

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
 Data File : VD061182.D
 Acq On : 19 Mar 2019 13:54
 Operator : VA/AP
 Sample : K1970-04
 Misc : 6.15g/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-E.WALL-S.CENTER

Quant Time: Mar 19 14:42:49 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	7.04	168	607591	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1126760	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	371770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	49935	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	238590	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
35) Dibromofluoromethane	6.91	113	374457	44.78	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	89.56%	
50) Toluene-d8	10.40	98	955716	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	
62) 4-Bromofluorobenzene	13.55	95	355477	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	

Target Compounds						Qvalue
11) Tert butyl alcohol	4.07	59	404	1.255	ug/l #	75
13) Acrolein	3.18	56	2268	4.868	ug/l	93
15) Acrylonitrile	4.23	53	1168	1.026	ug/l #	15
16) Acetone	3.21	43	84290	58.282	ug/l	99
20) Methylene Chloride	3.81	84	38921	1.366	ug/l	97
25) 2-Butanone	6.05	43	19151	11.670	ug/l	97
26) 2,2-Dichloropropane	6.12	77	9052	1.045	ug/l #	50
29) Tetrahydrofuran	6.45	42	2191	2.459	ug/l #	41
31) Cyclohexane	6.95	56	216384	24.178	ug/l	88
36) 1,1-Dichloropropene	7.03	75	45711	4.706	ug/l #	45
37) Ethyl Acetate	6.11	43	8205	1.800	ug/l #	38
38) Carbon Tetrachloride	7.03	117	57706	5.394	ug/l #	15
39) Methylcyclohexane	8.86	83	1591196	157.996	ug/l	94
43) Isopropyl Acetate	9.27	43	344797	54.620	ug/l #	43
45) 1,2-Dichloropropane	8.86	63	15356	2.408	ug/l #	1
48) Methyl methacrylate	9.14	41	146904	41.332	ug/l #	64
51) 4-Methyl-2-Pentanone	10.39	43	305676	79.041	ug/l #	46
55) 1,1,2-Trichloroethane	11.24	97	102449	20.385	ug/l #	67
56) Ethyl methacrylate	11.09	69	487064	92.588	ug/l #	1
59) 2-Hexanone	11.50	43	4219533	1491.582	ug/l #	30
60) Dibromochloromethane	11.65	129	10913	1.475	ug/l	59
65) Chlorobenzene	12.33	112	33154	4.549	ug/l #	53
67) Ethyl Benzene	12.53	91	847743	78.130	ug/l	100
68) m/p-Xylenes	12.53	106	248010	58.236	ug/l #	16
69) o-Xylene	13.05	106	14399	3.440	ug/l #	1
73) Isopropylbenzene	13.42	105	1593633	442.836	ug/l	100
74) N-amyl acetate	13.26	43	2679873	2644.663	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	13.74	83	775106	1103.935	ug/l #	47
76) 1,2,3-Trichloropropane	13.79	75	21035	29.280	ug/l #	1
77) Bromobenzene	13.73	156	1710	1.861	ug/l #	1
78) n-propylbenzene	13.79	91	3044645	722.680	ug/l	94
79) 2-Chlorotoluene	13.79	91	3044645	1312.671	ug/l #	38
80) 1,3,5-Trimethylbenzene	14.10	105	125987	46.115	ug/l	77
81) trans-1,4-Dichloro-2-buten	13.50	75	1169	5.519	ug/l #	1

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 Response via : Initial Calibration

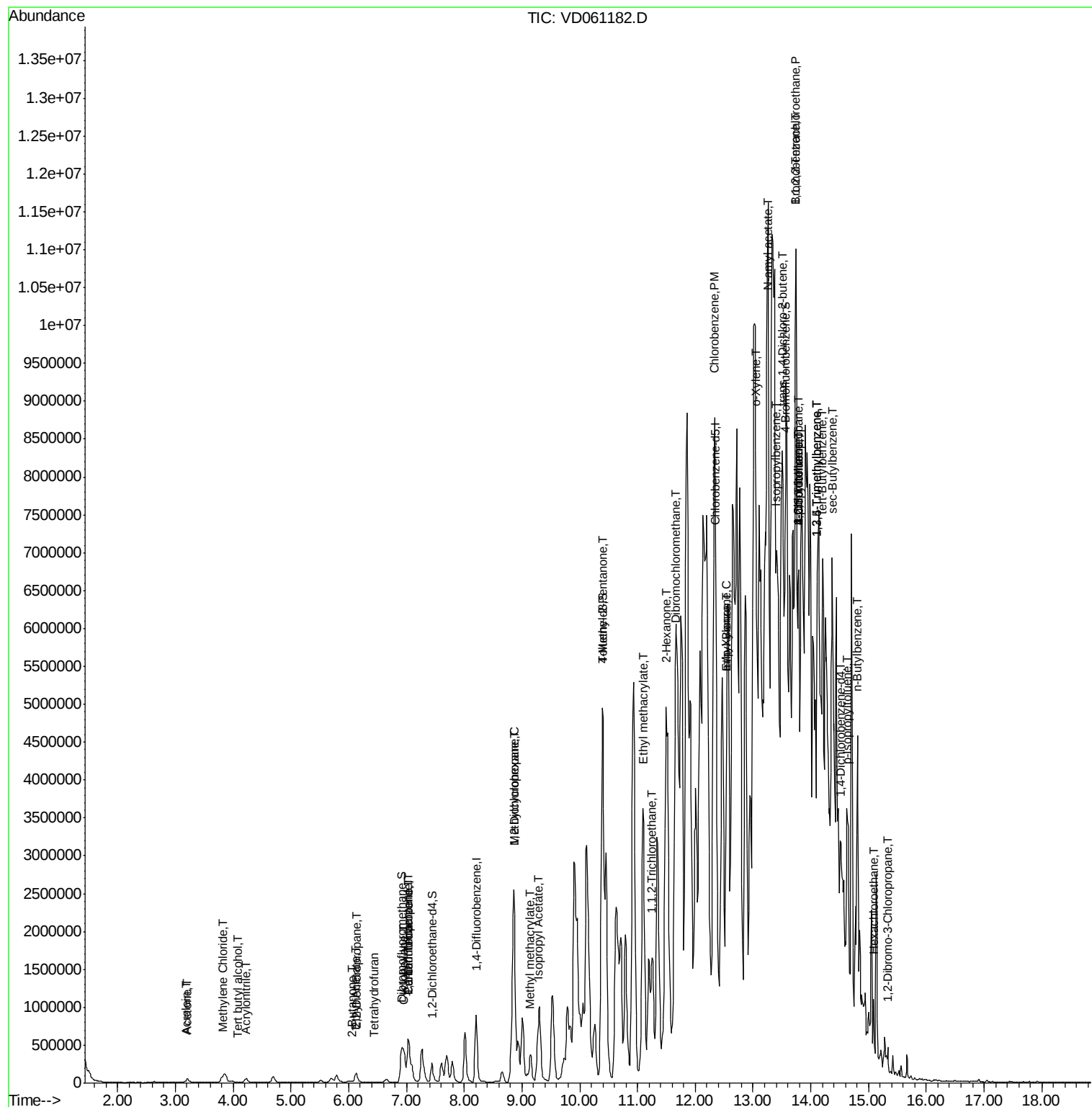
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) 4-Chlorotoluene	13.79	91	2874061	1048.159	ug/l #	39
83) tert-Butylbenzene	14.19	119	154133	51.552	ug/l	86
84) 1,2,4-Trimethylbenzene	14.10	105	125987	46.115	ug/l	77
85) sec-Butylbenzene	14.37	105	2149037	588.769	ug/l	99
86) p-Isopropyltoluene	14.64	119	358648	120.209	ug/l	93
89) n-Butylbenzene	14.80	91	548516	191.444	ug/l	94
90) Hexachloroethane	15.09	117	387255	459.665	ug/l #	13
92) 1,2-Dibromo-3-Chloropropan	15.34	75	578	6.831	ug/l #	1

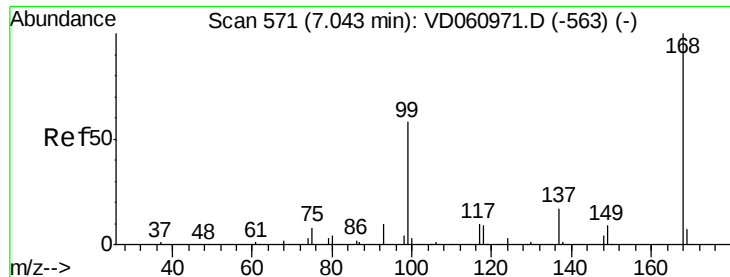
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD031919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

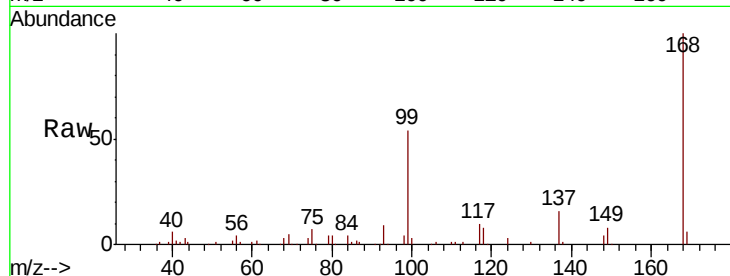
P-4-E.WALL-S.CENTER

Tgt Ion:168 Resp: 607591

Ion Ratio Lower Upper

168 100

99 53.7 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

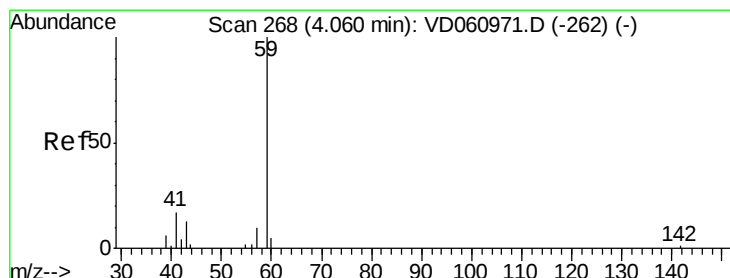
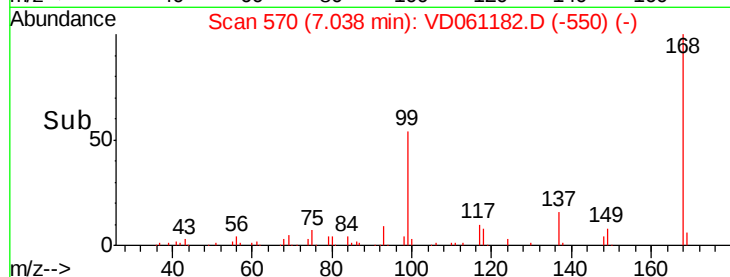
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#11

Tert butyl alcohol

Concen: 1.255 ug/l

RT: 4.07 min Scan# 269

Delta R.T. 0.01 min

Lab File: VD061182.D

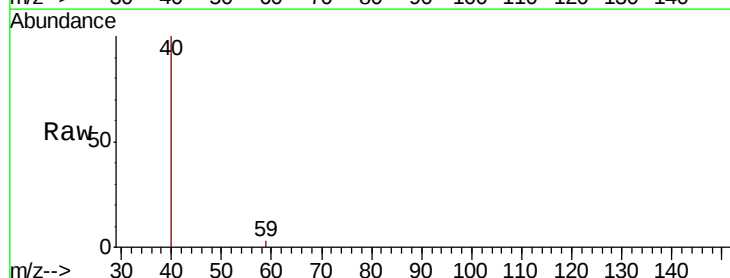
Acq: 19 Mar 2019 13:54

Tgt Ion: 59 Resp: 404

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

800

600

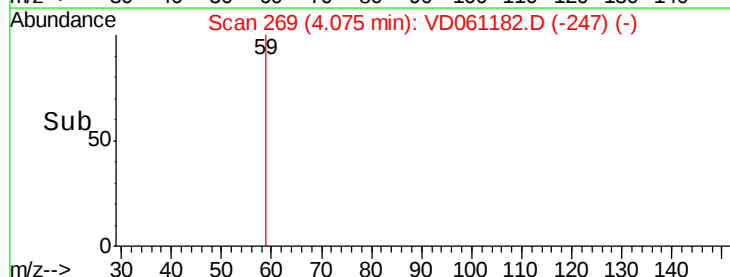
400

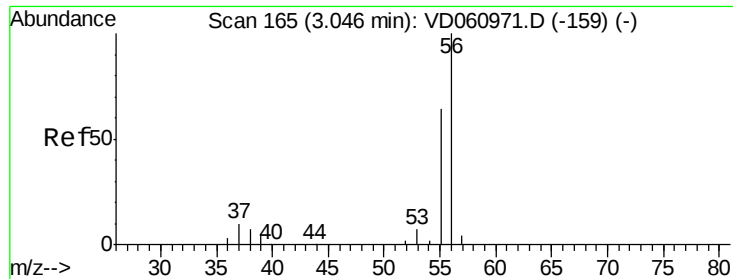
200

0

Time-->

4.04 4.06 4.08 4.10





#13

Acrolein

Concen: 4.868 ug/l

RT: 3.18 min Scan# 178

Delta R.T. 0.13 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

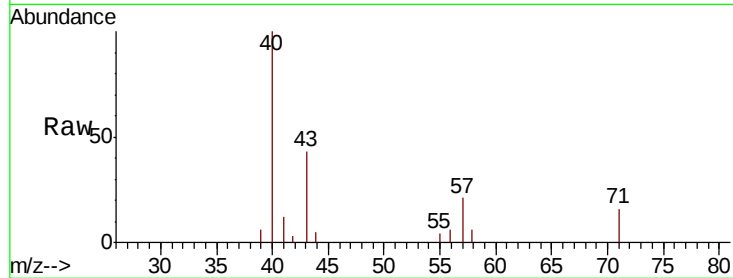
P-4-E.WALL-S.CENTER

Tgt Ion: 56 Resp: 2268

Ion Ratio Lower Upper

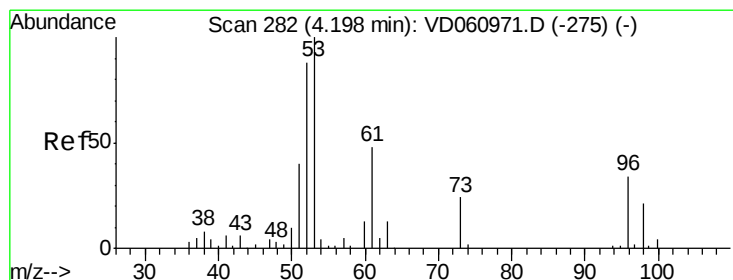
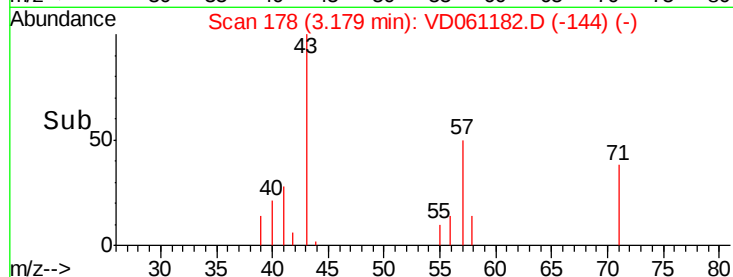
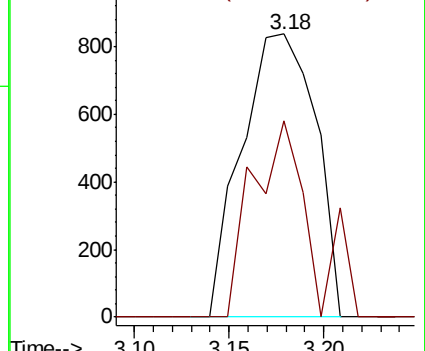
56 100

55 69.4 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#15

Acrylonitrile

Concen: 1.026 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.03 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

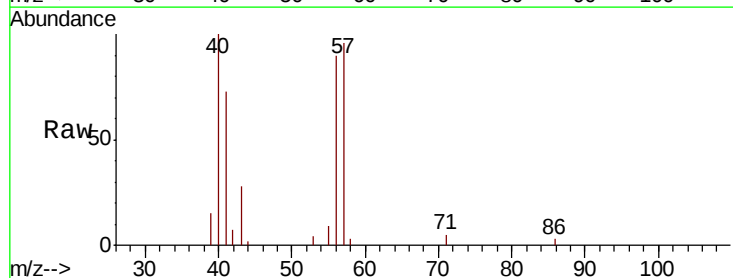
Tgt Ion: 53 Resp: 1168

Ion Ratio Lower Upper

53 100

52 0.0 70.2 105.4#

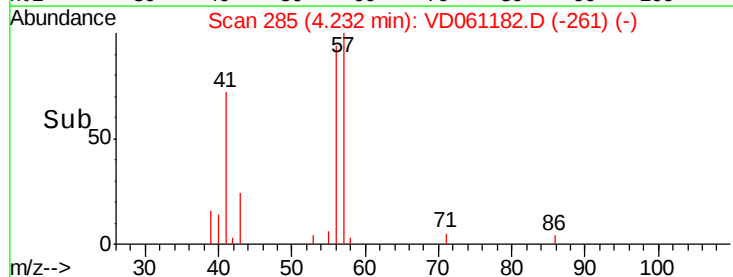
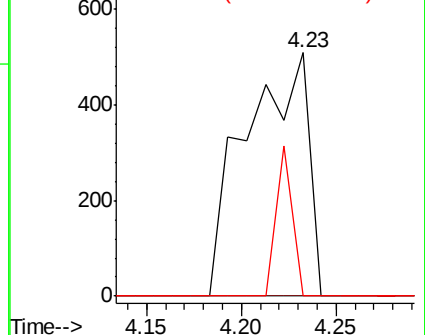
51 0.0 31.7 47.5#

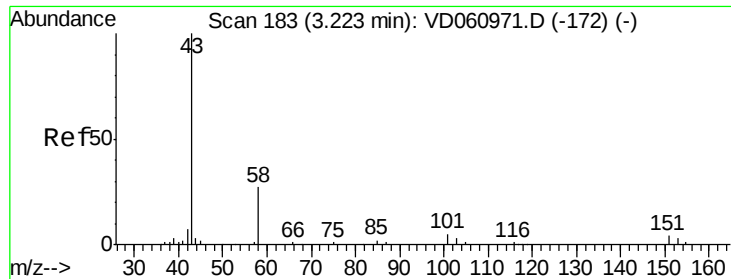


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC





#16

Acetone

Concen: 58.282 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

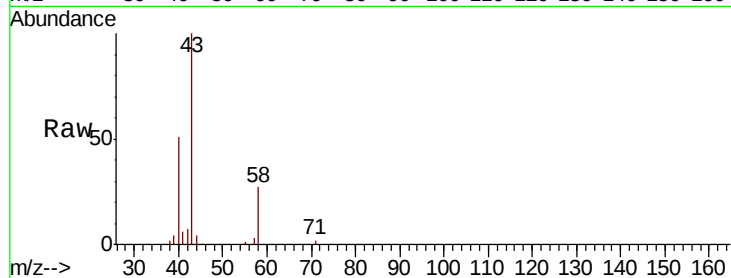
P-4-E.WALL-S.CENTER

Tgt Ion: 43 Resp: 84290

Ion Ratio Lower Upper

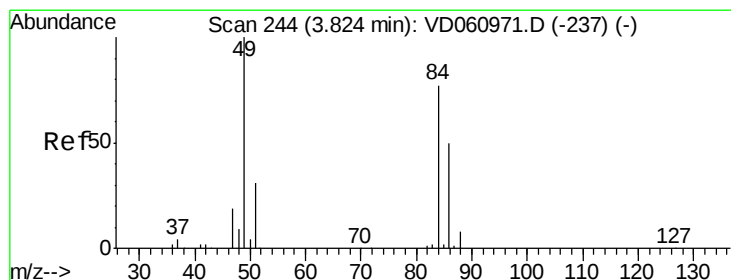
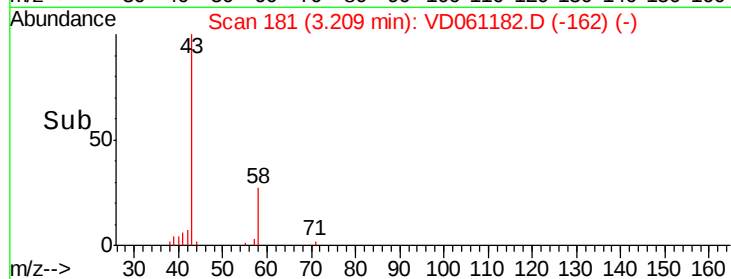
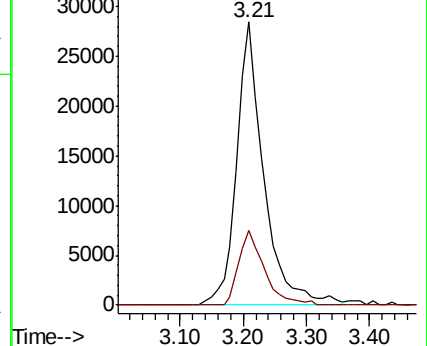
43 100

58 26.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 1.366 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Tgt Ion: 84 Resp: 38921

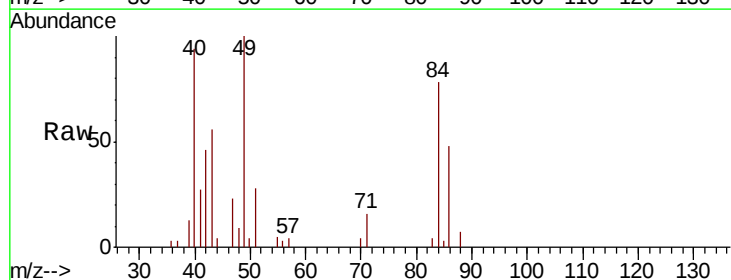
Ion Ratio Lower Upper

84 100

49 128.5 104.2 156.2

51 35.6 32.3 48.5

86 61.8 52.3 78.5

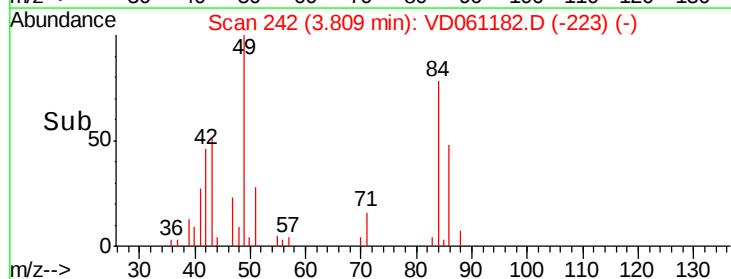
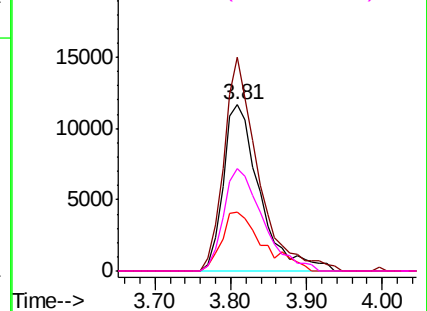


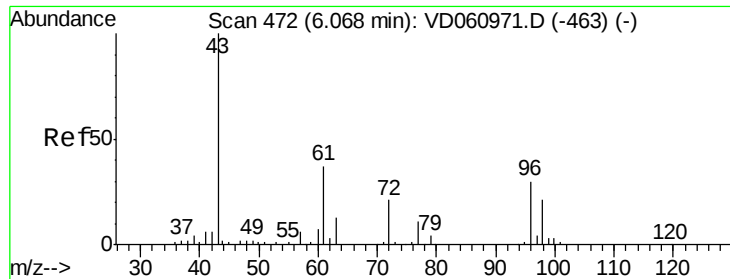
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 11.670 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.01 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

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ClientSampleId :

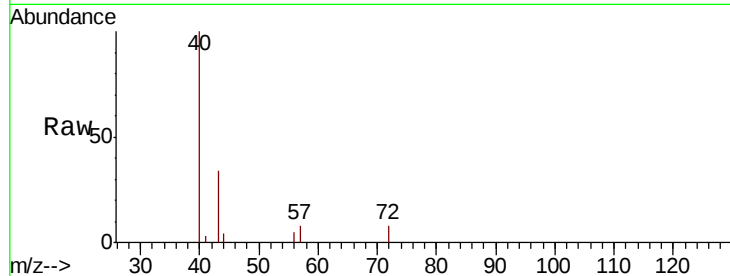
P-4-E.WALL-S.CENTER

Tgt Ion: 43 Resp: 19151

Ion Ratio Lower Upper

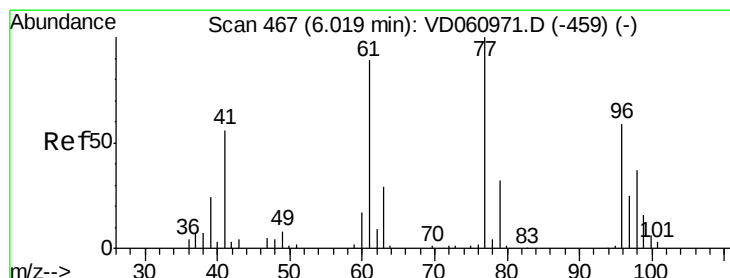
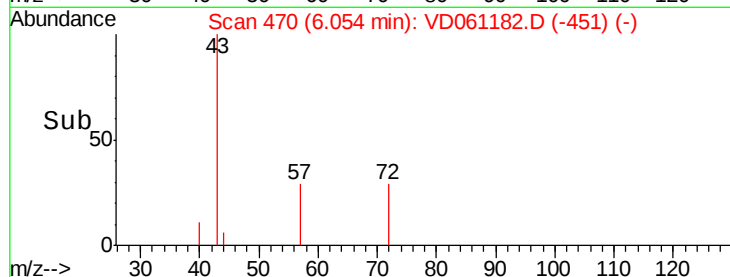
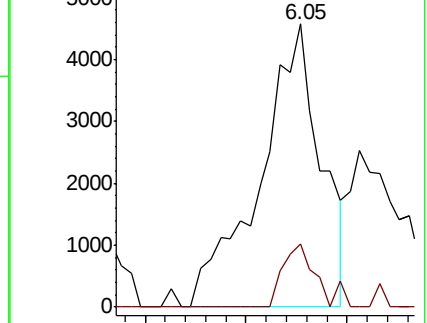
43 100

72 22.2 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: 1.045 ug/l

RT: 6.12 min Scan# 477

Delta R.T. 0.10 min

Lab File: VD061182.D

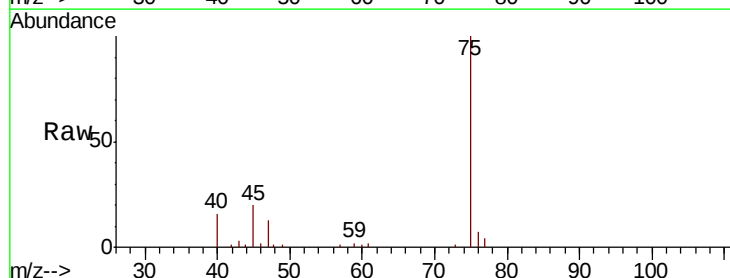
Acq: 19 Mar 2019 13:54

Tgt Ion: 77 Resp: 9052

Ion Ratio Lower Upper

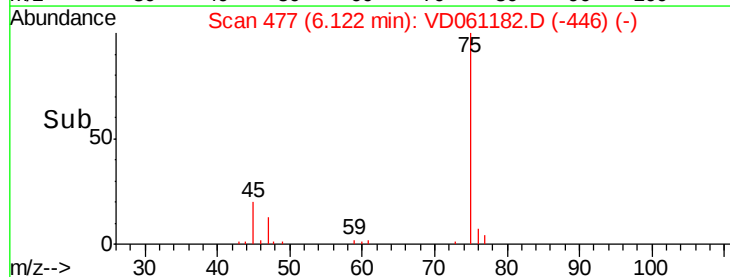
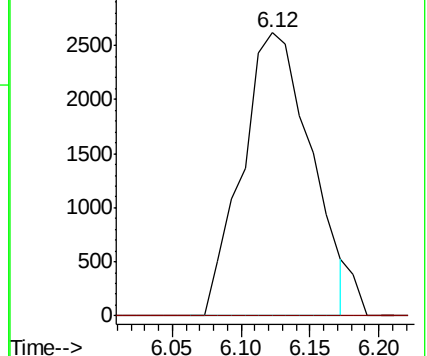
77 100

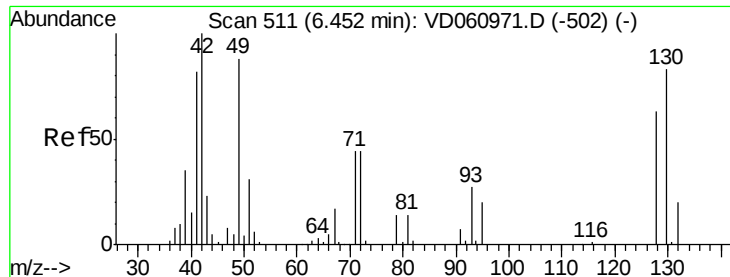
97 0.0 12.6 37.6#



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#29

Tetrahydrofuran

Concen: 2.459 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

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MSVOA_D

ClientSampleId :

P-4-E.WALL-S.CENTER

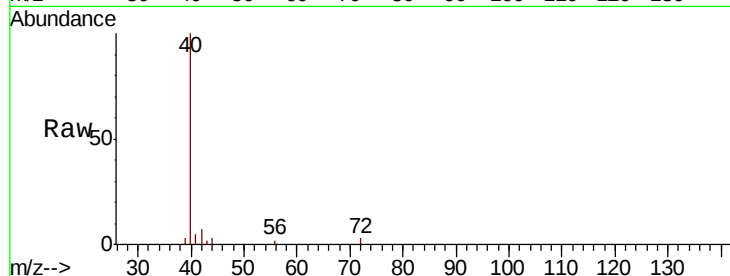
Tgt Ion: 42 Resp: 2191

Ion Ratio Lower Upper

42 100

72 10.4 34.5 51.7#

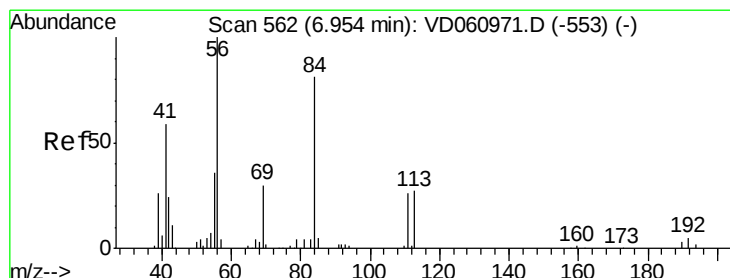
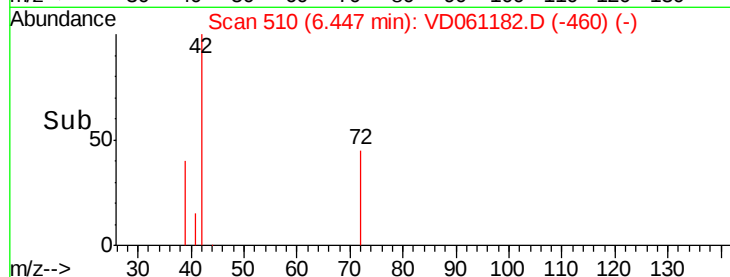
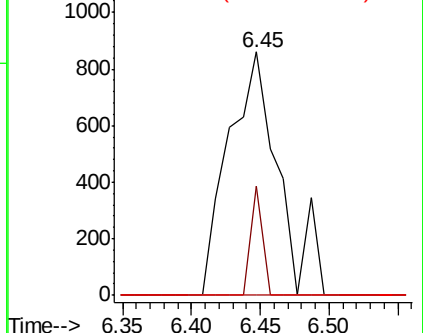
71 0.0 33.8 50.6#



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



#31

Cyclohexane

Concen: 24.178 ug/l

RT: 6.95 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

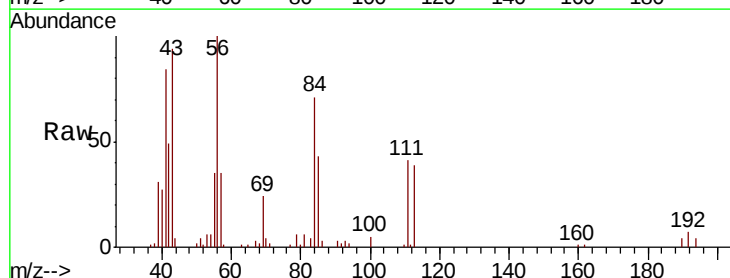
Tgt Ion: 56 Resp: 216384

Ion Ratio Lower Upper

56 100

69 24.4 24.0 36.0

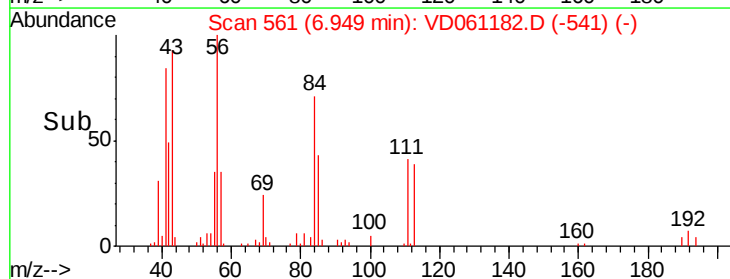
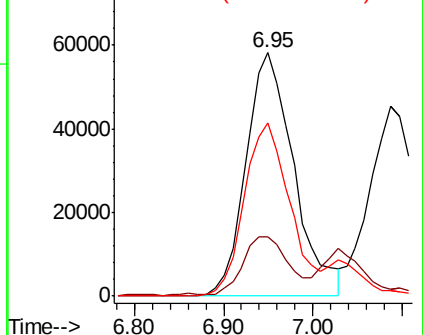
84 71.3 65.8 98.6

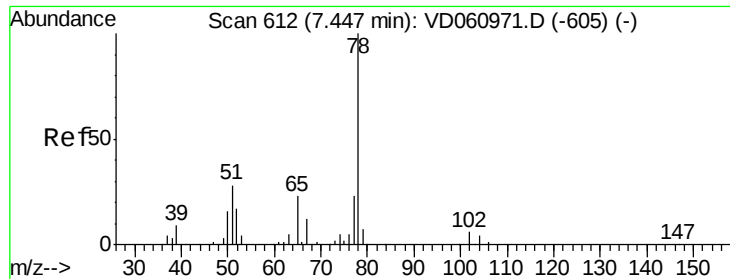


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC

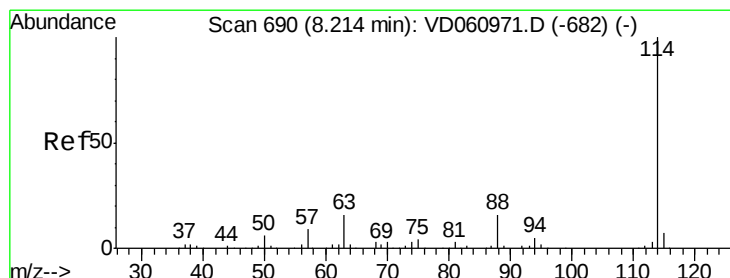
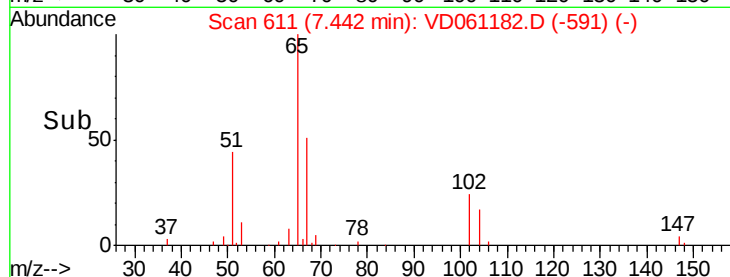
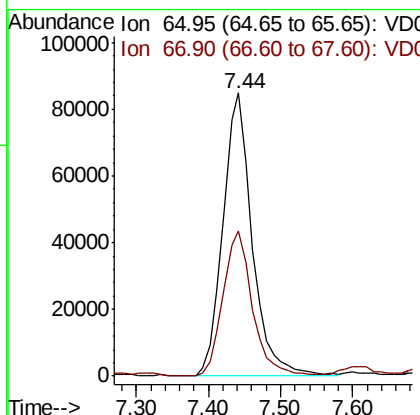
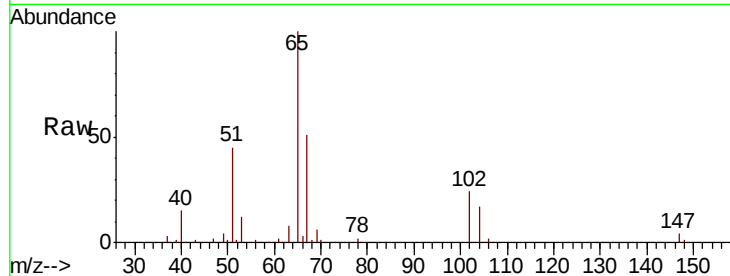




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

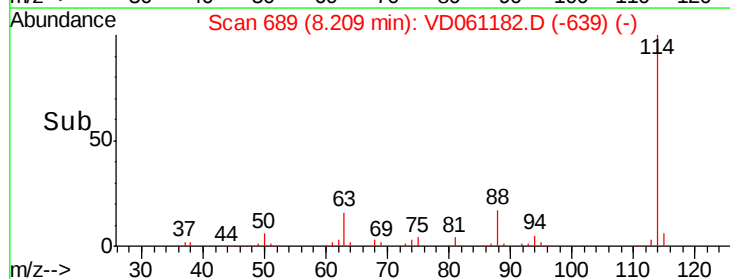
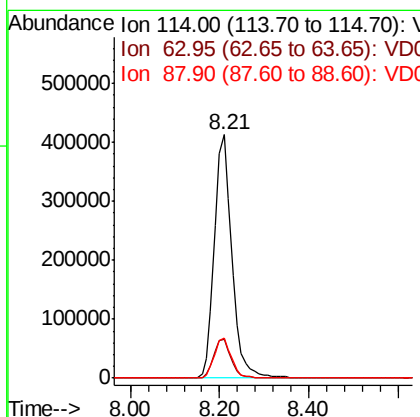
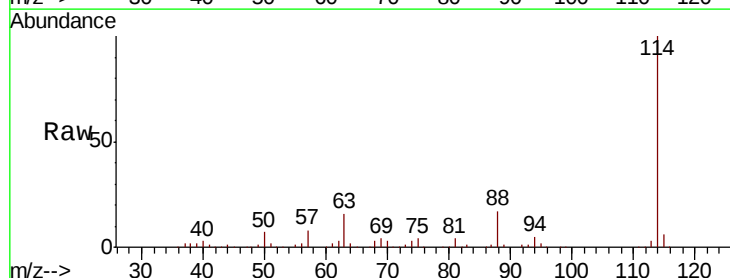
Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-E.WALL-S.CENTER

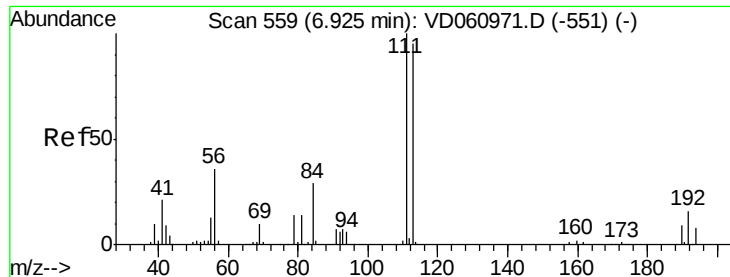
Tgt Ion: 65 Resp: 238590
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Tgt Ion: 114 Resp: 1126760
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.4
 88 16.5 0.0 33.0

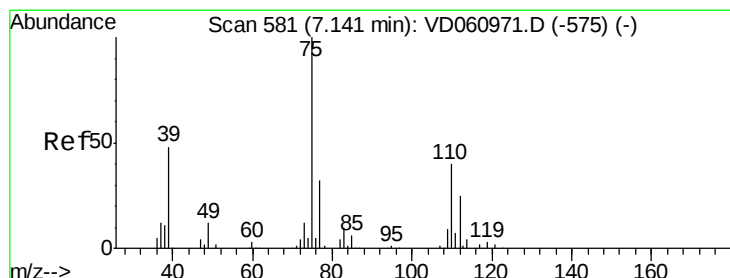
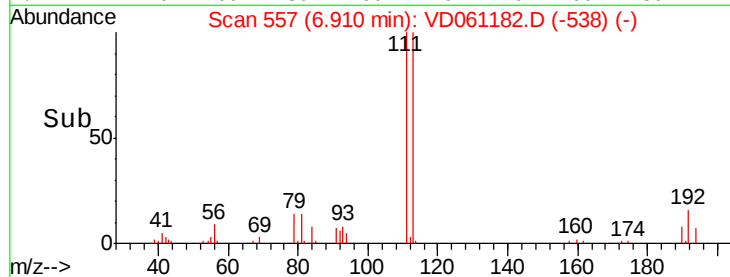
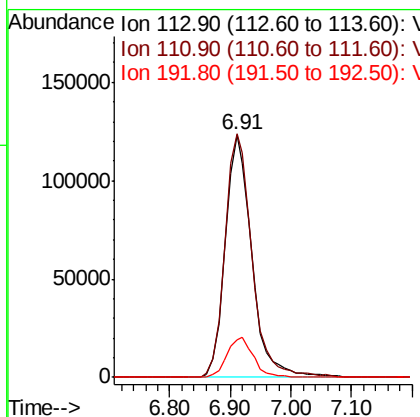
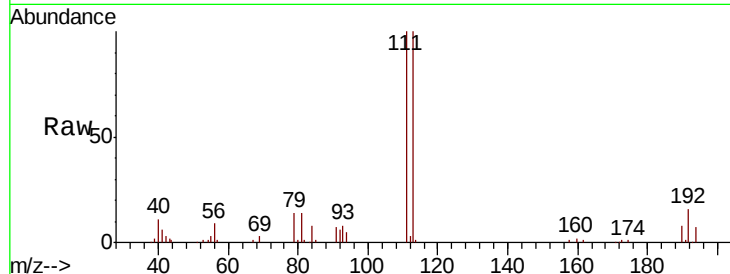




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

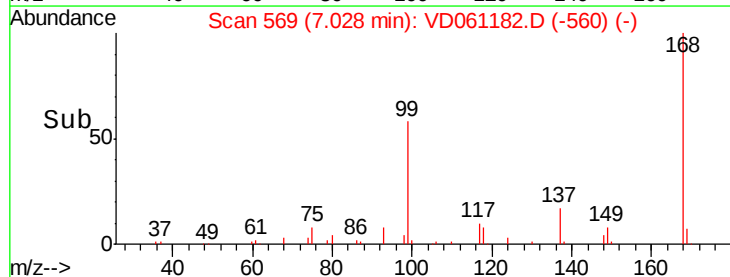
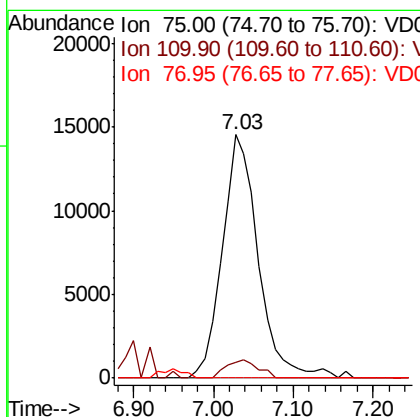
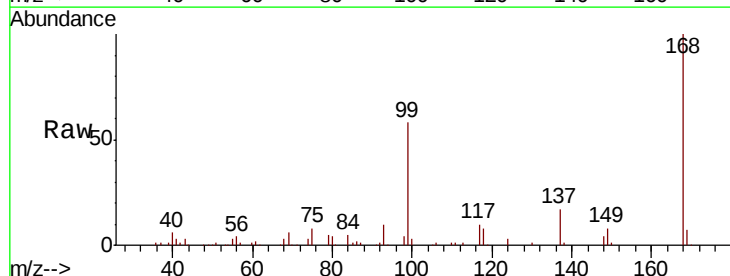
Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-E.WALL-S.CENTER

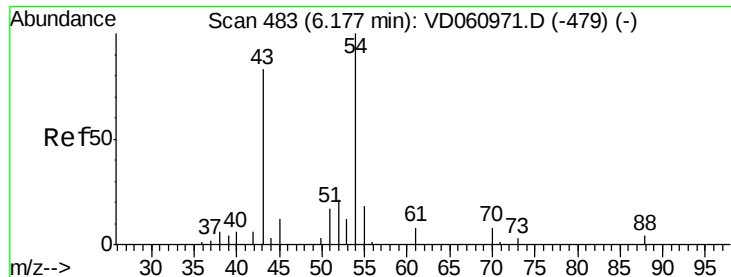
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.2	84.2	126.4
192	15.6	13.1	19.7



#36
 1,1-Dichloropropene
 Concen: 4.706 ug/l
 RT: 7.03 min Scan# 569
 Delta R.T. -0.11 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.5	19.7	59.1#
77	0.0	24.7	37.1#

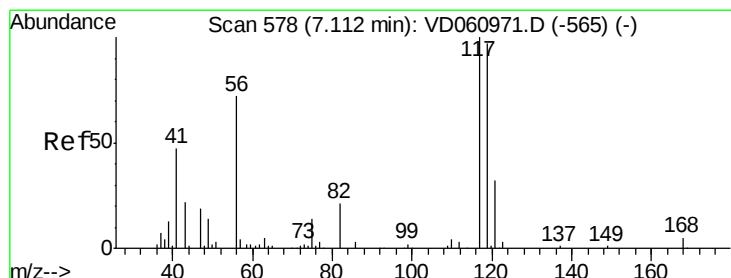
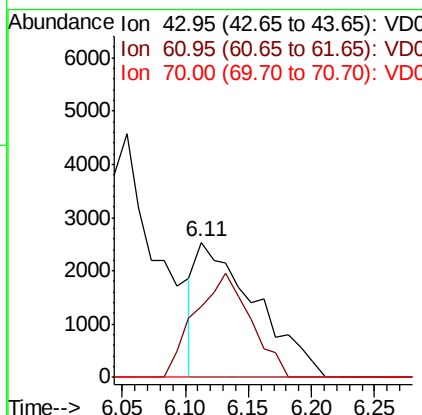
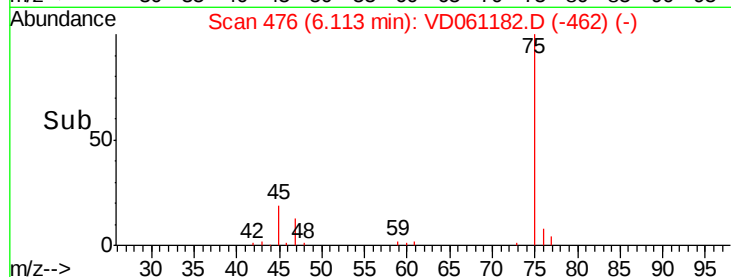
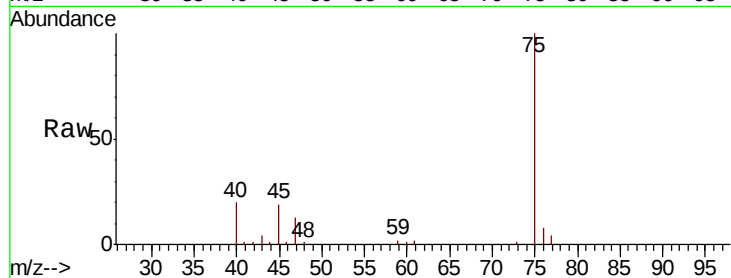




#37
Ethyl Acetate
Concen: 1.800 ug/l
RT: 6.11 min Scan# 476
Delta R.T. -0.06 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

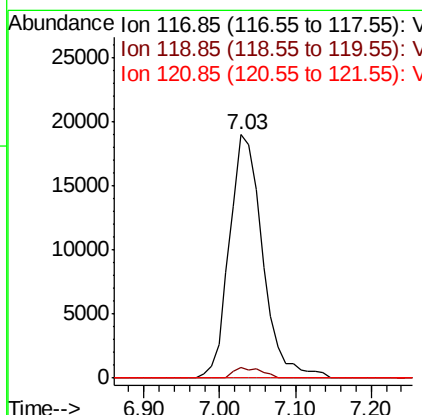
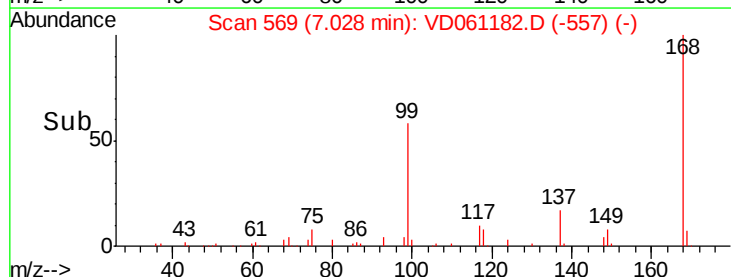
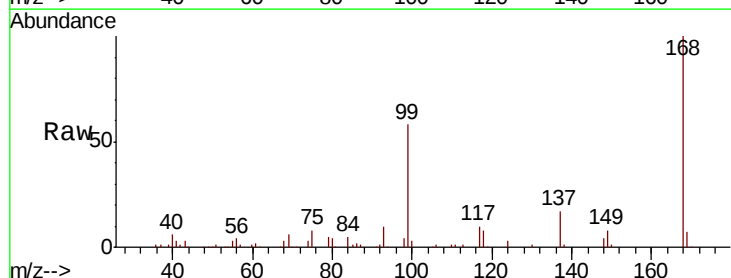
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

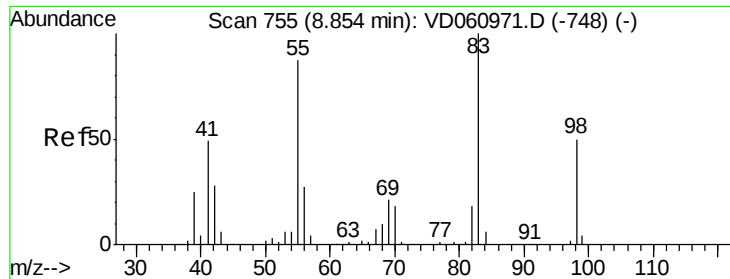
Tgt Ion: 43 Resp: 8205
Ion Ratio Lower Upper
43 100
61 52.8 13.7 20.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.394 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.08 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 117 Resp: 57706
Ion Ratio Lower Upper
117 100
119 4.1 77.8 116.8#
121 0.0 25.3 37.9#

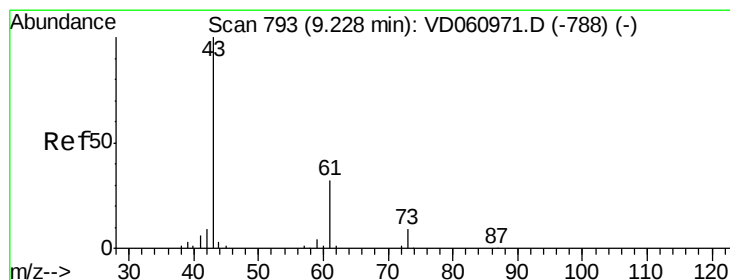
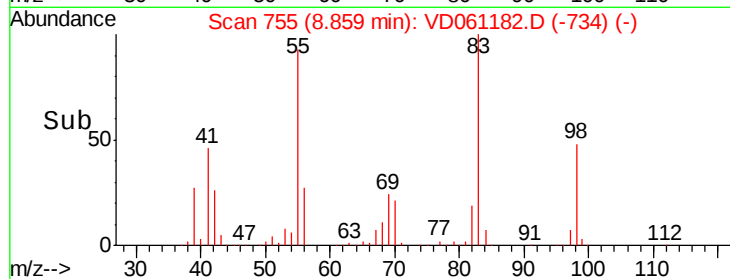
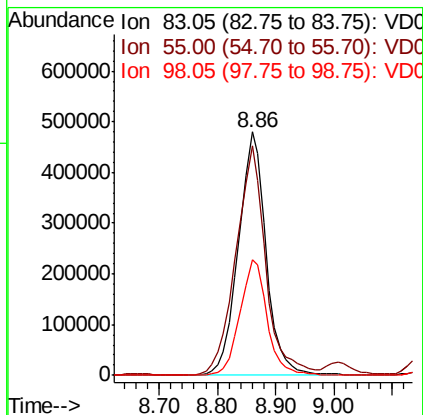
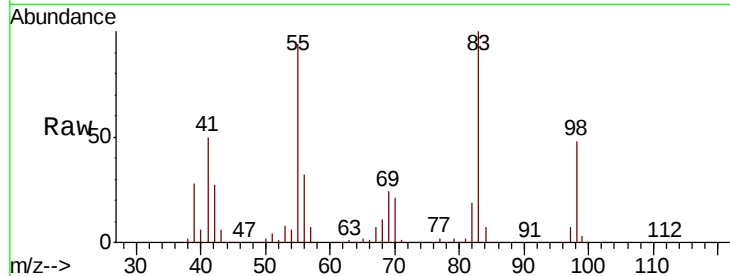




#39
Methylcyclohexane
Concen: 157.996 ug/l
RT: 8.86 min Scan# 755
Delta R.T. 0.00 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

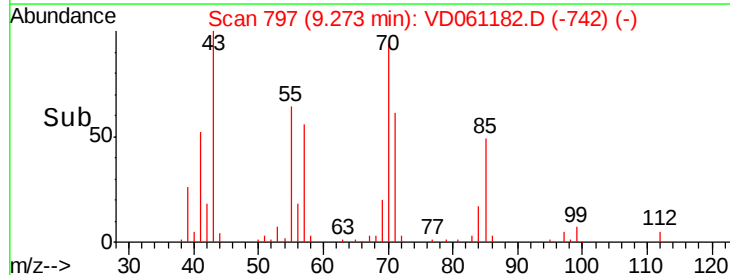
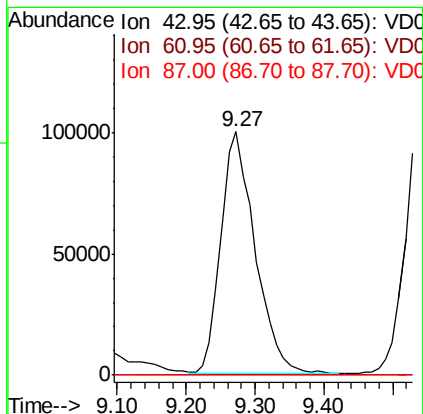
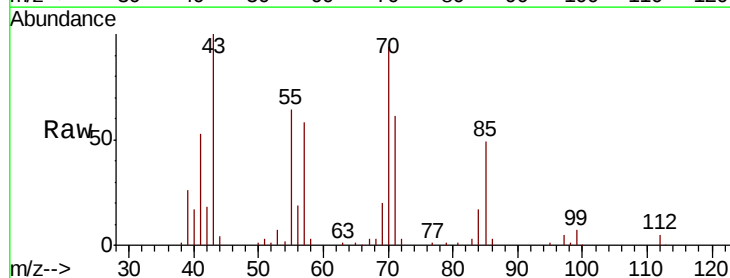
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

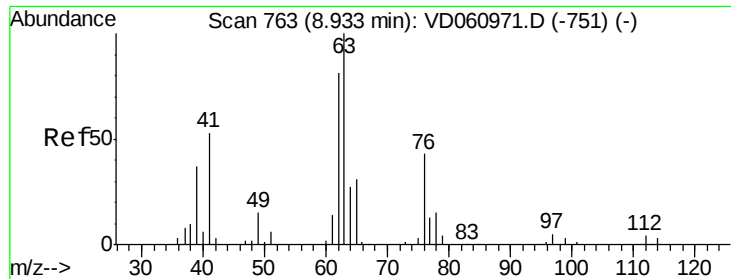
Tgt Ion: 83 Resp: 1591196
Ion Ratio Lower Upper
83 100
55 94.1 69.6 104.4
98 47.7 40.0 60.0



#43
Isopropyl Acetate
Concen: 54.620 ug/l
RT: 9.27 min Scan# 797
Delta R.T. 0.04 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 43 Resp: 344797
Ion Ratio Lower Upper
43 100
61 0.0 25.6 38.4#
87 0.0 0.2 0.4#

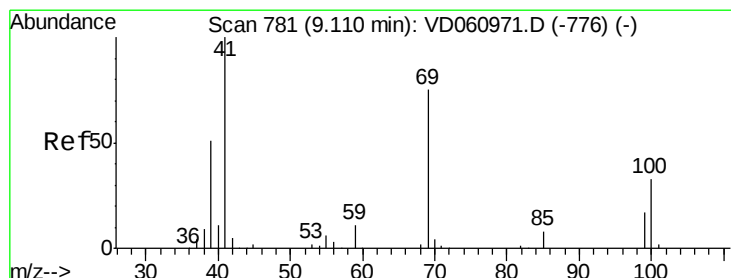
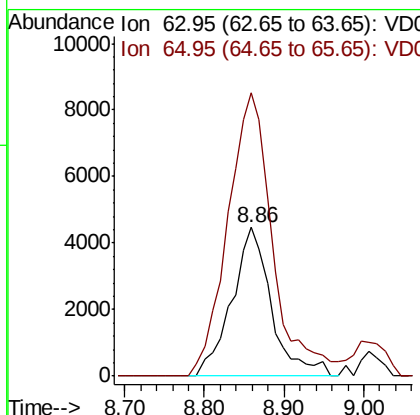
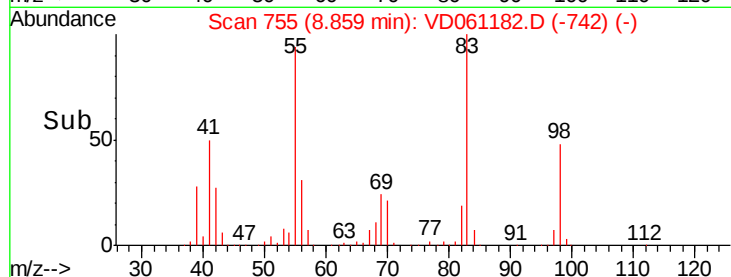
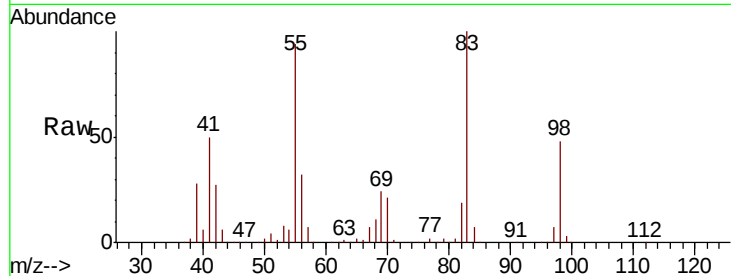




#45
 1,2-Dichloropropane
 Concen: 2.408 ug/l
 RT: 8.86 min Scan# 755
 Delta R.T. -0.07 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

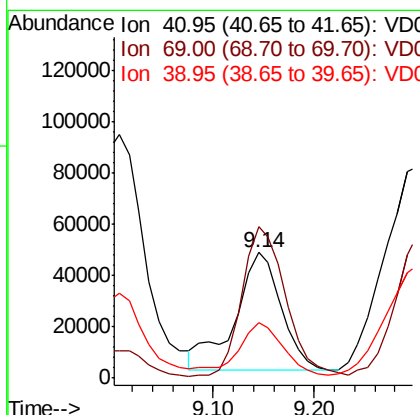
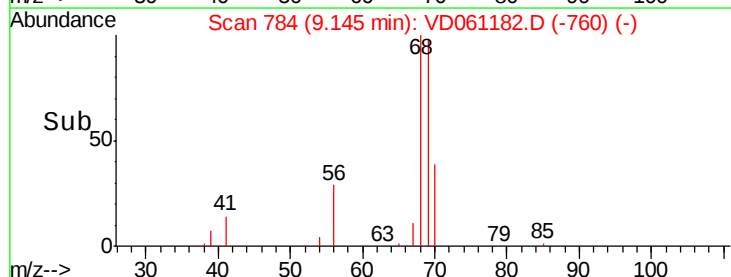
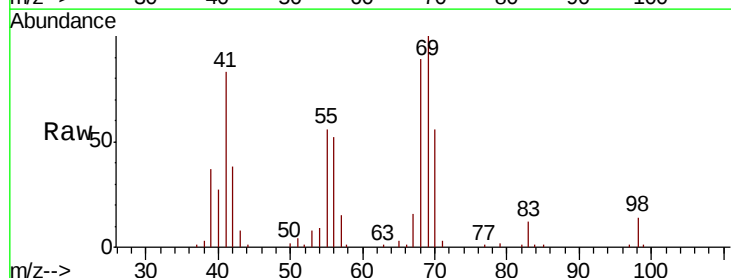
Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-E.WALL-S.CENTER

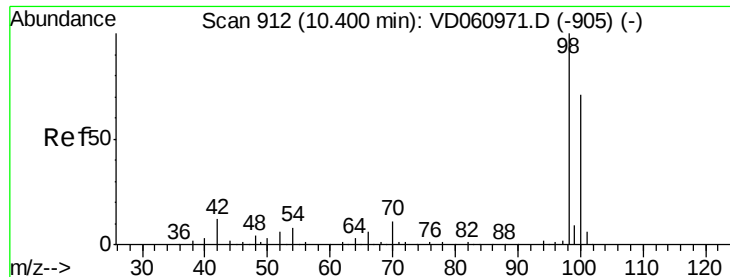
Tgt Ion: 63 Resp: 15356
 Ion Ratio Lower Upper
 63 100
 65 190.4 24.8 37.2#



#48
 Methyl methacrylate
 Concen: 41.332 ug/l
 RT: 9.14 min Scan# 784
 Delta R.T. 0.03 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Tgt Ion: 41 Resp: 146904
 Ion Ratio Lower Upper
 41 100
 69 120.2 59.9 89.9#
 39 44.4 40.9 61.3

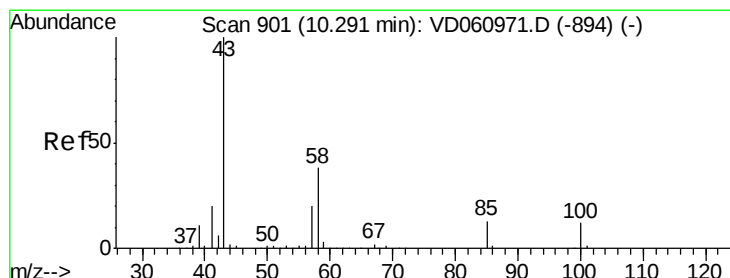
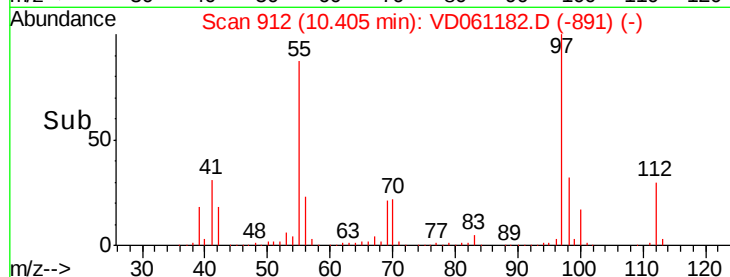
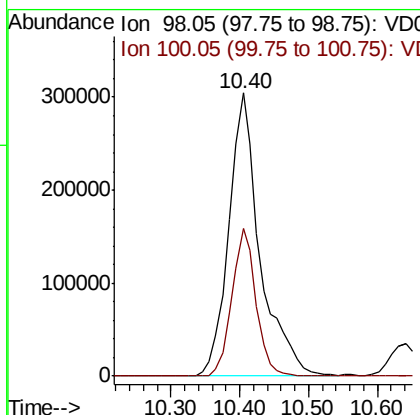
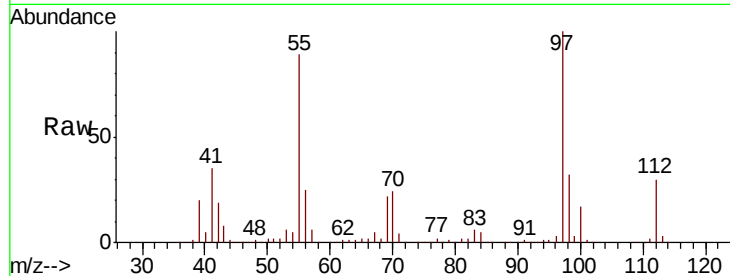




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

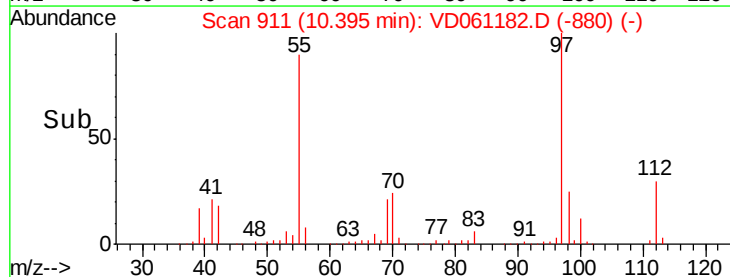
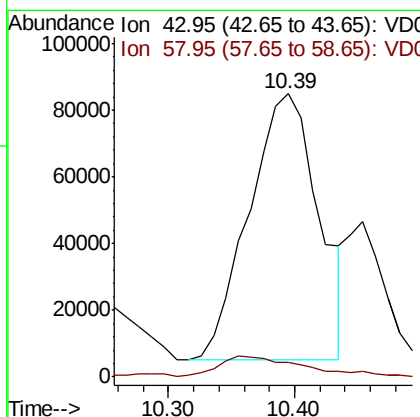
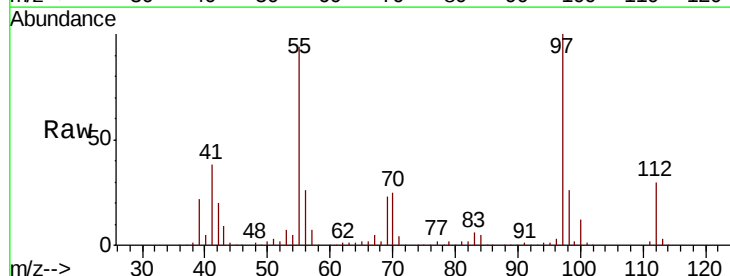
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

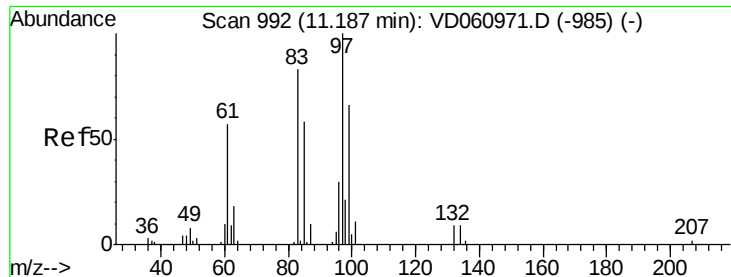
Tgt Ion: 98 Resp: 955716
Ion Ratio Lower Upper
98 100
100 52.0 57.4 86.2#



#51
4-Methyl-2-Pentanone
Concen: 79.041 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.10 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 43 Resp: 305676
Ion Ratio Lower Upper
43 100
58 5.0 30.2 45.2#





#55

1,1,2-Trichloroethane

Concen: 20.385 ug/l

RT: 11.24 min Scan# 997

Delta R.T. 0.05 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

P-4-E.WALL-S.CENTER

Tgt Ion: 97 Resp: 102449

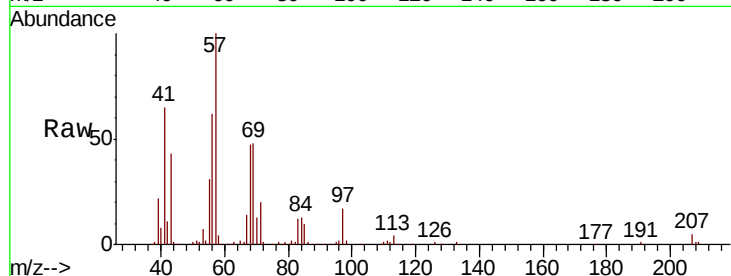
Ion Ratio Lower Upper

97 100

83 69.1 66.6 100.0

85 60.4 46.4 69.6

99 0.0 52.4 78.6#

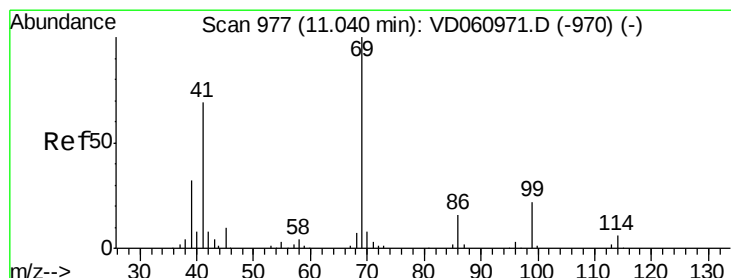
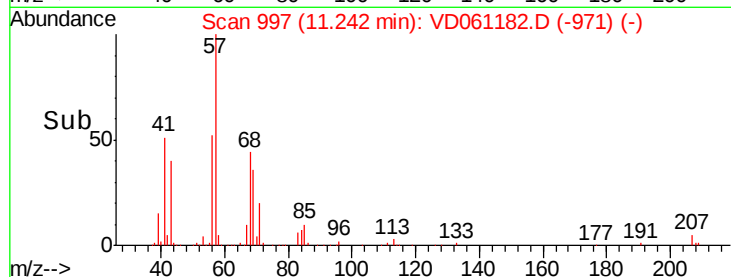
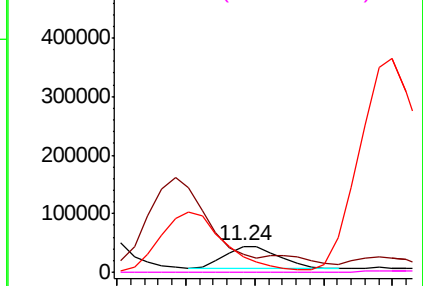


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 92.588 ug/l

RT: 11.09 min Scan# 982

Delta R.T. 0.05 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

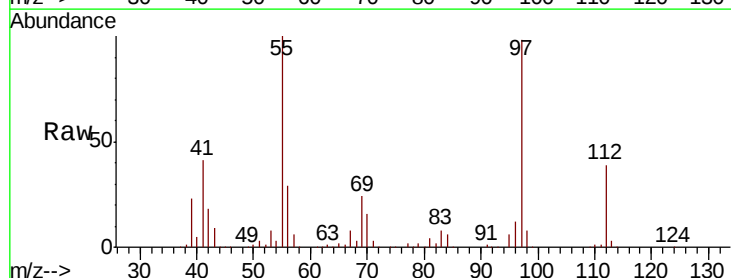
Tgt Ion: 69 Resp: 487064

Ion Ratio Lower Upper

69 100

41 171.3 55.5 83.3#

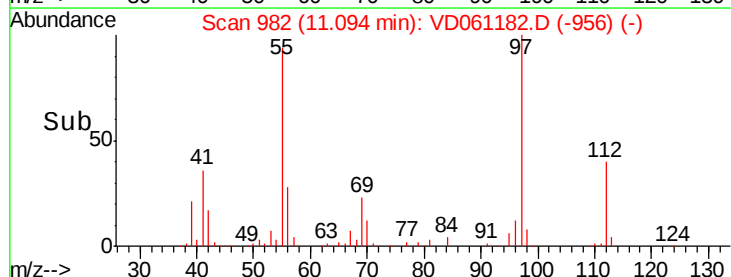
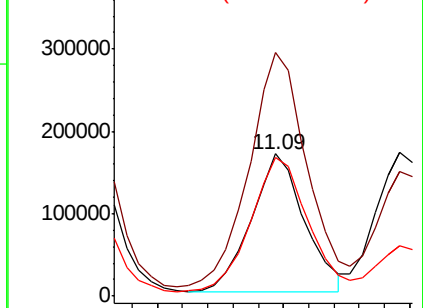
39 97.5 26.2 39.2#

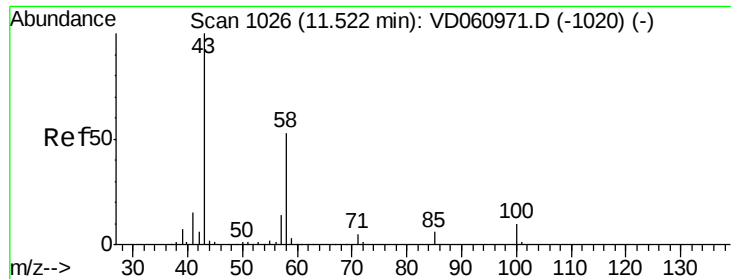


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

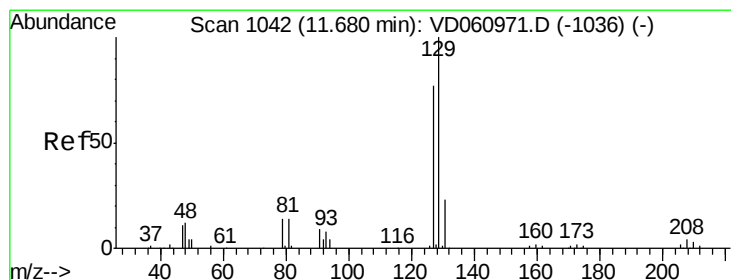
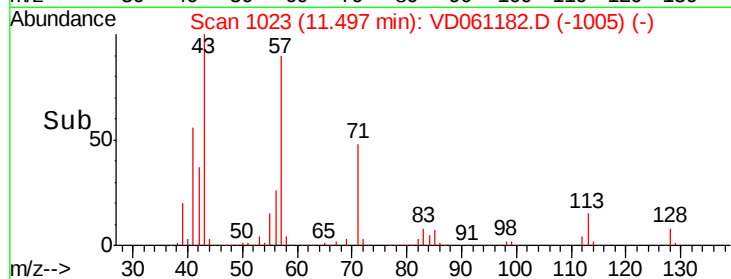
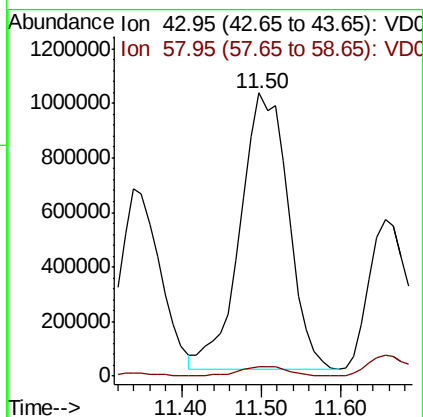
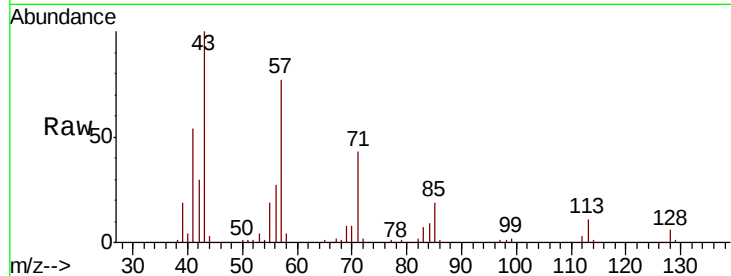




#59
2-Hexanone
Concen: 1491.582 ug/l
RT: 11.50 min Scan# 1023
Delta R.T. -0.02 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

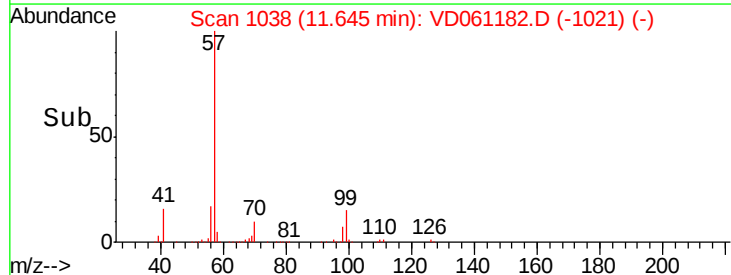
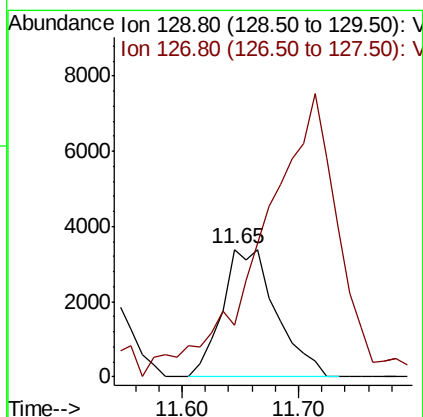
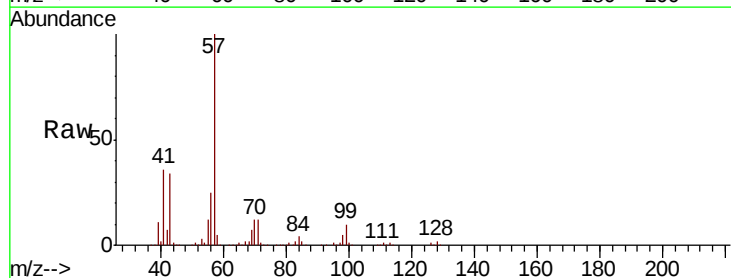
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

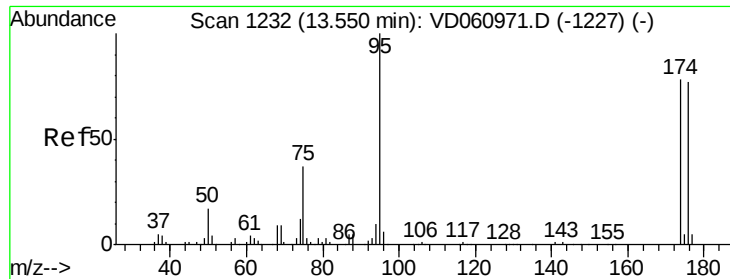
Tgt Ion: 43 Resp: 4219533
Ion Ratio Lower Upper
43 100
58 3.5 26.5 79.5#



#60
Dibromochloromethane
Concen: 1.475 ug/l
RT: 11.65 min Scan# 1038
Delta R.T. -0.03 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 129 Resp: 10913
Ion Ratio Lower Upper
129 100
127 40.9 38.3 114.9

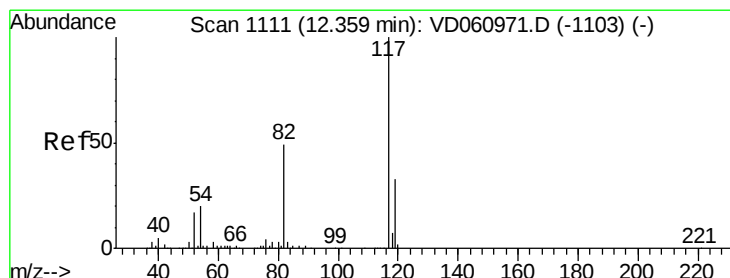
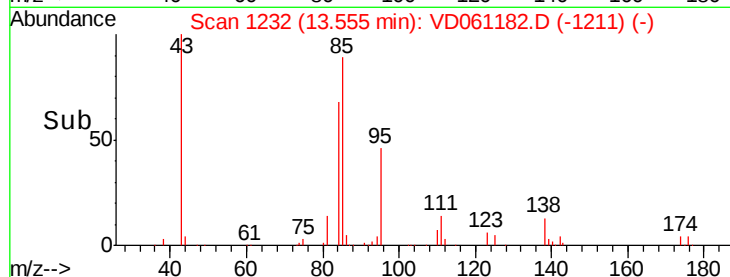
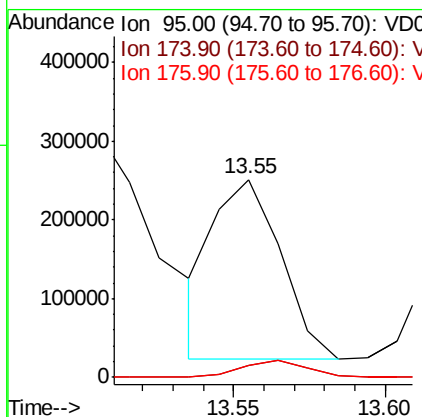
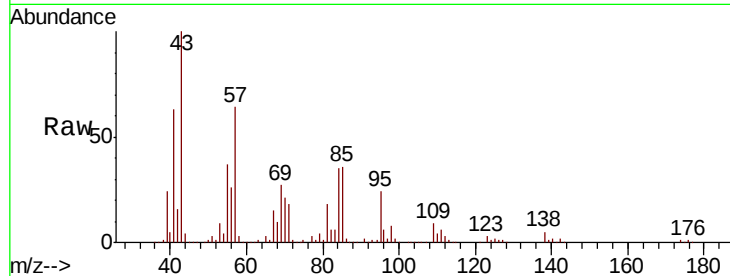




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

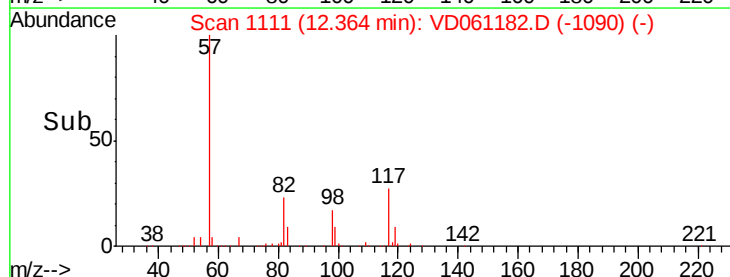
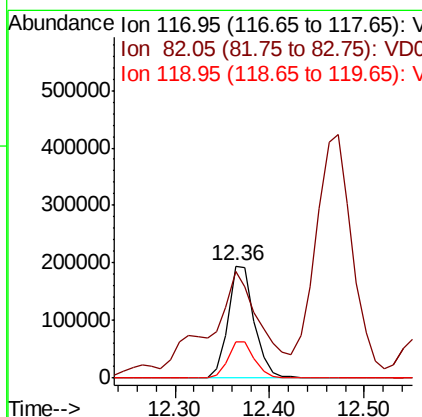
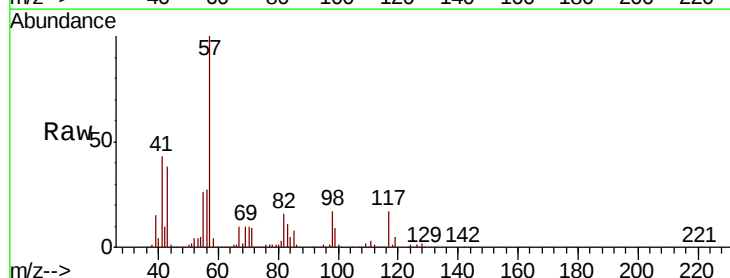
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

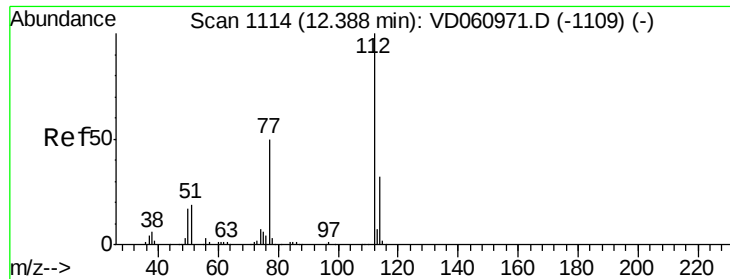
Tgt Ion: 95 Resp: 355477
Ion Ratio Lower Upper
95 100
174 6.1 0.0 155.6
176 5.8 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 117 Resp: 371770
Ion Ratio Lower Upper
117 100
82 95.1 38.9 58.3#
119 32.3 26.6 39.8

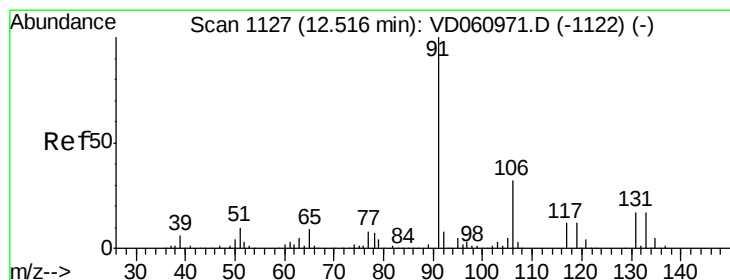
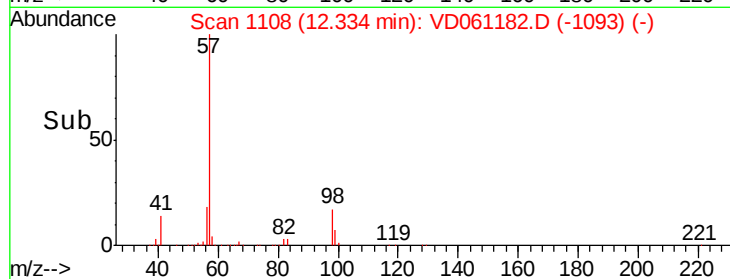
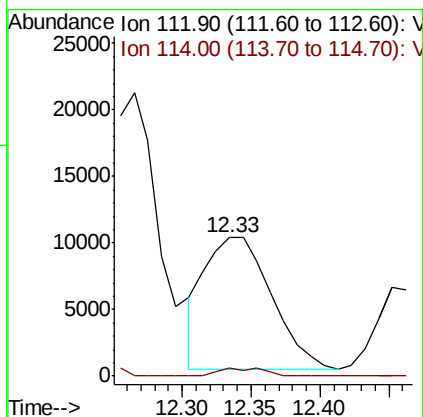
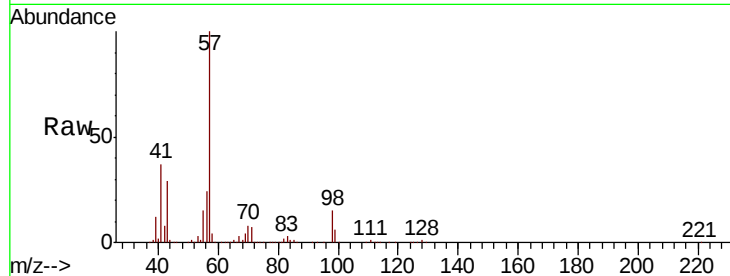




#65
Chlorobenzene
Concen: 4.549 ug/l
RT: 12.33 min Scan# 1108
Delta R.T. -0.05 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

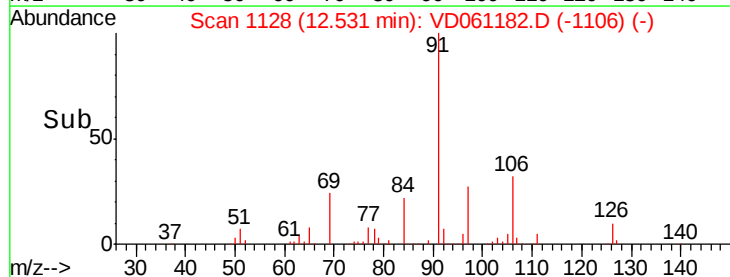
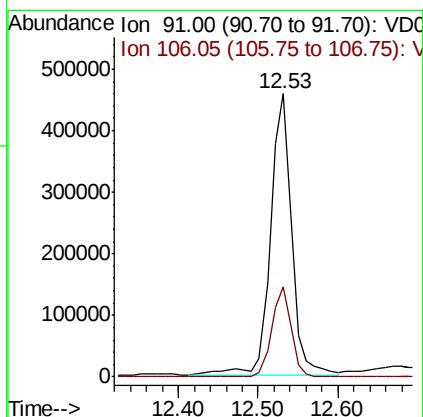
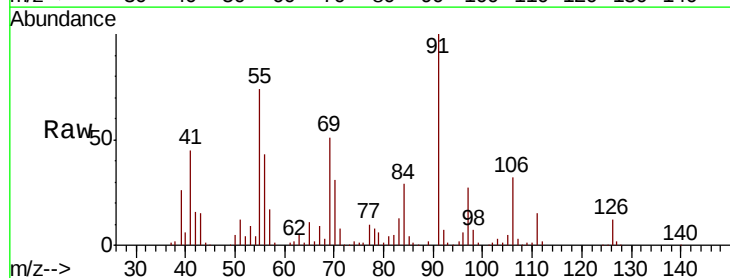
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

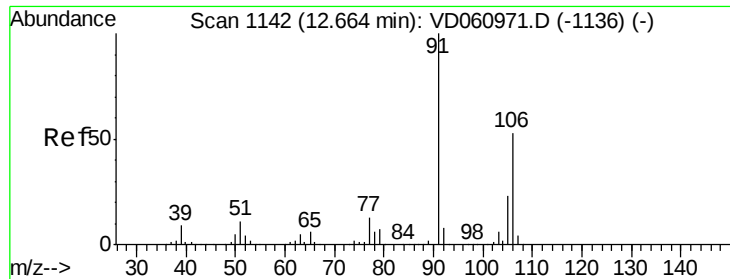
Tgt Ion: 112 Resp: 33154
Ion Ratio Lower Upper
112 100
114 6.2 26.0 39.0#



#67
Ethyl Benzene
Concen: 78.130 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 91 Resp: 847743
Ion Ratio Lower Upper
91 100
106 31.9 25.7 38.5

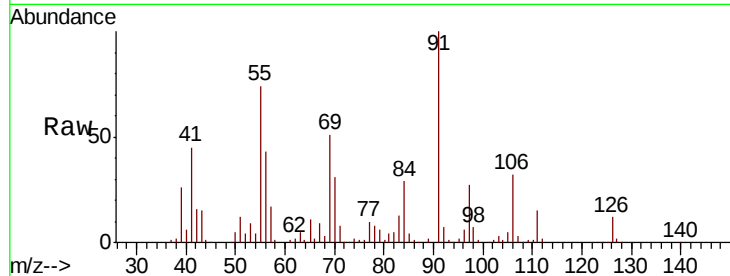




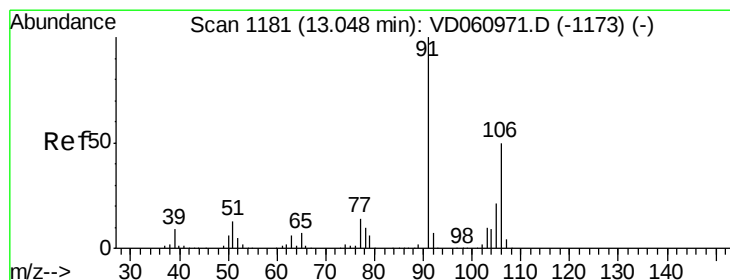
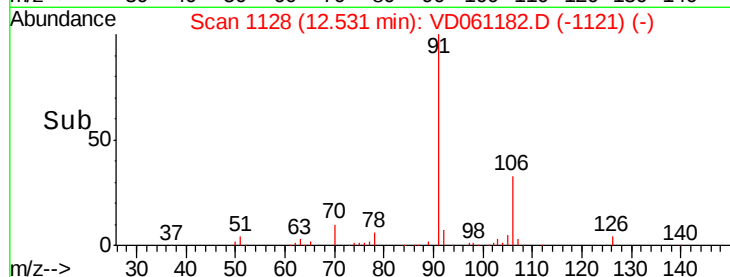
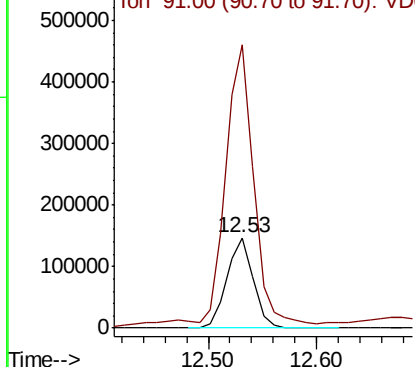
#68
m/p-Xylenes
Concen: 58.236 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.13 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

Tgt Ion:106 Resp: 248010
Ion Ratio Lower Upper
106 100
91 313.1 152.0 228.0#

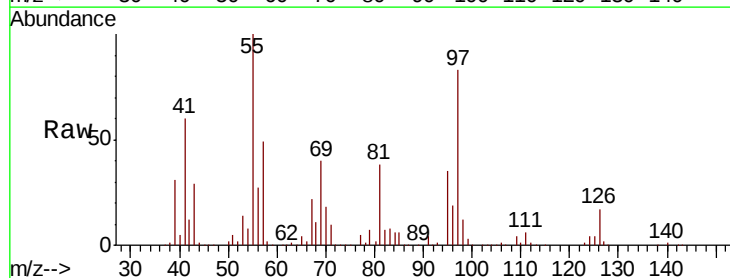


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

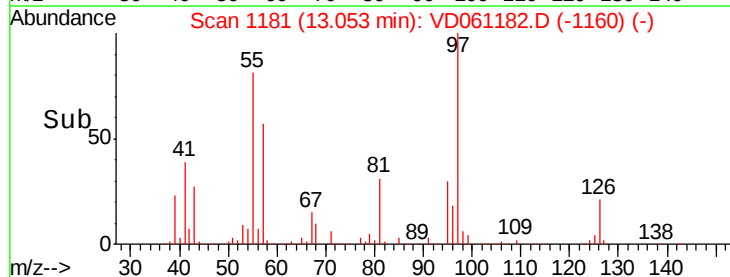
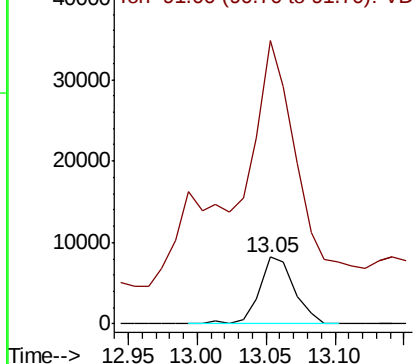


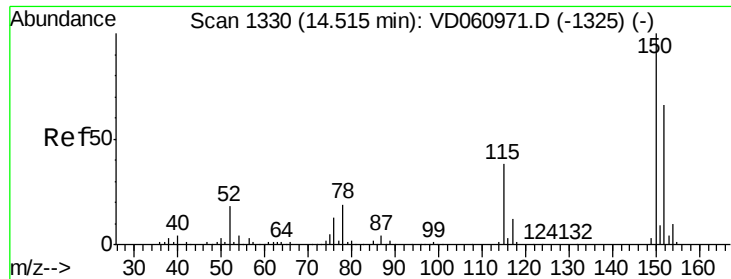
#69
o-Xylene
Concen: 3.440 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion:106 Resp: 14399
Ion Ratio Lower Upper
106 100
91 422.2 99.8 299.3#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

P-4-E.WALL-S.CENTER

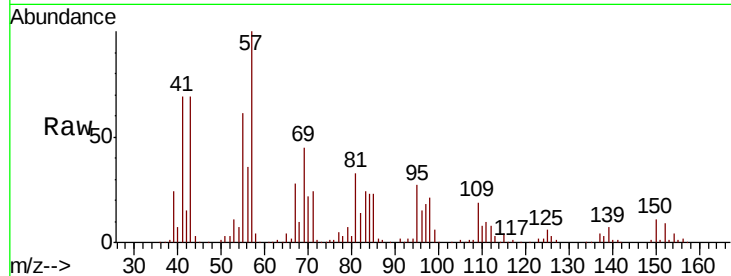
Tgt Ion:152 Resp: 49935

Ion Ratio Lower Upper

152 100

115 45.7 28.6 85.9

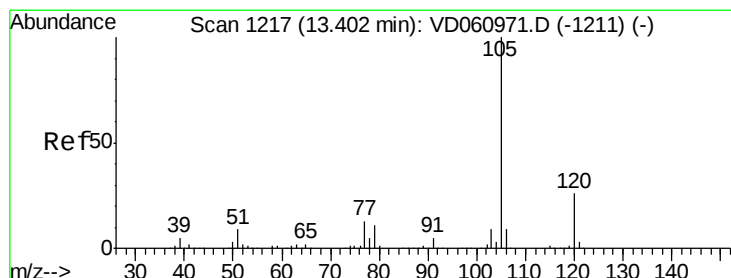
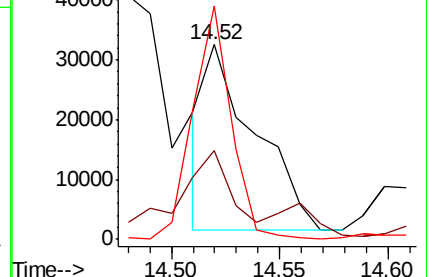
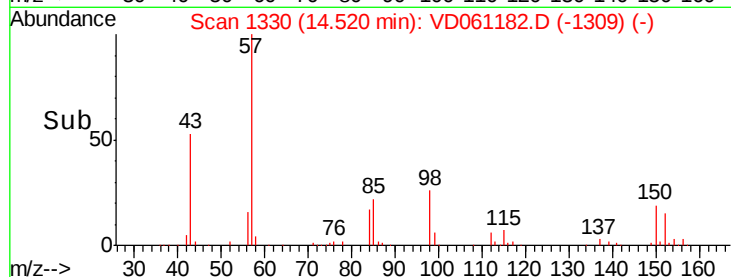
150 119.9 0.0 310.6



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: 442.836 ug/l

RT: 13.42 min Scan# 1218

Delta R.T. 0.01 min

Lab File: VD061182.D

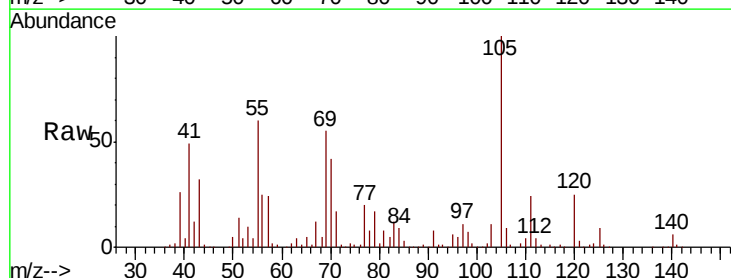
Acq: 19 Mar 2019 13:54

Tgt Ion:105 Resp: 1593633

Ion Ratio Lower Upper

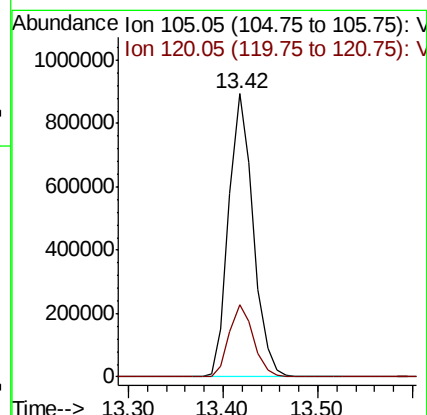
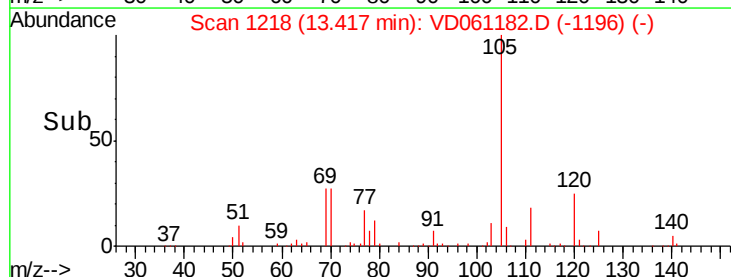
105 100

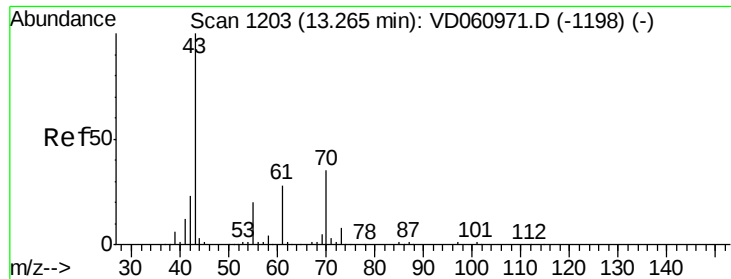
120 25.4 12.8 38.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#74

N-ethyl acetate

Concen: 2644.663 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

P-4-E.WALL-S.CENTER

Tgt Ion: 43 Resp: 2679873

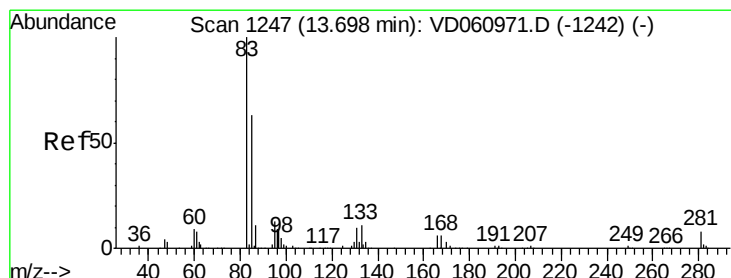
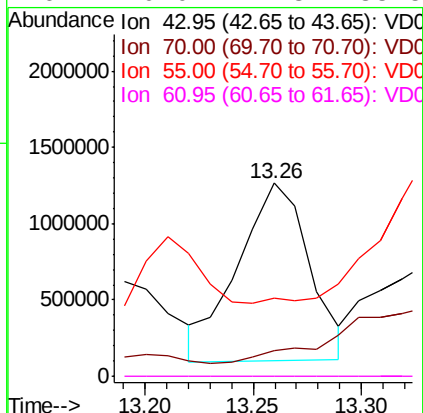
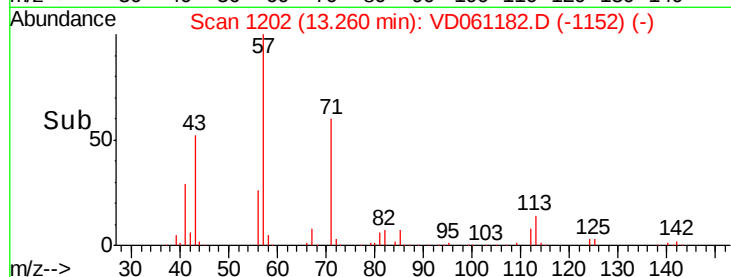
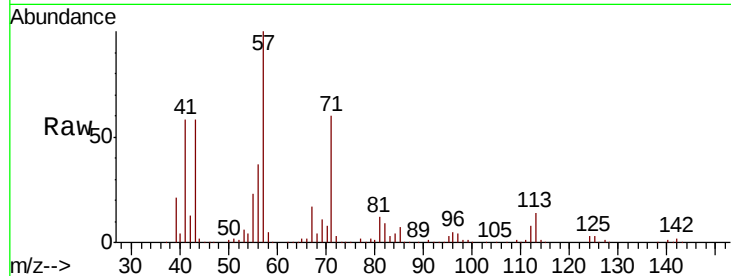
Ion Ratio Lower Upper

43 100

70 13.4 27.7 41.5#

55 40.3 16.2 24.2#

61 0.0 22.3 33.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 1103.935 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.04 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

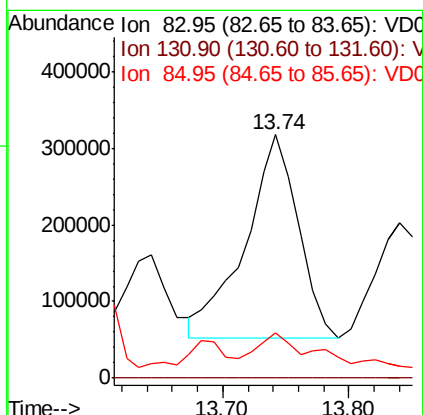
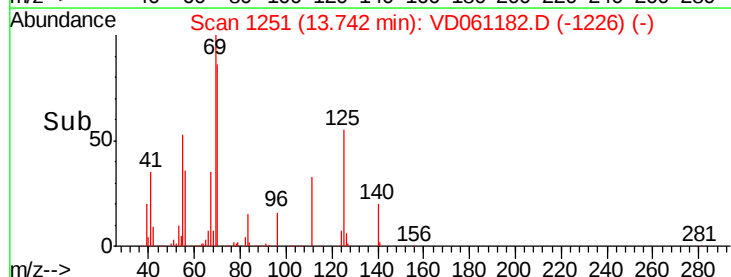
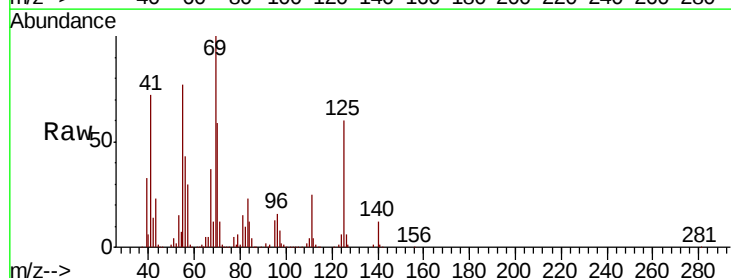
Tgt Ion: 83 Resp: 775106

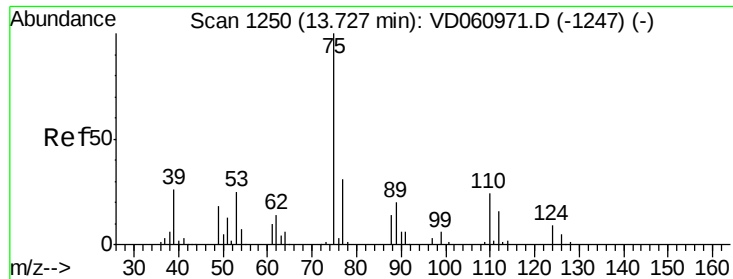
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 18.7 31.5 94.5#





#76

1,2,3-Trichloropropane

Concen: 29.280 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.06 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

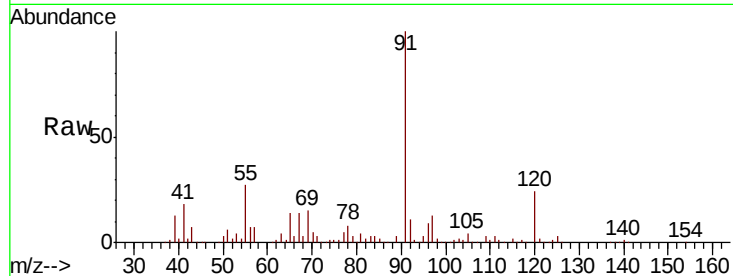
P-4-E.WALL-S.CENTER

Tgt Ion: 75 Resp: 21035

Ion Ratio Lower Upper

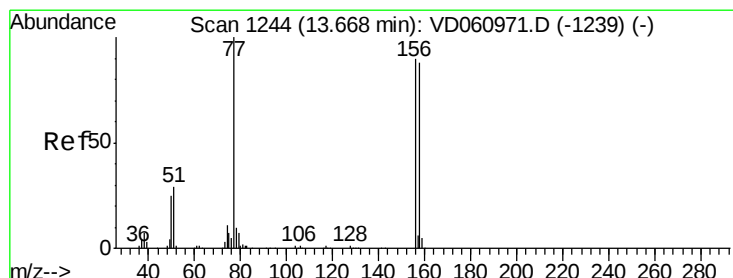
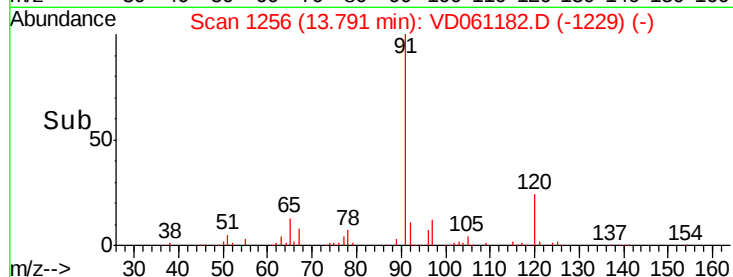
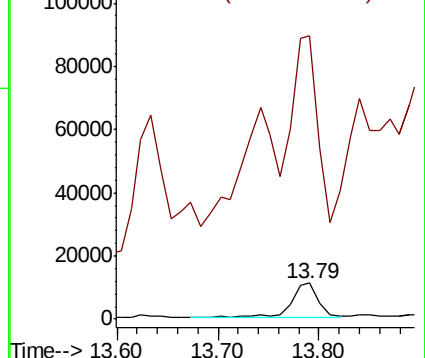
75 100

77 784.4 16.6 49.7#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#77

Bromobenzene

Concen: 1.861 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.06 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

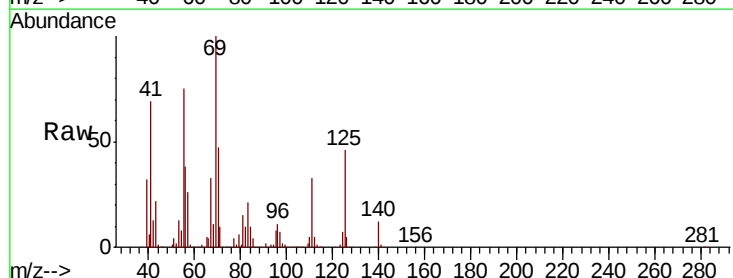
Tgt Ion: 156 Resp: 1710

Ion Ratio Lower Upper

156 100

77 6737.0 55.5 166.7#

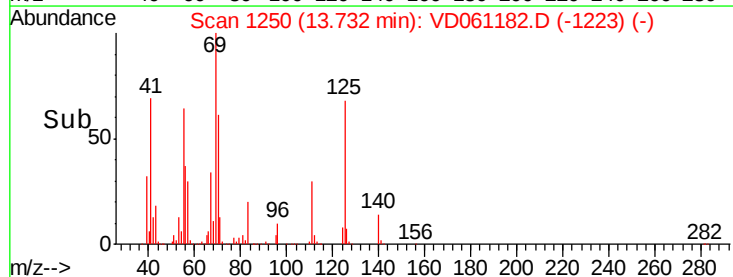
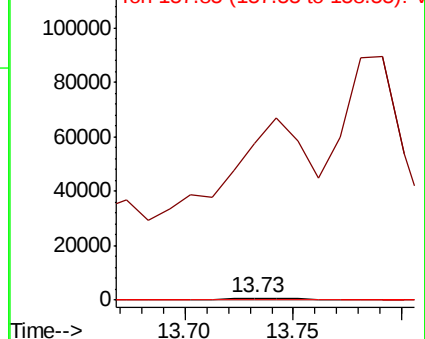
158 0.0 49.0 147.0#

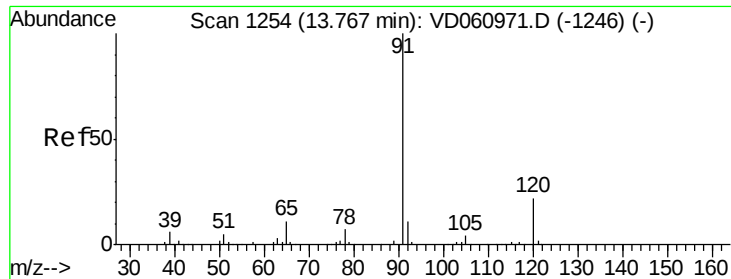


Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V





#78

n-propylbenzene

Concen: 722.680 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.02 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

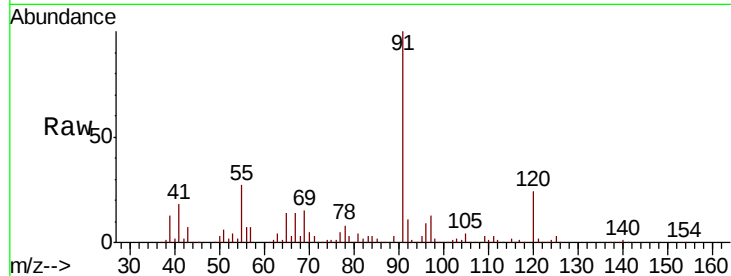
P-4-E.WALL-S.CENTER

Tgt Ion: 91 Resp: 3044645

Ion Ratio Lower Upper

91 100

120 24.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

2000000 Ion 120.05 (119.75 to 120.75): V

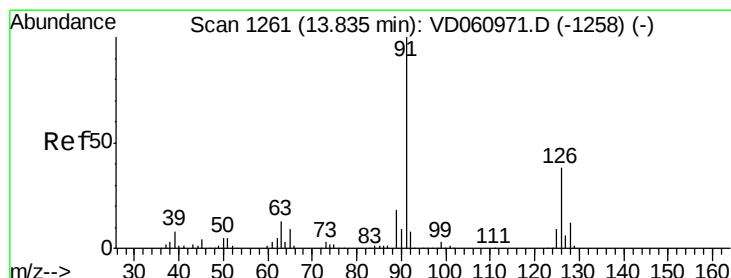
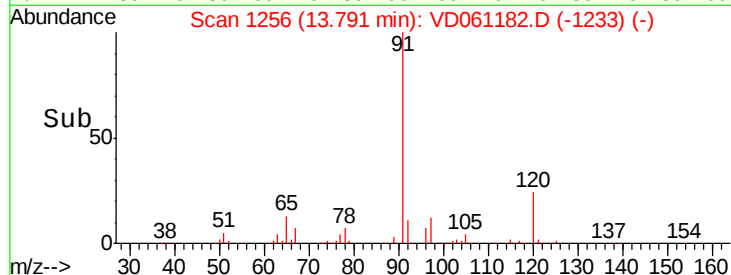
1500000

1000000

500000

0

Time-->



#79

2-Chlorotoluene

Concen: 1312.671 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. -0.04 min

Lab File: VD061182.D

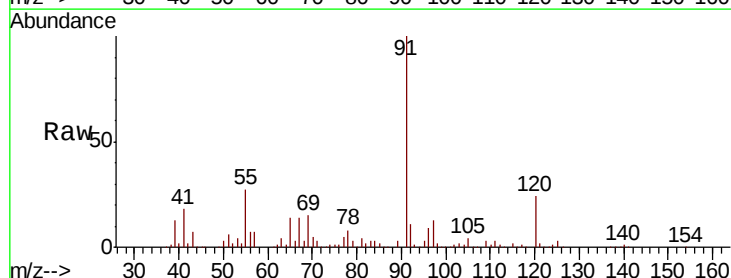
Acq: 19 Mar 2019 13:54

Tgt Ion: 91 Resp: 3044645

Ion Ratio Lower Upper

91 100

126 0.3 18.6 55.6#



Abundance Ion 91.00 (90.70 to 91.70): VDC

2000000 Ion 125.95 (125.65 to 126.65): V

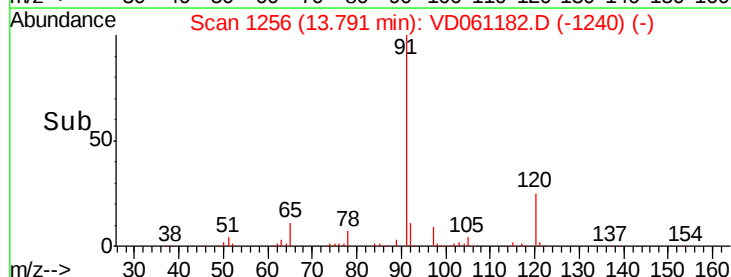
1500000

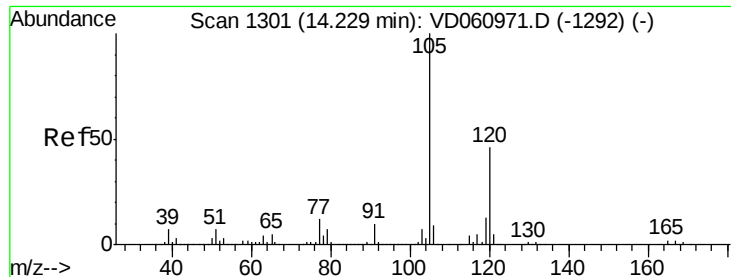
1000000

500000

0

Time-->

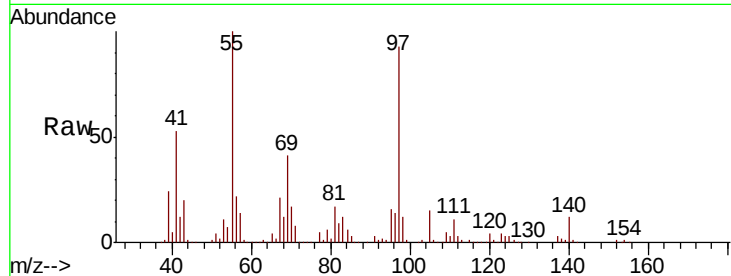




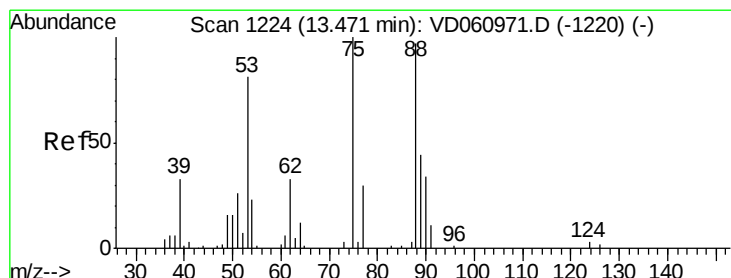
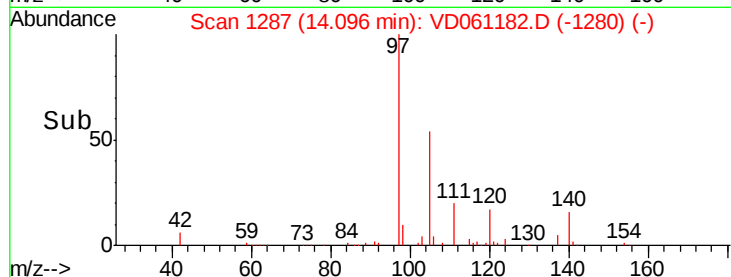
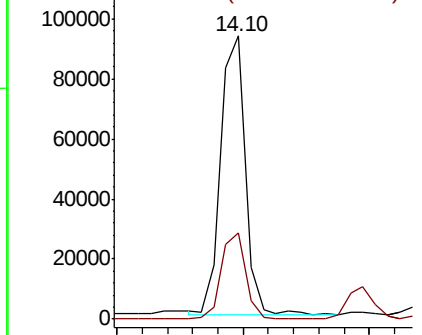
#80
 1,3,5-Trimethylbenzene
 Concen: 46.115 ug/l
 RT: 14.10 min Scan# 1287
 Delta R.T. -0.13 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-E.WALL-S.CENTER

Tgt Ion: 105 Resp: 125987
 Ion Ratio Lower Upper
 105 100
 120 30.5 22.9 68.5

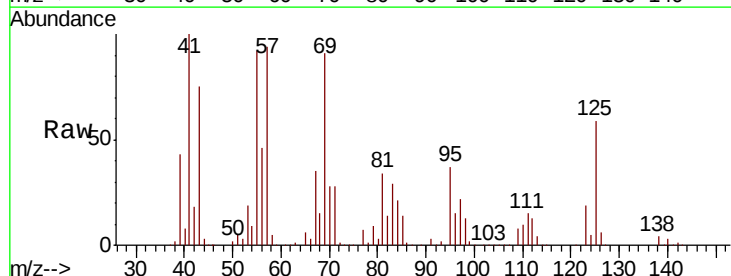


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

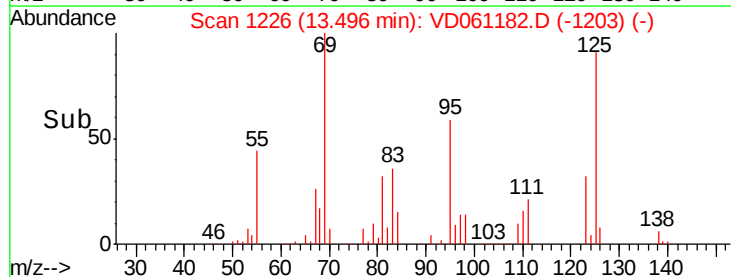
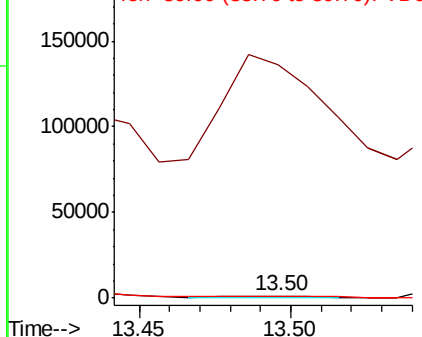


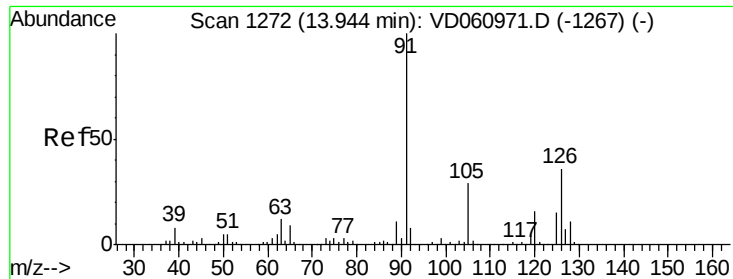
#81
 trans-1,4-Dichloro-2-butene
 Concen: 5.519 ug/l
 RT: 13.50 min Scan# 1226
 Delta R.T. 0.02 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Tgt Ion: 75 Resp: 1169
 Ion Ratio Lower Upper
 75 100
 53 12270.5 64.4 96.6#
 89 89.4 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

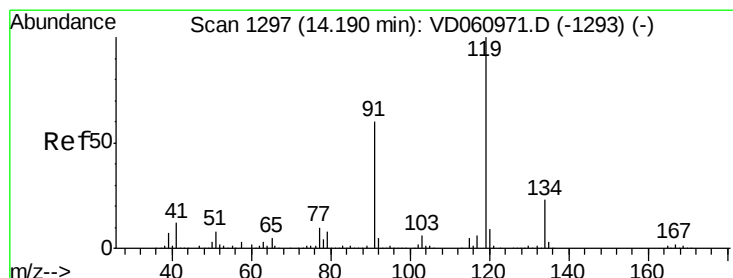
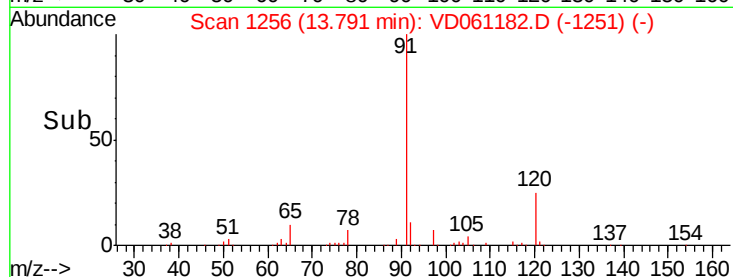
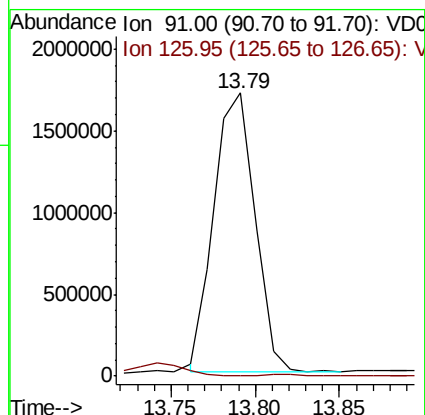
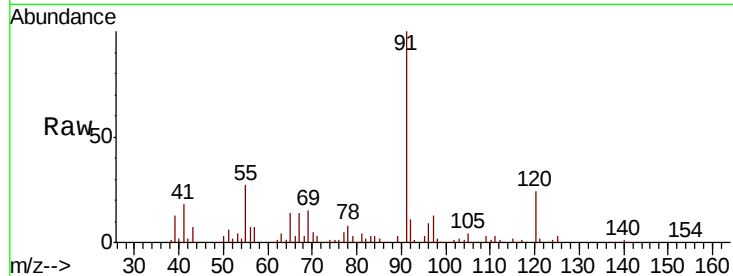




#82
4-Chlorotoluene
Concen: 1048.159 ug/l
RT: 13.79 min Scan# 1256
Delta R.T. -0.15 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

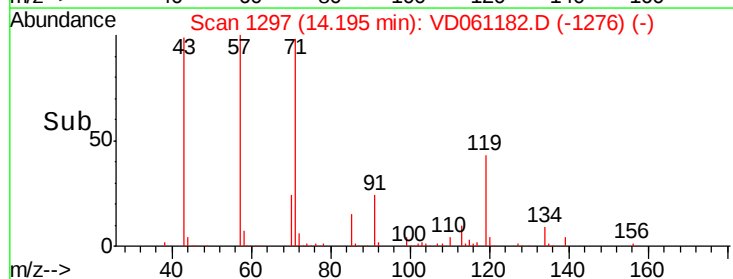
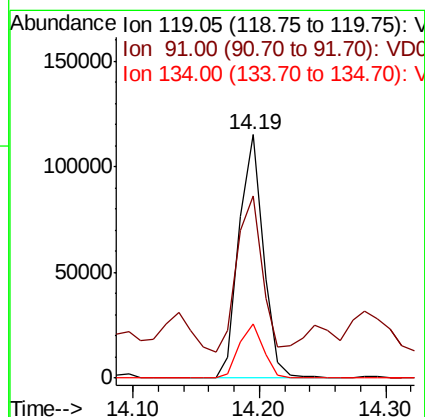
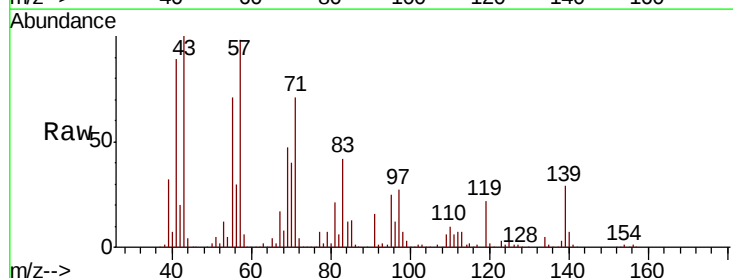
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

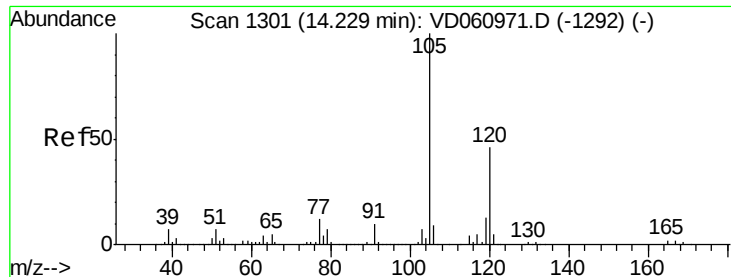
Tgt Ion: 91 Resp: 2874061
Ion Ratio Lower Upper
91 100
126 0.3 18.0 54.0#



#83
tert-Butylbenzene
Concen: 51.552 ug/l
RT: 14.19 min Scan# 1297
Delta R.T. 0.00 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 119 Resp: 154133
Ion Ratio Lower Upper
119 100
91 74.7 30.1 90.3
134 22.0 11.6 34.7

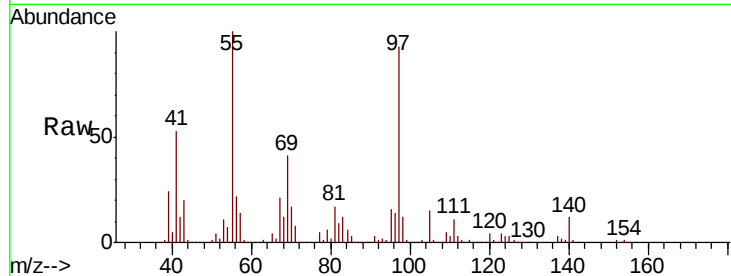




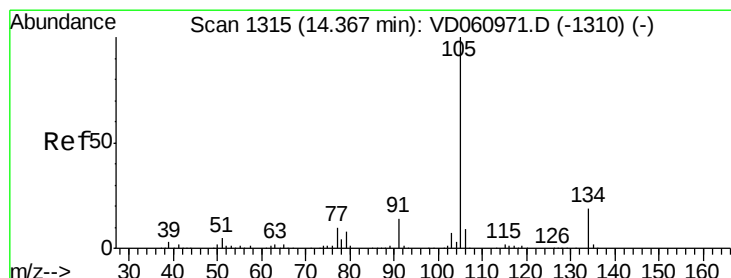
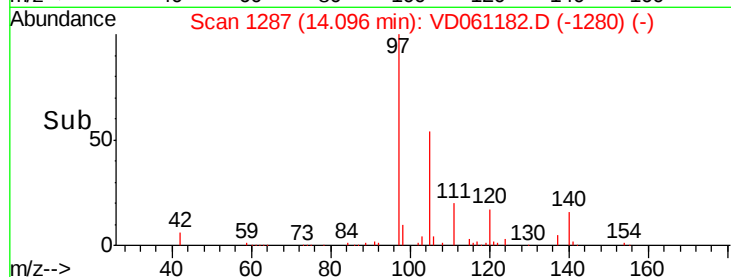
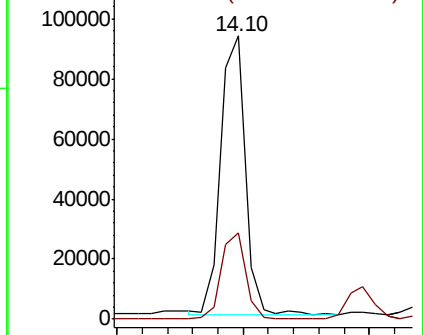
#84
 1,2,4-Trimethylbenzene
 Concen: 46.115 ug/l
 RT: 14.10 min Scan# 1287
 Delta R.T. -0.13 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4-E.WALL-S.CENTER

Tgt Ion:105 Resp: 125987
 Ion Ratio Lower Upper
 105 100
 120 30.5 22.9 68.5

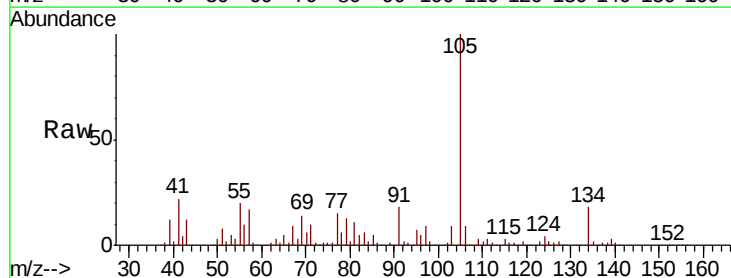


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V

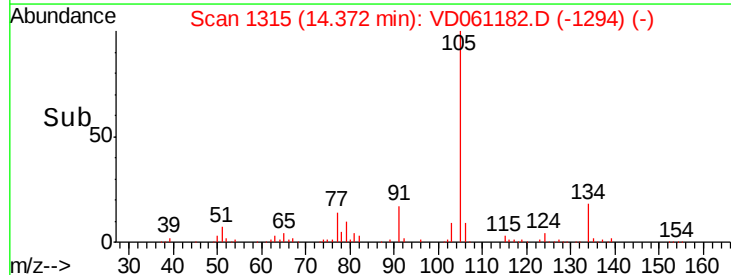
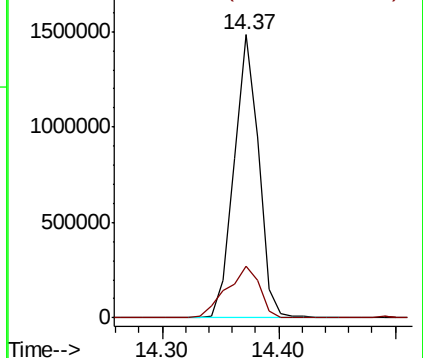


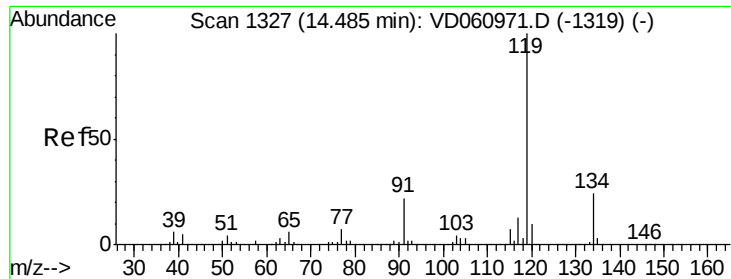
#85
 sec-Butylbenzene
 Concen: 588.769 ug/l
 RT: 14.37 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VD061182.D
 Acq: 19 Mar 2019 13:54

Tgt Ion:105 Resp: 2149037
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

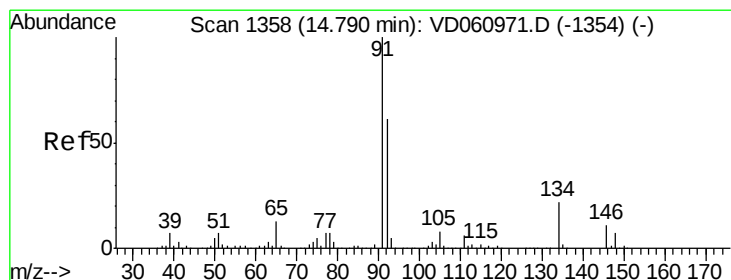
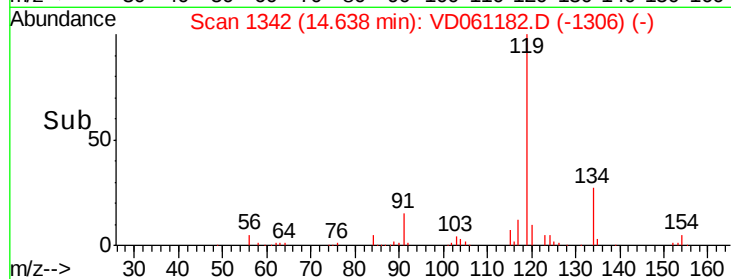
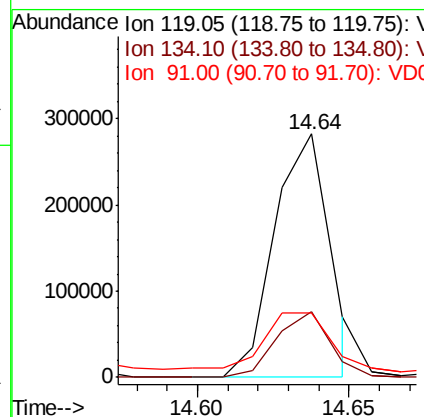
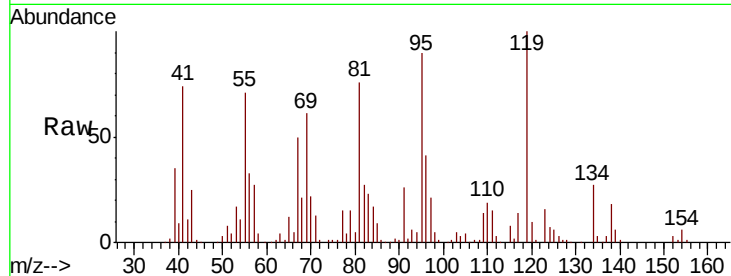




#86
p-Isopropyltoluene
Concen: 120.209 ug/l
RT: 14.64 min Scan# 1342
Delta R.T. 0.15 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

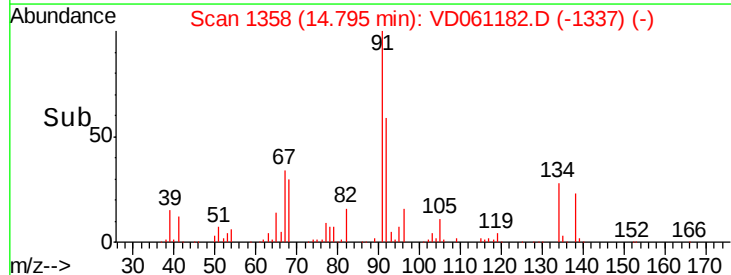
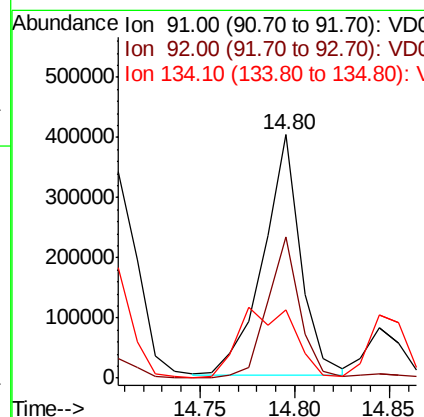
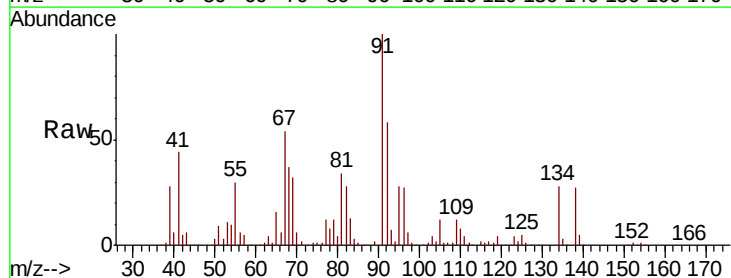
Instrument :
MSVOA_D
ClientSampleId :
P-4-E.WALL-S.CENTER

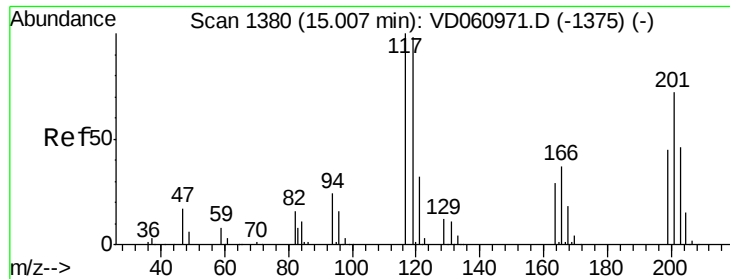
Tgt Ion: 119 Resp: 358648
Ion Ratio Lower Upper
119 100
134 26.9 12.0 36.1
91 26.3 11.2 33.6



#89
n-Butylbenzene
Concen: 191.444 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. 0.01 min
Lab File: VD061182.D
Acq: 19 Mar 2019 13:54

Tgt Ion: 91 Resp: 548516
Ion Ratio Lower Upper
91 100
92 58.1 30.6 91.8
134 27.8 11.0 33.0





#90

Hexachloroethane

Concen: 459.665 ug/l

RT: 15.09 min Scan# 1388

Delta R.T. 0.08 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

Instrument :

MSVOA_D

ClientSampleId :

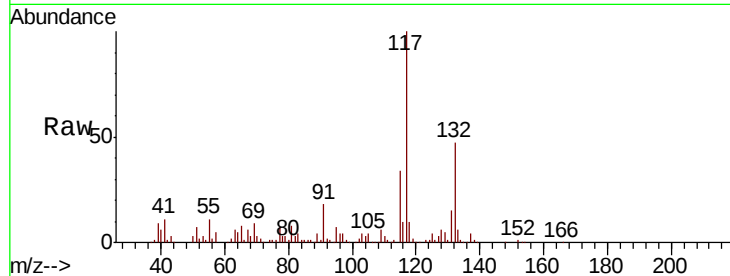
P-4-E.WALL-S.CENTER

Tgt Ion:117 Resp: 387255

Ion Ratio Lower Upper

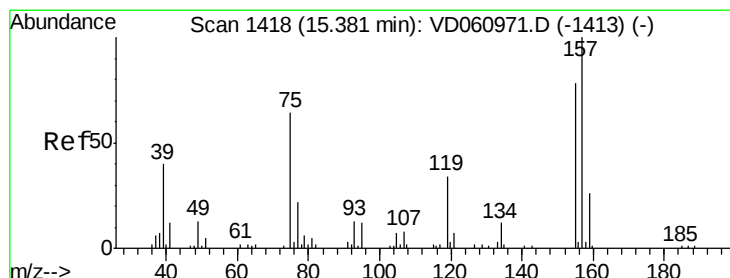
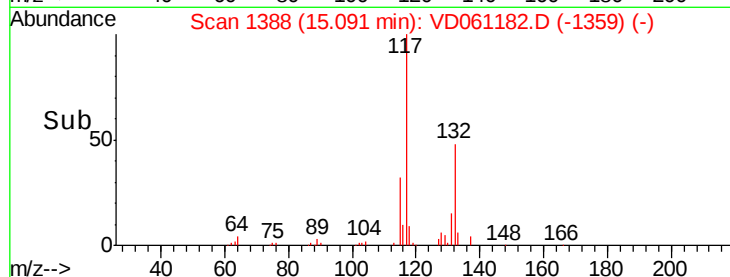
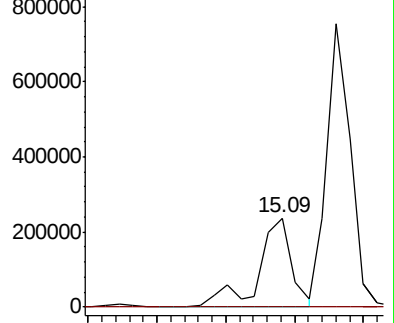
117 100

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



#92

1,2-Dibromo-3-Chloropropane

Concen: 6.831 ug/l

RT: 15.34 min Scan# 1413

Delta R.T. -0.04 min

Lab File: VD061182.D

Acq: 19 Mar 2019 13:54

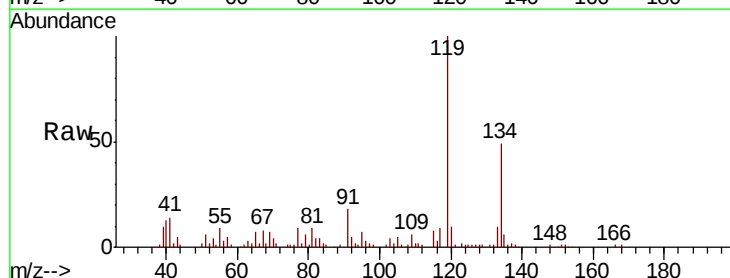
Tgt Ion: 75 Resp: 578

Ion Ratio Lower Upper

75 100

155 0.0 61.2 183.5#

157 0.0 78.3 234.8#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

