

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
 Data File : VD061181.D
 Acq On : 19 Mar 2019 13:27
 Operator : VA/AP
 Sample : K1970-03
 Misc : 6.64g/5ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

Quant Time: Mar 19 13:55:17 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	7.03	168	664042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1108283	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.38	117	277478	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	67325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	292975	53.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.00%	
35) Dibromofluoromethane	6.91	113	430667	52.36	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.72%	
50) Toluene-d8	10.42	98	1179943	57.13	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.26%	
62) 4-Bromofluorobenzene	13.51	95	558241	69.66	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	139.32%	

Target Compounds					Qvalue
5) Bromomethane	2.13	94	183	Below Cal	# 8
10) Methyl Iodide	3.31	142	206	2.951 ug/l	# 39
11) Tert butyl alcohol	3.98	59	35477	100.820 ug/l	# 97
13) Acrolein	3.17	56	11196	21.990 ug/l	# 61
15) Acrylonitrile	4.23	53	19936	16.030 ug/l	# 29
16) Acetone	3.21	43	107383	67.938 ug/l	# 89
20) Methylene Chloride	3.81	84	31788	Below Cal	# 80
25) 2-Butanone	6.01	43	23187	12.928 ug/l	# 55
26) 2,2-Dichloropropane	6.14	77	16349	1.726 ug/l	# 50
29) Tetrahydrofuran	6.66	42	9879	10.144 ug/l	# 1
30) Chloroform	6.61	83	15328	1.219 ug/l	# 79
31) Cyclohexane	6.95	56	1978132	202.244 ug/l	# 93
36) 1,1-Dichloropropene	7.03	75	49681	5.200 ug/l	# 48
37) Ethyl Acetate	6.14	43	17380	3.877 ug/l	# 5
38) Carbon Tetrachloride	7.03	117	62861	5.974 ug/l	# 17
39) Methylcyclohexane	8.88	83	5990474	604.734 ug/l	# 93
40) Benzene	7.45	78	171250	7.174 ug/l	# 98
41) Methacrylonitrile	6.45	41	7081	1.373 ug/l	# 49
43) Isopropyl Acetate	9.28	43	823289	132.594 ug/l	# 43
45) 1,2-Dichloropropane	8.87	63	70989	11.319 ug/l	# 1
47) Bromodichloromethane	9.40	83	26083	2.906 ug/l	# 37
48) Methyl methacrylate	9.16	41	783410	224.091 ug/l	# 63
51) 4-Methyl-2-Pentanone	10.15	43	7152948	1880.440 ug/l	# 42
55) 1,1,2-Trichloroethane	11.11	97	3343411	676.345 ug/l	# 19
56) Ethyl methacrylate	11.11	69	815401	157.587 ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.79	63	5716	2.087 ug/l	# 46
59) 2-Hexanone	11.52	43	6047255	2173.310 ug/l	# 30
60) Dibromochloromethane	11.67	129	11933	1.640 ug/l	# 96
65) Chlorobenzene	12.35	112	41757	7.676 ug/l	# 54
67) Ethyl Benzene	12.54	91	2028812	250.519 ug/l	# 98
68) m/p-Xylenes	12.54	106	603625	189.904 ug/l	# 9
69) o-Xylene	13.06	106	13716	4.390 ug/l	# 1
73) Isopropylbenzene	13.42	105	3726398	768.019 ug/l	# 98
74) N-amyl acetate	13.26	43	2718744	1990.000 ug/l	# 57

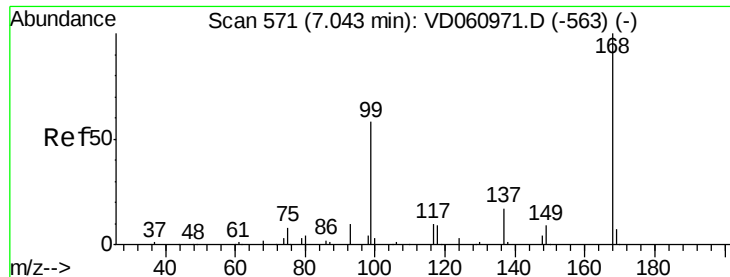
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
 Data File : VD061181.D
 Acq On : 19 Mar 2019 13:27
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,1,2,2-Tetrachloroethane	13.75	83	859888	908.349	ug/l #	48
76) 1,2,3-Trichloropropane	13.80	75	52814	54.527	ug/l #	1
77) Bromobenzene	13.75	156	1655	1.336	ug/l #	1
78) n-propylbenzene	13.80	91	7233054	1273.385	ug/l	87
79) 2-Chlorotoluene	13.80	91	7233054	2312.967	ug/l #	38
80) 1,3,5-Trimethylbenzene	14.09	105	273240	74.181	ug/l	78
81) trans-1,4-Dichloro-2-buten	13.42	75	47897	167.730	ug/l #	1
82) 4-Chlorotoluene	13.80	91	6742199	1823.733	ug/l #	39
83) tert-Butylbenzene	14.19	119	200730	49.795	ug/l	82
84) 1,2,4-Trimethylbenzene	14.09	105	273240	74.181	ug/l	78
85) sec-Butylbenzene	14.38	105	3092103	628.324	ug/l	100
86) p-Isopropyltoluene	14.63	119	319316	79.381	ug/l	93
89) n-Butylbenzene	14.79	91	971382	251.461	ug/l	97
90) Hexachloroethane	15.09	117	401336	353.331	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	15.42	75	241	2.113	ug/l #	1
95) Naphthalene	16.12	128	1408	1.083	ug/l #	70

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

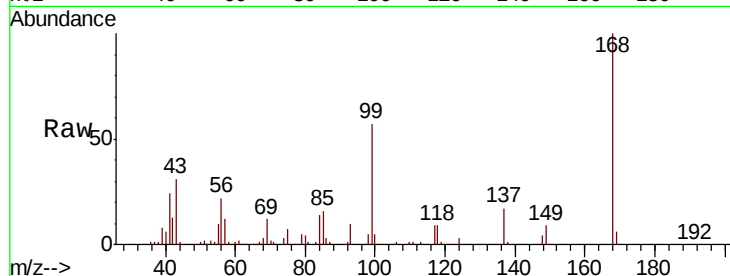
P-3-E.WALL-N.CENTER

Tgt Ion:168 Resp: 664042

Ion Ratio Lower Upper

168 100

99 57.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.03

250000

200000

150000

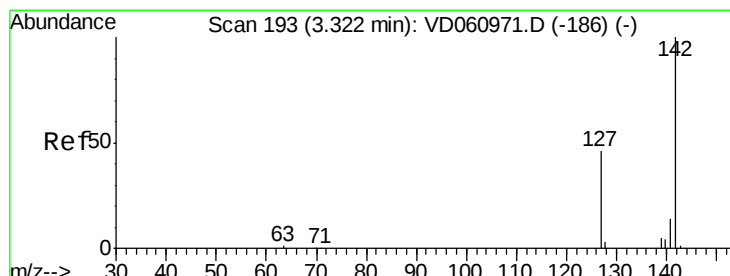
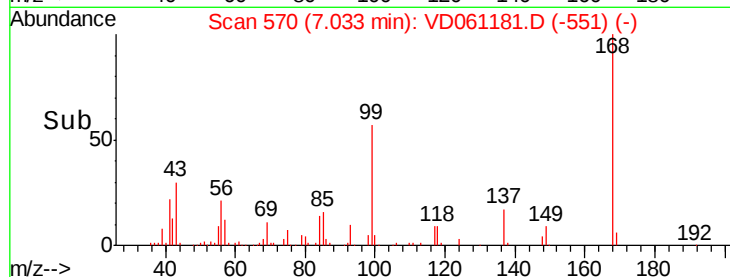
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 2.951 ug/l

RT: 3.31 min Scan# 192

Delta R.T. -0.01 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

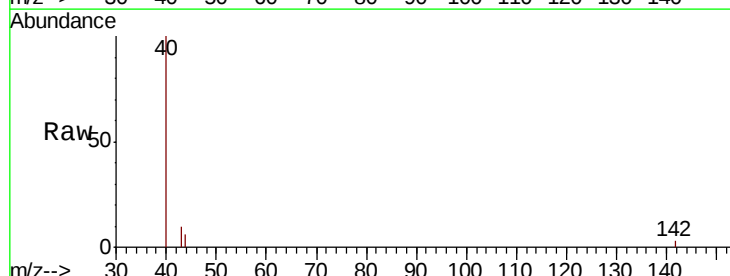
Tgt Ion:142 Resp: 206

Ion Ratio Lower Upper

142 100

127 0.0 36.8 55.2#

141 0.0 11.2 16.8#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.31

400

300

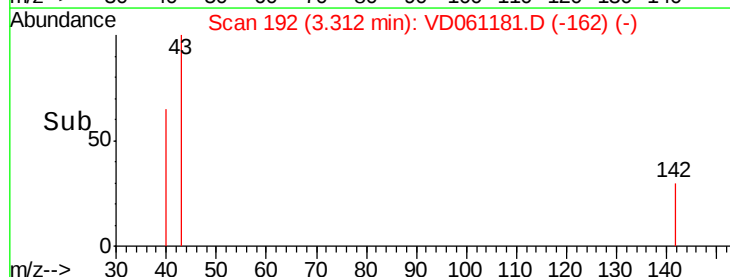
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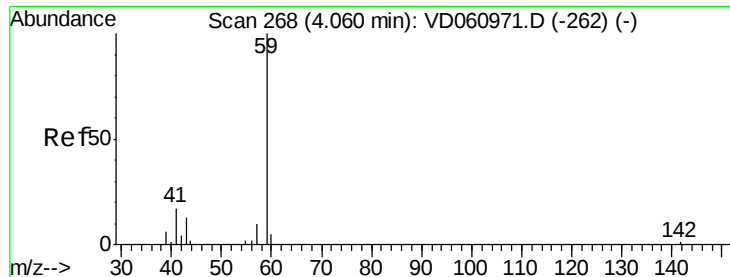
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Time-->

3.28 3.30 3.32 3.34

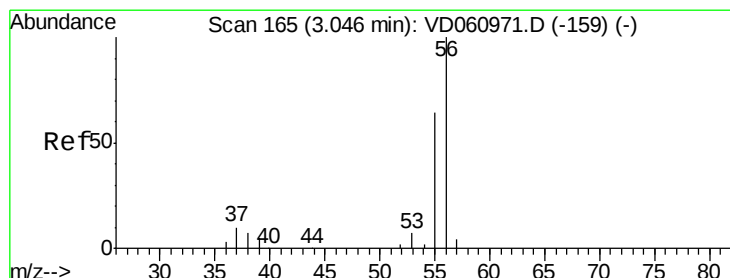
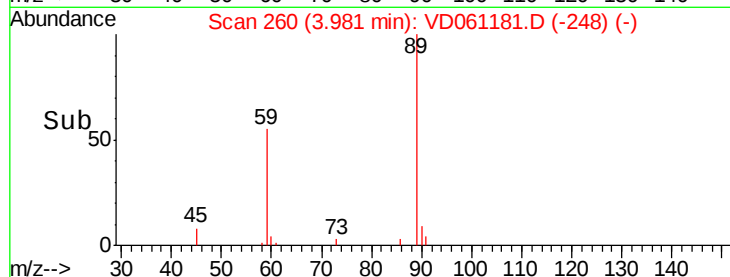
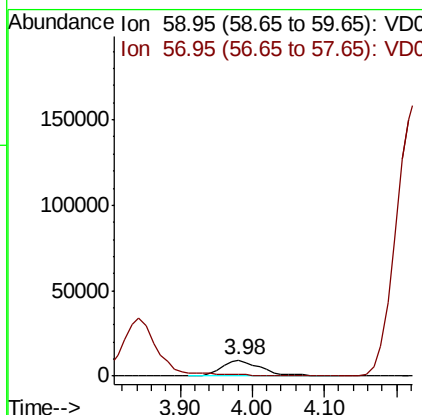
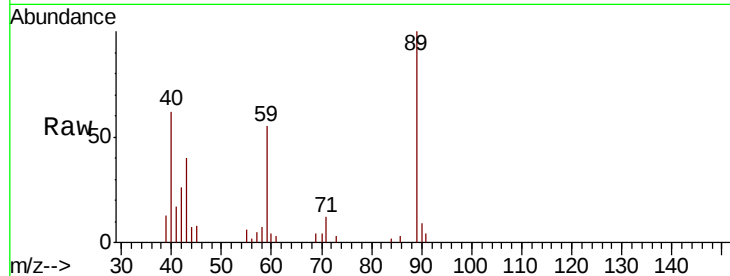




#11
Tert butyl alcohol
Concen: 100.820 ug/l
RT: 3.98 min Scan# 260
Delta R.T. -0.08 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

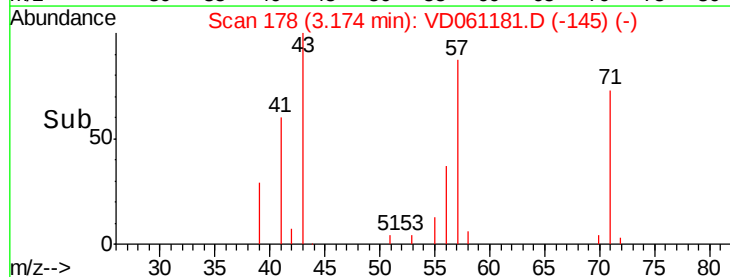
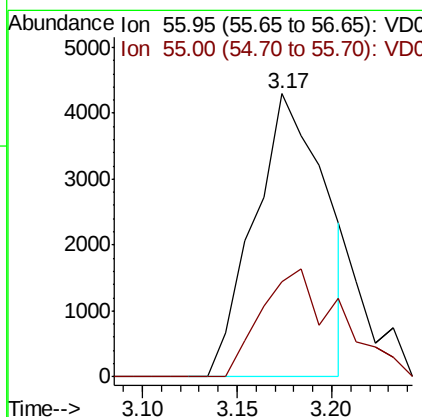
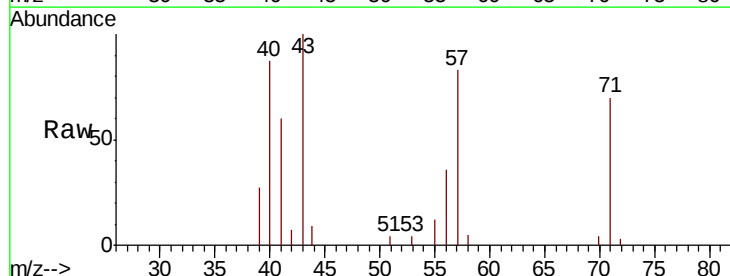
Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

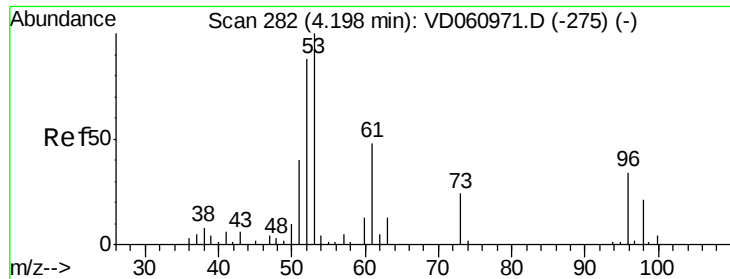
Tgt Ion: 59 Resp: 35477
Ion Ratio Lower Upper
59 100
57 9.9 7.1 10.7



#13
Acrolein
Concen: 21.990 ug/l
RT: 3.17 min Scan# 178
Delta R.T. 0.13 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 56 Resp: 11196
Ion Ratio Lower Upper
56 100
55 33.6 51.3 76.9#

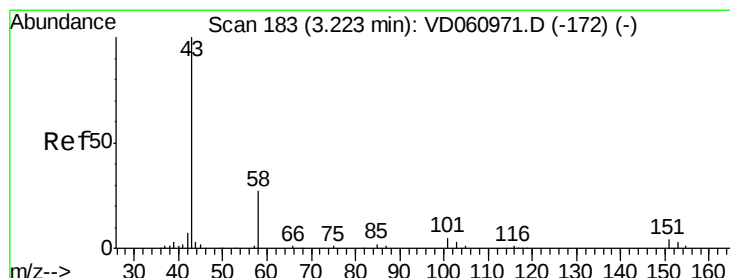
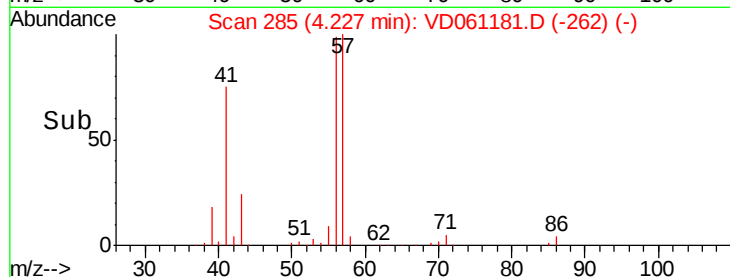
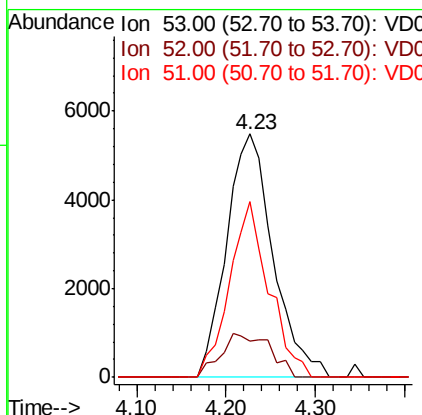
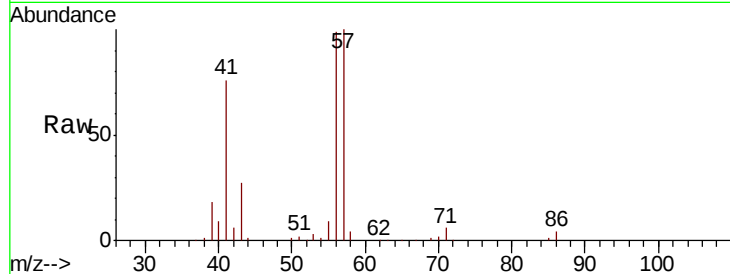




#15
 Acrylonitrile
 Concen: 16.030 ug/l
 RT: 4.23 min Scan# 285
 Delta R.T. 0.03 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

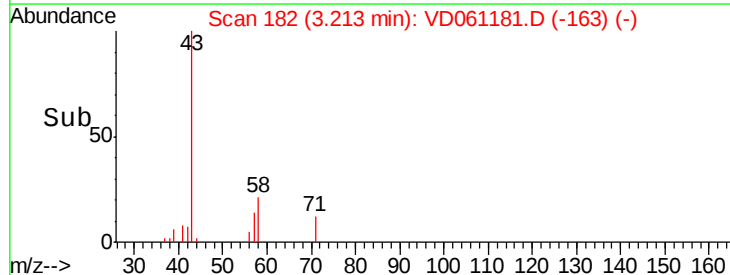
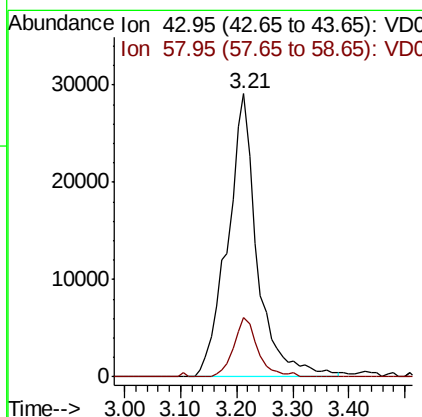
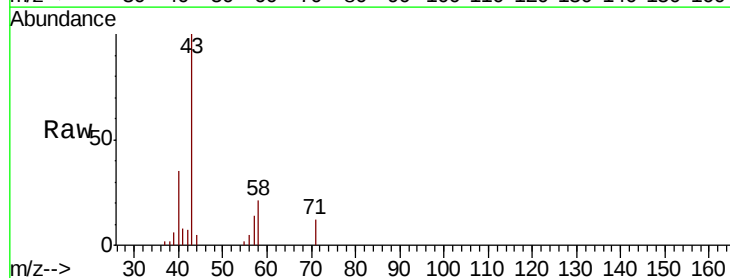
Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

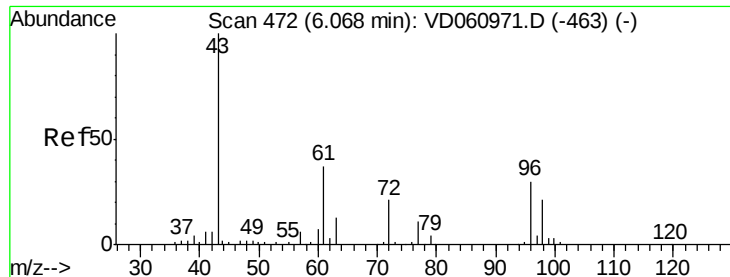
Tgt Ion: 53 Resp: 19936
 Ion Ratio Lower Upper
 53 100
 52 14.7 70.2 105.4#
 51 72.3 31.7 47.5#



#16
 Acetone
 Concen: 67.938 ug/l
 RT: 3.21 min Scan# 182
 Delta R.T. -0.01 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Tgt Ion: 43 Resp: 107383
 Ion Ratio Lower Upper
 43 100
 58 21.1 21.6 32.4#





#25

2-Butanone

Concen: 12.928 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.06 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

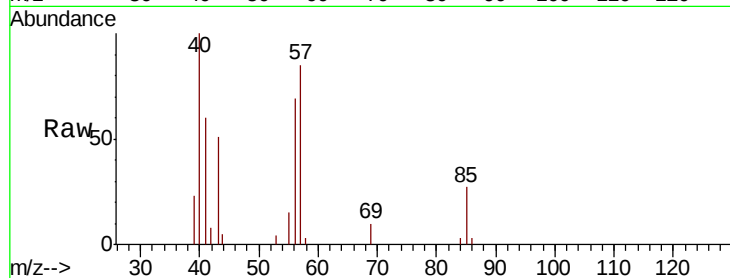
P-3-E.WALL-N.CENTER

Tgt Ion: 43 Resp: 23187

Ion Ratio Lower Upper

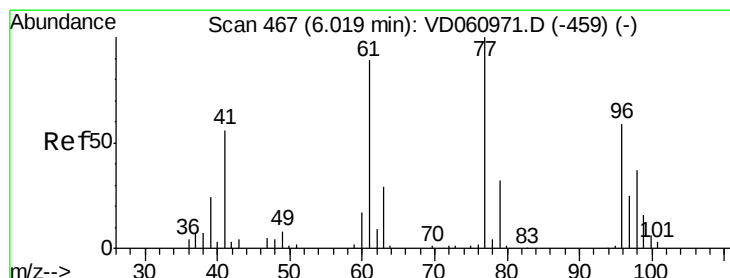
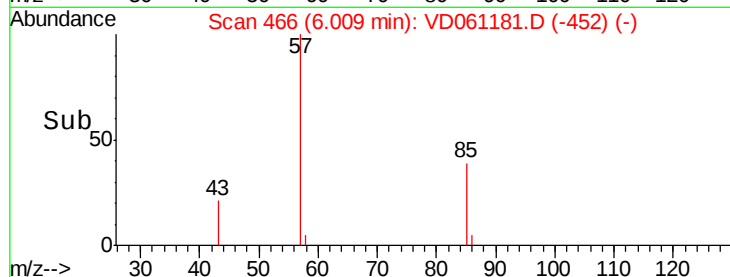
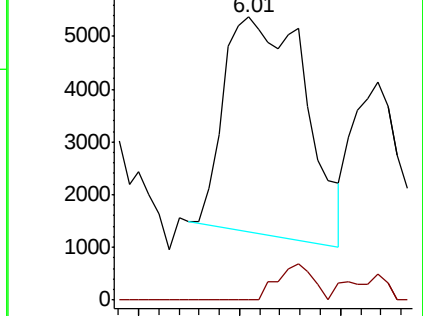
43 100

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: 1.726 ug/l

RT: 6.14 min Scan# 479

Delta R.T. 0.12 min

Lab File: VD061181.D

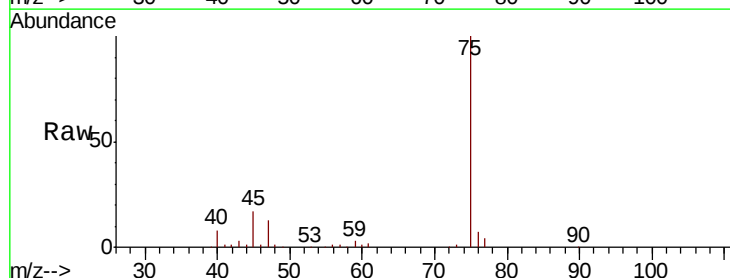
Acq: 19 Mar 2019 13:27

Tgt Ion: 77 Resp: 16349

Ion Ratio Lower Upper

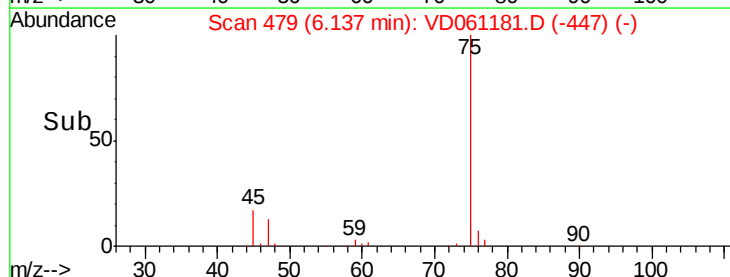
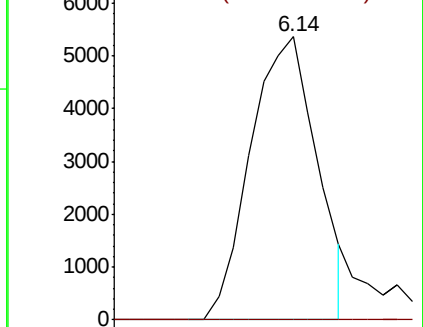
77 100

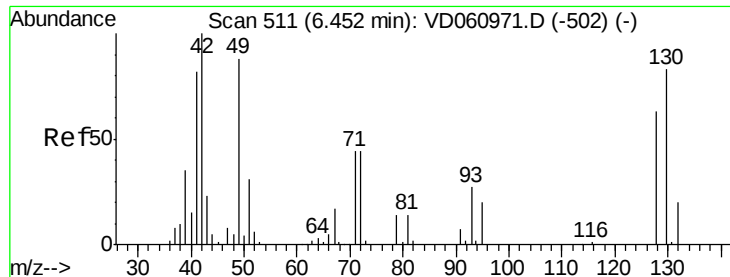
97 0.0 12.6 37.6#



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#29

Tetrahydrofuran

Concen: 10.144 ug/l

RT: 6.66 min Scan# 532

Delta R.T. 0.21 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

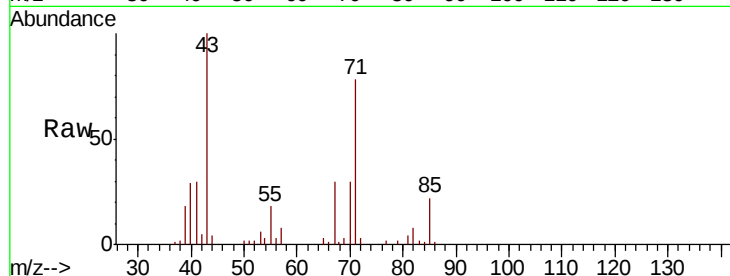
Tgt Ion: 42 Resp: 9879

Ion Ratio Lower Upper

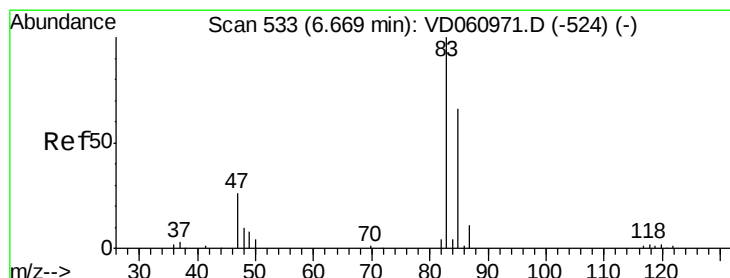
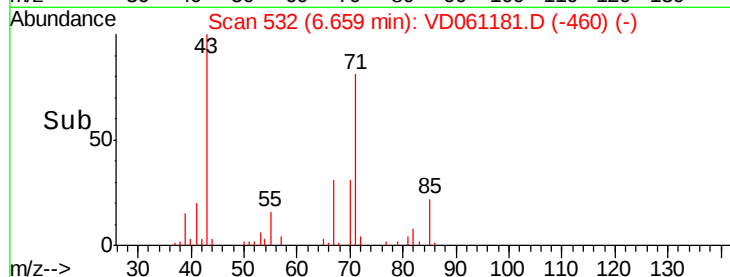
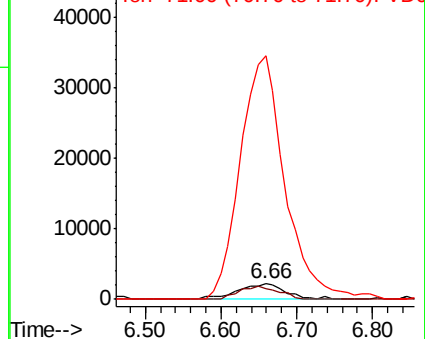
42 100

72 66.8 34.5 51.7#

71 1435.4 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



#30

Chloroform

Concen: 1.219 ug/l

RT: 6.61 min Scan# 527

Delta R.T. -0.06 min

Lab File: VD061181.D

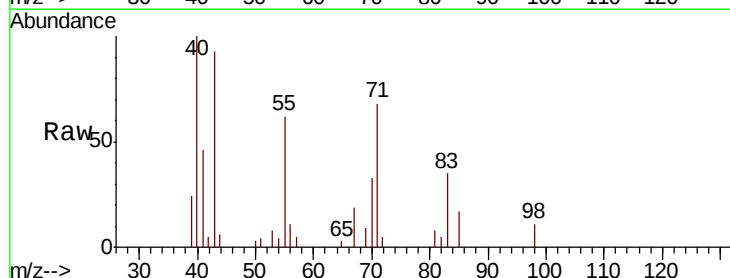
Acq: 19 Mar 2019 13:27

Tgt Ion: 83 Resp: 15328

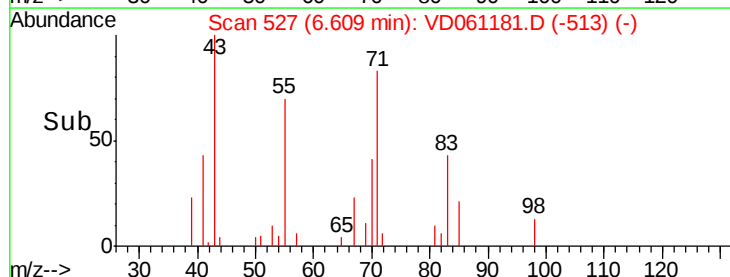
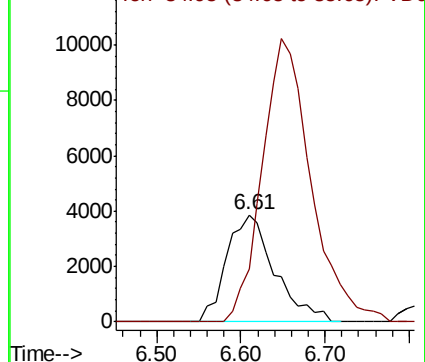
Ion Ratio Lower Upper

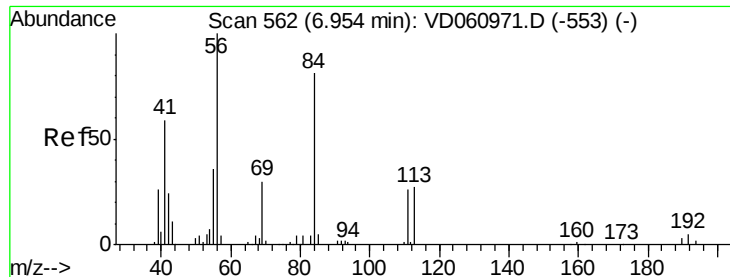
83 100

85 49.4 53.0 79.4#



Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC

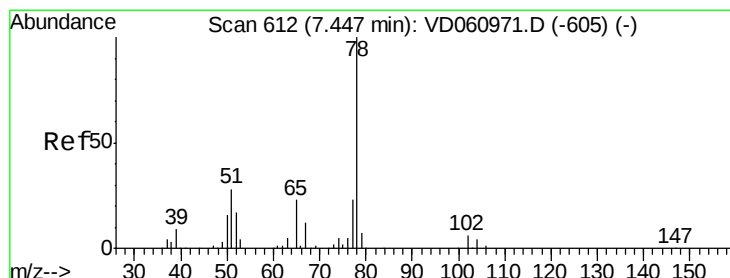
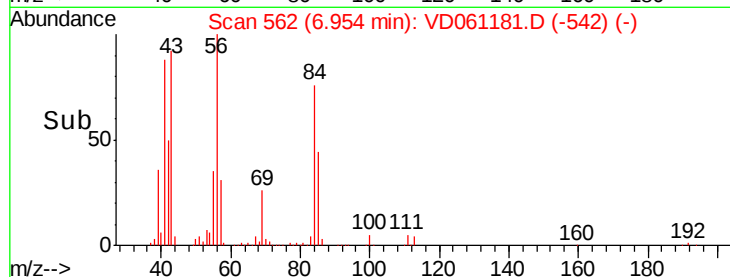
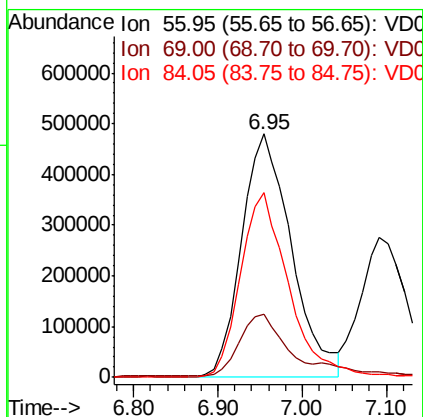
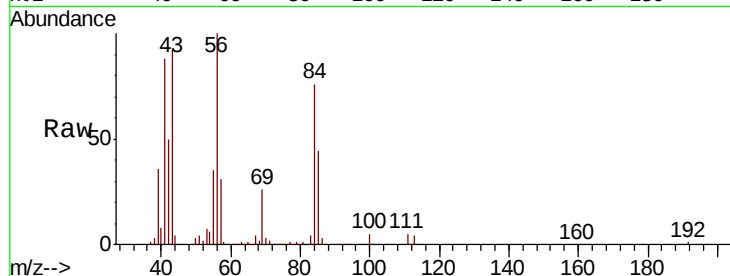




#31
Cyclohexane
Concen: 202.244 ug/l
RT: 6.95 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

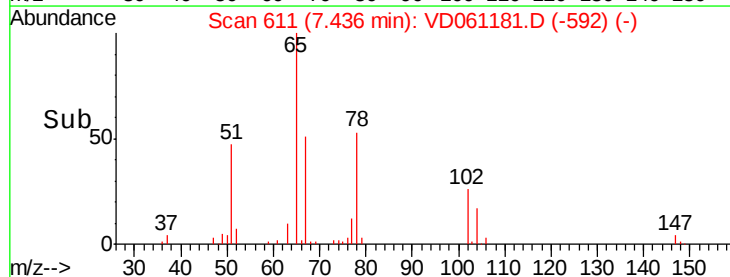
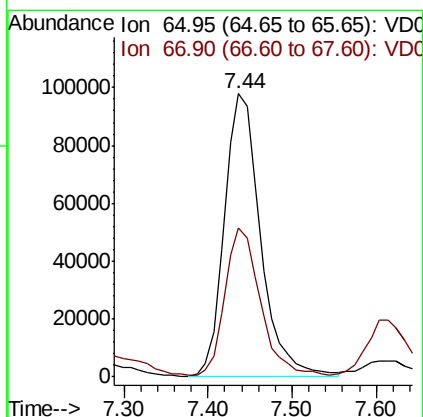
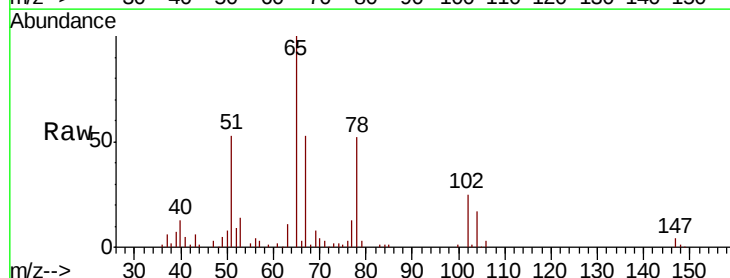
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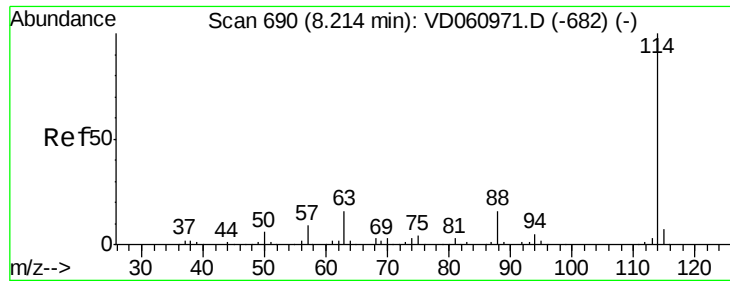
Tgt Ion: 56 Resp: 1978132
Ion Ratio Lower Upper
56 100
69 25.8 24.0 36.0
84 75.7 65.8 98.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.01 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 65 Resp: 292975
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

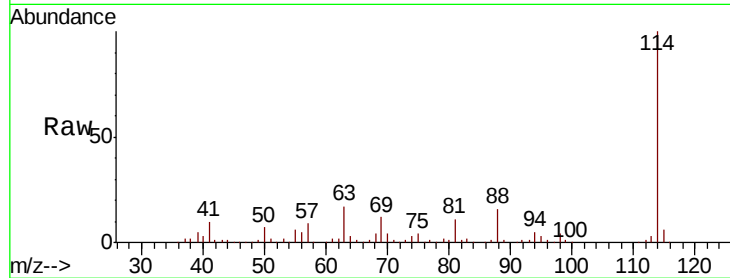
Tgt Ion:114 Resp: 1108283

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.4

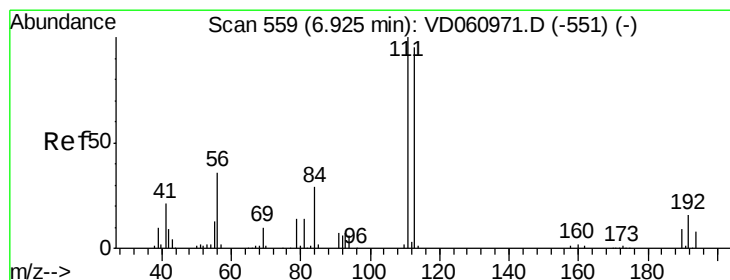
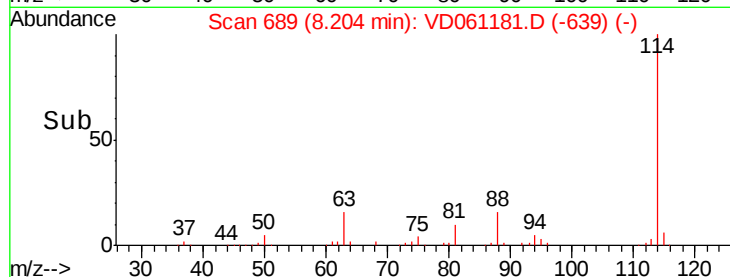
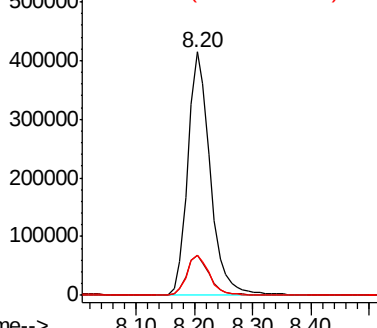
88 16.4 0.0 33.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

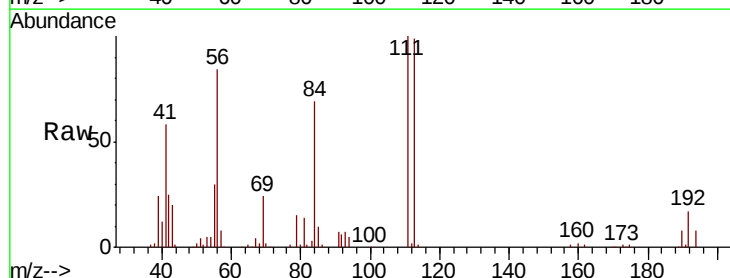
Tgt Ion:113 Resp: 430667

Ion Ratio Lower Upper

113 100

111 100.5 84.2 126.4

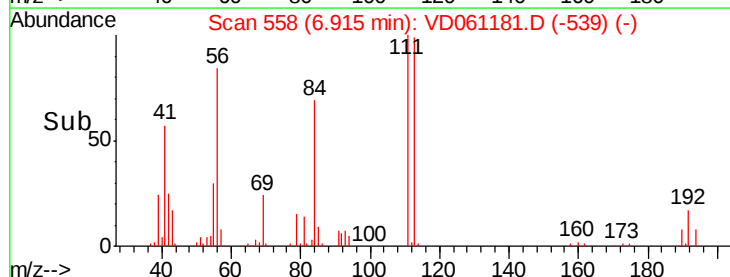
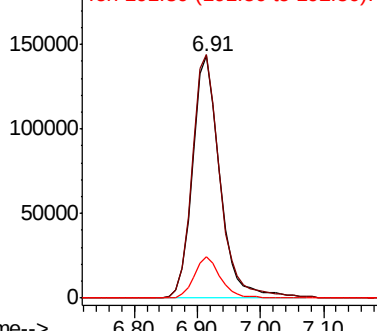
192 17.2 13.1 19.7

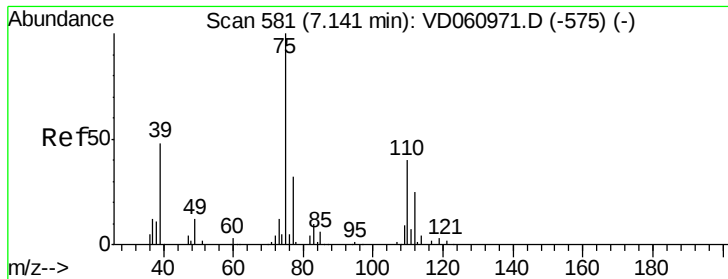


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

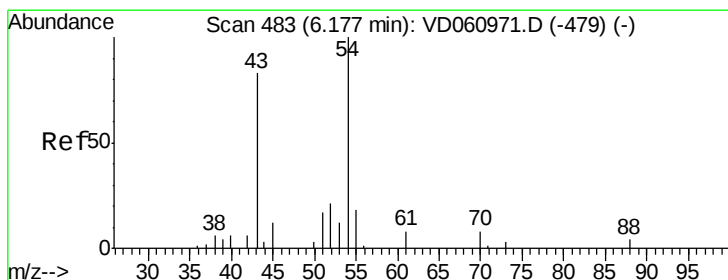
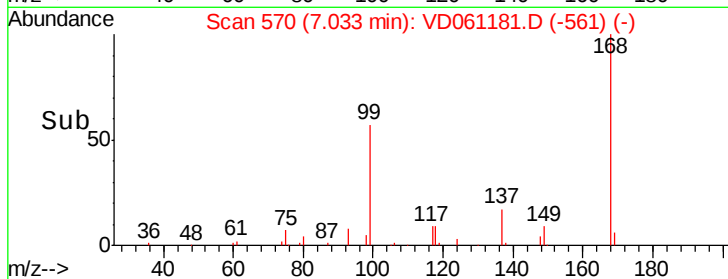
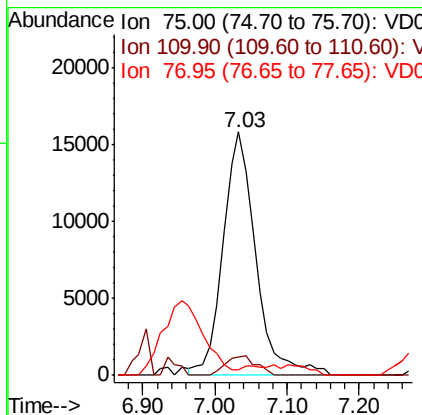
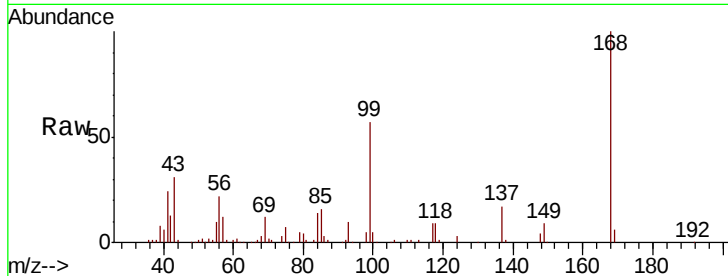




#36
 1,1-Dichloropropene
 Concen: 5.200 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

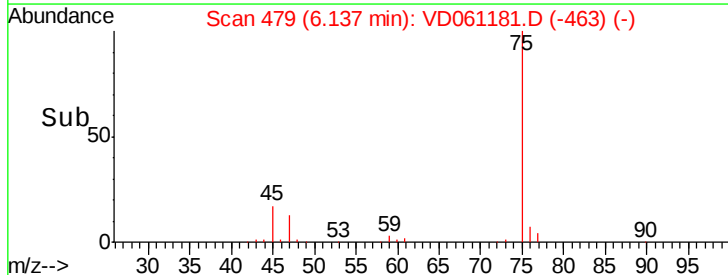
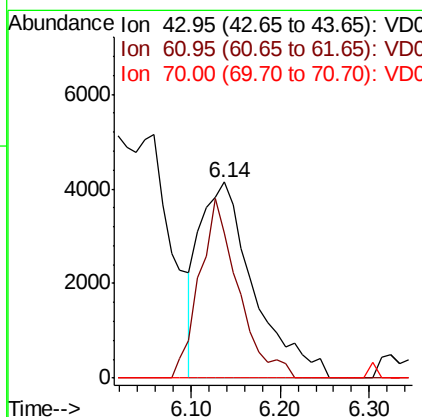
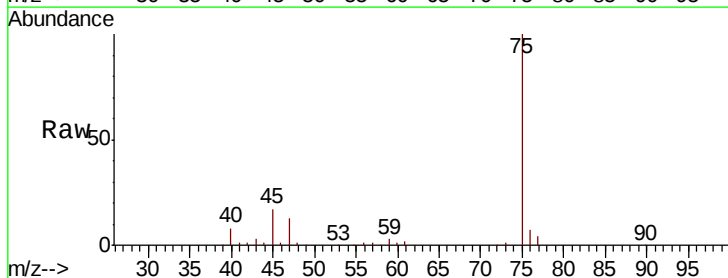
Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

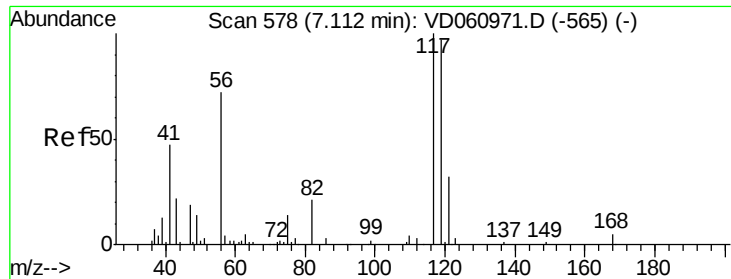
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.6	19.7	59.1#
77	2.5	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 3.877 ug/l
 RT: 6.14 min Scan# 479
 Delta R.T. -0.04 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	74.5	13.7	20.5#
70	0.0	7.1	10.7#

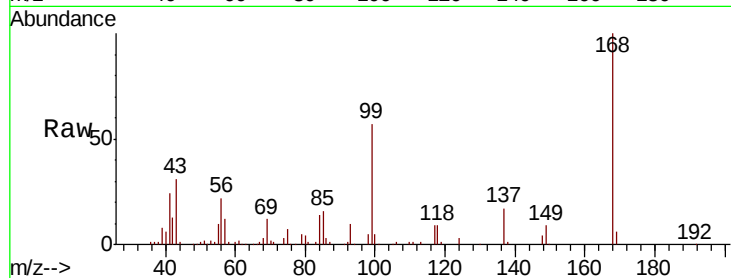




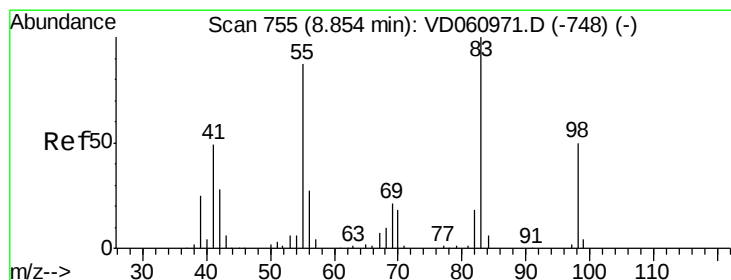
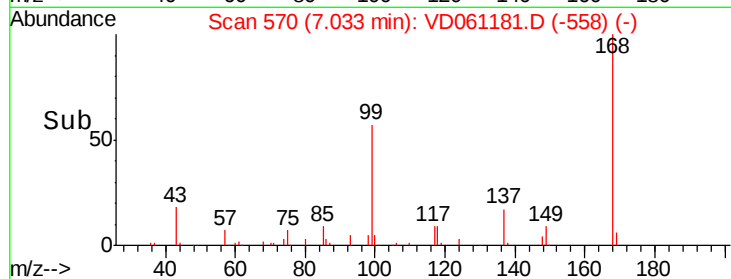
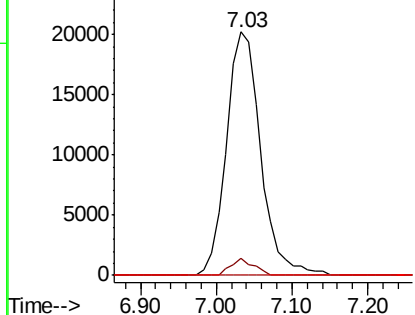
#38
Carbon Tetrachloride
Concen: 5.974 ug/l
RT: 7.03 min Scan# 570
Delta R.T. -0.08 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

Tgt Ion:117 Resp: 62861
Ion Ratio Lower Upper
117 100
119 6.9 77.8 116.8#
121 0.0 25.3 37.9#

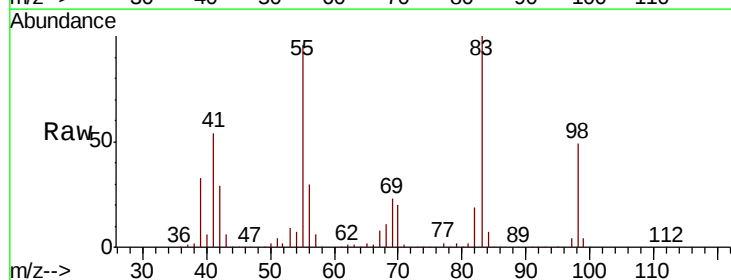


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

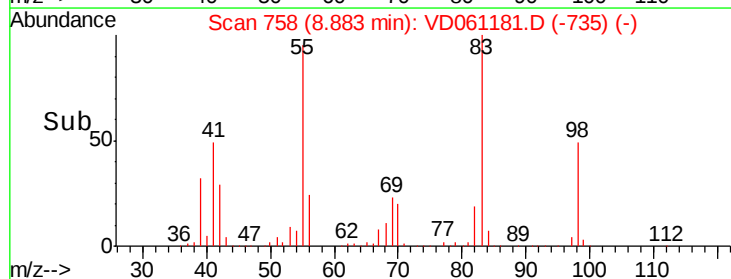
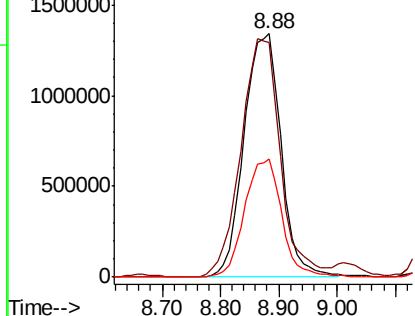


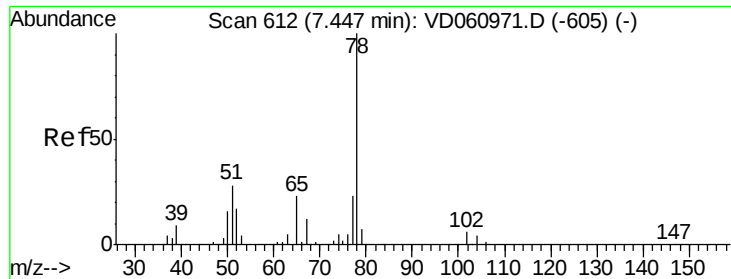
#39
Methylcyclohexane
Concen: 604.734 ug/l
RT: 8.88 min Scan# 758
Delta R.T. 0.03 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 83 Resp: 5990474
Ion Ratio Lower Upper
83 100
55 96.3 69.6 104.4
98 48.7 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

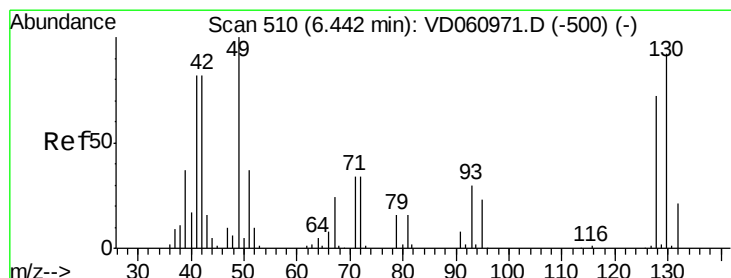
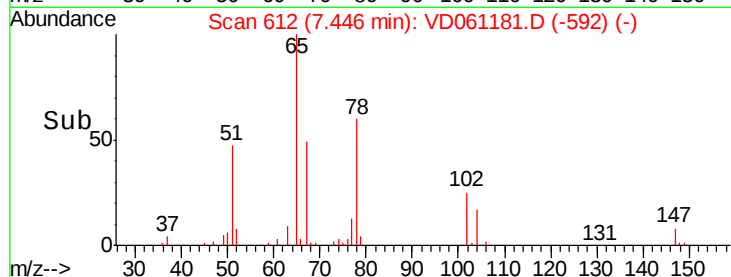
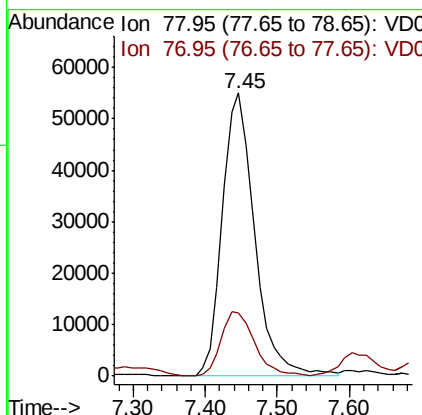
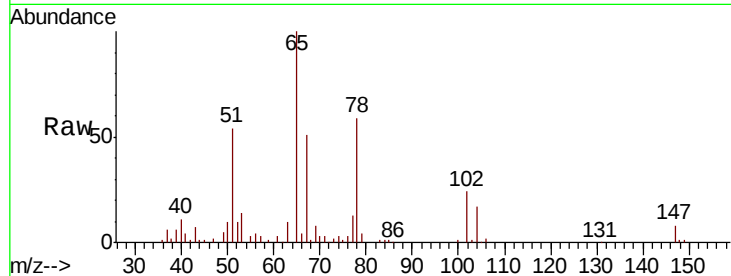




#40
Benzene
Concen: 7.174 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.00 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

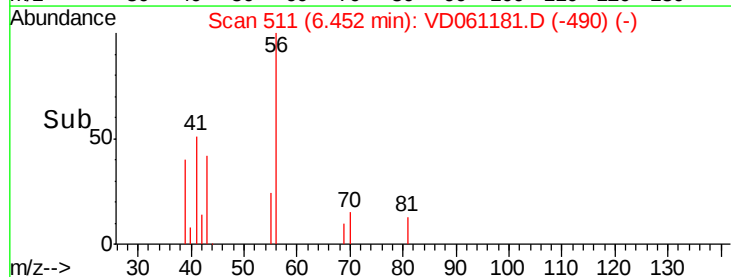
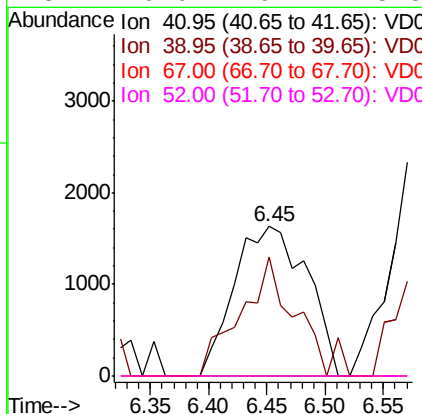
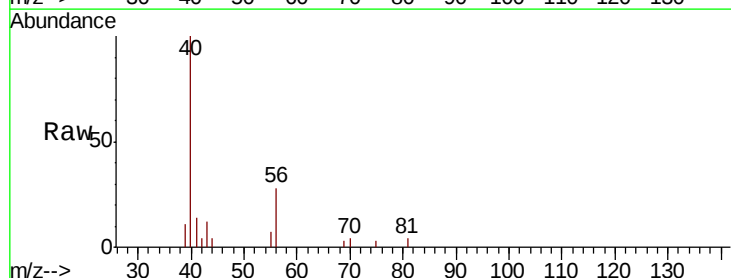
Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

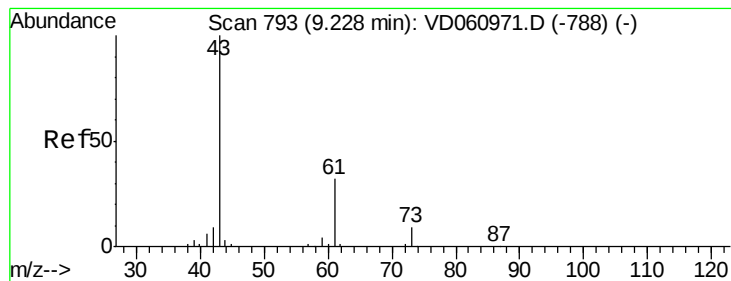
Tgt Ion: 78 Resp: 171250
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2



#41
Methacrylonitrile
Concen: 1.373 ug/l
RT: 6.45 min Scan# 511
Delta R.T. 0.01 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 41 Resp: 7081
Ion Ratio Lower Upper
41 100
39 79.4 35.7 53.5#
67 0.0 23.0 34.6#
52 0.0 9.2 13.8#





#43

Isopropyl Acetate

Concen: 132.594 ug/l

RT: 9.28 min Scan# 798

Delta R.T. 0.05 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

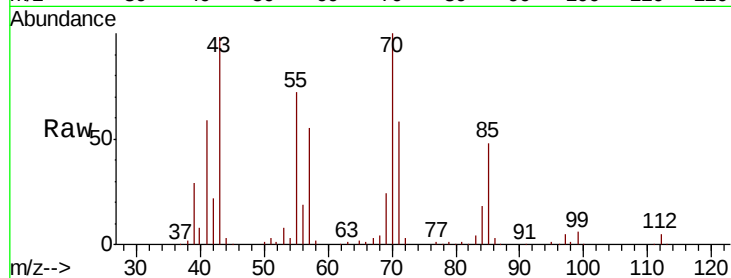
Tgt Ion: 43 Resp: 823289

Ion Ratio Lower Upper

43 100

61 0.0 25.6 38.4#

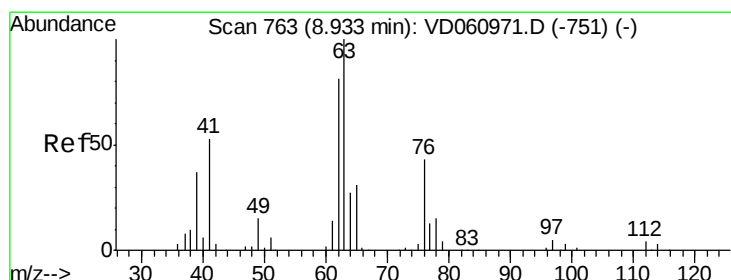
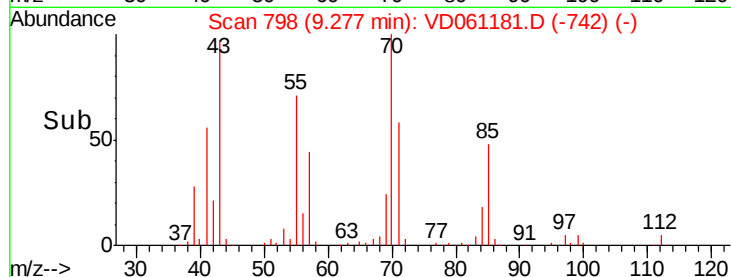
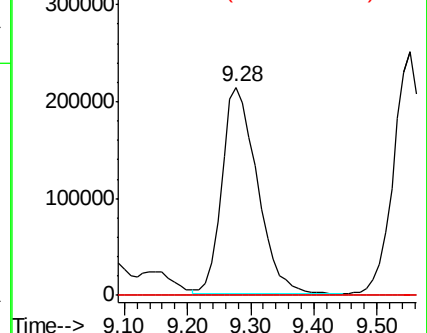
87 0.2 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#45

1,2-Dichloropropane

Concen: 11.319 ug/l

RT: 8.87 min Scan# 757

Delta R.T. -0.06 min

Lab File: VD061181.D

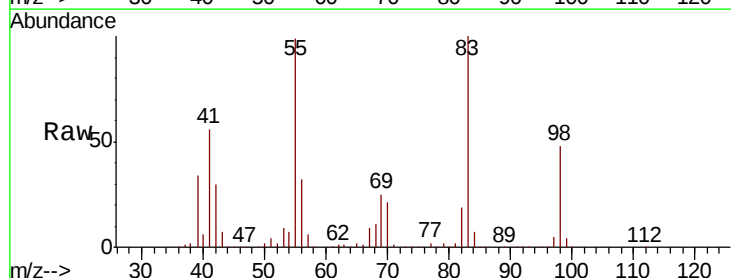
Acq: 19 Mar 2019 13:27

Tgt Ion: 63 Resp: 70989

Ion Ratio Lower Upper

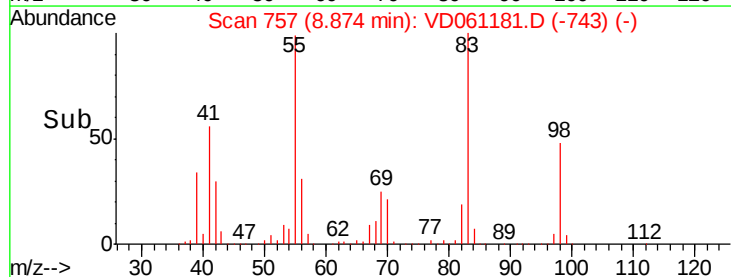
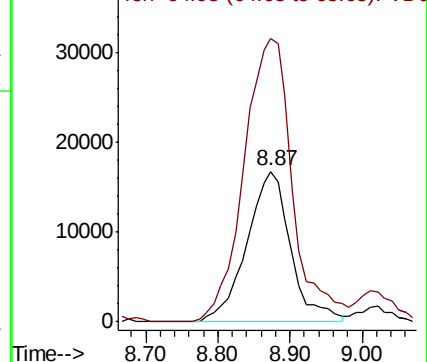
63 100

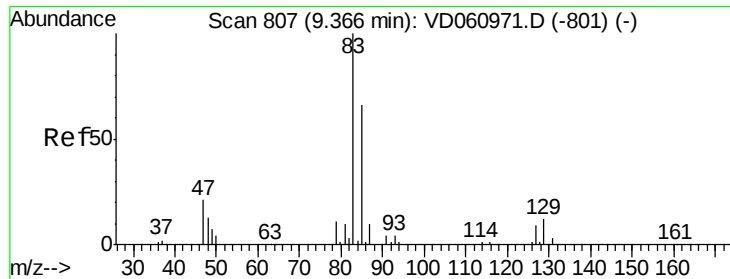
65 188.0 24.8 37.2#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC





#47

Bromodichloromethane

Concen: 2.906 ug/l

RT: 9.40 min Scan# 810

Delta R.T. 0.03 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

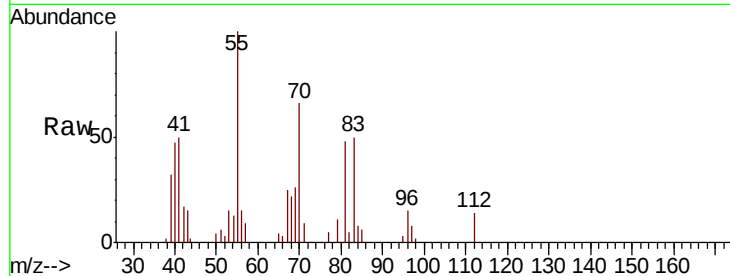
Tgt Ion: 83 Resp: 26083

Ion Ratio Lower Upper

83 100

85 11.4 52.5 78.7#

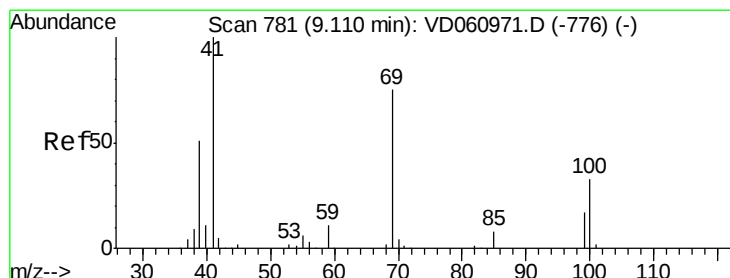
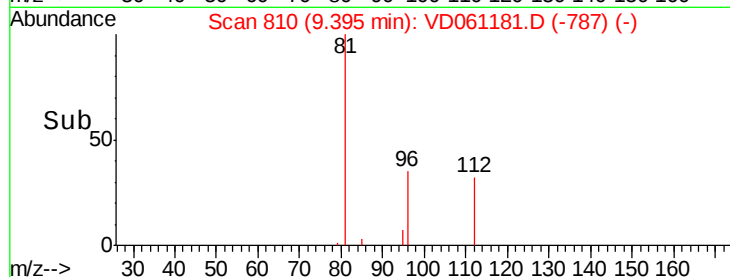
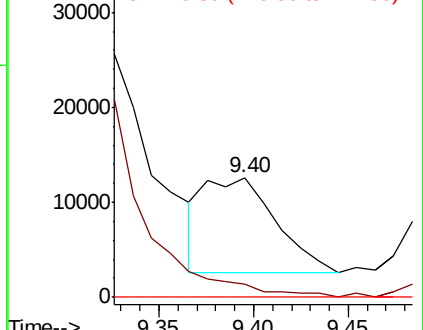
127 0.0 7.5 11.3#



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 224.091 ug/l

RT: 9.16 min Scan# 786

Delta R.T. 0.05 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

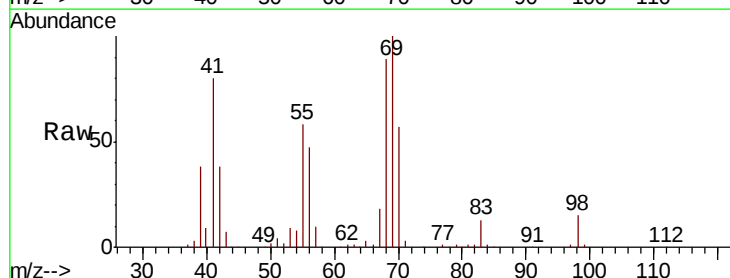
Tgt Ion: 41 Resp: 783410

Ion Ratio Lower Upper

41 100

69 125.7 59.9 89.9#

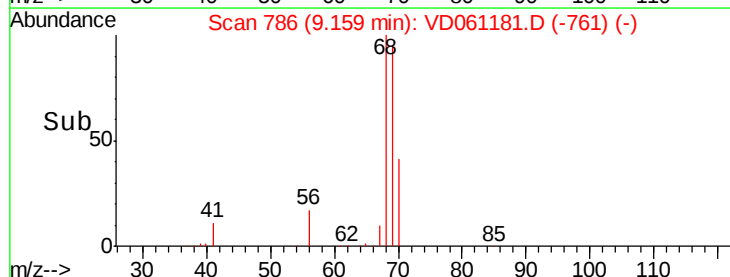
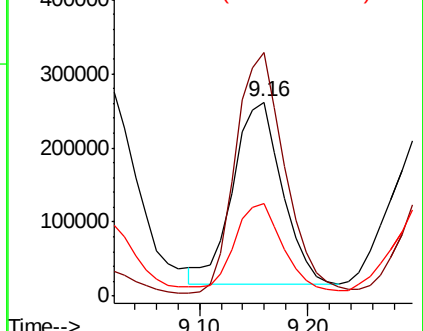
39 48.0 40.9 61.3

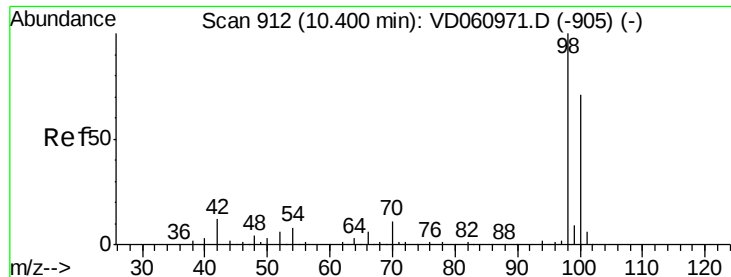


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

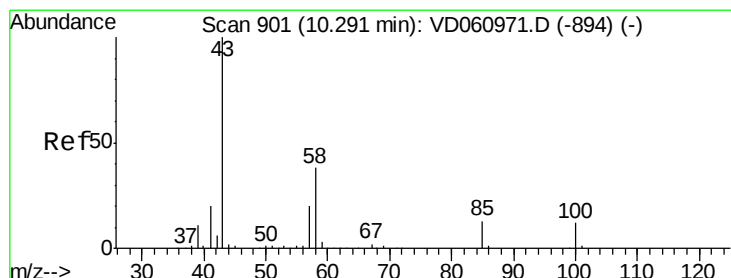
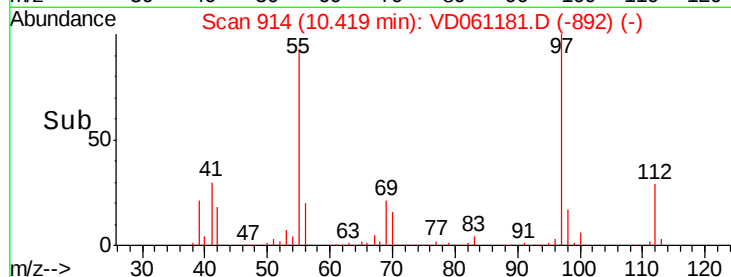
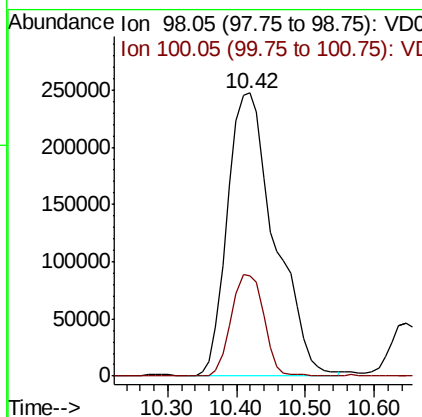
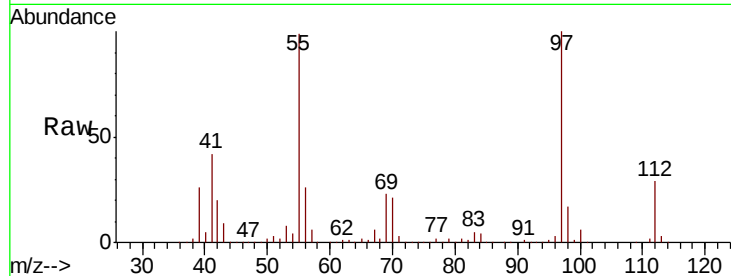




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

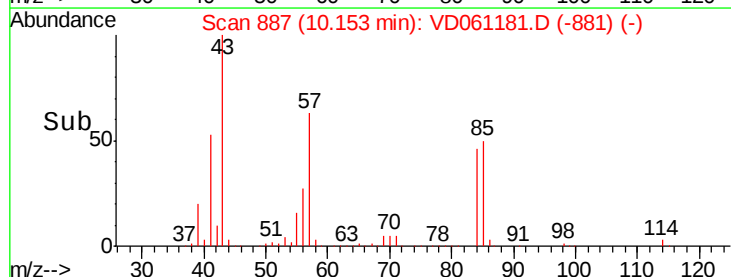
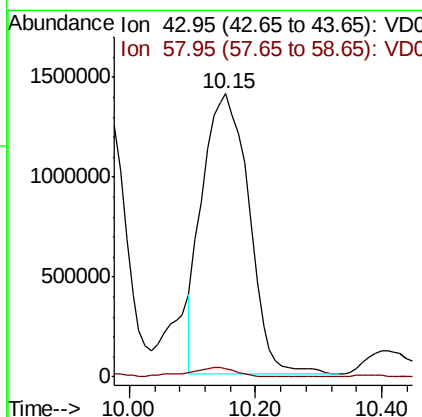
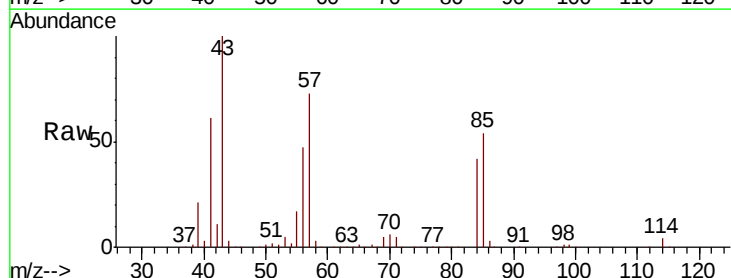
Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

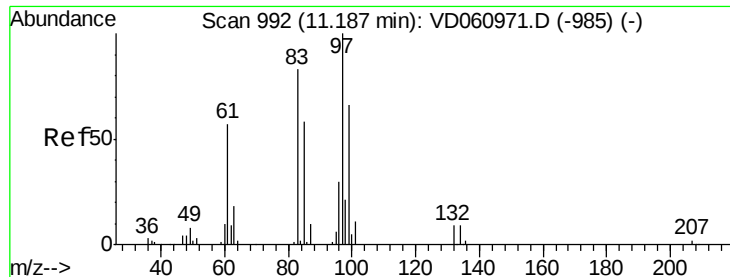
Tgt Ion: 98 Resp: 1179943
Ion Ratio Lower Upper
98 100
100 35.6 57.4 86.2#



#51
4-Methyl-2-Pentanone
Concen: 1880.440 ug/l
RT: 10.15 min Scan# 887
Delta R.T. -0.14 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 43 Resp: 7152948
Ion Ratio Lower Upper
43 100
58 3.1 30.2 45.2#





#55

1,1,2-Trichloroethane

Concen: 676.345 ug/l

RT: 11.11 min Scan# 984

Delta R.T. -0.08 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

Tgt Ion: 97 Resp: 3343411

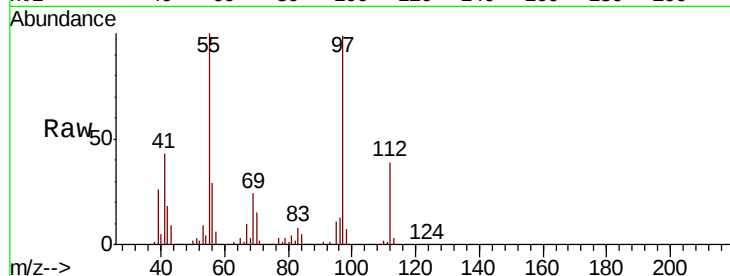
Ion Ratio Lower Upper

97 100

83 8.1 66.6 100.0#

85 0.4 46.4 69.6#

99 0.2 52.4 78.6#

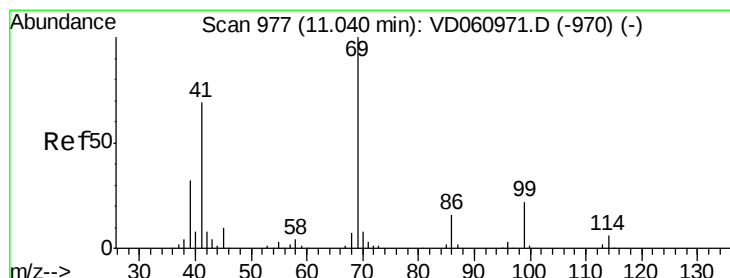
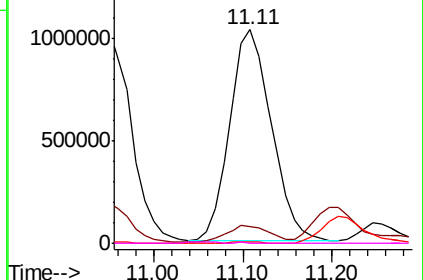
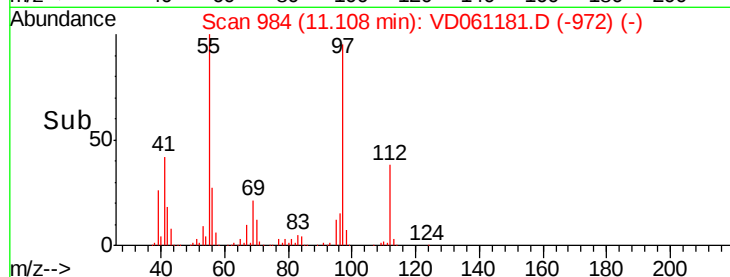


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 157.587 ug/l

RT: 11.11 min Scan# 984

Delta R.T. 0.07 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

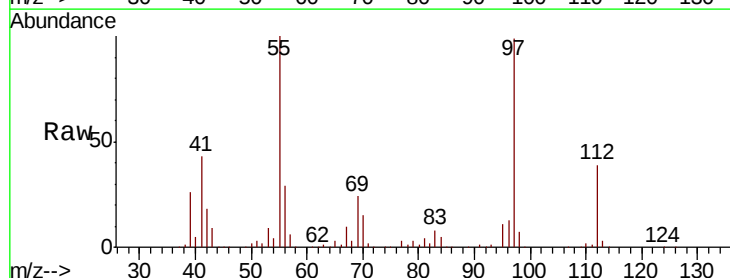
Tgt Ion: 69 Resp: 815401

Ion Ratio Lower Upper

69 100

41 184.6 55.5 83.3#

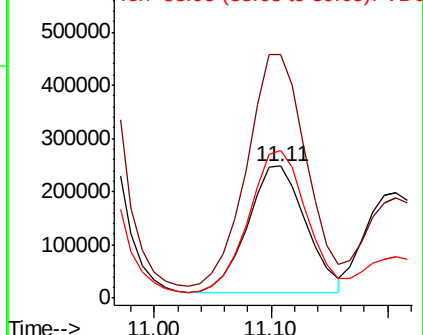
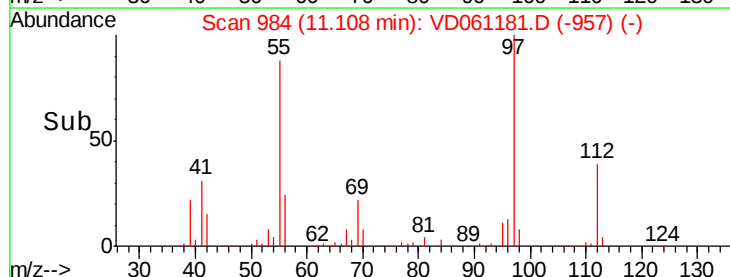
39 111.9 26.2 39.2#

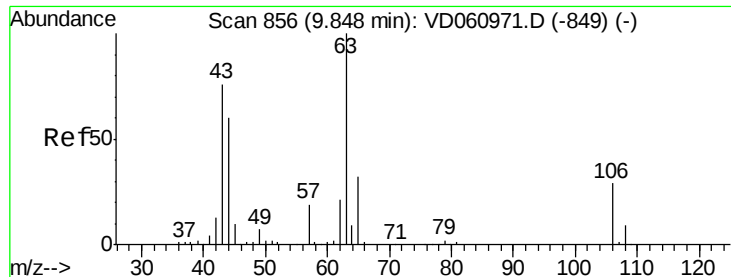


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

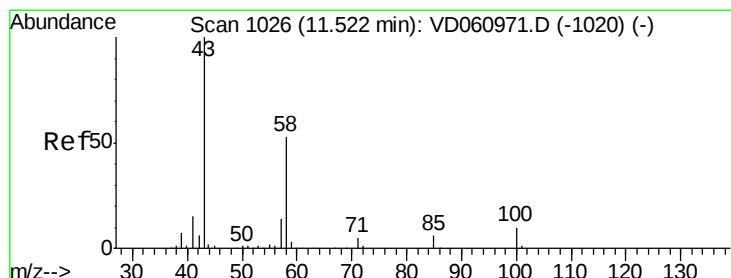
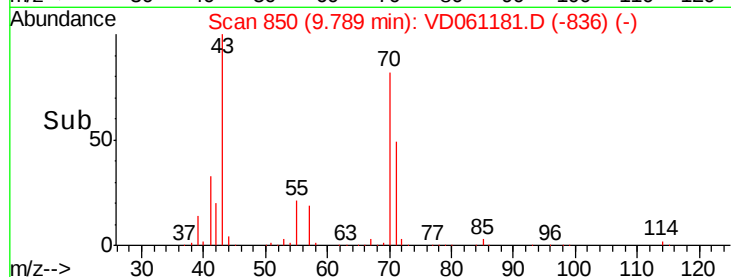
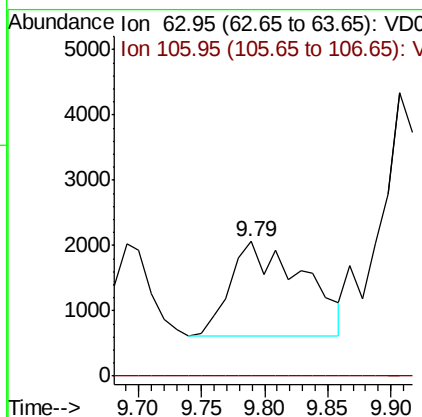
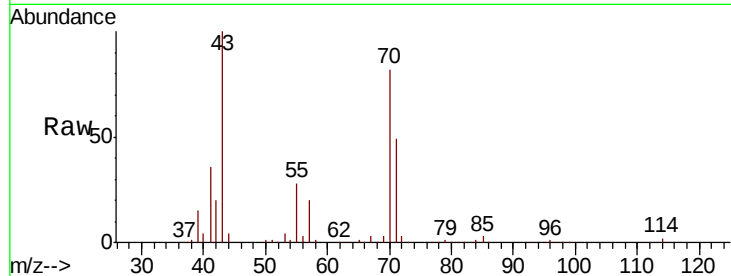




#58
 2-Chloroethyl Vinyl ether
 Concen: 2.087 ug/l
 RT: 9.79 min Scan# 850
 Delta R.T. -0.06 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

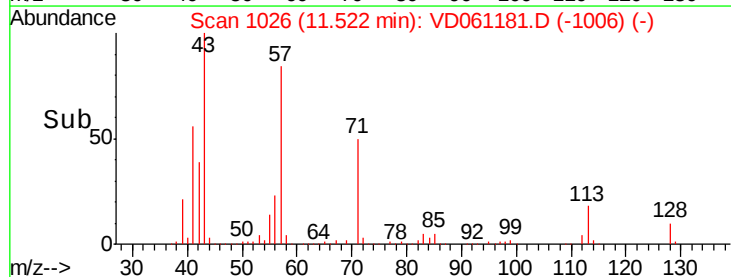
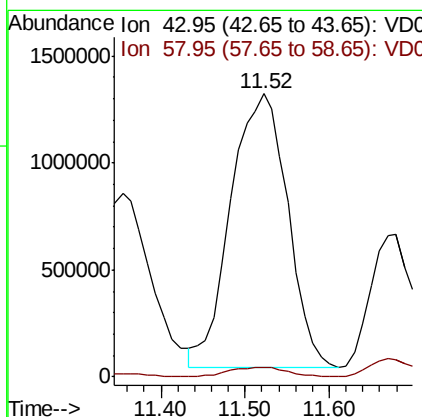
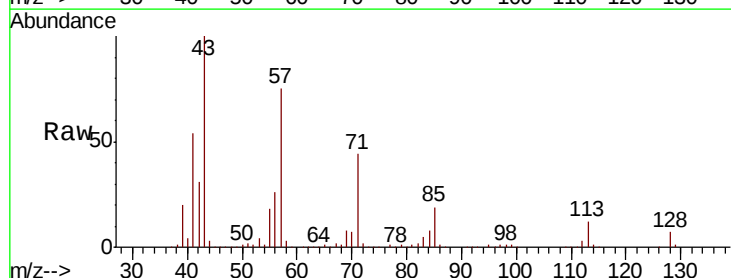
Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

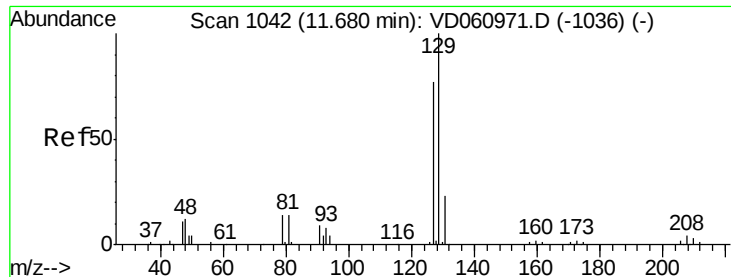
Tgt Ion: 63 Resp: 5716
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.8 34.2#



#59
 2-Hexanone
 Concen: 2173.310 ug/l
 RT: 11.52 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Tgt Ion: 43 Resp: 6047255
 Ion Ratio Lower Upper
 43 100
 58 3.3 26.5 79.5#





#60

Dibromochloromethane

Concen: 1.640 ug/l

RT: 11.67 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

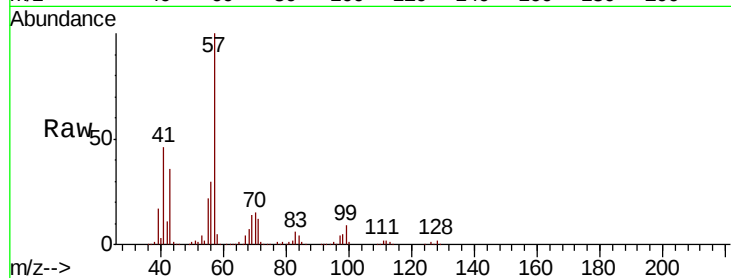
P-3-E.WALL-N.CENTER

Tgt Ion:129 Resp: 11933

Ion Ratio Lower Upper

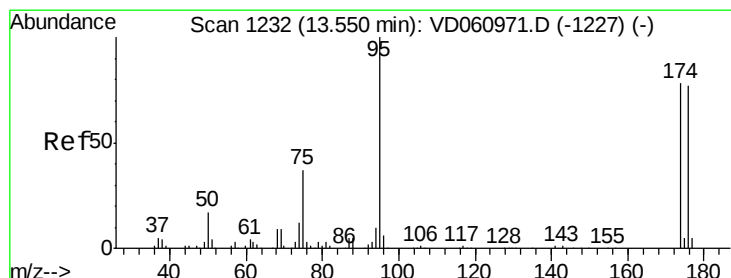
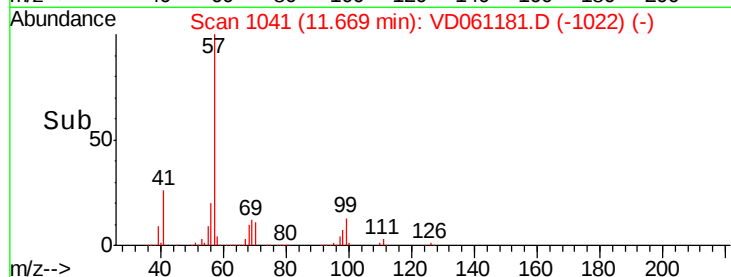
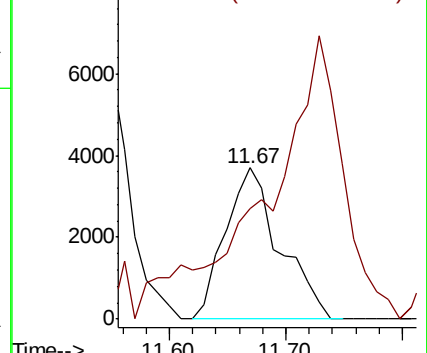
129 100

127 73.3 38.3 114.9



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.51 min Scan# 1228

Delta R.T. -0.04 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

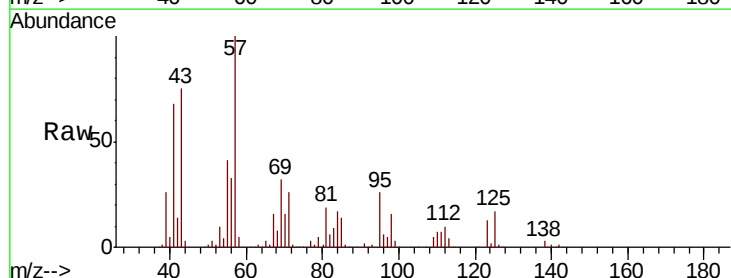
Tgt Ion: 95 Resp: 558241

Ion Ratio Lower Upper

95 100

174 0.0 0.0 155.6

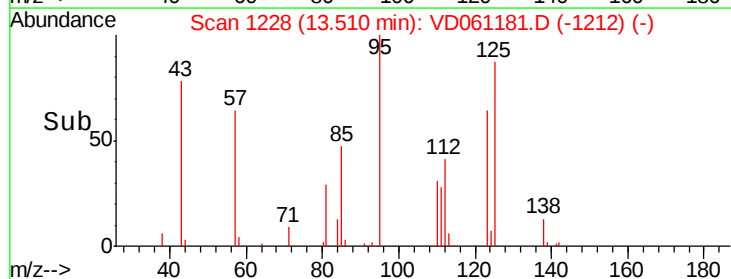
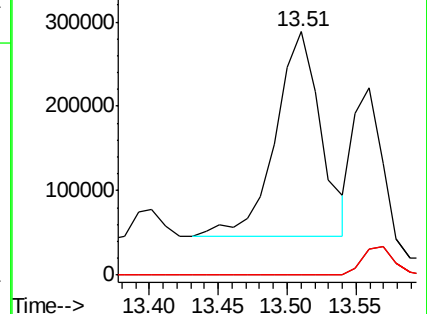
176 0.0 0.0 153.8

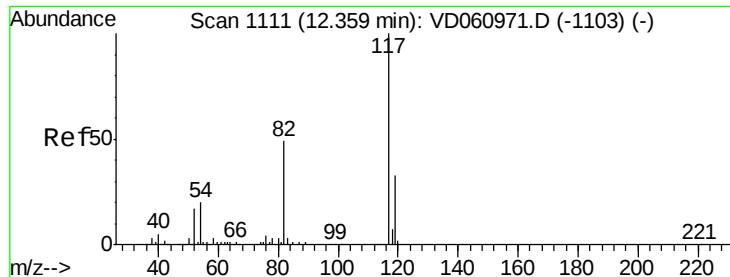


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

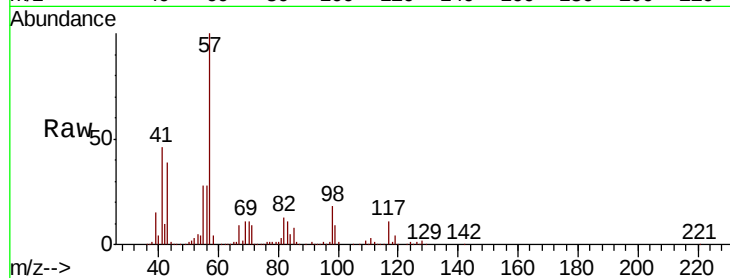




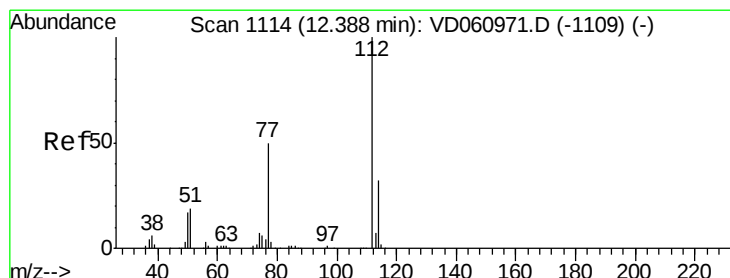
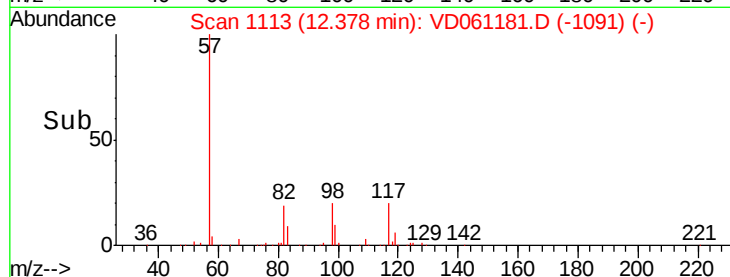
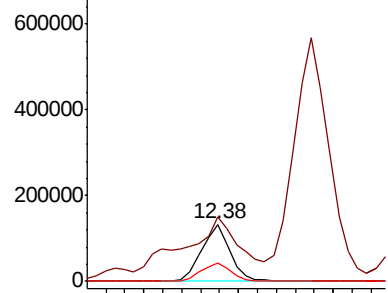
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

Tgt Ion:117 Resp: 277478
Ion Ratio Lower Upper
117 100
82 112.5 38.9 58.3#
119 32.9 26.6 39.8

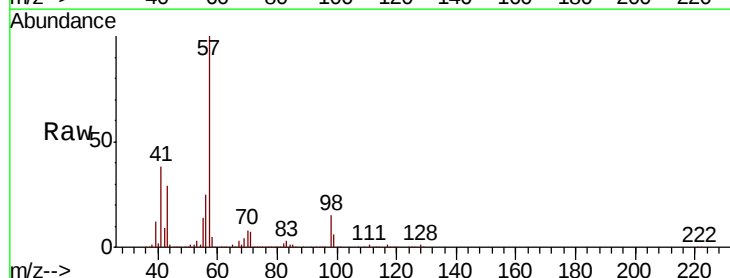


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

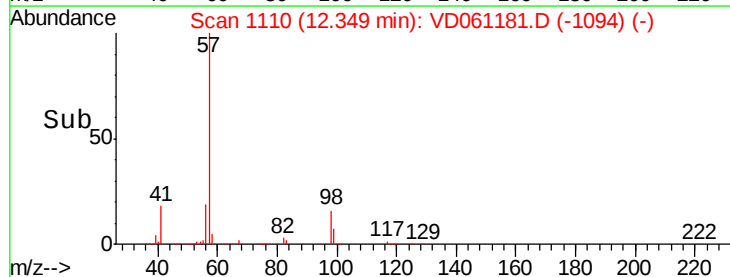
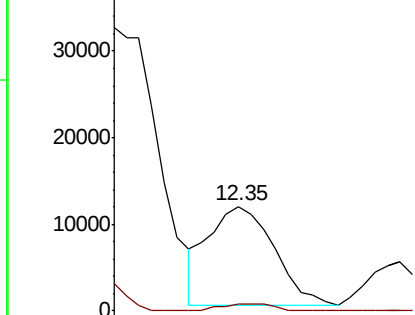


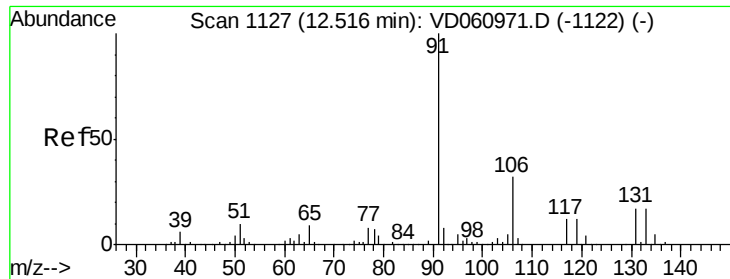
#65
Chlorobenzene
Concen: 7.676 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.04 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion:112 Resp: 41757
Ion Ratio Lower Upper
112 100
114 6.9 26.0 39.0#



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

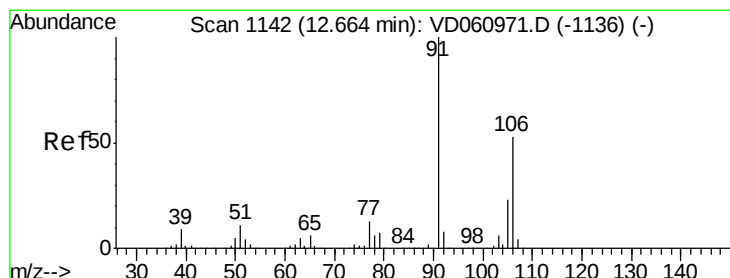
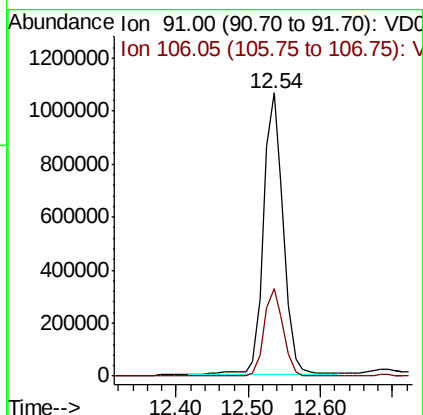
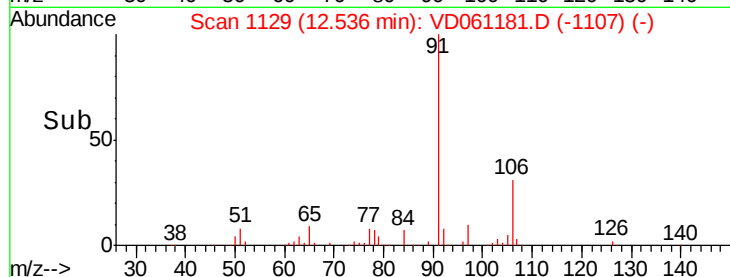
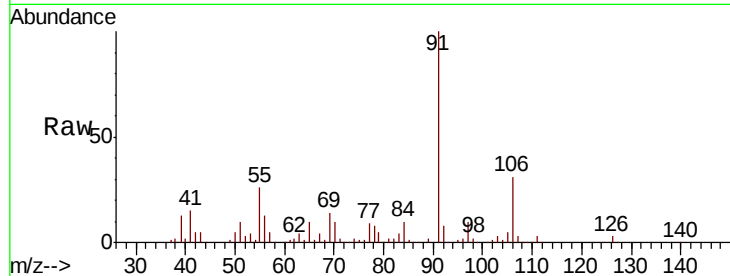




#67
Ethyl Benzene
Concen: 250.519 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.02 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

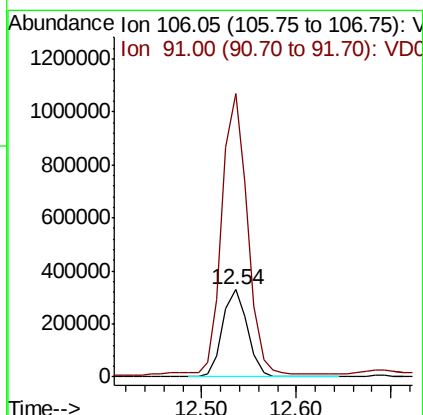
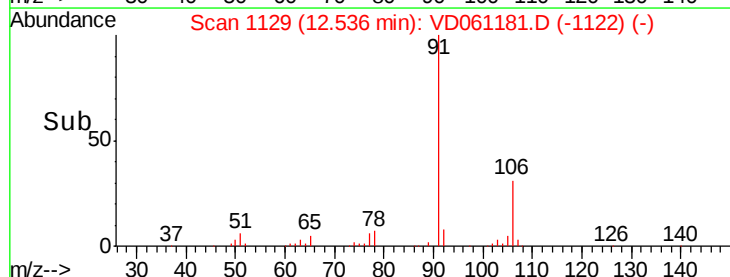
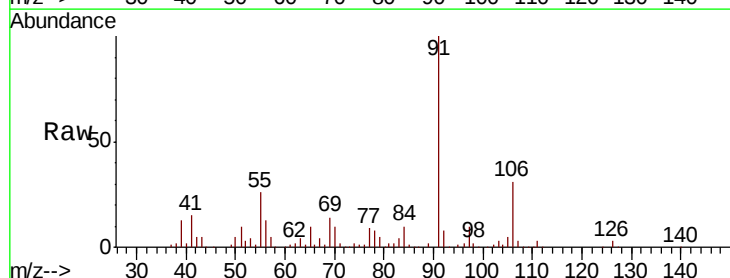
Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

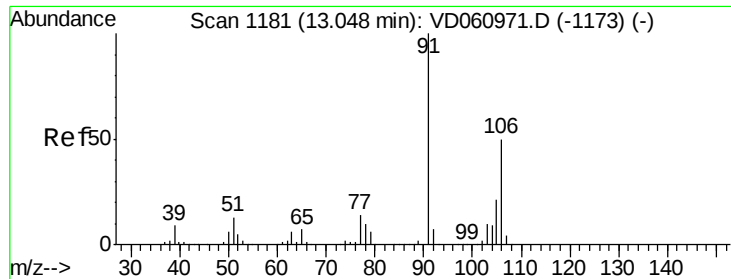
Tgt Ion: 91 Resp: 2028812
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5



#68
m/p-Xylenes
Concen: 189.904 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. -0.13 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 106 Resp: 603625
Ion Ratio Lower Upper
106 100
91 324.2 152.0 228.0#

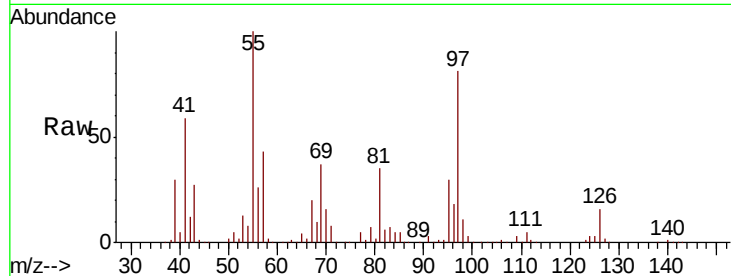




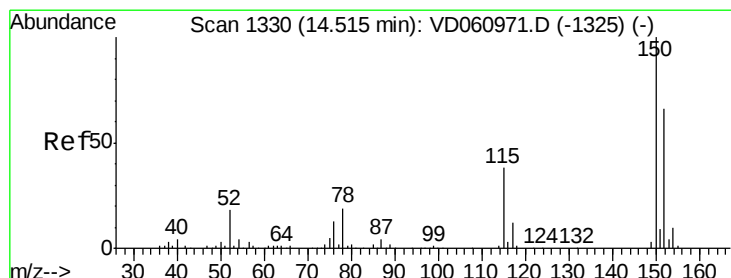
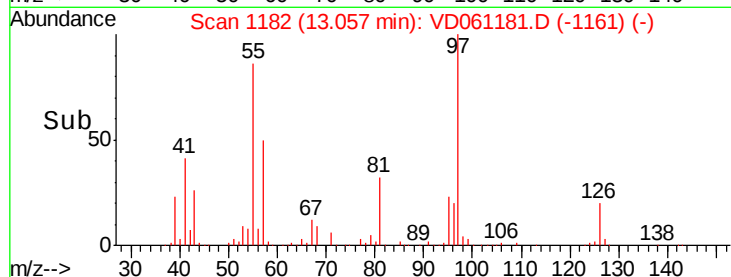
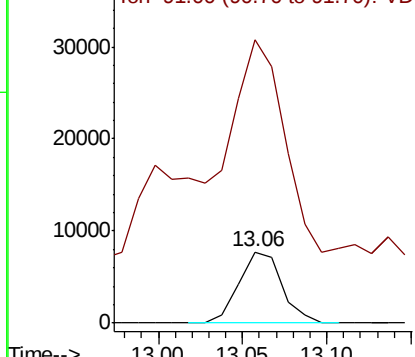
#69
o-Xylene
Concen: 4.390 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

Tgt Ion:106 Resp: 13716
Ion Ratio Lower Upper
106 100
91 395.8 99.8 299.3#

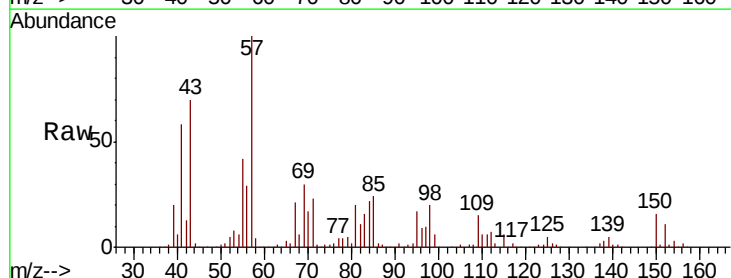


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

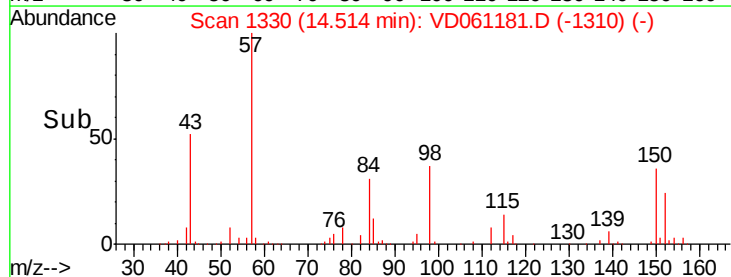
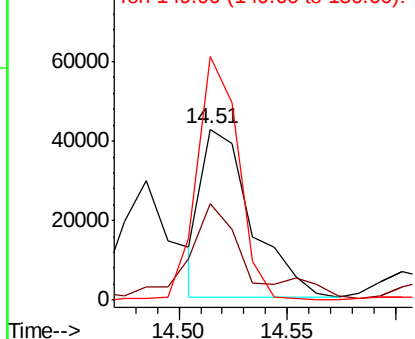


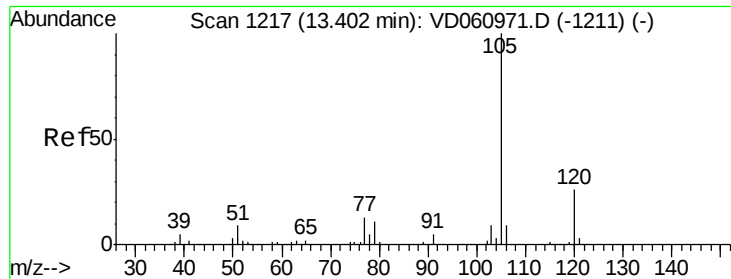
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion:152 Resp: 67325
Ion Ratio Lower Upper
152 100
115 56.6 28.6 85.9
150 142.7 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





#73

Isopropylbenzene

Concen: 768.019 ug/l

RT: 13.42 min Scan# 1219

Delta R.T. 0.02 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

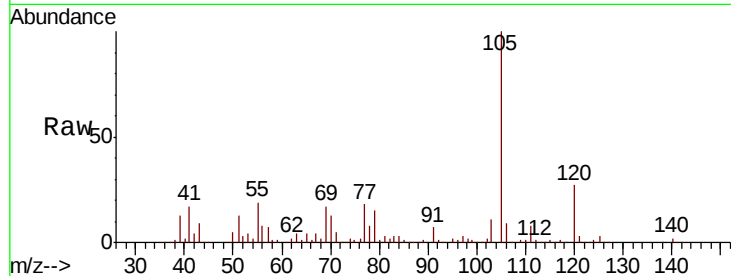
P-3-E.WALL-N.CENTER

Tgt Ion:105 Resp: 3726398

Ion Ratio Lower Upper

105 100

120 26.8 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

2000000

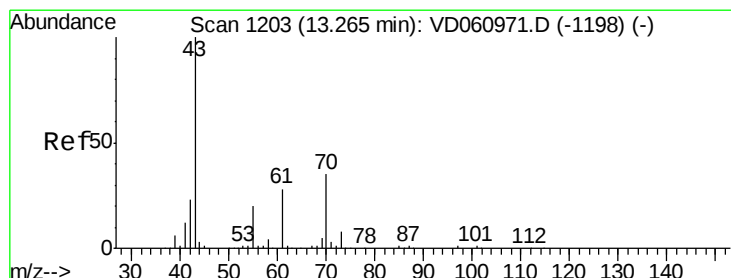
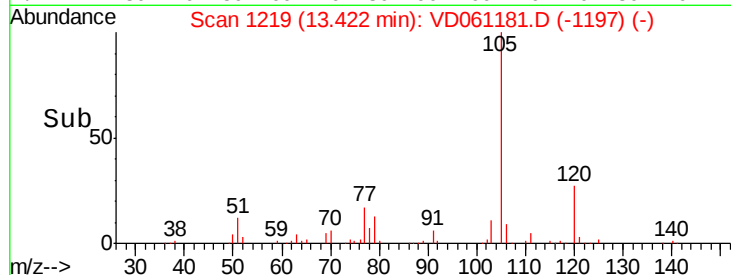
1500000

1000000

500000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 1990.000 ug/l

RT: 13.26 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Tgt Ion: 43 Resp: 2718744

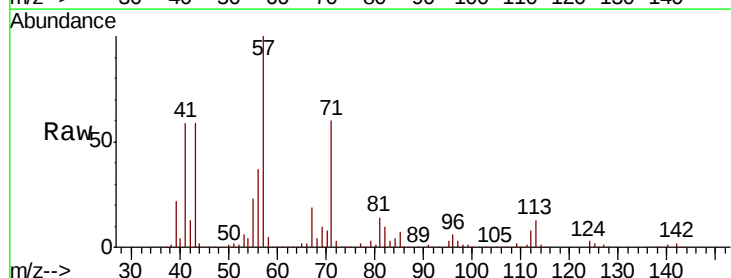
Ion Ratio Lower Upper

43 100

70 13.1 27.7 41.5#

55 38.6 16.2 24.2#

61 0.1 22.3 33.5#



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

2000000

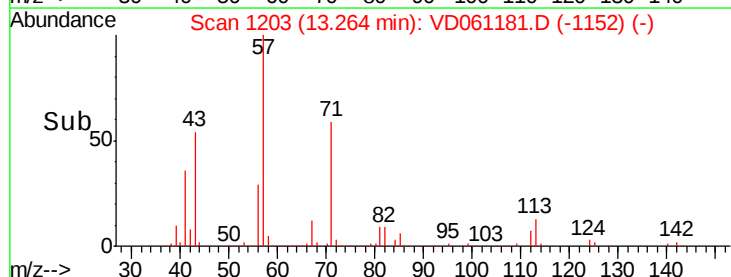
1500000

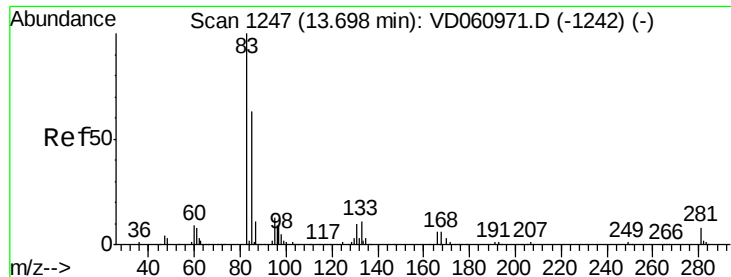
1000000

500000

0

Time--> 13.20 13.25 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 908.349 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.05 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

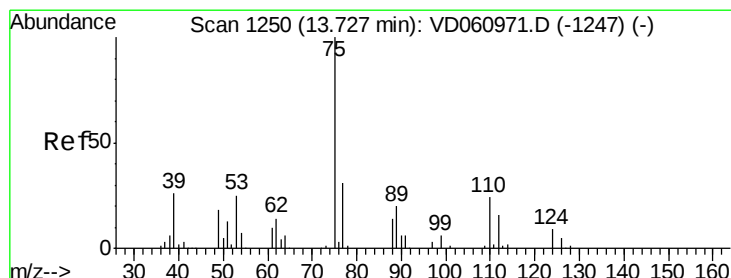
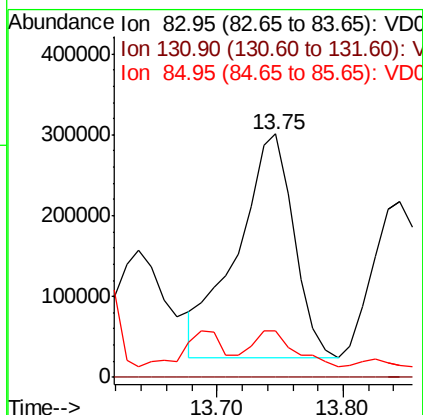
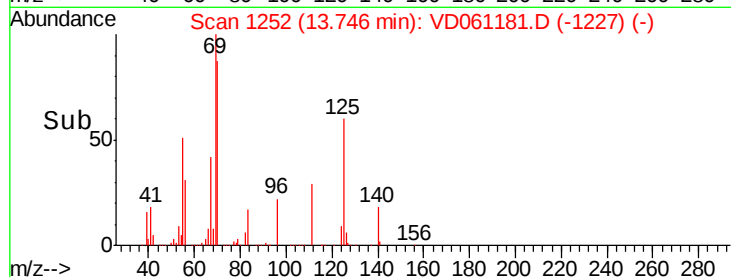
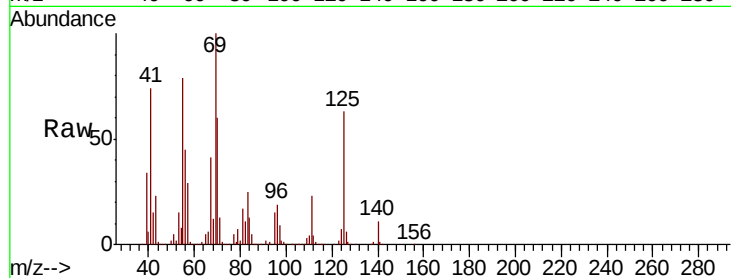
Tgt Ion: 83 Resp: 859888

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 19.3 31.5 94.5#



#76

1,2,3-Trichloropropane

Concen: 54.527 ug/l

RT: 13.80 min Scan# 1257

Delta R.T. 0.07 min

Lab File: VD061181.D

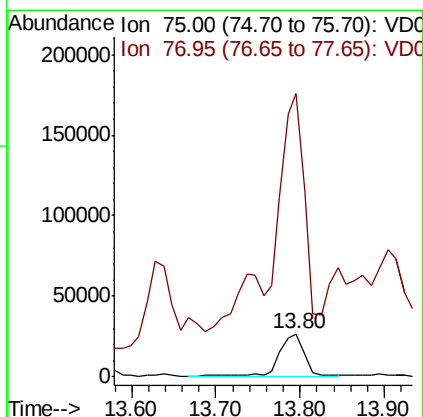
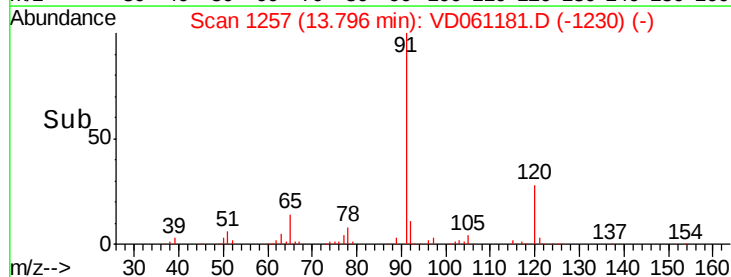
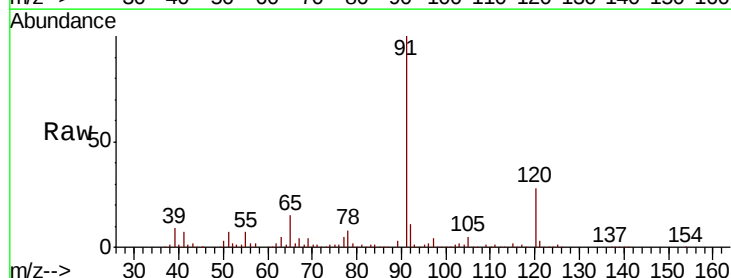
Acq: 19 Mar 2019 13:27

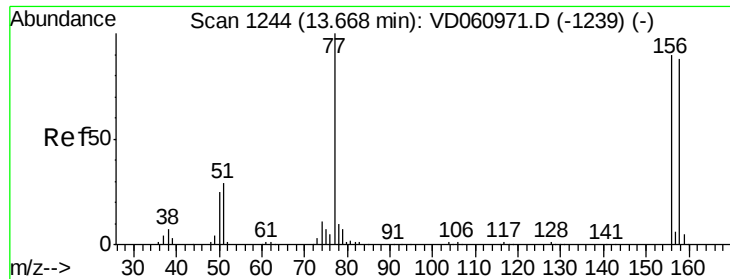
Tgt Ion: 75 Resp: 52814

Ion Ratio Lower Upper

75 100

77 662.2 16.6 49.7#





#77

Bromobenzene

Concen: 1.336 ug/l

RT: 13.75 min Scan# 1252

Delta R.T. 0.08 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

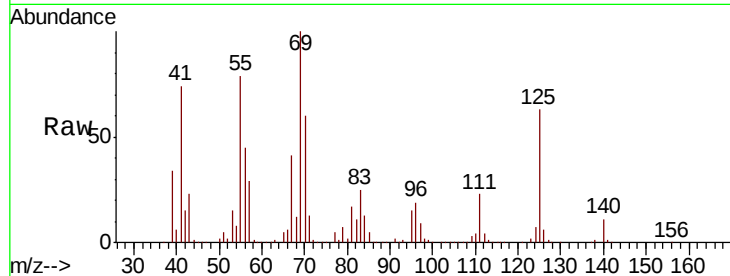
Tgt Ion:156 Resp: 1655

Ion Ratio Lower Upper

156 100

77 6260.4 55.5 166.7#

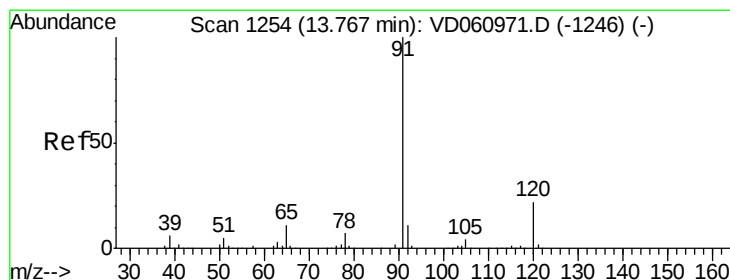
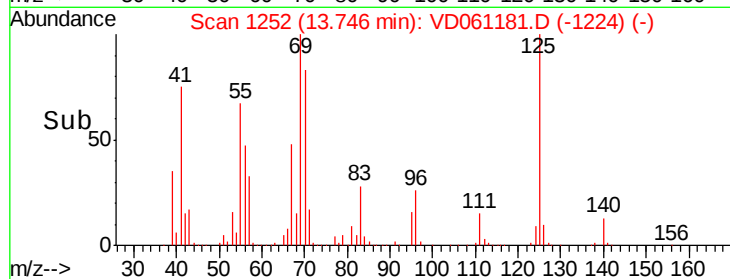
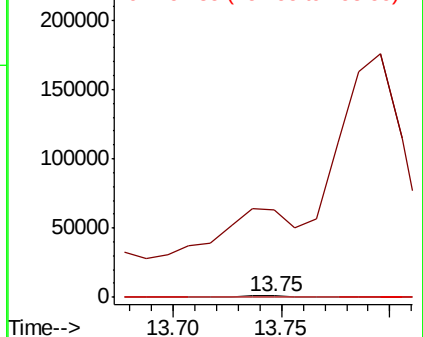
158 0.0 49.0 147.0#



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 1273.385 ug/l

RT: 13.80 min Scan# 1257

Delta R.T. 0.03 min

Lab File: VD061181.D

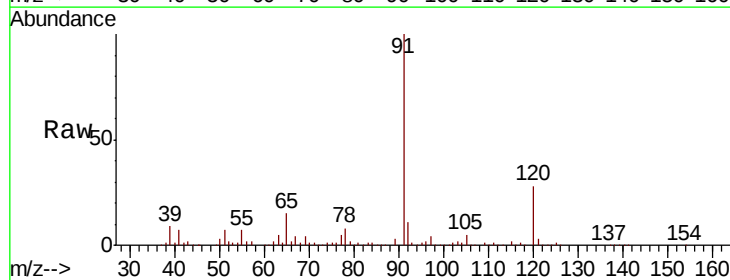
Acq: 19 Mar 2019 13:27

Tgt Ion: 91 Resp: 7233054

Ion Ratio Lower Upper

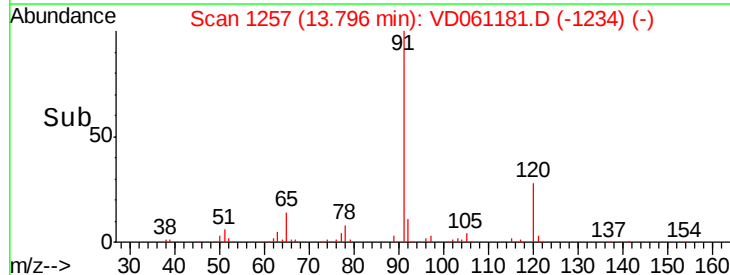
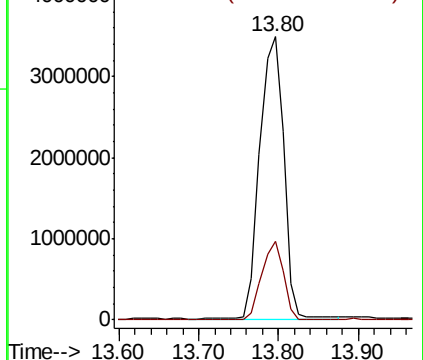
91 100

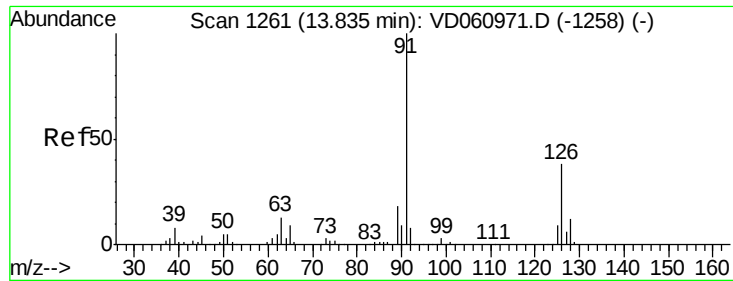
120 27.7 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 2312.967 ug/l

RT: 13.80 min Scan# 1257

Delta R.T. -0.04 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

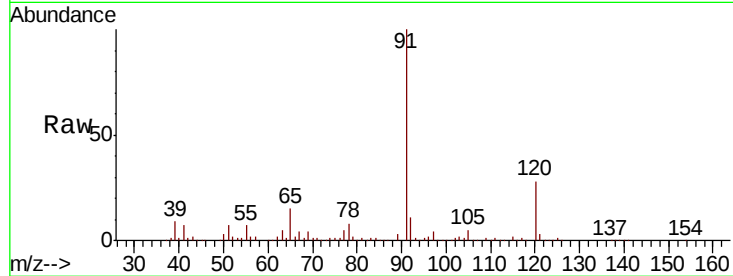
P-3-E.WALL-N.CENTER

Tgt Ion: 91 Resp: 7233054

Ion Ratio Lower Upper

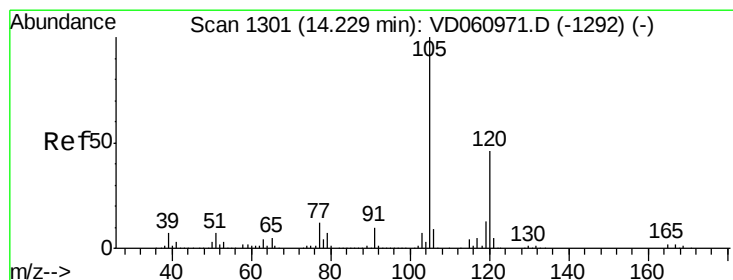
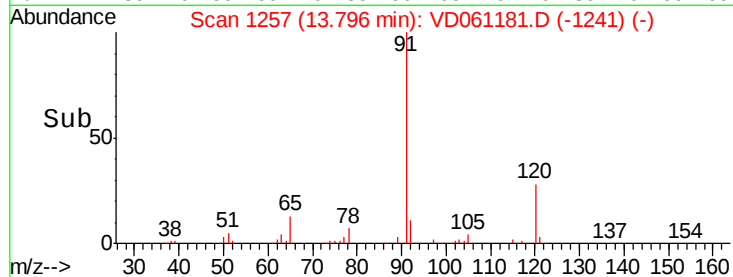
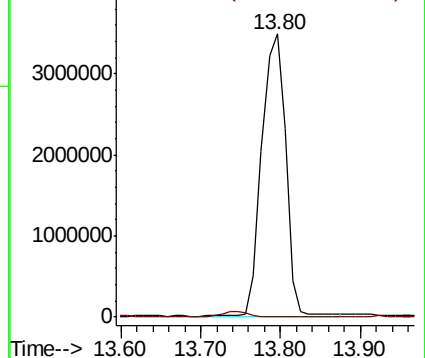
91 100

126 0.1 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: 74.181 ug/l

RT: 14.09 min Scan# 1287

Delta R.T. -0.14 min

Lab File: VD061181.D

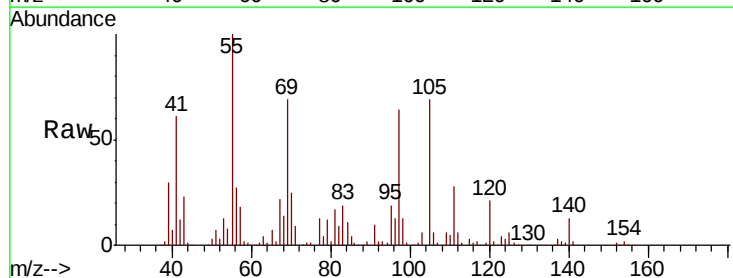
Acq: 19 Mar 2019 13:27

Tgt Ion: 105 Resp: 273240

Ion Ratio Lower Upper

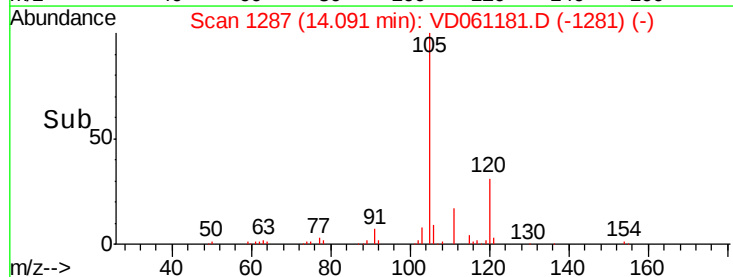
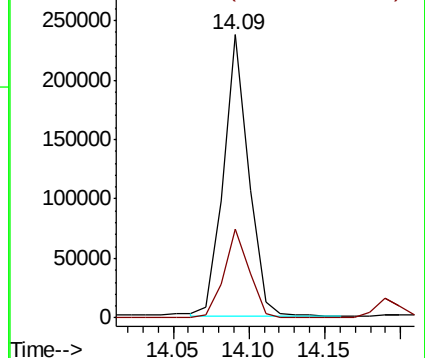
105 100

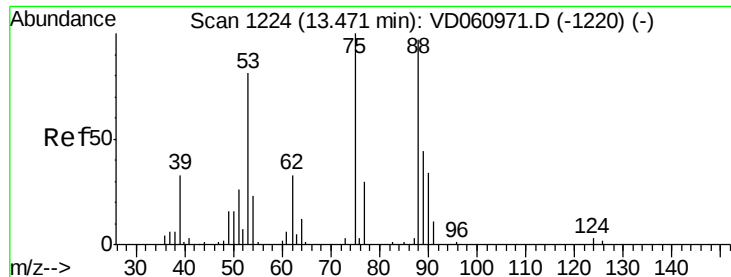
120 31.2 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

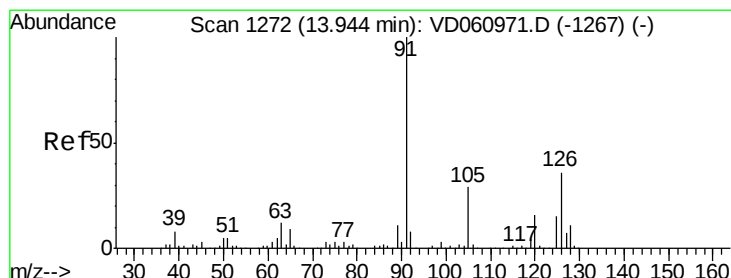
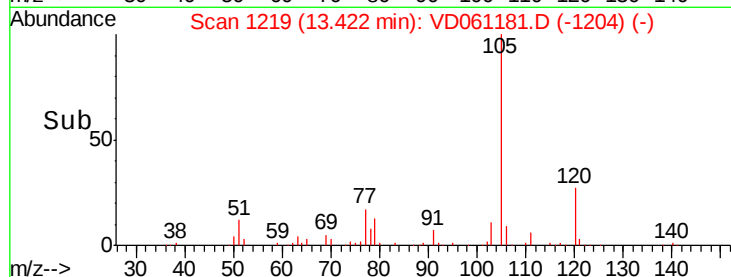
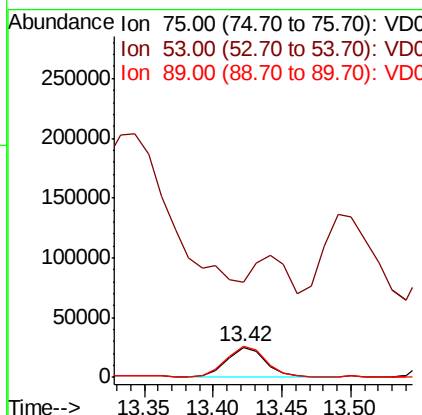
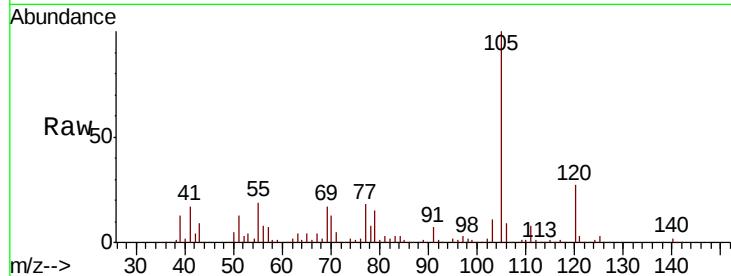




#81
trans-1,4-Dichloro-2-butene
Concen: 167.730 ug/l
RT: 13.42 min Scan# 1219
Delta R.T. -0.05 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

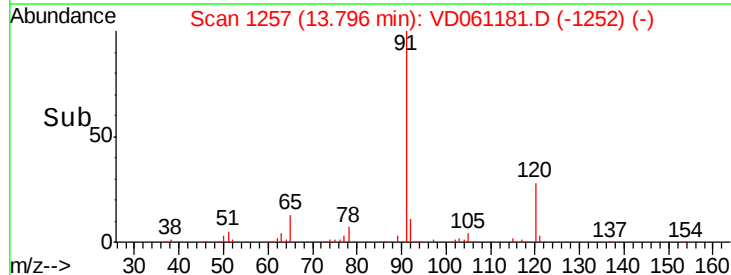
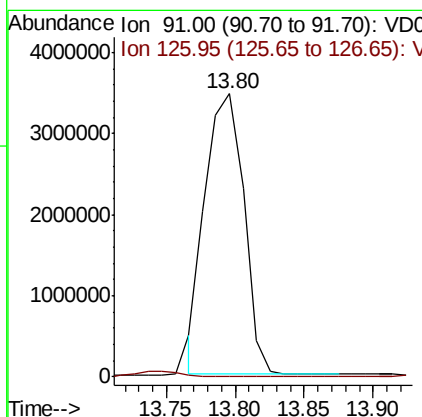
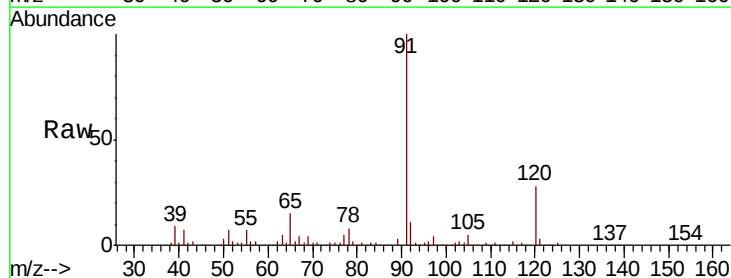
Instrument :
MSVOA_D
ClientSampleId :
P-3-E.WALL-N.CENTER

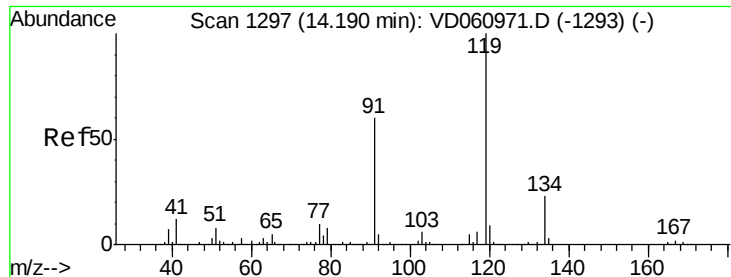
Tgt Ion: 75 Resp: 47897
Ion Ratio Lower Upper
75 100
53 310.1 64.4 96.6#
89 102.9 34.8 52.2#



#82
4-Chlorotoluene
Concen: 1823.733 ug/l
RT: 13.80 min Scan# 1257
Delta R.T. -0.15 min
Lab File: VD061181.D
Acq: 19 Mar 2019 13:27

Tgt Ion: 91 Resp: 6742199
Ion Ratio Lower Upper
91 100
126 0.1 18.0 54.0#

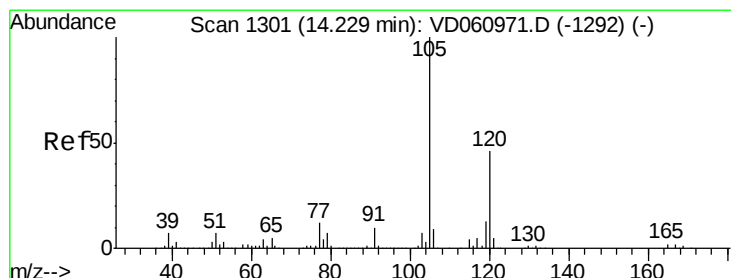
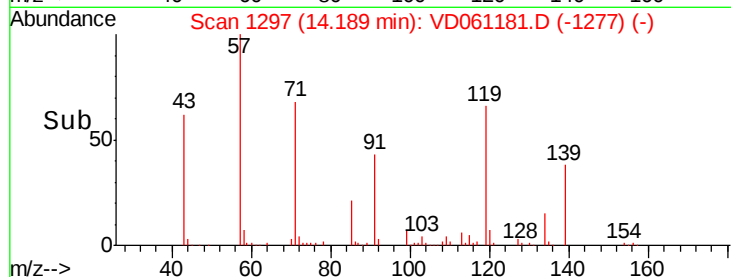
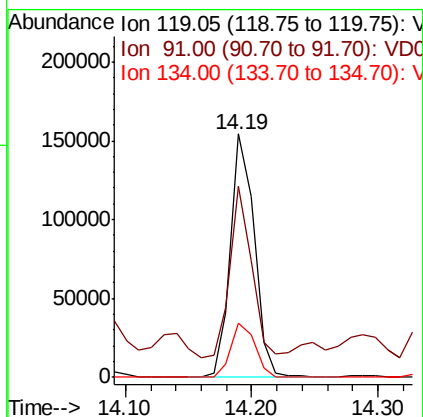
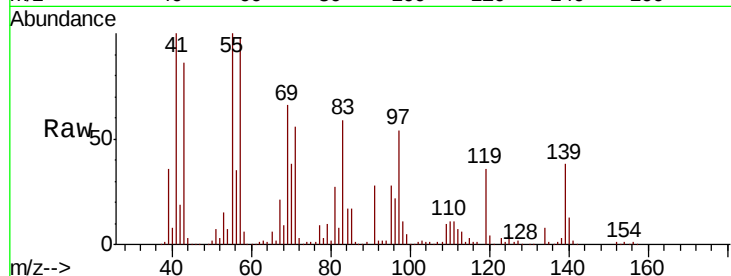




#83
 tert-Butylbenzene
 Concen: 49.795 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

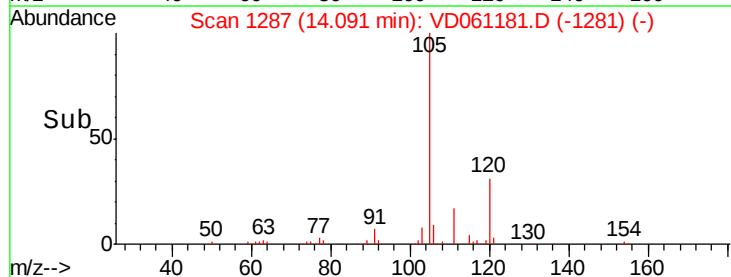
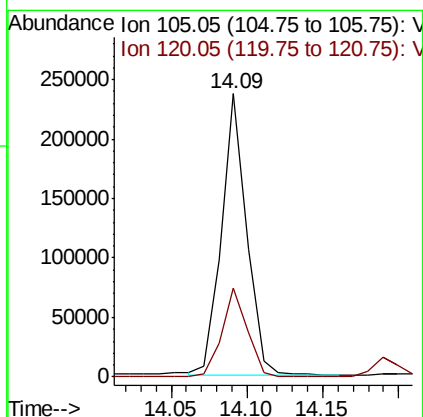
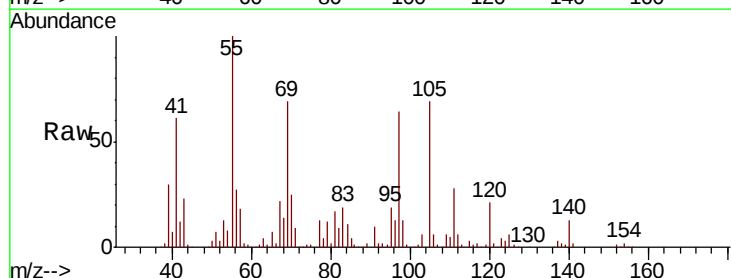
Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

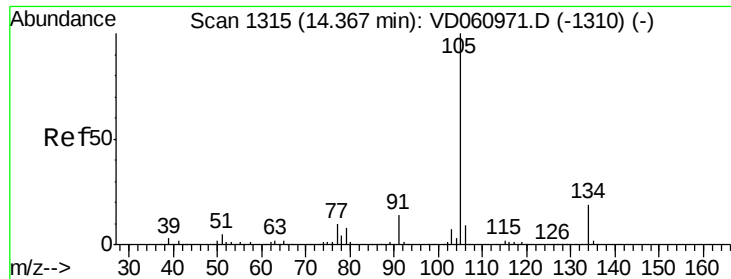
Tgt Ion:119 Resp: 200730
 Ion Ratio Lower Upper
 119 100
 91 78.8 30.1 90.3
 134 22.2 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 74.181 ug/l
 RT: 14.09 min Scan# 1287
 Delta R.T. -0.14 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Tgt Ion:105 Resp: 273240
 Ion Ratio Lower Upper
 105 100
 120 31.2 22.9 68.5

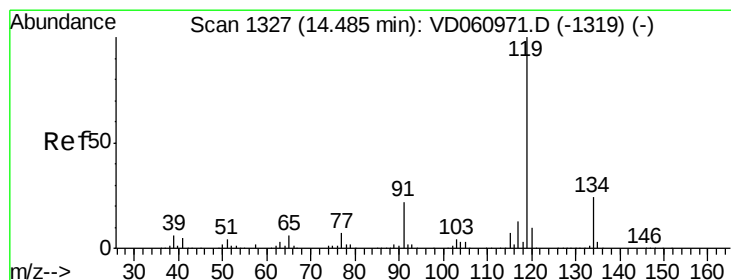
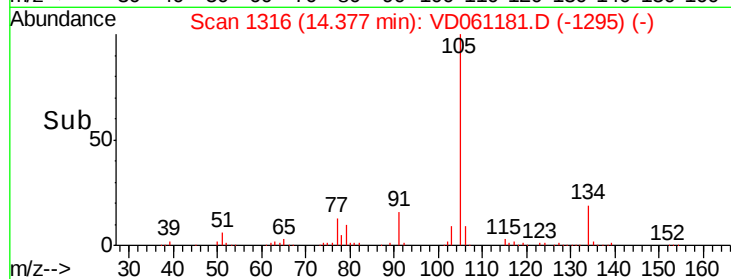
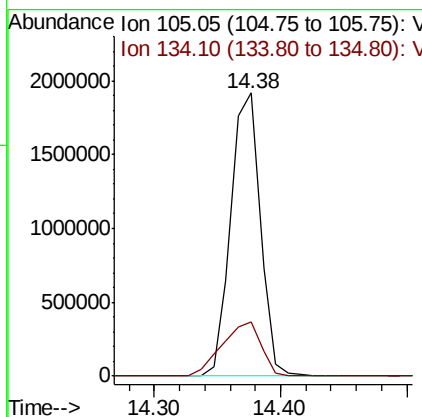
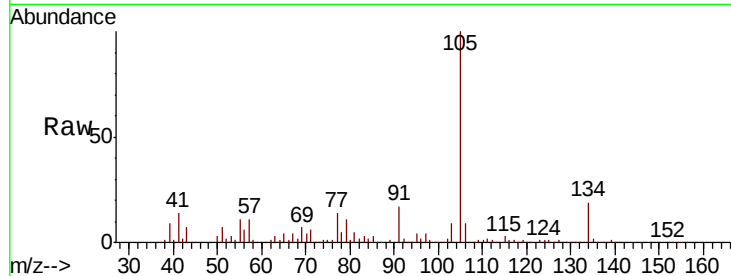




#85
 sec-Butylbenzene
 Concen: 628.324 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

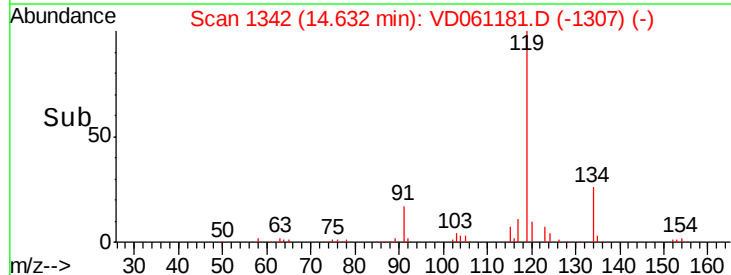
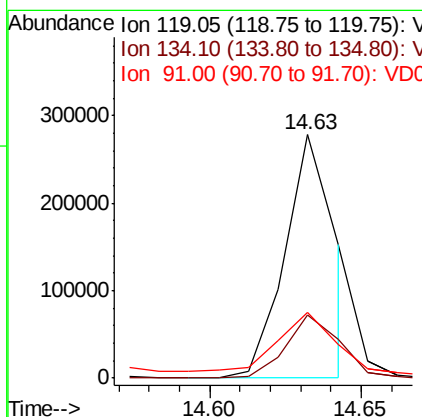
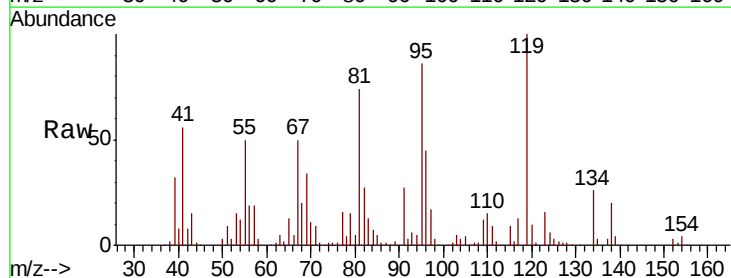
Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

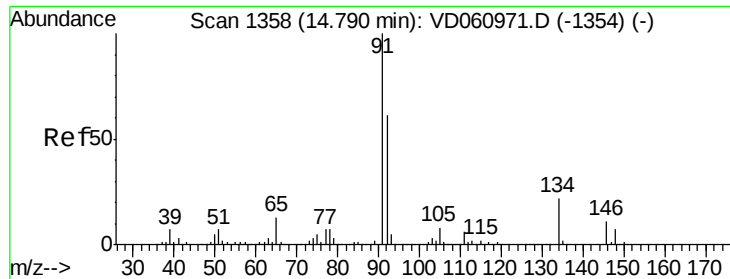
Tgt Ion:105 Resp: 3092103
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 79.381 ug/l
 RT: 14.63 min Scan# 1342
 Delta R.T. 0.15 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Tgt Ion:119 Resp: 319316
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.0 36.1
 91 26.9 11.2 33.6





#89

n-Butylbenzene

Concen: 251.461 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VD061181.D

Acq: 19 Mar 2019 13:27

Instrument :

MSVOA_D

ClientSampleId :

P-3-E.WALL-N.CENTER

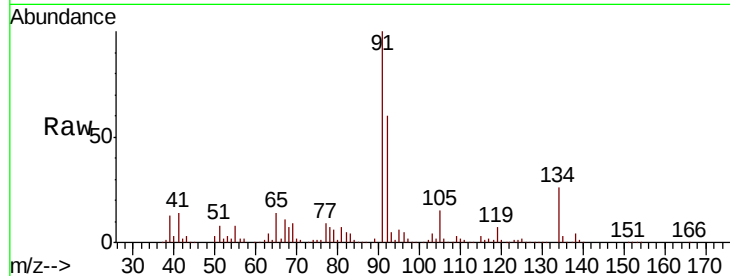
Tgt Ion: 91 Resp: 971382

Ion Ratio Lower Upper

91 100

92 59.8 30.6 91.8

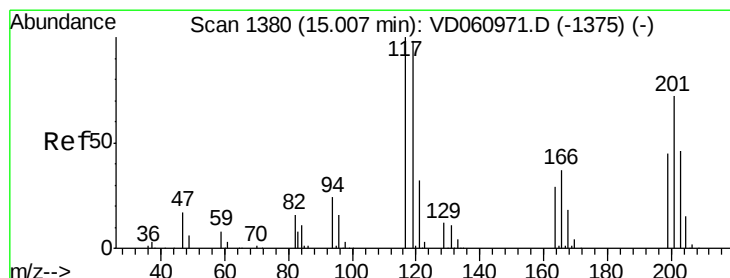
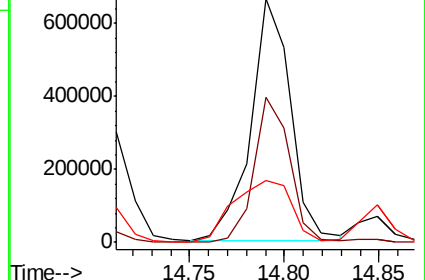
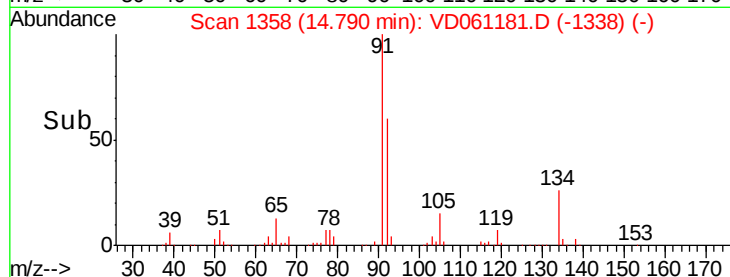
134 25.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 353.331 ug/l

RT: 15.09 min Scan# 1388

Delta R.T. 0.08 min

Lab File: VD061181.D

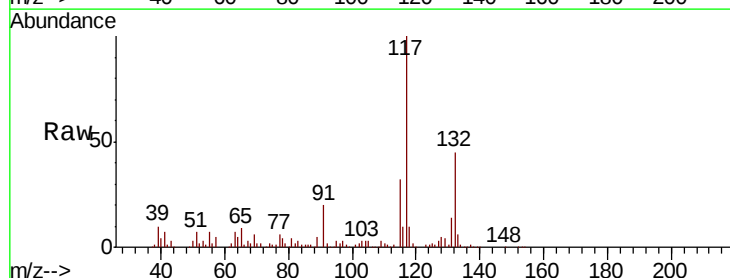
Acq: 19 Mar 2019 13:27

Tgt Ion: 117 Resp: 401336

Ion Ratio Lower Upper

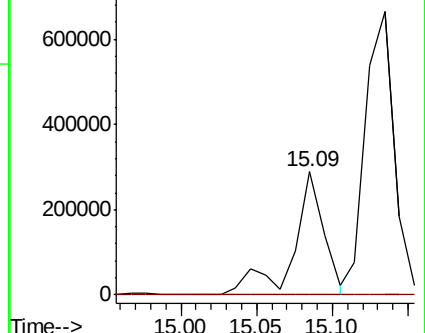
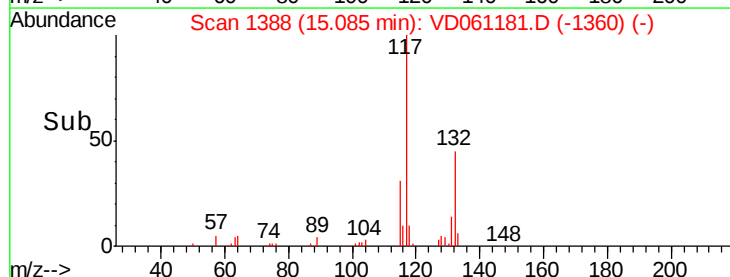
117 100

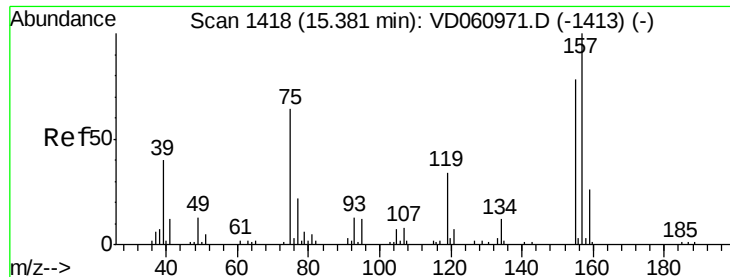
201 0.0 36.2 108.6#



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

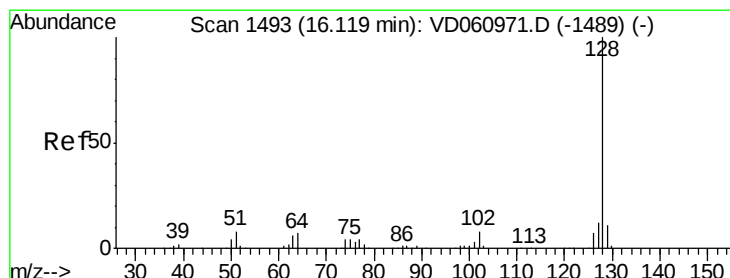
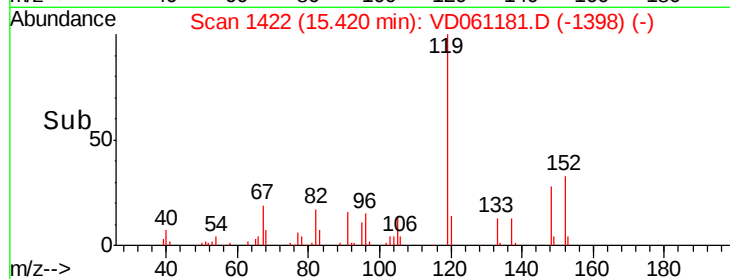
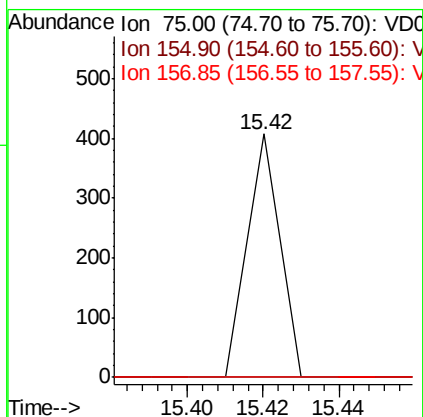
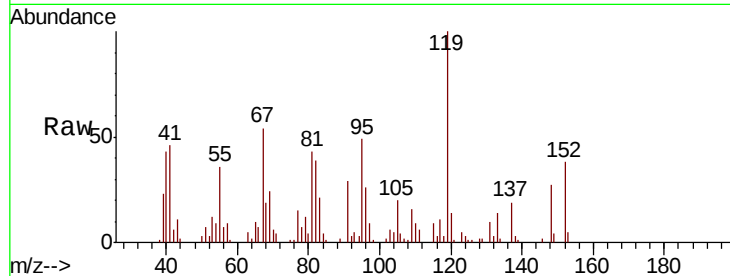




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.113 ug/l
 RT: 15.42 min Scan# 1422
 Delta R.T. 0.04 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Instrument :
 MSVOA_D
 ClientSampleId :
 P-3-E.WALL-N.CENTER

Tgt Ion: 75 Resp: 241
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.2 183.5#
 157 0.0 78.3 234.8#



#95
 Naphthalene
 Concen: 1.083 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VD061181.D
 Acq: 19 Mar 2019 13:27

Tgt Ion: 128 Resp: 1408
 Ion Ratio Lower Upper
 128 100
 127 0.0 9.8 14.8#
 129 0.0 8.5 12.7#

