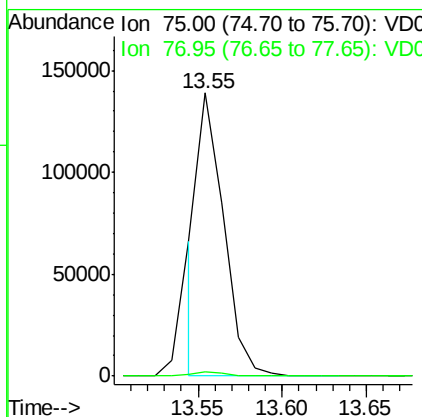
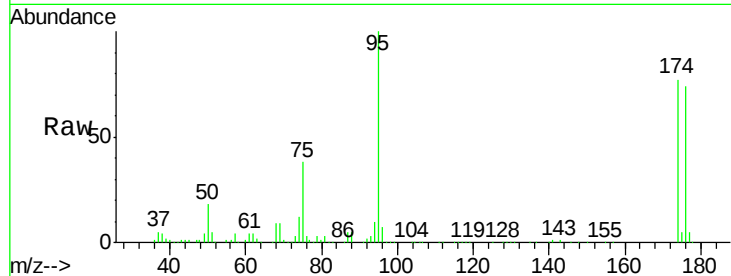




#76
 1,2,3-Trichloropropane
 Concen: 20.300 ug/l
 RT: 13.55 min Scan# 1232
 Delta R.T. -0.17 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

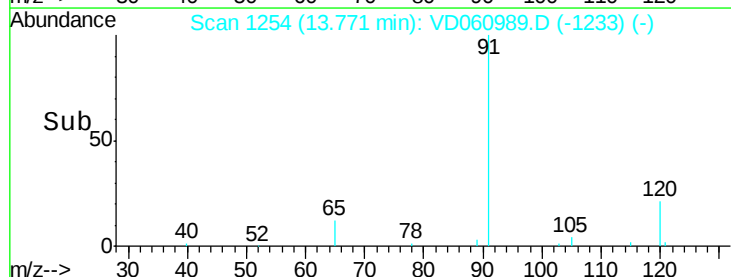
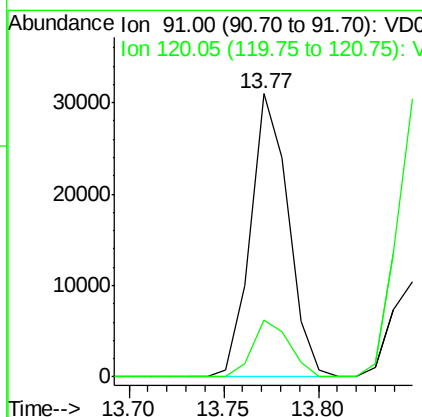
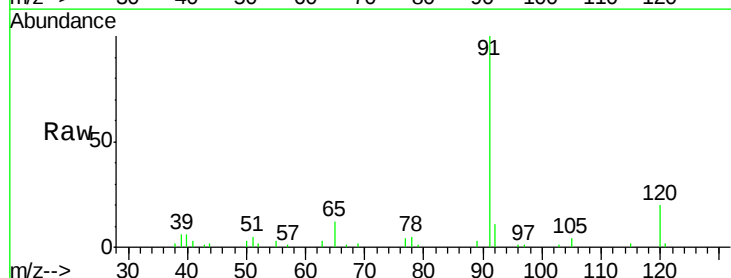
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-B

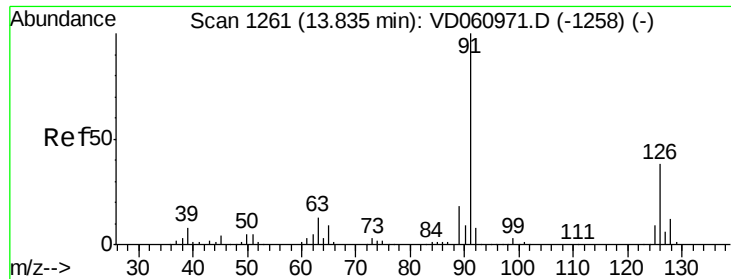
Tot Ion: 75 Resp: 147192
 Ion Ratio Lower Upper
 75 100
 77 1.5 16.6 49.7#



#78
 n-propylbenzene
 Concen: 1.009 ug/l
 RT: 13.77 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

Tgt Ion: 91 Resp: 42906
 Ion Ratio Lower Upper
 91 100
 120 20.0 10.8 32.3

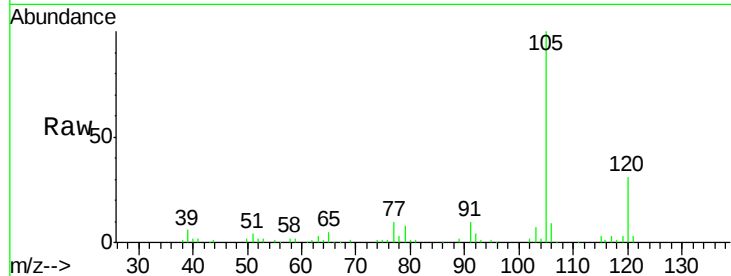




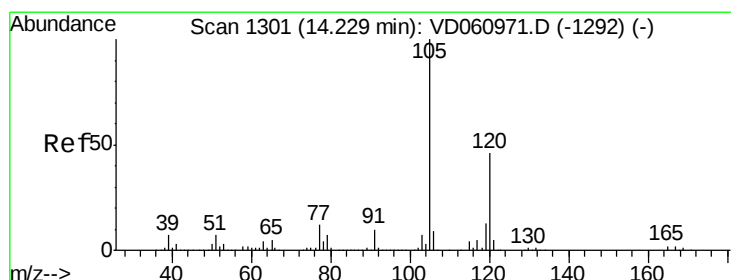
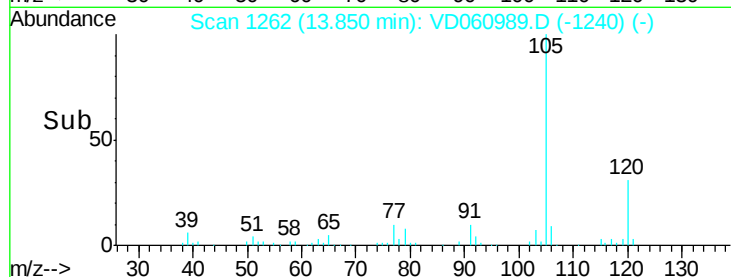
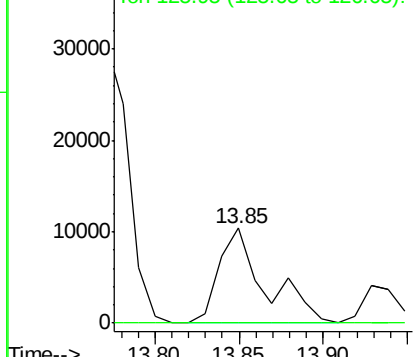
#79
2-Chlorotoluene
Concen: 0.843 ug/l
RT: 13.85 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Tot Ion: 91 Resp: 19744
Ion Ratio Lower Upper
91 100
126 0.0 18.6 55.6#

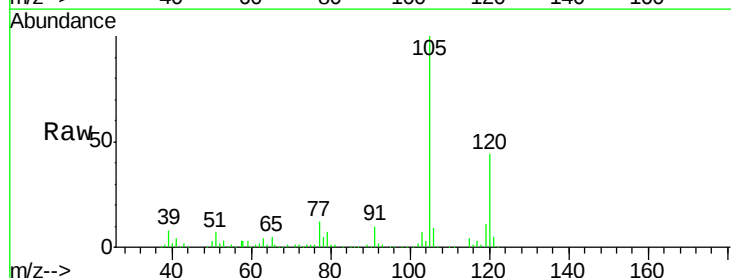


Abundance Ion 91.00 (90.70 to 91.70): V
Ion 125.95 (125.65 to 126.65): V

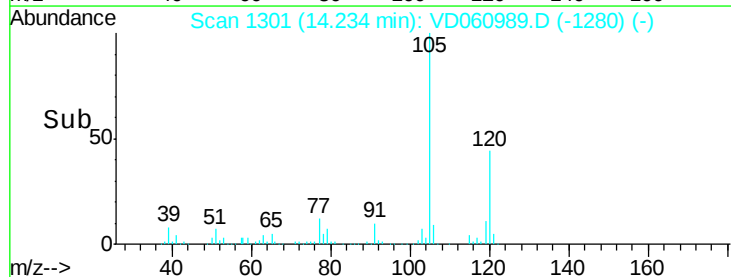
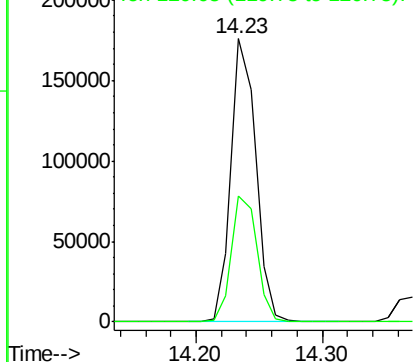


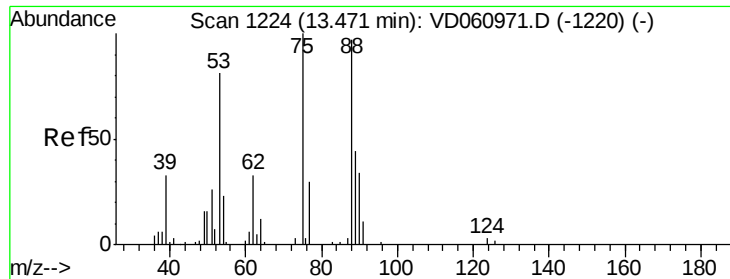
#80
1,3,5-Trimethylbenzene
Concen: 8.686 ug/l
RT: 14.23 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion:105 Resp: 239512
Ion Ratio Lower Upper
105 100
120 44.3 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 89.319 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

OR-01-030719-B

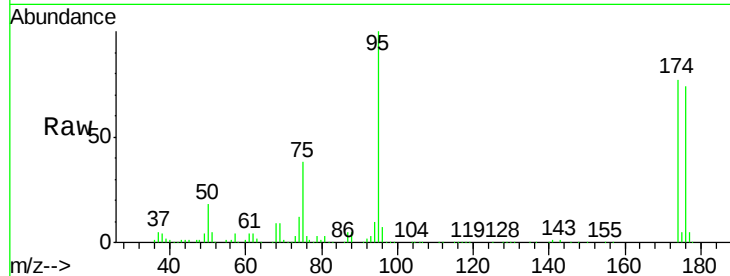
Tot Ion: 75 Resp: 190937

Ion Ratio Lower Upper

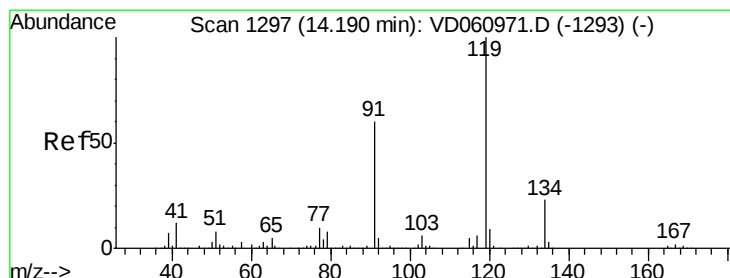
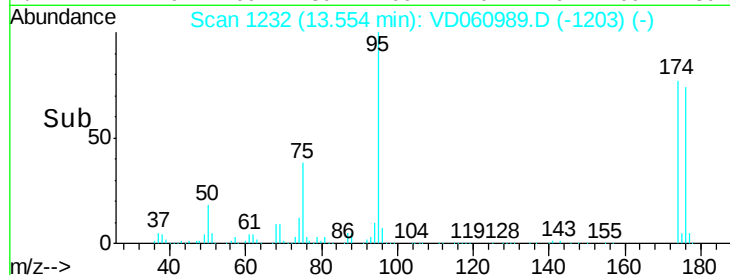
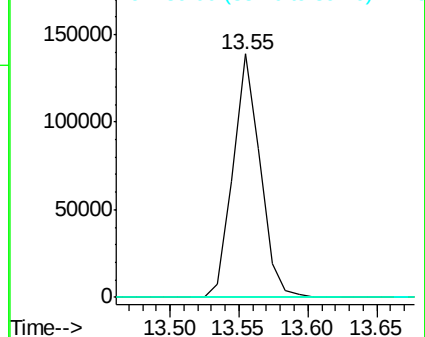
75 100

53 0.0 64.4 96.6#

89 0.0 34.8 52.2#



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



#83

tert-Butylbenzene

Concen: 0.904 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. 0.04 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

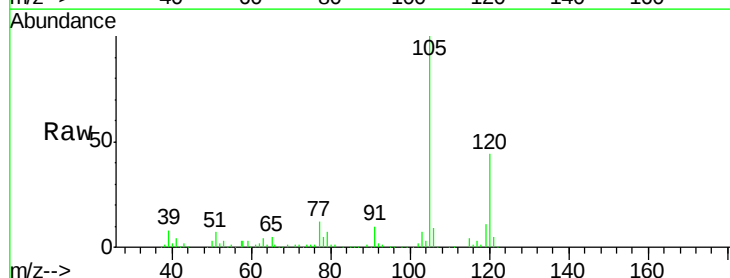
Tgt Ion: 119 Resp: 27265

Ion Ratio Lower Upper

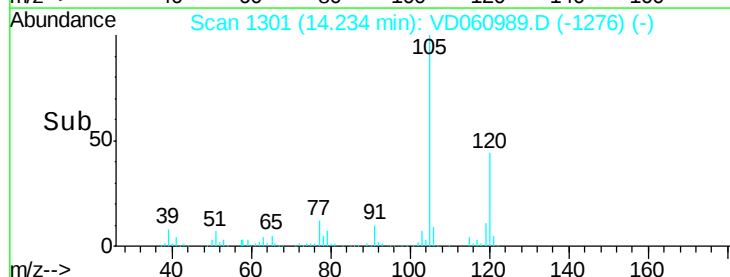
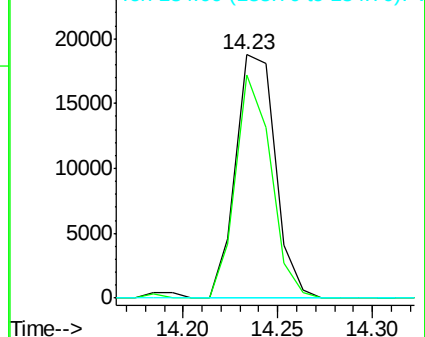
119 100

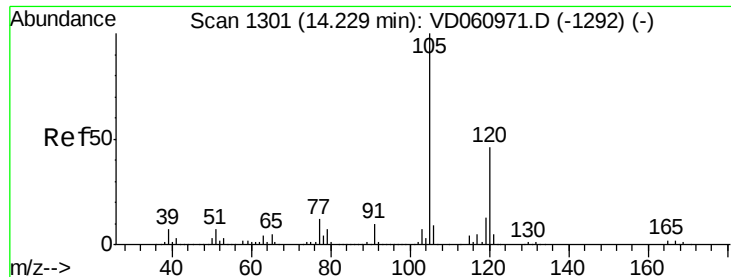
91 91.9 30.1 90.3#

134 0.0 11.6 34.7#



Abundance Ion 119.05 (118.75 to 119.75): VDC
Ion 91.00 (90.70 to 91.70): VDC
Ion 134.00 (133.70 to 134.70): VDC

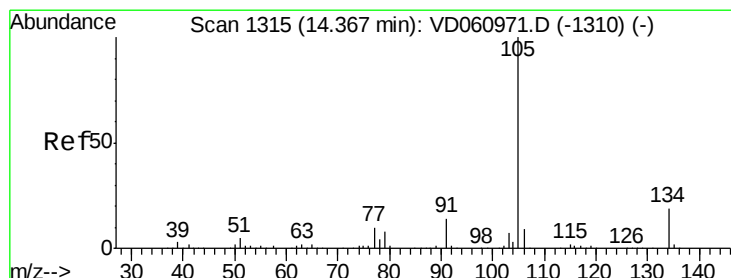
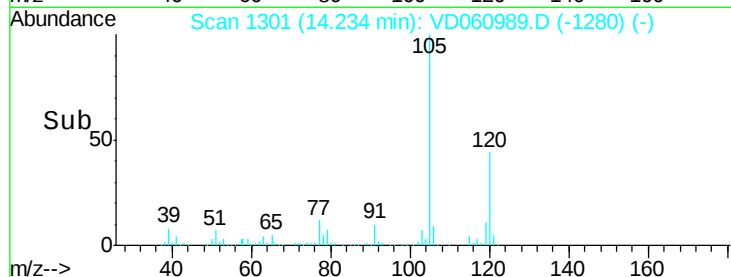
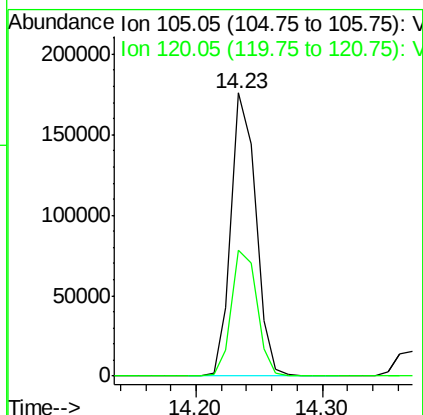
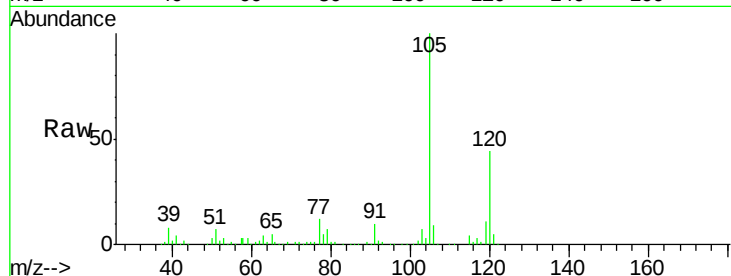




#84
 1,2,4-Trimethylbenzene
 Concen: 8.686 ug/l
 RT: 14.23 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

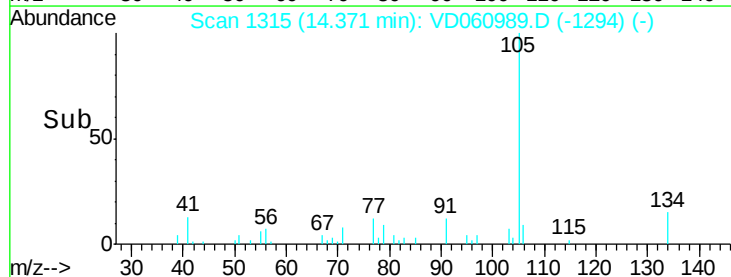
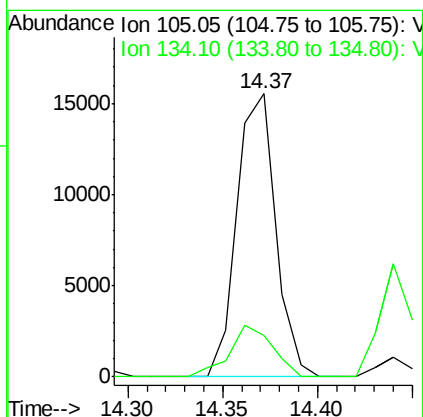
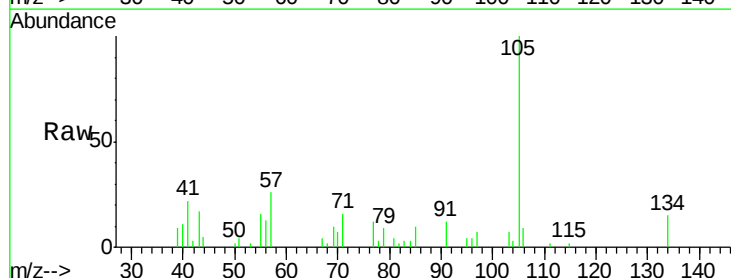
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-01-030719-B

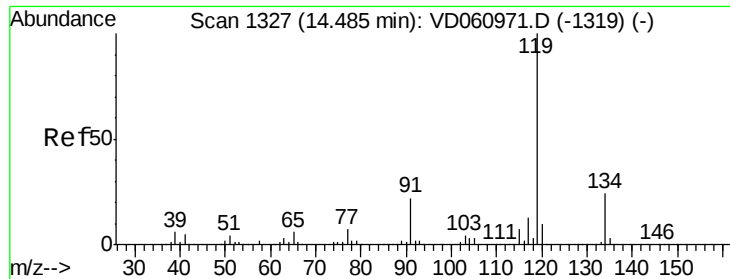
Tot Ion:105 Resp: 239512
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.9 68.5



#85
 sec-Butylbenzene
 Concen: 0.596 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD060989.D
 Acq: 8 Mar 2019 17:46

Tgt Ion:105 Resp: 21971
 Ion Ratio Lower Upper
 105 100
 134 14.7 9.4 28.2

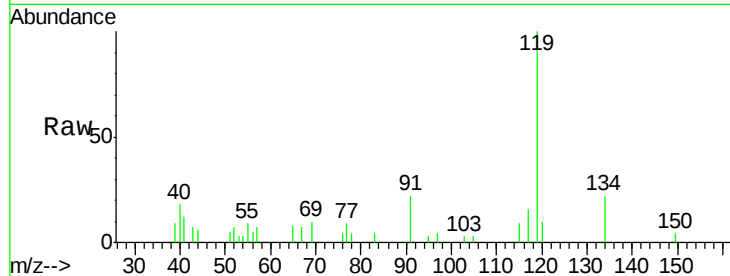




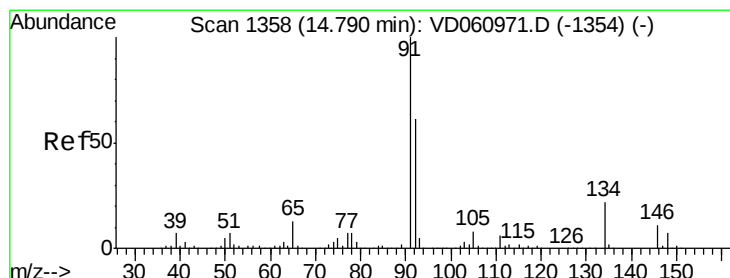
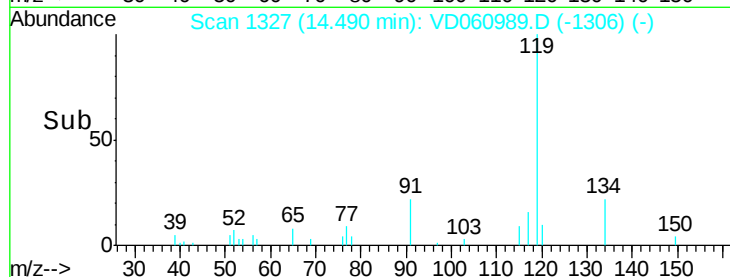
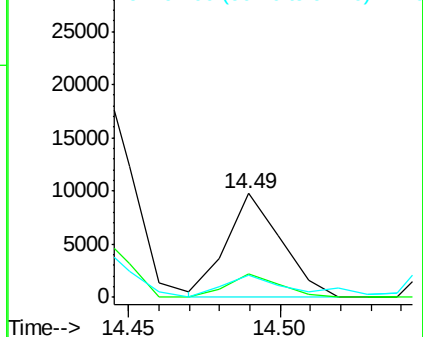
#86
p-Isopropyltoluene
Concen: 0.407 ug/l
RT: 14.49 min Scan# 1327
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Instrument :
MSVOA_D
ClientSampleId :
OR-01-030719-B

Tot Ion:119 Resp: 12267
Ion Ratio Lower Upper
119 100
134 22.1 12.0 36.1
91 21.6 11.2 33.6

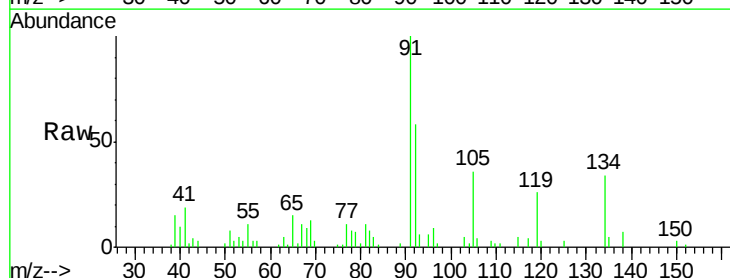


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V

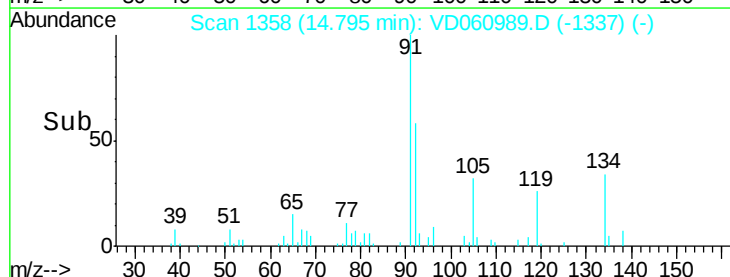
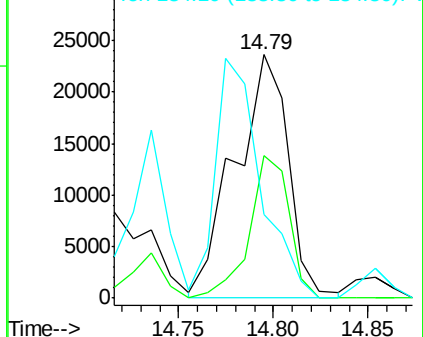


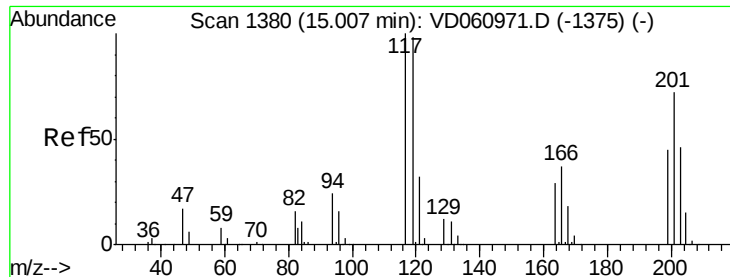
#89
n-Butylbenzene
Concen: 1.594 ug/l
RT: 14.79 min Scan# 1358
Delta R.T. 0.00 min
Lab File: VD060989.D
Acq: 8 Mar 2019 17:46

Tgt Ion: 91 Resp: 46099
Ion Ratio Lower Upper
91 100
92 58.3 30.6 91.8
134 34.2 11.0 33.0#



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





#90

Hexachloroethane

Concen: 1.005 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

Instrument :

MSVOA_D

ClientSampleId :

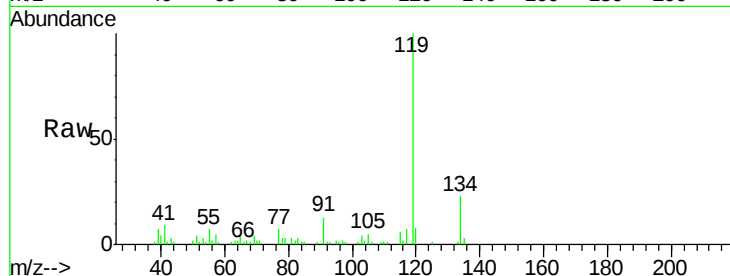
OR-01-030719-B

Tot Ion:117 Resp: 8548

Ion Ratio Lower Upper

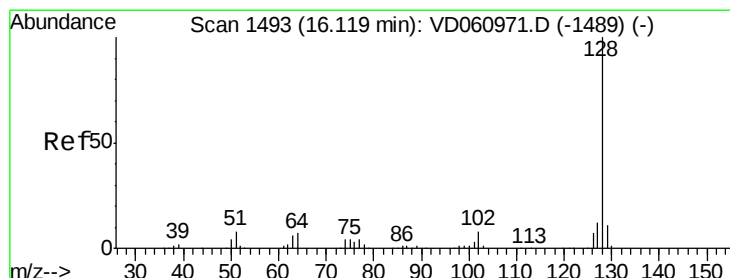
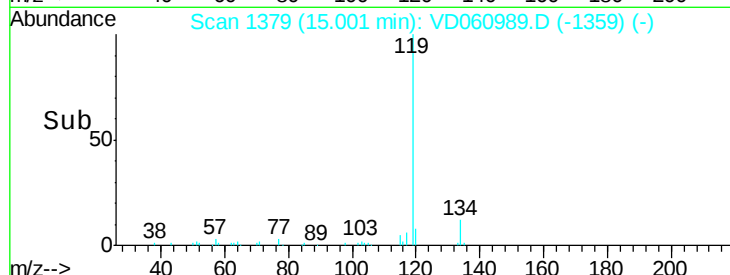
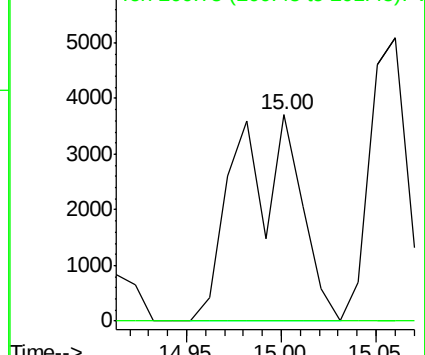
117 100

201 0.0 36.2 108.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V



#95

Naphthalene

Concen: 3.872 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD060989.D

Acq: 8 Mar 2019 17:46

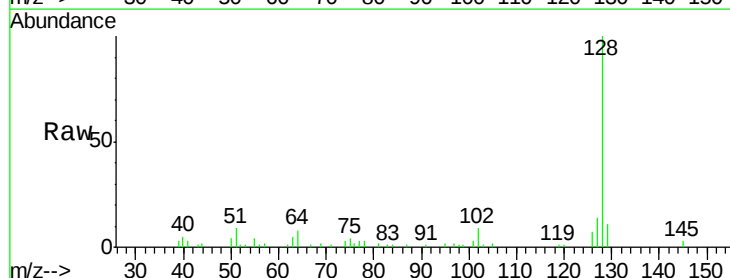
Tgt Ion:128 Resp: 37674

Ion Ratio Lower Upper

128 100

127 13.9 9.8 14.8

129 11.1 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

