

Data Path : W:\HPCHEM1\MSVOA D\DATA\VD091815\
 Data File : VD046783.D
 Acq On : 18 Sep 2015 15:05
 Operator : FY/SY
 Sample : VSTDICC150
 Misc : 5.00qm/5mL/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Sep 18 15:25:30 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 14:39:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	226796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	293152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.59	117	268285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	133047	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.73	65	320277	130.53	ug/l	0.01
Spiked Amount	50.000		Recovery	=	261.06%	
35) Dibromofluoromethane	6.22	113	328556	138.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.62%	
50) Toluene-d8	9.62	98	1100128	145.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	291.70%	
62) 4-Bromofluorobenzene	12.86	95	424377	141.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.42	85	288673	143.52	ug/l	97
3) Chlorodifluoromethane	1.43	51	234903	133.50	ug/l	94
4) Chloromethane	1.58	50	179635	129.58	ug/l	98
5) Vinyl Chloride	1.68	62	163780	124.21	ug/l	97
6) Bromomethane	1.97	94	152084	136.65	ug/l	100
7) Chloroethane	2.08	64	105309	130.76	ug/l	100
8) Trichlorofluoromethane	2.33	101	485656	128.51	ug/l	100
9) Diethyl Ether	2.64	74	100467	147.34	ug/l	85
10) 1,1,2-Trichlorotrifluoroet	2.89	101	319660	134.86	ug/l	97
11) Methyl Iodide	3.06	142	413352	139.60	ug/l	97
12) Tert butyl alcohol	3.70	59	43511	708.92	ug/l	98
13) 1,1-Dichloroethene	2.88	96	263635	140.09	ug/l	94
14) Acrolein	2.78	56	85891	673.64	ug/l	91
15) Allyl chloride	3.34	41	551284	146.07	ug/l	89
16) Acrylonitrile	3.85	53	207064	752.70	ug/l	93
17) Acetone	2.95	43	302538	774.71	ug/l	98
18) Carbon Disulfide	3.14	76	914988	131.20	ug/l	98
19) Methyl Acetate	3.35	43	329344	139.19	ug/l	98
20) Methyl tert-butyl Ether	3.91	73	446791	155.59	ug/l	95
21) Methylene Chloride	3.51	84	288837	131.30	ug/l	92
22) trans-1,2-Dichloroethene	3.90	96	300911	142.17	ug/l	91
23) Diisopropyl ether	4.67	45	946732	150.27	ug/l	95
24) Vinyl Acetate	4.61	43	1466950	987.86	ug/l	97
25) 1,1-Dichloroethane	4.57	63	534431	138.57	ug/l	99
26) 2-Butanone	5.45	43	342782	754.43	ug/l	97
27) 2,2-Dichloropropane	5.44	77	548794	139.22	ug/l	98
28) cis-1,2-Dichloroethene	5.44	96	320268	145.63	ug/l	92
29) Bromochloromethane	5.80	49	205740	132.37	ug/l	91
30) Chloroform	5.98	83	634569	135.47	ug/l	99
31) Cyclohexane	6.28	56	489085	136.40	ug/l	91
32) 1,1,1-Trichloroethane	6.19	97	583086	141.58	ug/l	96
36) 1,1-Dichloropropene	6.44	75	480405	138.21	ug/l	96
37) Ethyl Acetate	5.55	43	158591	147.63	ug/l	98
38) Carbon Tetrachloride	6.42	117	497925	138.41	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.09	83	559475	159.66	ug/l	96
40) Benzene	6.73	78	1201759	134.08	ug/l	99
41) Methacrylonitrile	5.77	41	102472	159.56	ug/l #	90
42) 1,2-Dichloroethane	6.84	62	381113	136.58	ug/l	99
43) Isopropyl Acetate	8.42	43	253759	172.77	ug/l #	99
44) Trichloroethene	7.76	130	329951	146.81	ug/l	97
45) 1,2-Dichloropropane	8.16	63	312321	141.80	ug/l	98
46) Dibromomethane	8.27	93	178899	143.51	ug/l	93
47) Bromodichloromethane	8.57	83	472404	144.21	ug/l	99
48) Methyl methacrylate	8.09	41	349024	153.32	ug/l	98
49) 1,4-Dioxane	8.30	88	26600	3303.87	ug/l #	87
51) 4-Methyl-2-Pentanone	9.49	43	886920	838.90	ug/l	96
52) Toluene	9.73	92	819208	147.64	ug/l	97
53) t-1,3-Dichloropropene	10.13	75	402060	167.24	ug/l	94
54) cis-1,3-Dichloropropene	9.24	75	488838	157.28	ug/l	98
55) 1,1,2-Trichloroethane	10.40	97	204402	145.05	ug/l	98
56) Ethyl methacrylate	10.25	69	231642	149.52	ug/l	99
57) 1,3-Dichloropropane	10.62	76	394592	149.92	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.04	63	514058	854.78	ug/l	99
59) 2-Hexanone	10.72	43	656137	875.38	ug/l	93
60) Dibromochloromethane	10.90	129	289232	148.29	ug/l	99
61) 1,2-Dibromoethane	11.02	107	206658	148.11	ug/l	95
64) Tetrachloroethene	10.48	164	327333	148.65	ug/l	93
65) Chlorobenzene	11.62	112	826011	144.32	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	307267	146.26	ug/l	99
67) Ethyl Benzene	11.73	91	1728234	150.44	ug/l	99
68) m/p-Xylenes	11.89	106	1088515	299.79	ug/l	97
69) o-Xylene	12.30	106	519968	159.62	ug/l	100
70) Styrene	12.33	104	865723	153.80	ug/l	95
71) Bromoform	12.51	173	177636	160.23	ug/l	97
73) Isopropylbenzene	12.68	105	1563541	165.40	ug/l	98
74) N-amyl acetate	12.51	43	391835	191.29	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.00	83	229125	150.31	ug/l	96
76) 1,2,3-Trichloropropane	13.05	75	261828	161.92	ug/l	98
77) Bromobenzene	12.99	156	371494	154.16	ug/l	98
78) n-propylbenzene	13.08	91	2104469	157.21	ug/l	99
79) 2-Chlorotoluene	13.16	91	1159595	154.96	ug/l	98
80) 1,3,5-Trimethylbenzene	13.26	105	1196843	162.93	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.75	75	71499	179.20	ug/l	99
82) 4-Chlorotoluene	13.28	91	1325914	150.84	ug/l	99
83) tert-Butylbenzene	13.55	119	1297901	189.54	ug/l	96
84) 1,2,4-Trimethylbenzene	13.60	105	1172826	153.76	ug/l	99
85) sec-Butylbenzene	13.74	105	1579436	157.81	ug/l	97
86) p-Isopropyltoluene	13.88	119	1227188	157.15	ug/l	99
87) 1,3-Dichlorobenzene	13.85	146	662723	148.30	ug/l	98
88) 1,4-Dichlorobenzene	13.94	146	645810	148.54	ug/l	99
89) n-Butylbenzene	14.23	91	1390187	157.51	ug/l	97
90) Hexachloroethane	14.48	117	270502	145.89	ug/l	94
91) 1,2-Dichlorobenzene	14.25	146	538324	144.66	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.90	75	29891	142.27	ug/l	91

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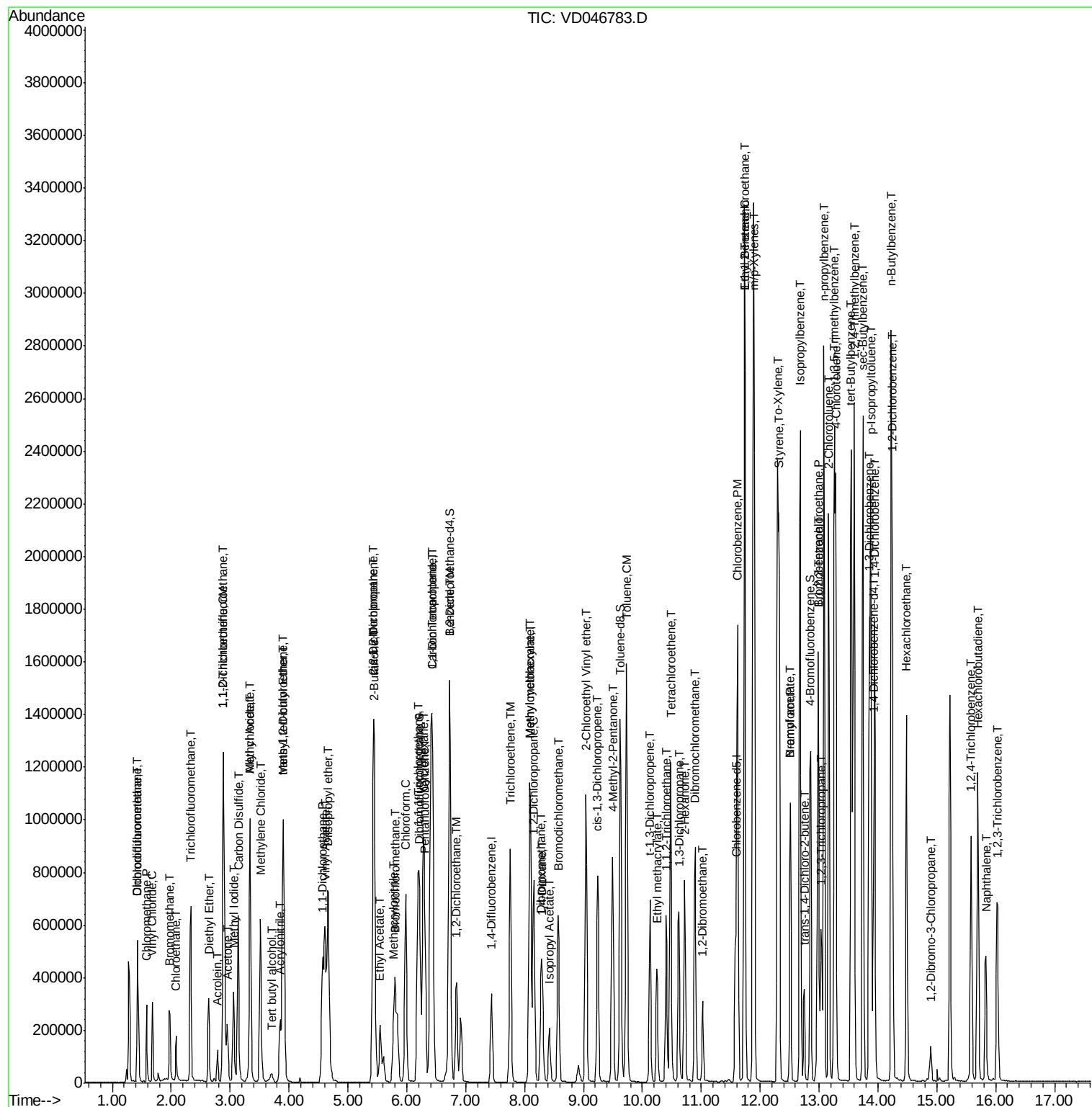
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.59	180	346092	161.09	ug/l	98
94) Hexachlorobutadiene	15.70	225	264777	152.53	ug/l	98
95) Naphthalene	15.83	128	433460	171.38	ug/l	99
96) 1,2,3-Trichlorobenzene	16.03	180	275156	155.48	ug/l	97

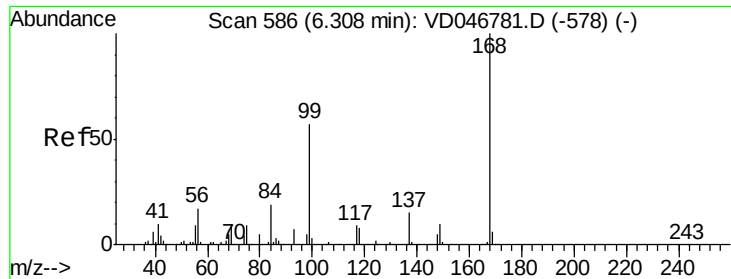
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.31 min Scan# 587

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

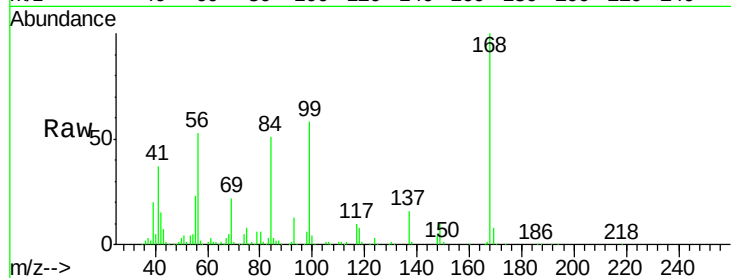
VSTDIC150

Tot Ion:168 Resp: 226796

Ion Ratio Lower Upper

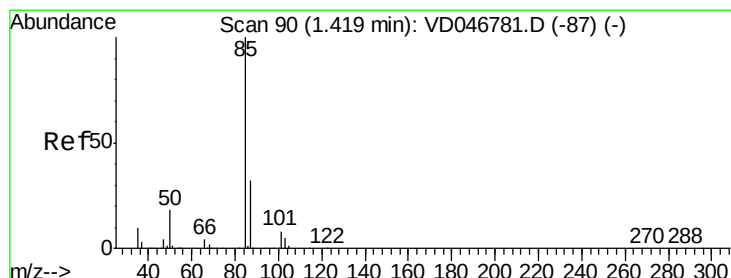
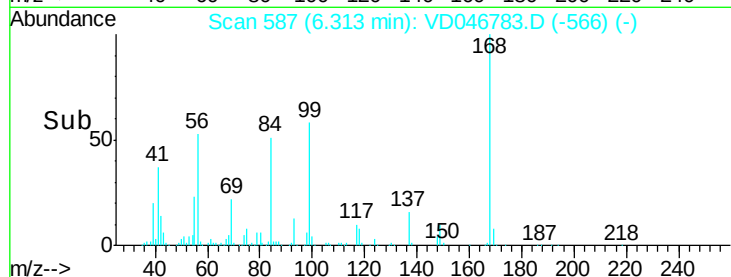
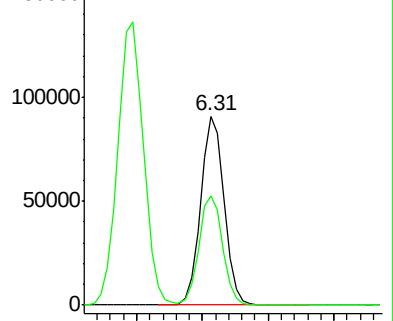
168 100

99 58.2 42.4 63.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 143.52 ug/l

RT: 1.42 min Scan# 91

Delta R.T. 0.00 min

Lab File: VD046783.D

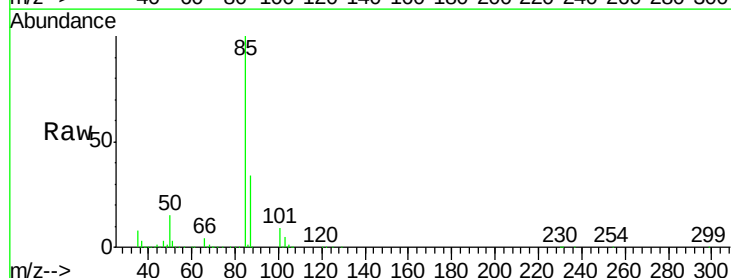
Acq: 18 Sep 2015 15:05

Tgt Ion: 85 Resp: 288673

Ion Ratio Lower Upper

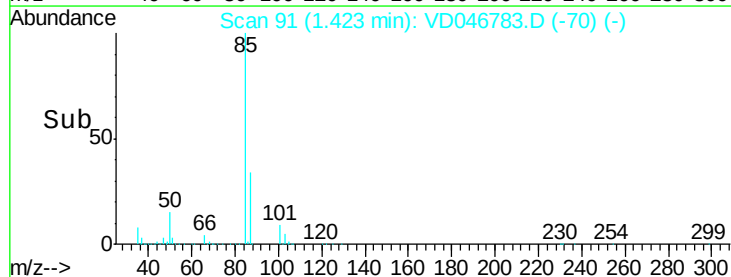
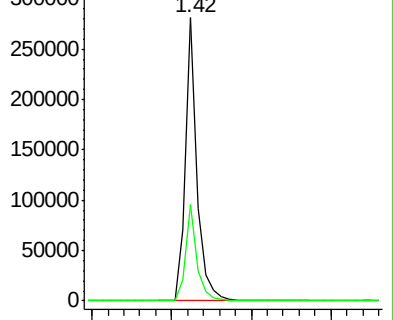
85 100

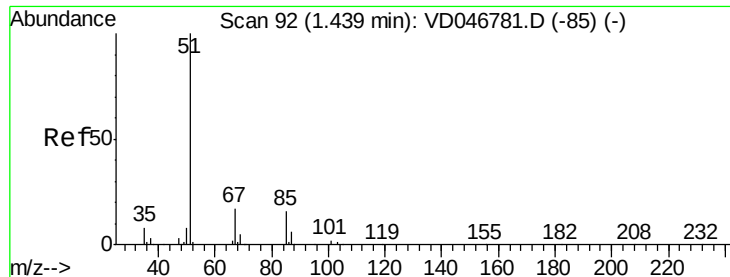
87 34.0 16.2 48.5



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chlorodifluoromethane

Concen: 133.50 ug/l

RT: 1.43 min Scan# 92

Delta R.T. -0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

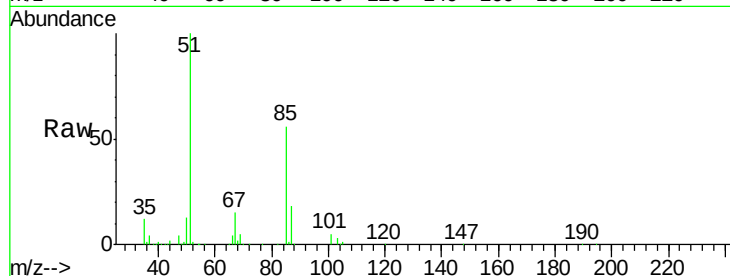
VSTDIC150

Tot Ion: 51 Resp: 234903

Ion Ratio Lower Upper

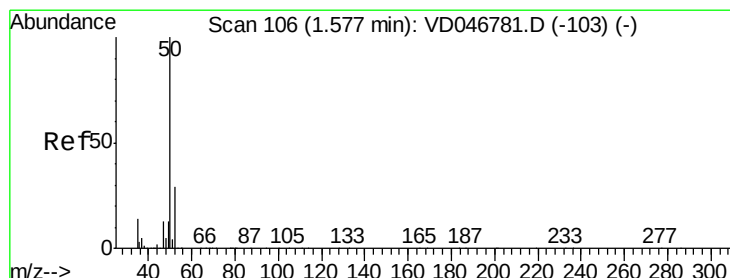
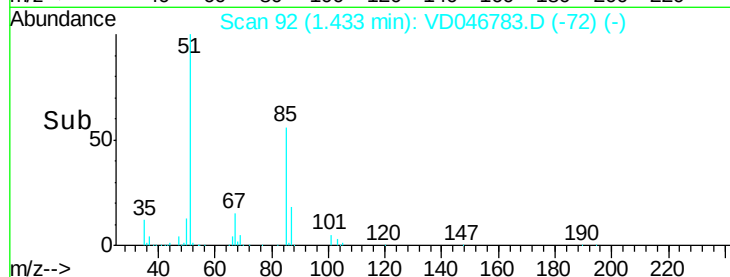
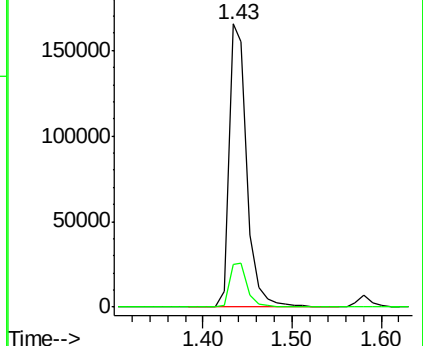
51 100

67 16.0 10.9 16.3



Abundance Ion 51.00 (50.70 to 51.70): VDC

Ion 67.00 (66.70 to 67.70): VDC



#4

Chloromethane

Concen: 129.58 ug/l

RT: 1.58 min Scan# 107

Delta R.T. 0.00 min

Lab File: VD046783.D

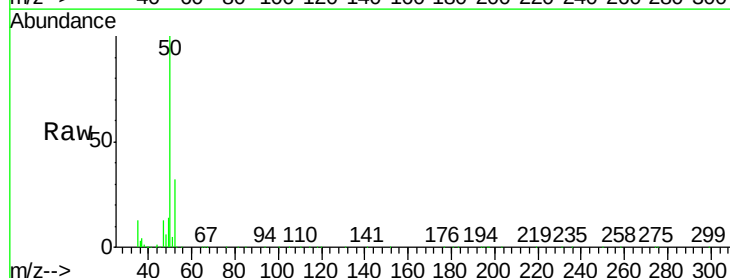
Acq: 18 Sep 2015 15:05

Tgt Ion: 50 Resp: 179635

Ion Ratio Lower Upper

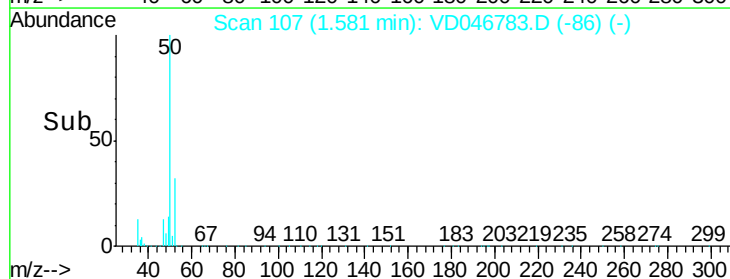
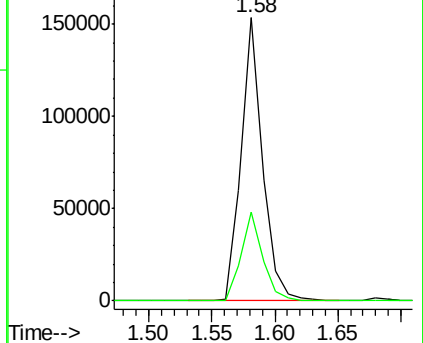
50 100

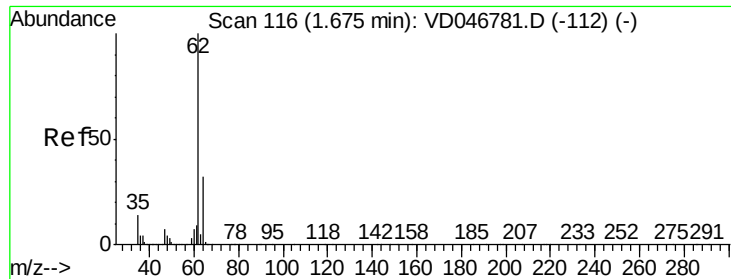
52 31.6 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Vinyl Chloride

Concen: 124.21 ug/l

RT: 1.68 min Scan# 117

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

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ClientSampleId :

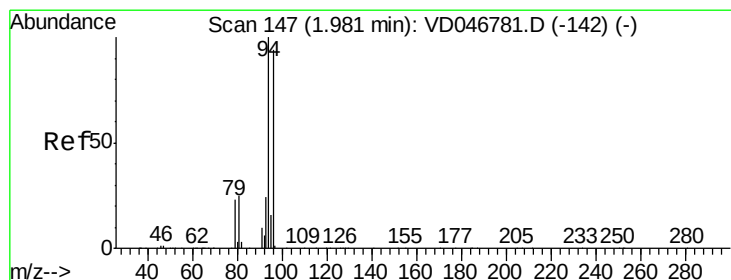
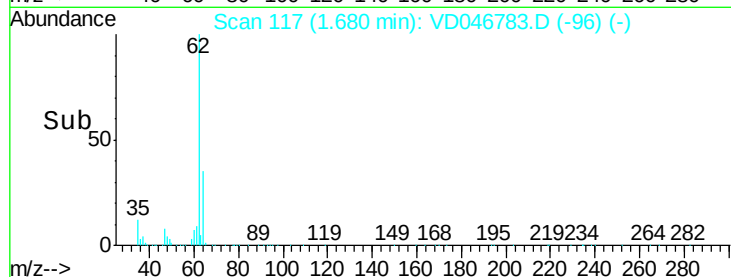
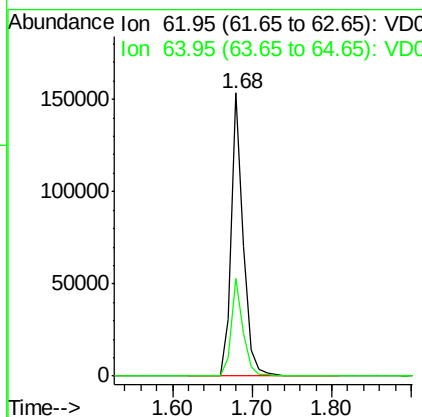
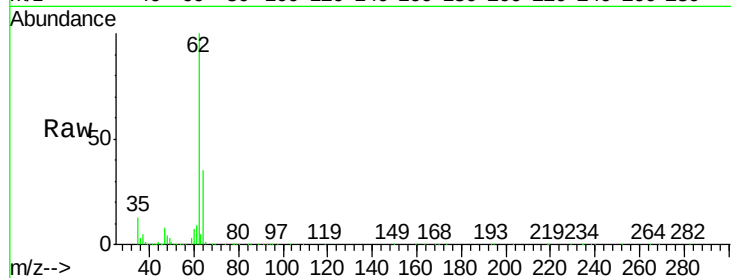
VSTDIC150

Tot Ion: 62 Resp: 163780

Ion Ratio Lower Upper

62 100

64 34.7 26.4 39.6



#6

Bromomethane

Concen: 136.65 ug/l

RT: 1.97 min Scan# 146

Delta R.T. -0.02 min

Lab File: VD046783.D

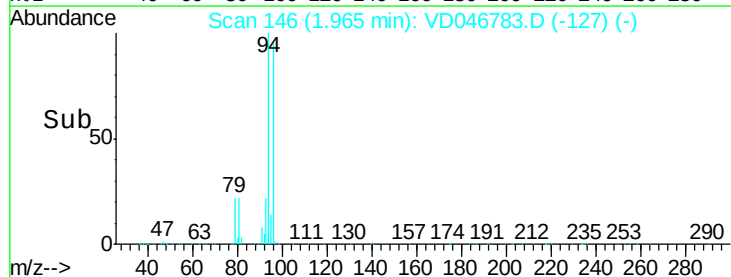
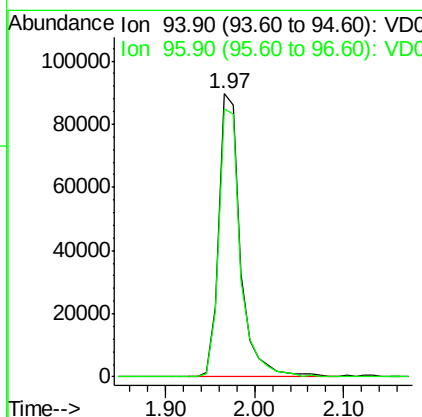
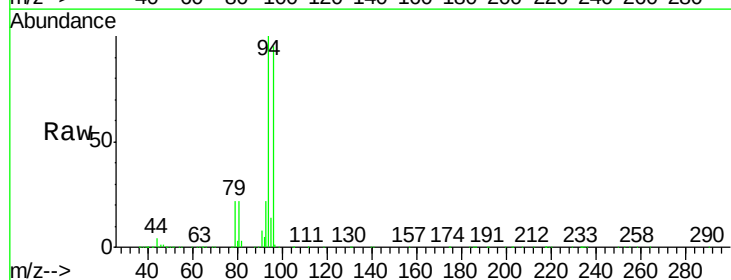
Acq: 18 Sep 2015 15:05

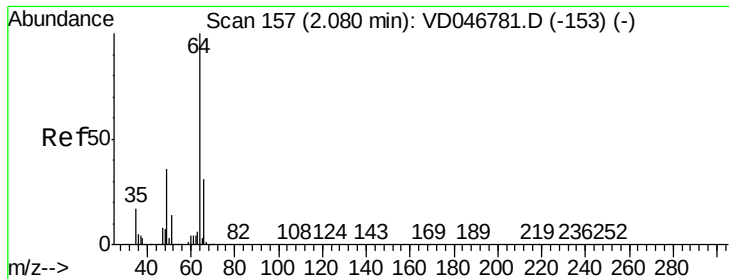
Tgt Ion: 94 Resp: 152084

Ion Ratio Lower Upper

94 100

96 94.7 76.0 114.0





#7

Chloroethane

Concen: 130.76 ug/l

RT: 2.08 min Scan# 158

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

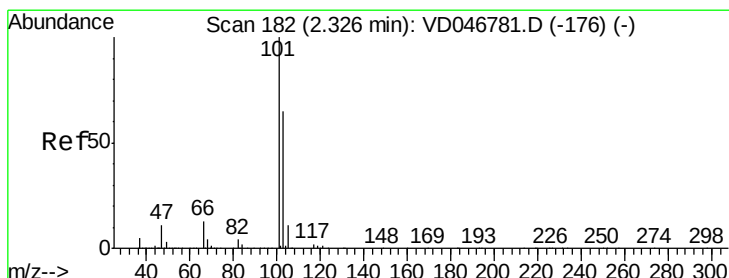
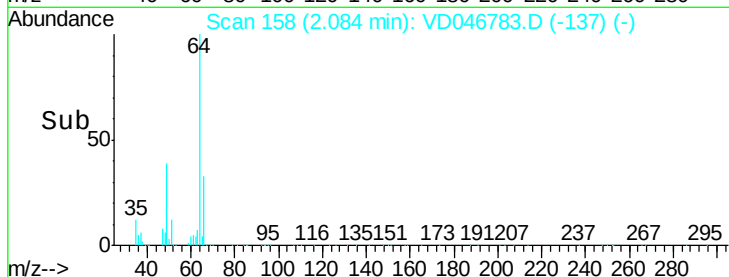
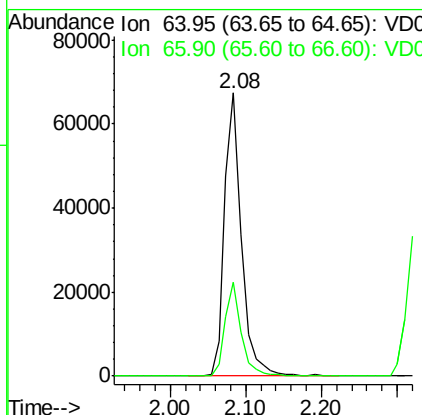
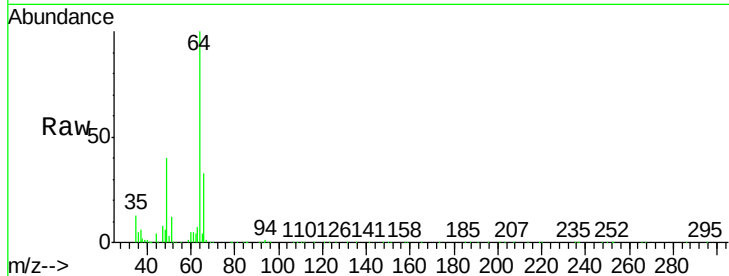
VSTDIC150

Tot Ion: 64 Resp: 105309

Ion Ratio Lower Upper

64 100

66 33.2 26.6 39.8



#8

Trichlorofluoromethane

Concen: 128.51 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD046783.D

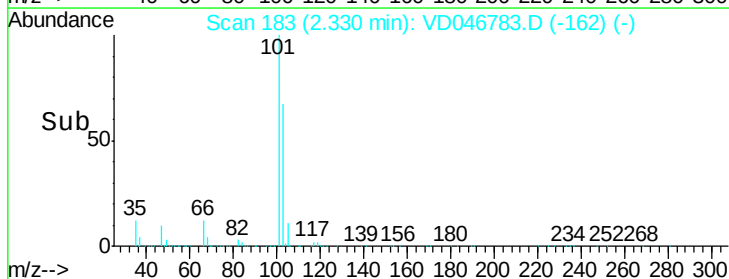
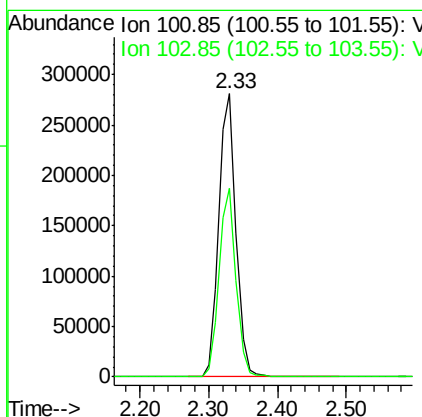
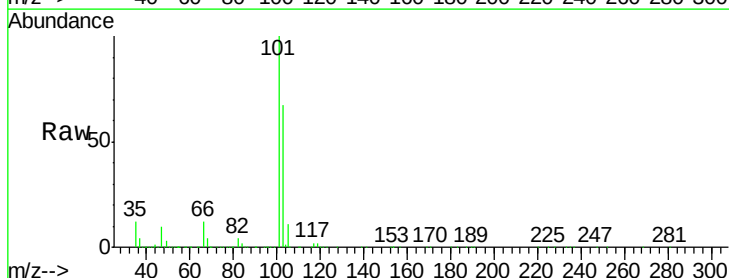
Acq: 18 Sep 2015 15:05

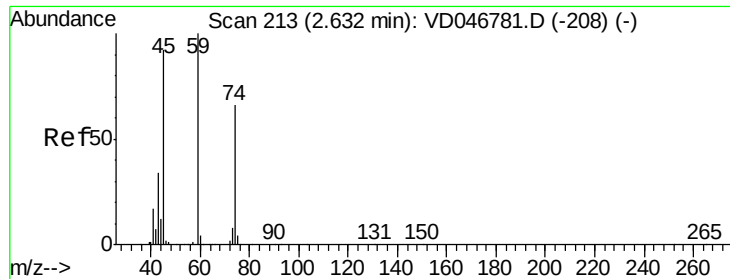
Tgt Ion: 101 Resp: 485656

Ion Ratio Lower Upper

101 100

103 66.6 53.2 79.8





#9

Diethyl Ether

Concen: 147.34 ug/l

RT: 2.64 min Scan# 214

Delta R.T. 0.00 min

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Acq: 18 Sep 2015 15:05

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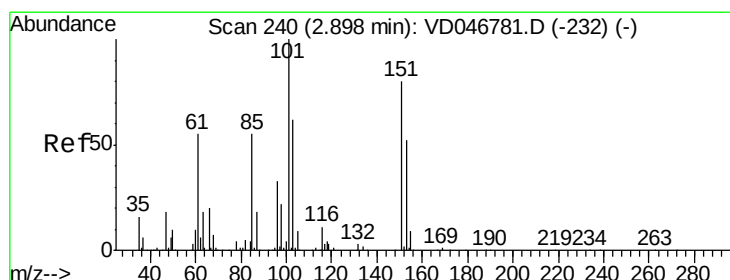
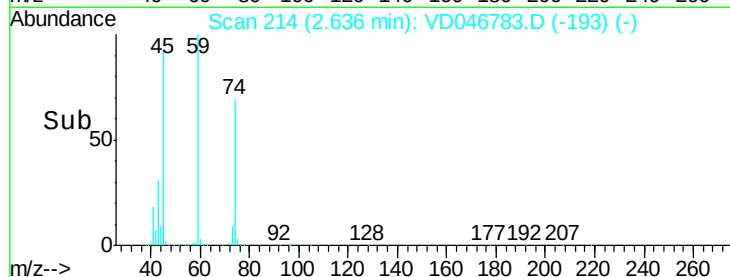
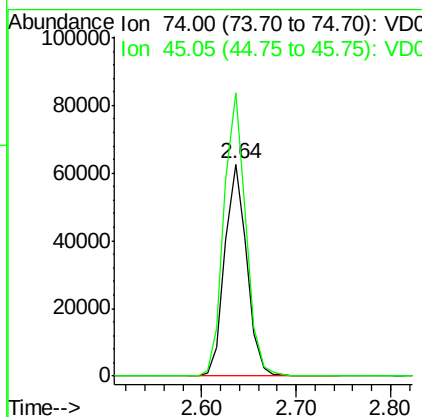
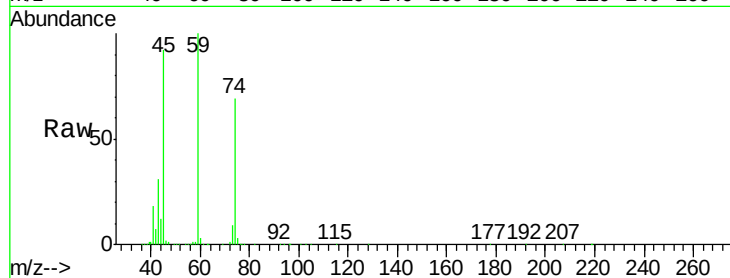
VSTDIC150

Tot Ion: 74 Resp: 100467

Ion Ratio Lower Upper

74 100

45 133.4 76.2 228.6



#10

1,1,2-Trichlorotrifluoroethane

Concen: 134.86 ug/l

RT: 2.89 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

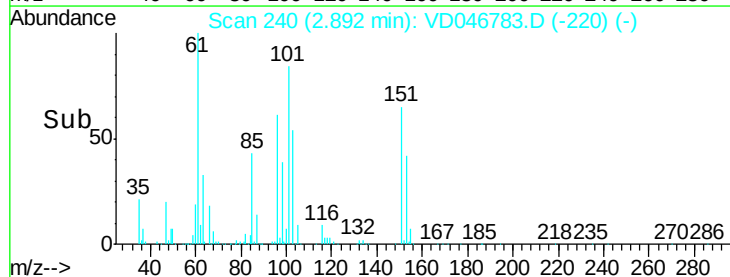
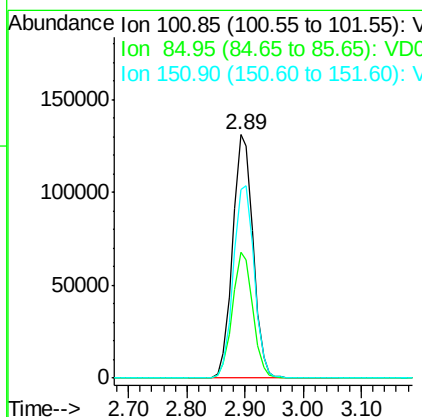
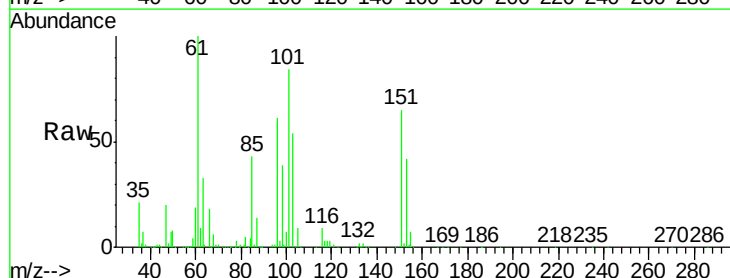
Tgt Ion: 101 Resp: 319660

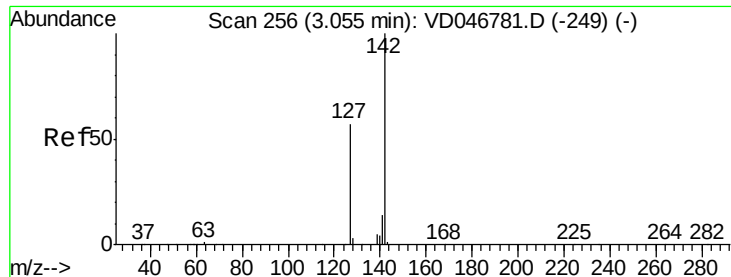
Ion Ratio Lower Upper

101 100

85 51.8 42.0 63.0

151 77.3 65.2 97.8

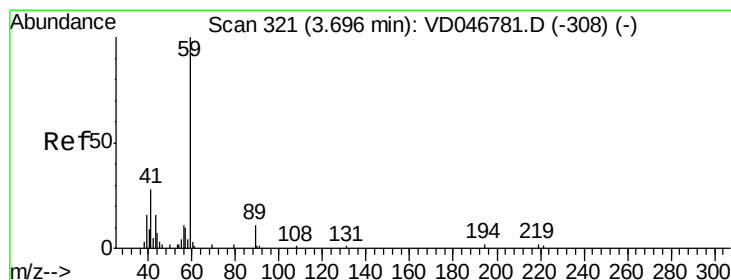
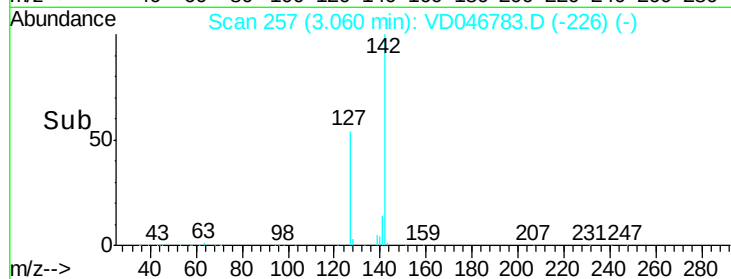
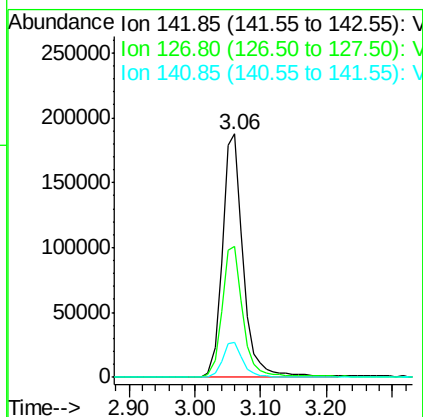
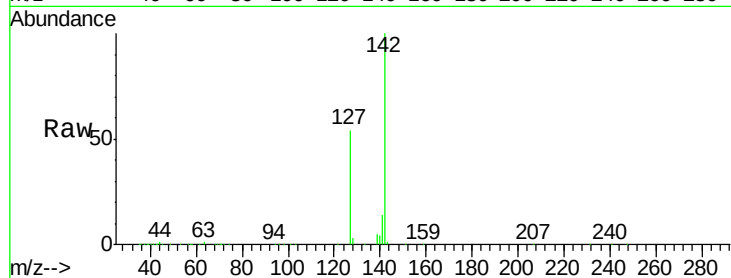




#11
Methvl Iodide
Concen: 139.60 ug/l
RT: 3.06 min Scan# 257
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

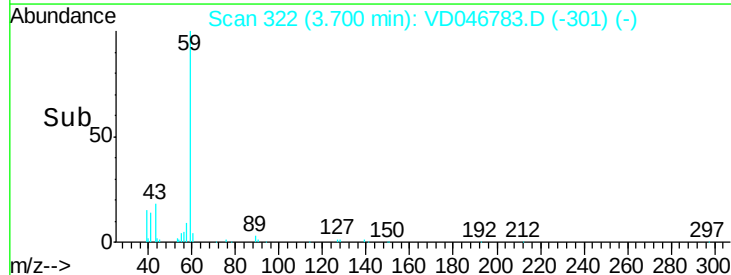
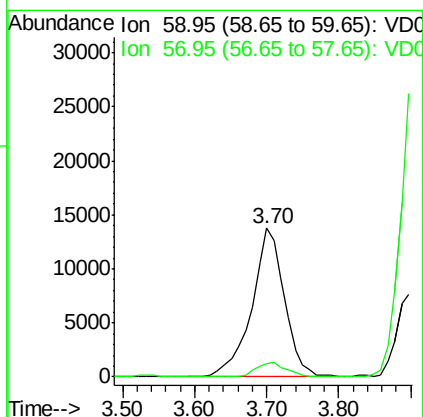
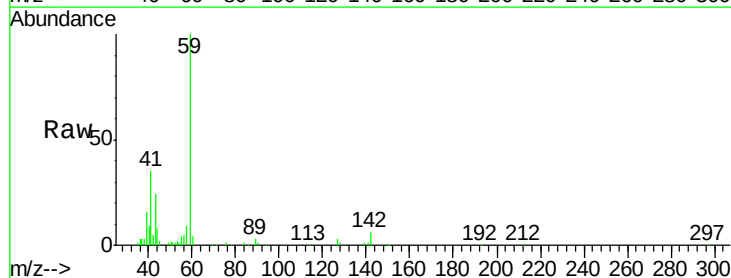
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

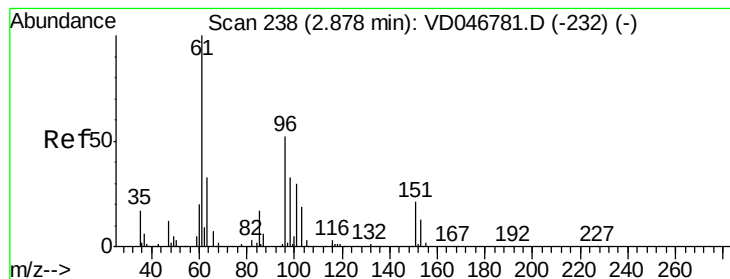
Tot Ion:142 Resp: 413352
Ion Ratio Lower Upper
142 100
127 53.6 41.2 61.8
141 14.1 11.6 17.4



#12
Tert butyl alcohol
Concen: 708.92 ug/l
RT: 3.70 min Scan# 322
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 59 Resp: 43511
Ion Ratio Lower Upper
59 100
57 8.8 7.8 11.6





#13

1,1-Dichloroethene

Concen: 140.09 ug/l

RT: 2.88 min Scan# 239

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

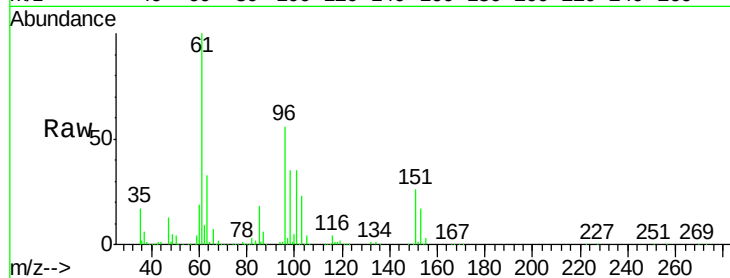
Tot Ion: 96 Resp: 263635

Ion Ratio Lower Upper

96 100

61 179.9 152.2 228.4

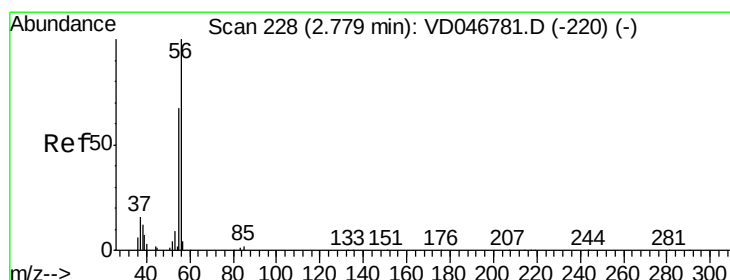
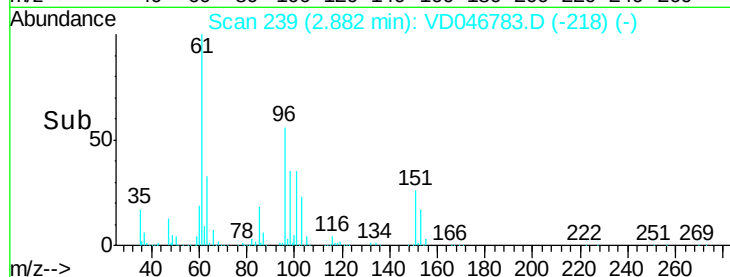
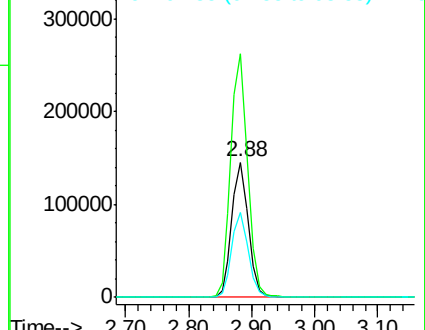
98 62.9 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#14

Acrolein

Concen: 673.64 ug/l

RT: 2.78 min Scan# 229

Delta R.T. 0.00 min

Lab File: VD046783.D

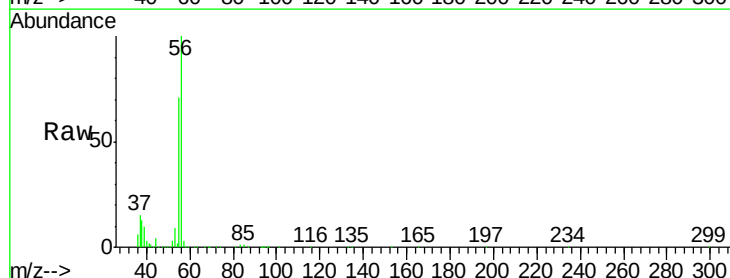
Acq: 18 Sep 2015 15:05

Tgt Ion: 56 Resp: 85891

Ion Ratio Lower Upper

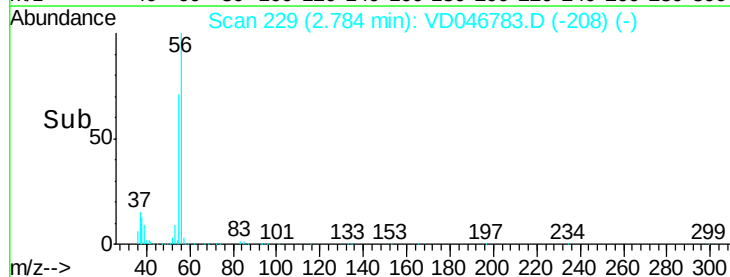
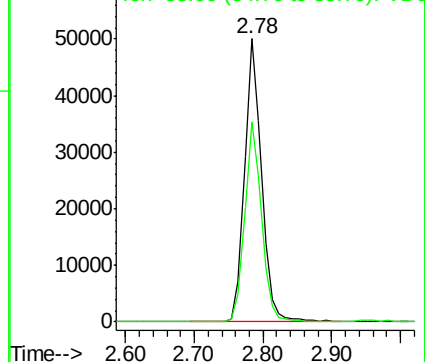
56 100

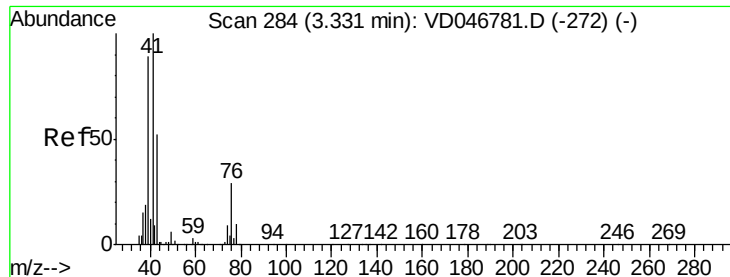
55 70.7 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

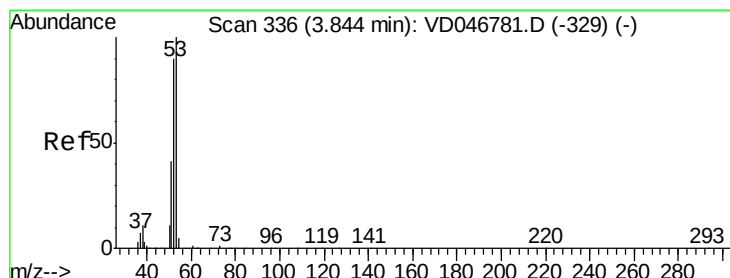
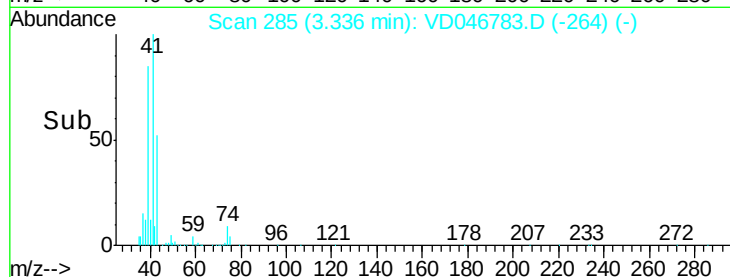
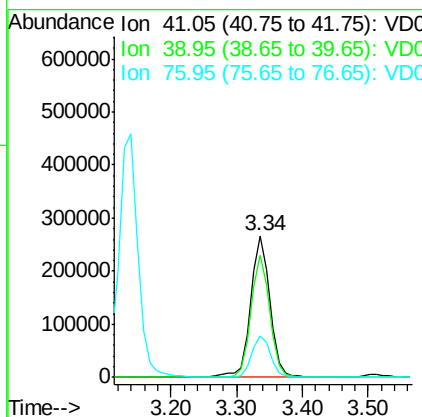
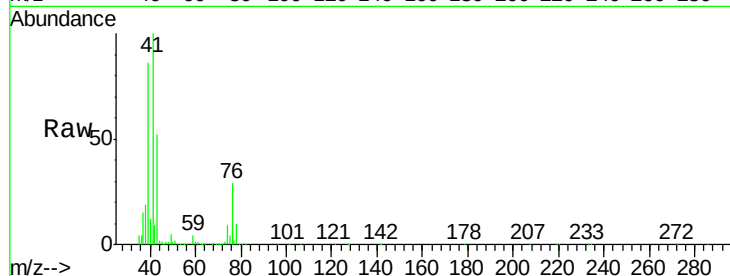




#15
 Allvl chloride
 Concen: 146.07 ug/l
 RT: 3.34 min Scan# 285
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

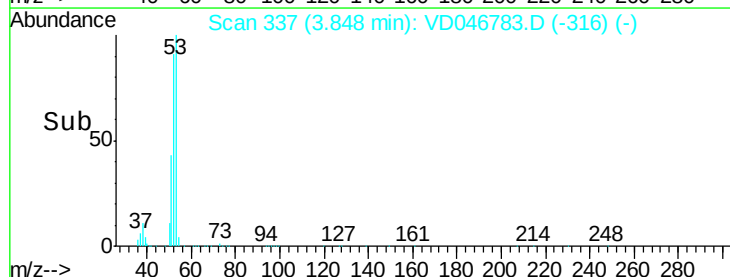
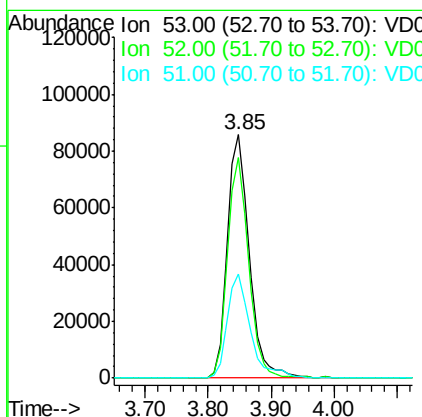
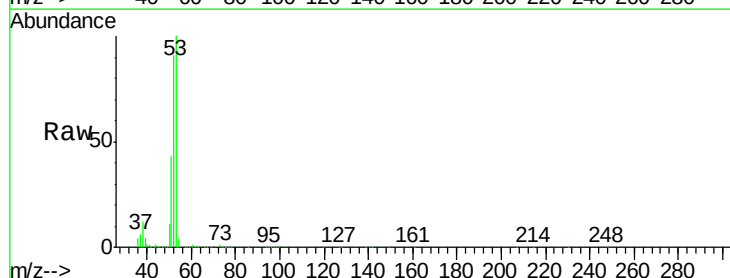
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

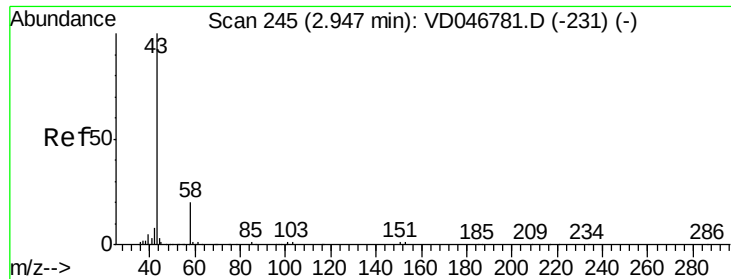
Tot Ion: 41 Resp: 551284
 Ion Ratio Lower Upper
 41 100
 39 85.6 58.8 88.2
 76 29.4 22.7 34.1



#16
 Acrylonitrile
 Concen: 752.70 ug/l
 RT: 3.85 min Scan# 337
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion: 53 Resp: 207064
 Ion Ratio Lower Upper
 53 100
 52 90.8 66.8 100.2
 51 42.7 31.2 46.8

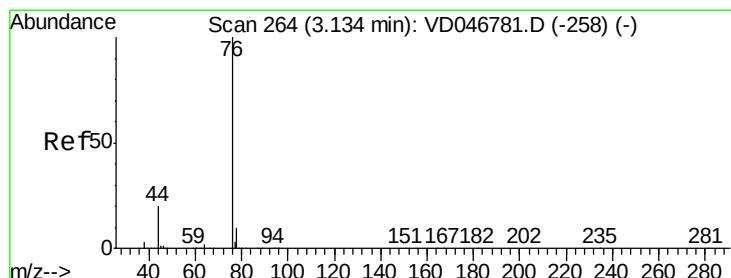
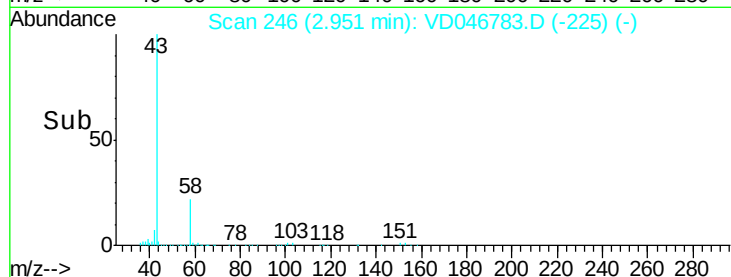
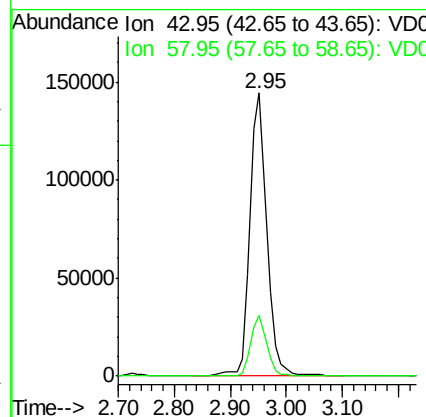
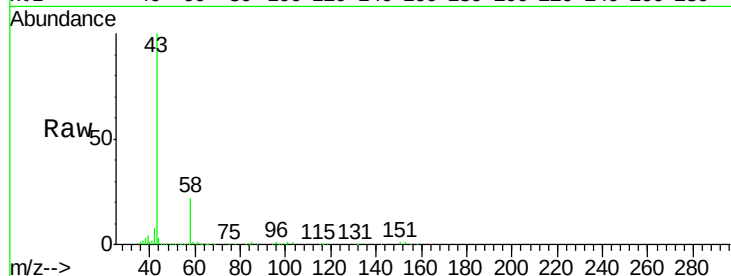




#17
Acetone
Concen: 774.71 ug/l
RT: 2.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

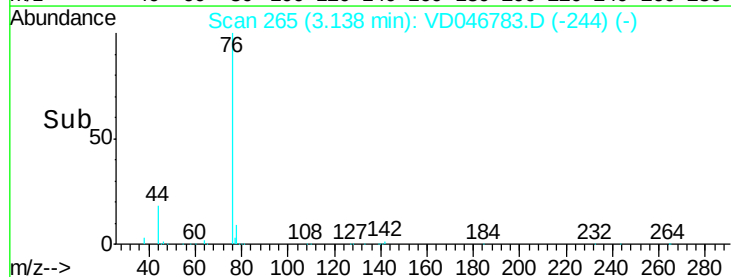
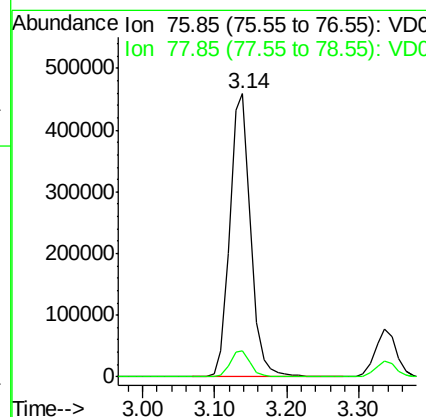
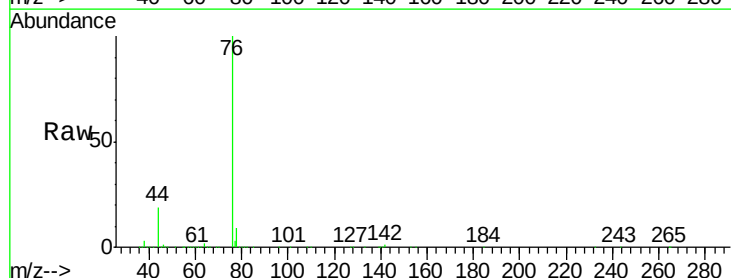
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

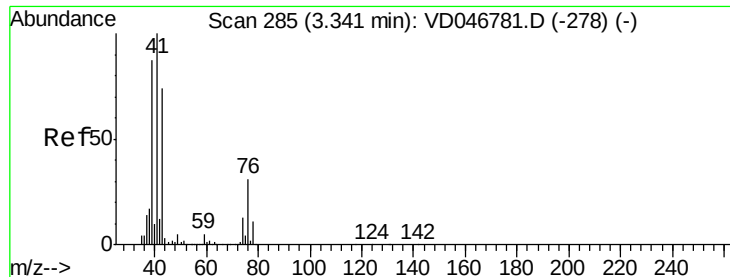
Tot Ion: 43 Resp: 302538
Ion Ratio Lower Upper
43 100
58 21.7 16.6 24.8



#18
Carbon Disulfide
Concen: 131.20 ug/l
RT: 3.14 min Scan# 265
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 76 Resp: 914988
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0





#19

Methyl Acetate

Concen: 139.19 ug/l

RT: 3.35 min Scan# 286

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

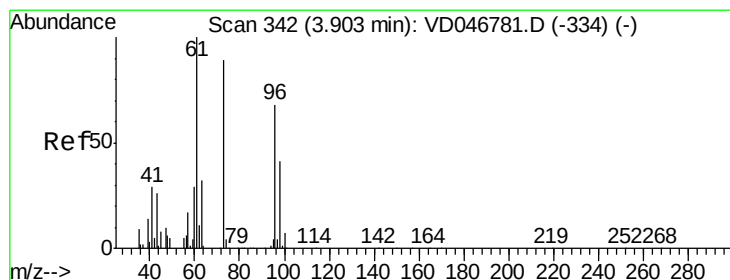
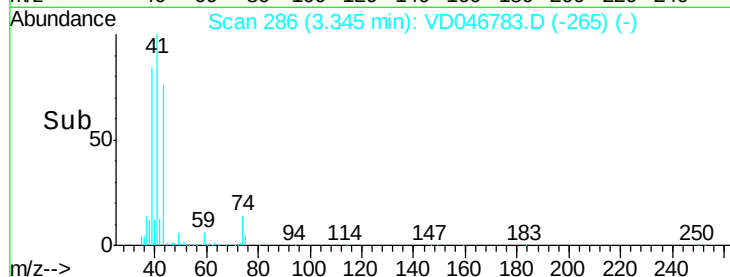
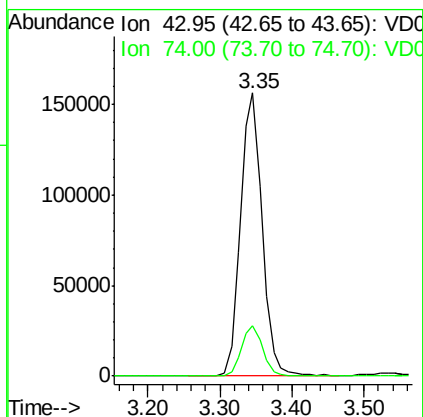
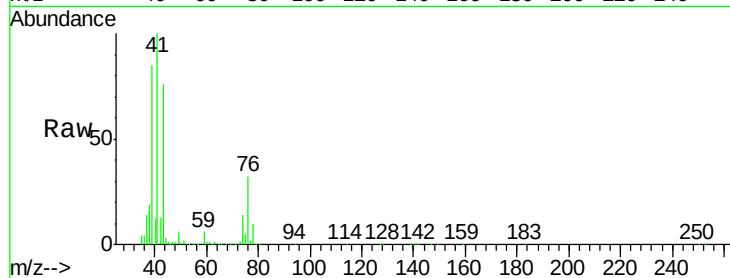
VSTDIC150

Tot Ion: 43 Resp: 329344

Ion Ratio Lower Upper

43 100

74 17.9 13.7 20.5



#20

Methyl tert-butyl Ether

Concen: 155.59 ug/l

RT: 3.91 min Scan# 343

Delta R.T. 0.00 min

Lab File: VD046783.D

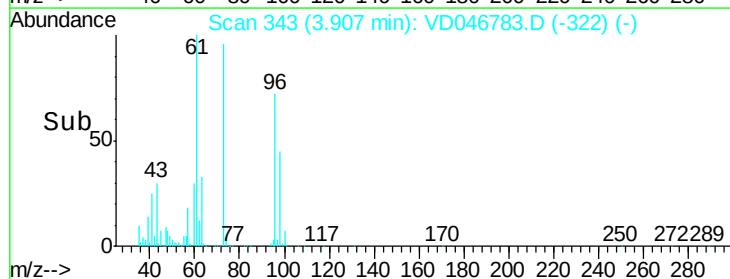
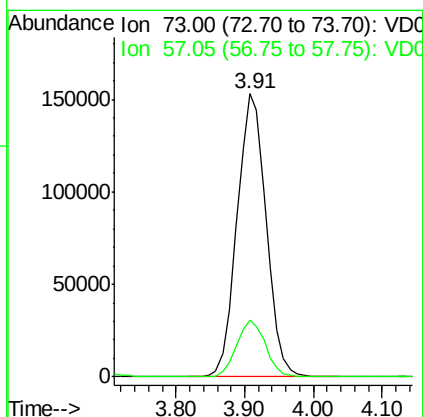
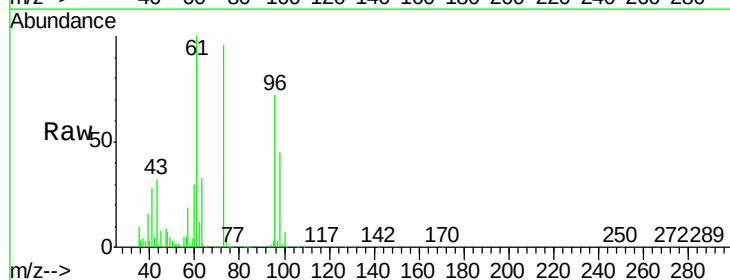
Acq: 18 Sep 2015 15:05

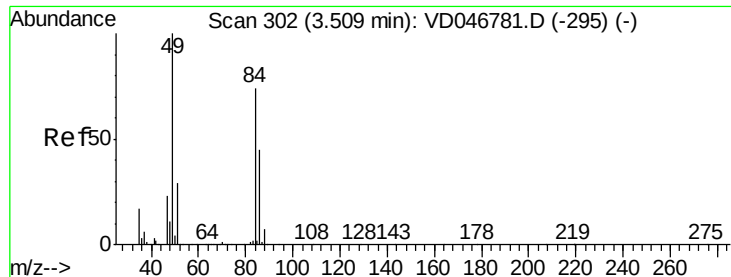
Tgt Ion: 73 Resp: 446791

Ion Ratio Lower Upper

73 100

57 20.0 18.1 27.1

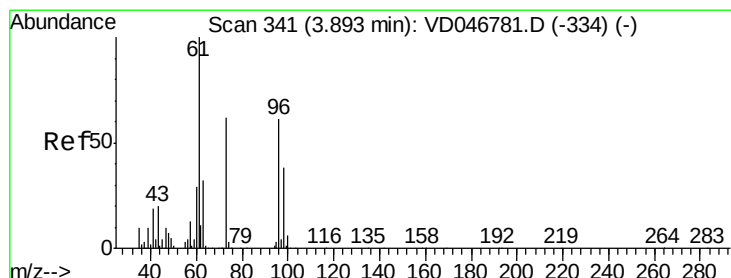
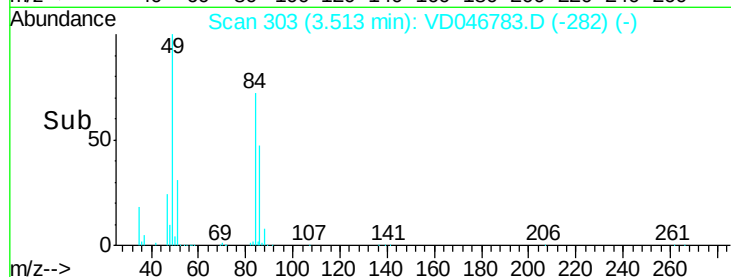
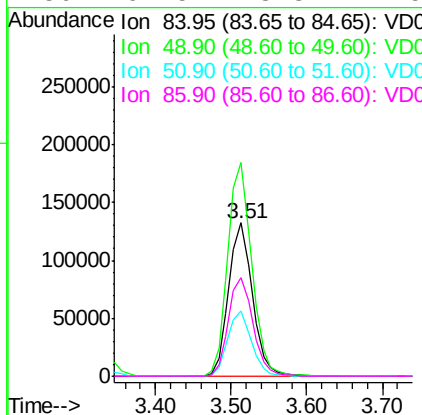
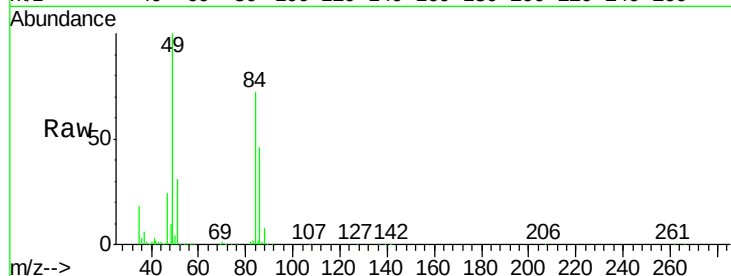




#21
Methylene Chloride
Concen: 131.30 ug/l
RT: 3.51 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

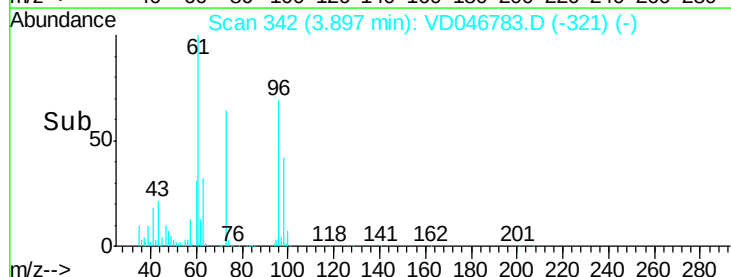
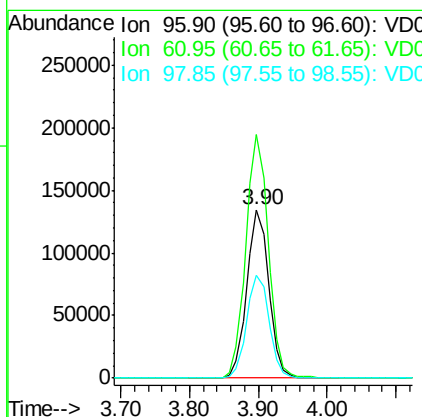
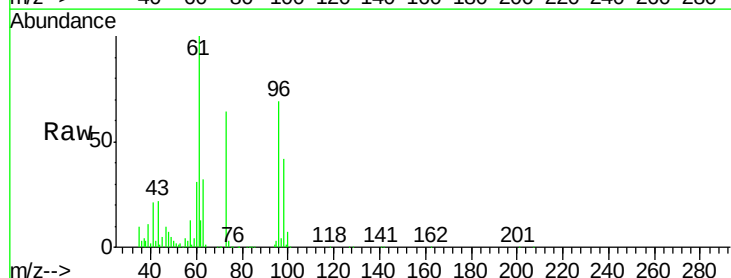
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

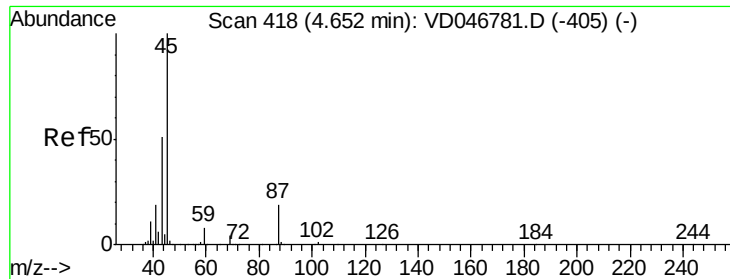
Tot Ion:	84	Resp:	288837
Ion	Ratio	Lower	Upper
84	100		
49	139.2	122.1	183.1
51	42.7	33.6	50.4
86	64.5	48.3	72.5



#22
trans-1,2-Dichloroethene
Concen: 142.17 ug/l
RT: 3.90 min Scan# 342
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion:	96	Resp:	300911
Ion	Ratio	Lower	Upper
96	100		
61	144.3	125.8	188.6
98	61.2	54.5	81.7

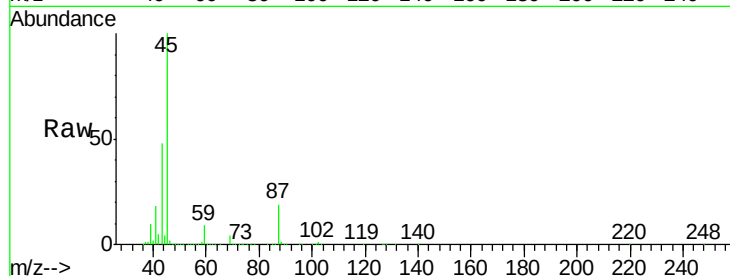




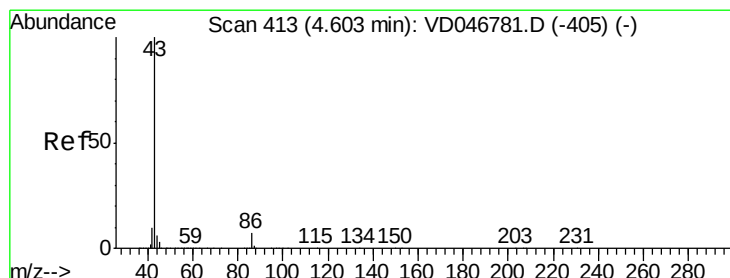
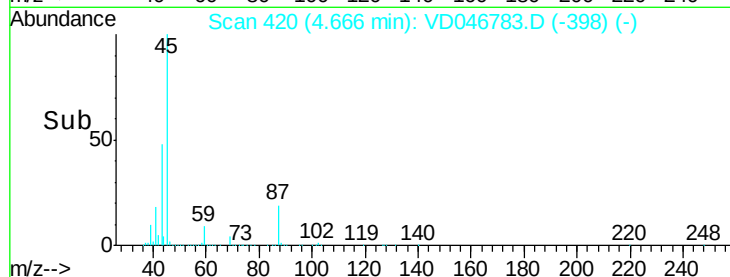
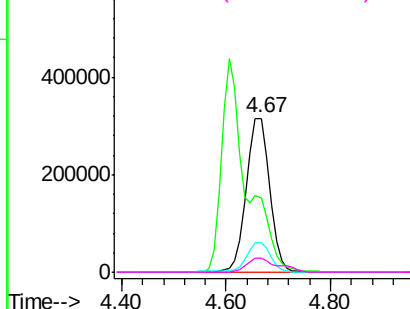
#23
Diisopropyl ether
Concen: 150.27 ug/l
RT: 4.67 min Scan# 420
Delta R.T. 0.01 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:	45	Resp:	946732
Ion	Ratio	Lower	Upper
45	100		
43	47.8	35.9	53.9
87	19.4	13.0	19.6
59	9.3	7.0	10.6

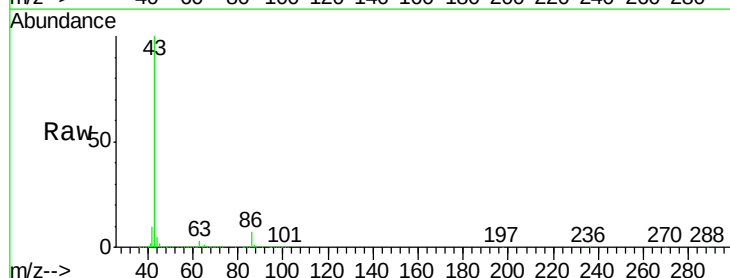


Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

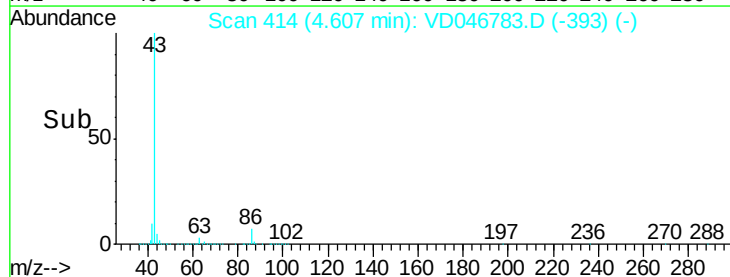
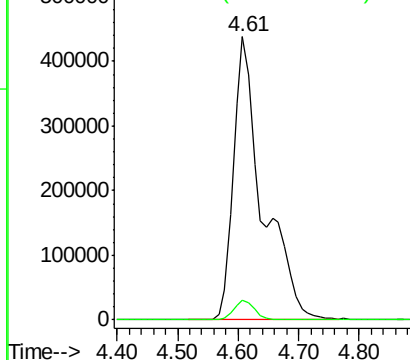


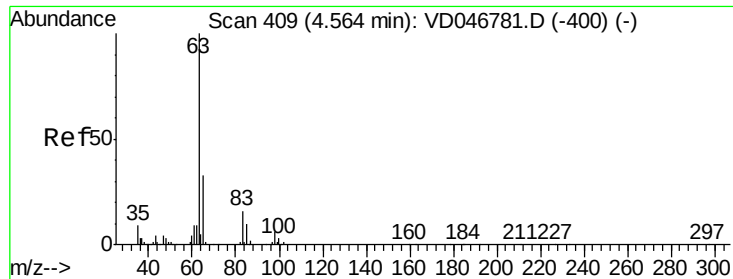
#24
Vinyl Acetate
Concen: 987.86 ug/l
RT: 4.61 min Scan# 414
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion:	43	Resp:	1466950
Ion	Ratio	Lower	Upper
43	100		
86	7.2	4.9	7.3



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 86.00 (85.70 to 86.70): VDC

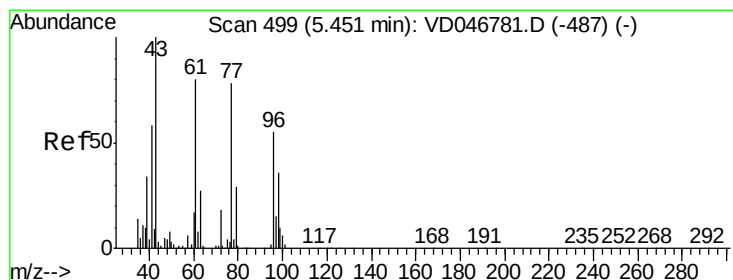
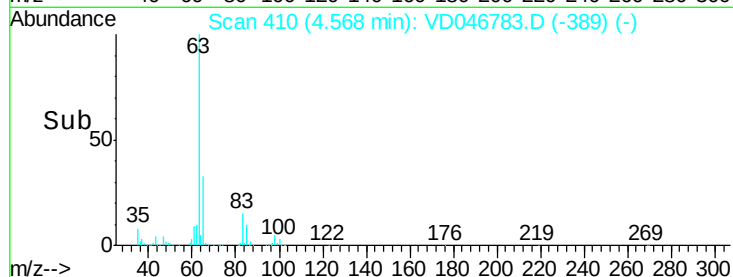
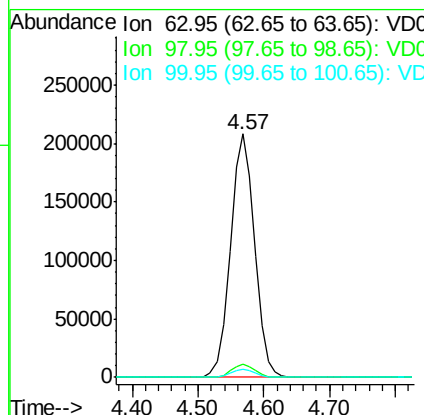
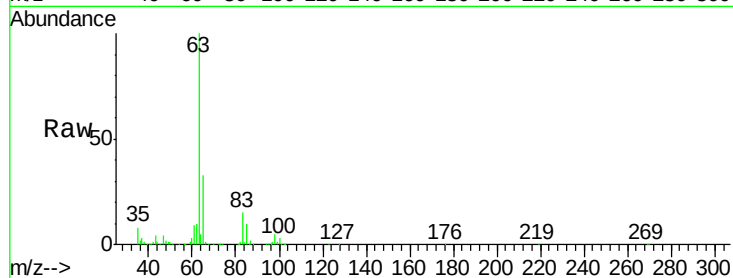




#25
 1,1-Dichloroethane
 Concen: 138.57 ug/l
 RT: 4.57 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

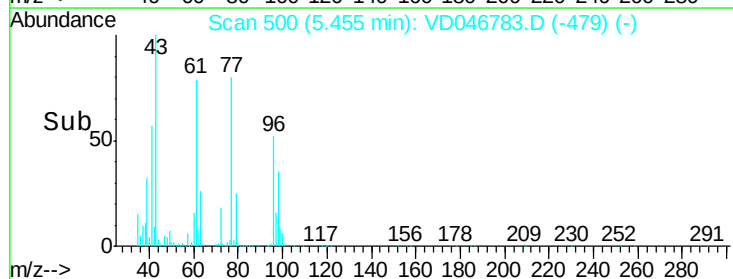
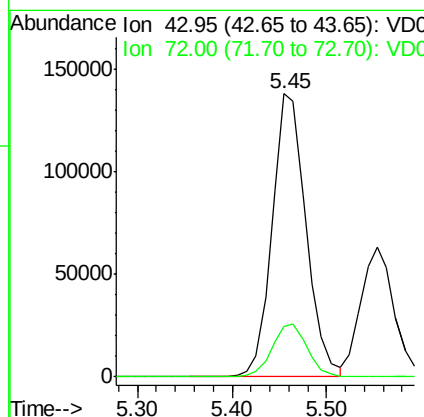
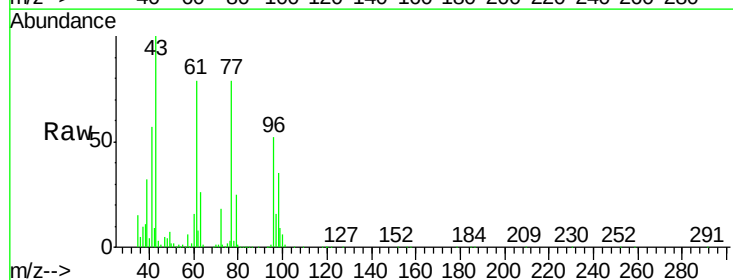
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

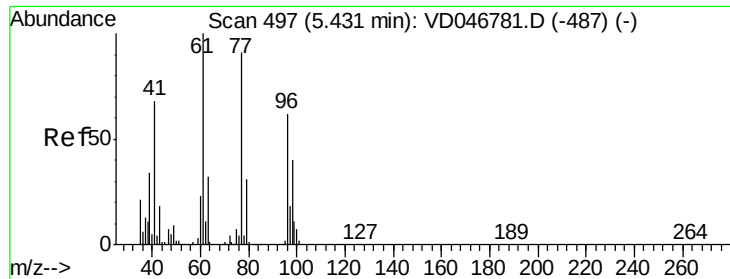
Tot Ion: 63 Resp: 534431
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.5 7.5
 100 3.5 1.5 4.5



#26
 2-Butanone
 Concen: 754.43 ug/l
 RT: 5.45 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion: 43 Resp: 342782
 Ion Ratio Lower Upper
 43 100
 72 18.0 13.4 20.0

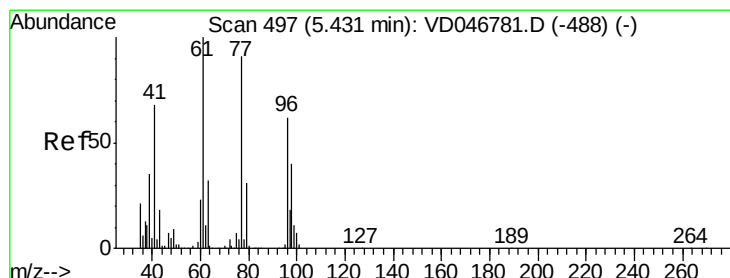
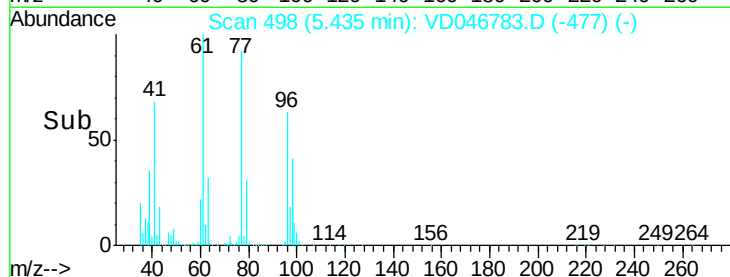
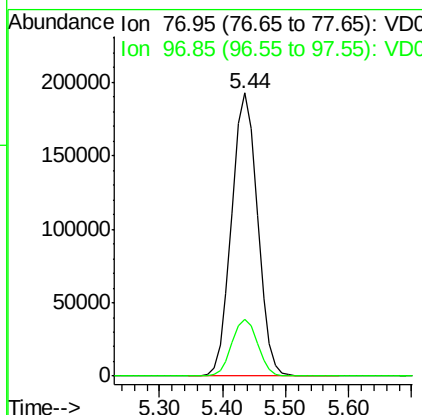
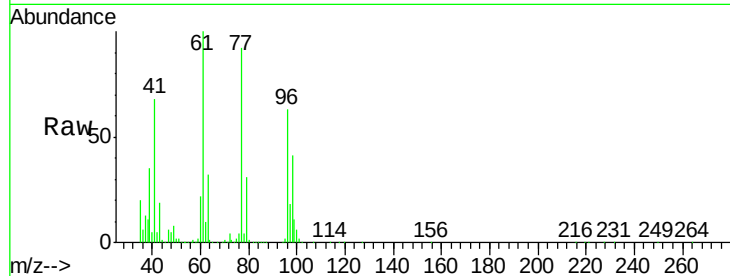




#27
 2,2-Dichloropropane
 Concen: 139.22 ug/l
 RT: 5.44 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

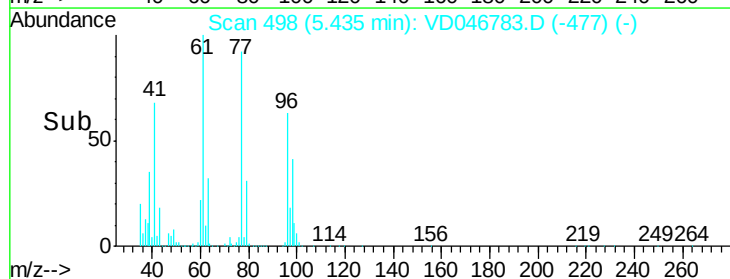
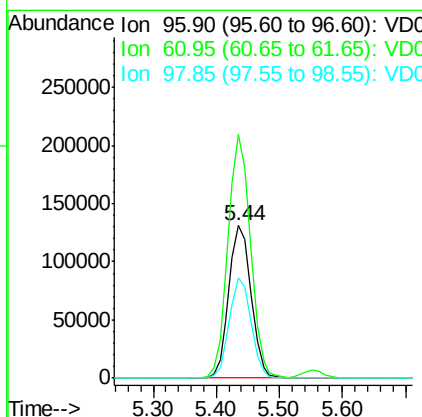
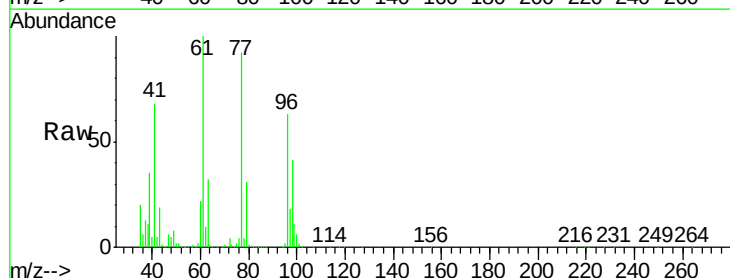
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

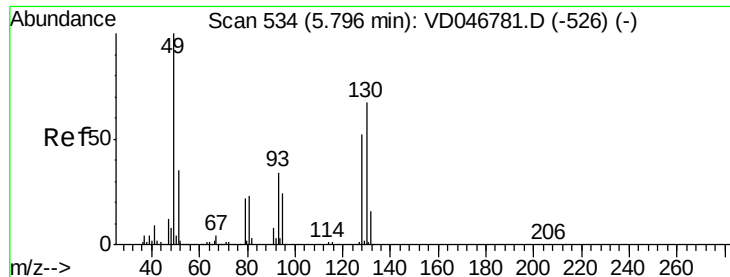
Tot Ion: 77 Resp: 548794
 Ion Ratio Lower Upper
 77 100
 97 19.9 10.4 31.1



#28
 cis-1,2-Dichloroethene
 Concen: 145.63 ug/l
 RT: 5.44 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion: 96 Resp: 320268
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 348.0
 98 65.6 0.0 128.8





#29

Bromochloromethane

Concen: 132.37 ug/l

RT: 5.80 min Scan# 535

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

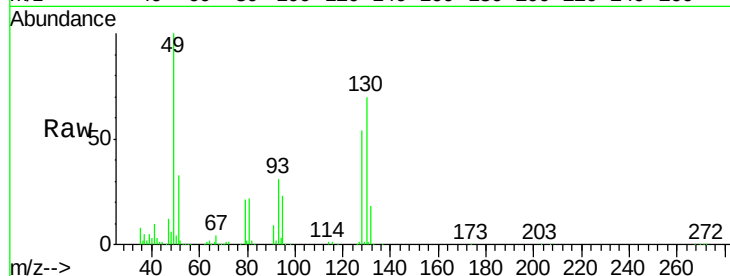
Tot Ion: 49 Resp: 205740

Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.8

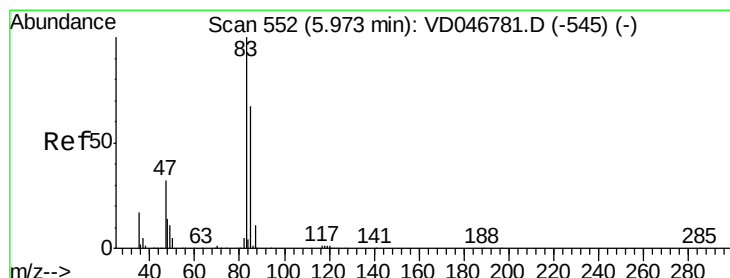
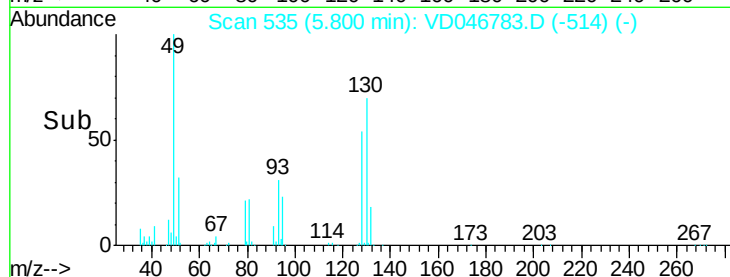
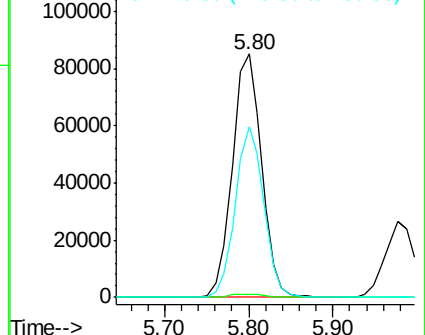
130 70.0 50.2 75.4



Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): VDC

Ion 129.80 (129.50 to 130.50): VDC



#30

Chloroform

Concen: 135.47 ug/l

RT: 5.98 min Scan# 553

Delta R.T. 0.00 min

Lab File: VD046783.D

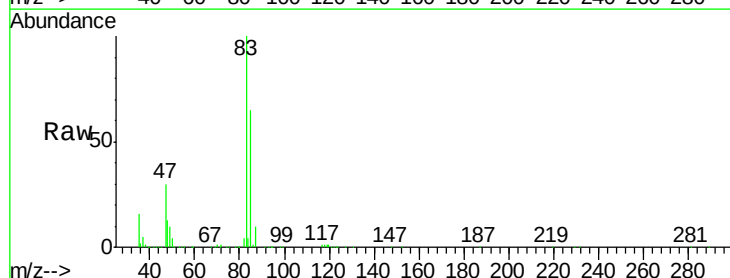
Acq: 18 Sep 2015 15:05

Tgt Ion: 83 Resp: 634569

Ion Ratio Lower Upper

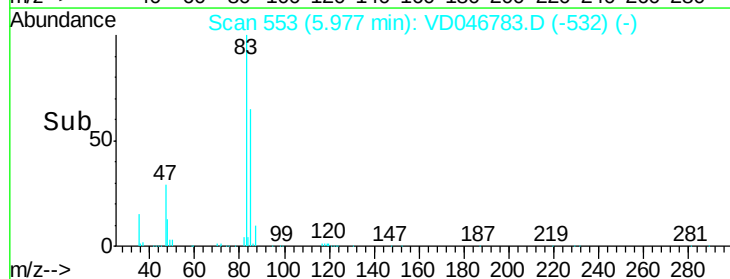
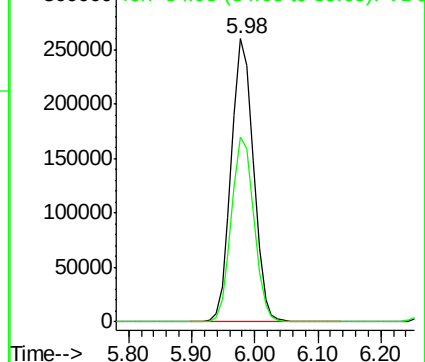
83 100

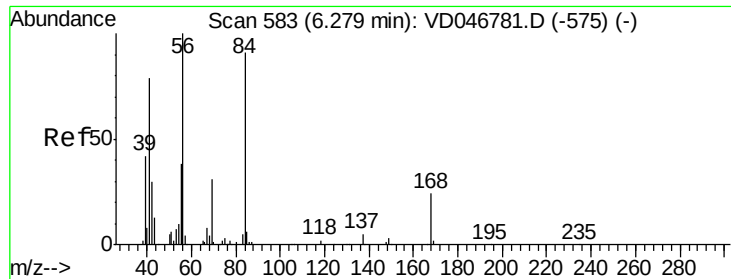
85 65.2 52.5 78.7



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

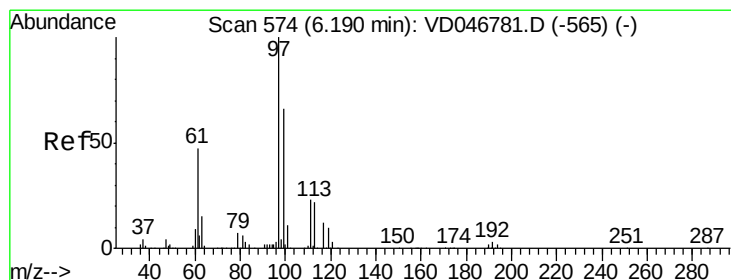
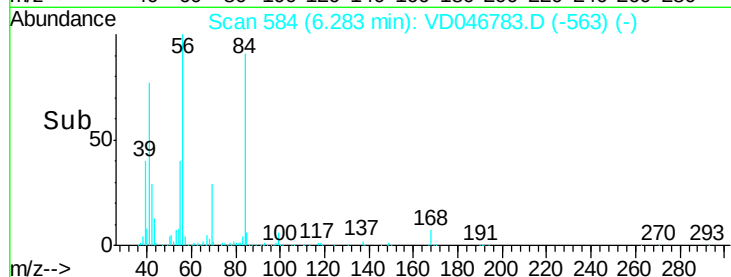
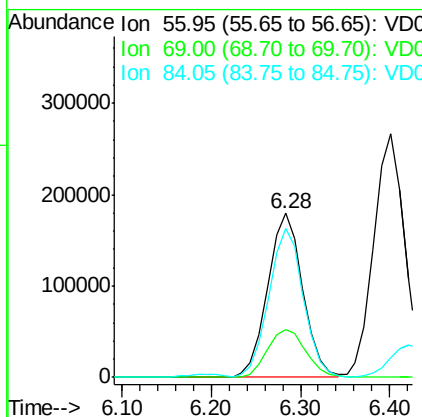
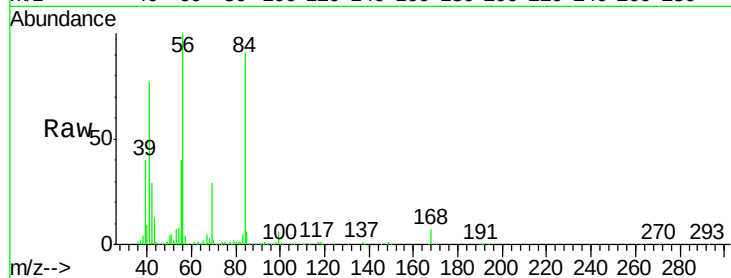




#31
Cyclohexane
Concen: 136.40 ug/l
RT: 6.28 min Scan# 584
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

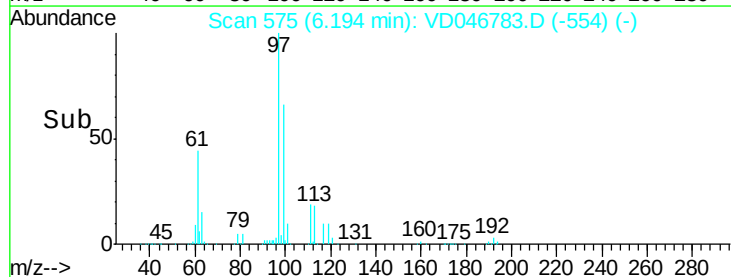
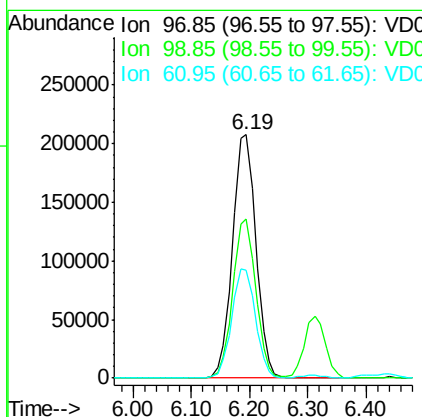
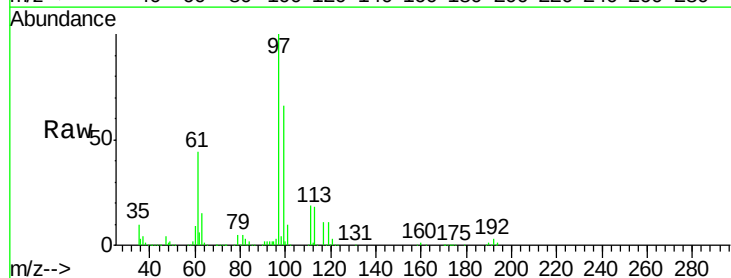
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

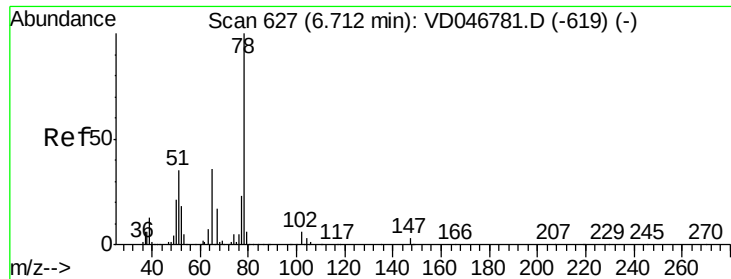
Tot Ion	56	Resp	489085
Ion Ratio	Lower	Upper	
56	100		
69	29.4	23.4	35.0
84	90.8	63.8	95.8



#32
1,1,1-Trichloroethane
Concen: 141.58 ug/l
RT: 6.19 min Scan# 575
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion	97	Resp	583086
Ion Ratio	Lower	Upper	
97	100		
99	65.5	50.2	75.4
61	44.4	38.6	57.8

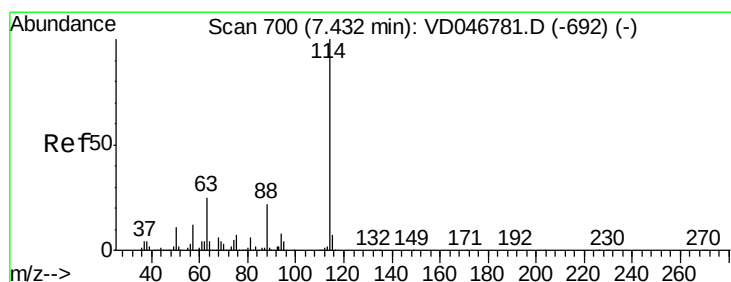
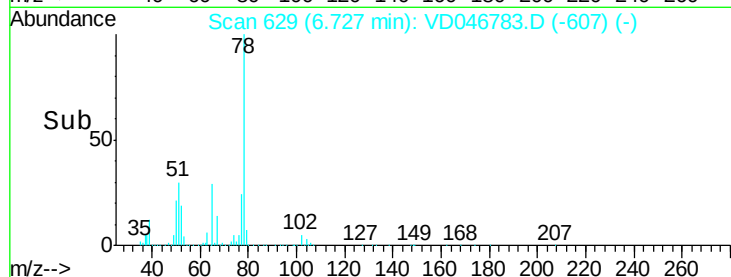
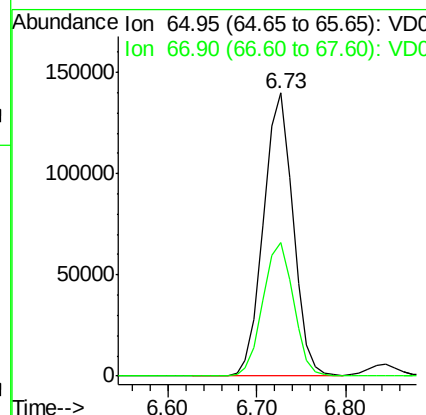
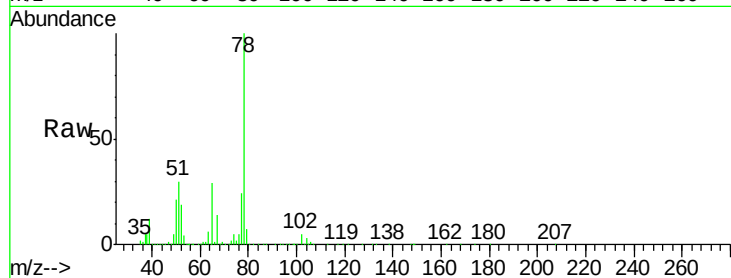




#33
 1,2-Dichloroethane-d4
 Concen: 141.58 ug/l
 RT: 6.73 min Scan# 629
 Delta R.T. 0.01 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

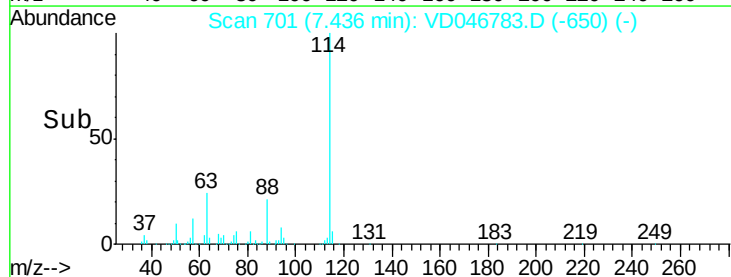
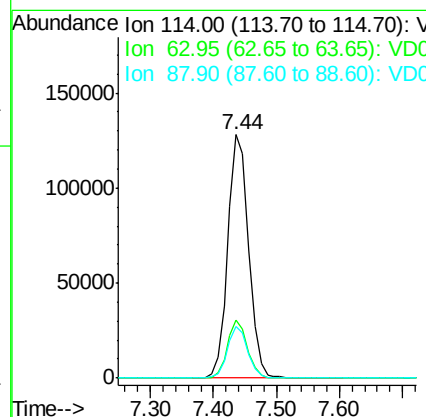
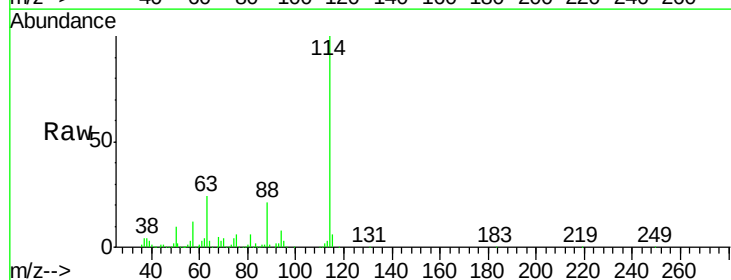
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

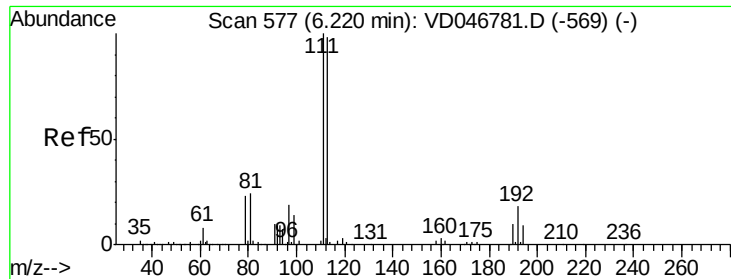
Tot Ion: 65 Resp: 320277
 Ion Ratio Lower Upper
 65 100
 67 47.1 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion: 114 Resp: 293152
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.8
 88 21.1 0.0 43.6

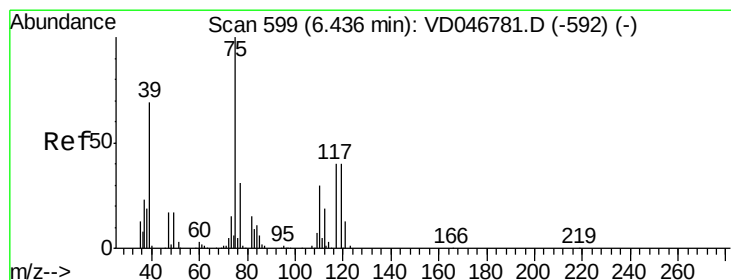
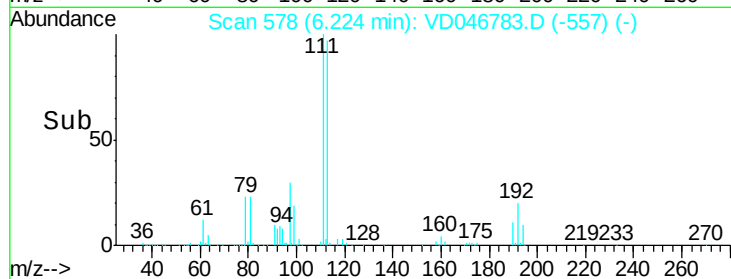
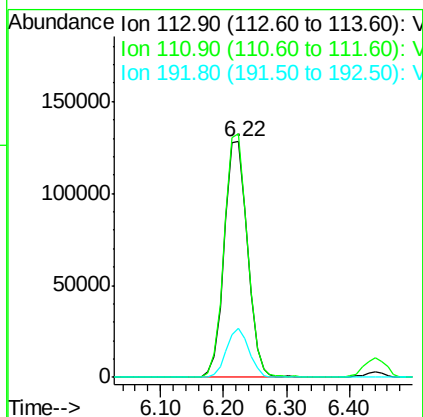
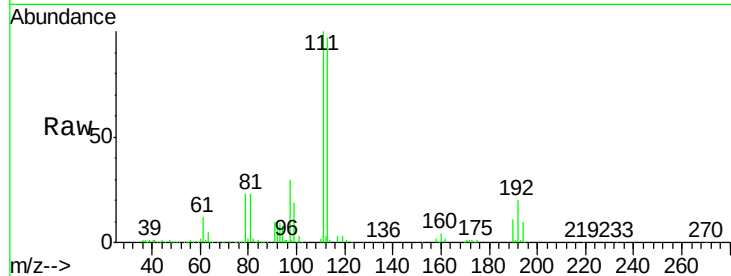




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.22 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

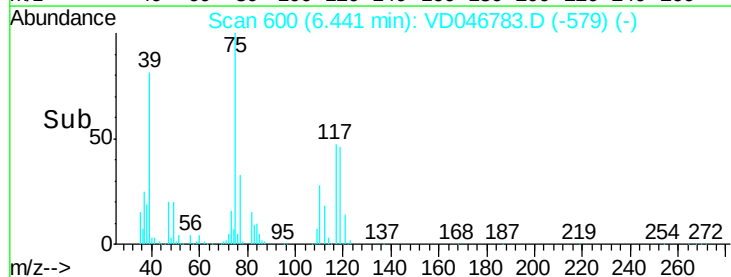
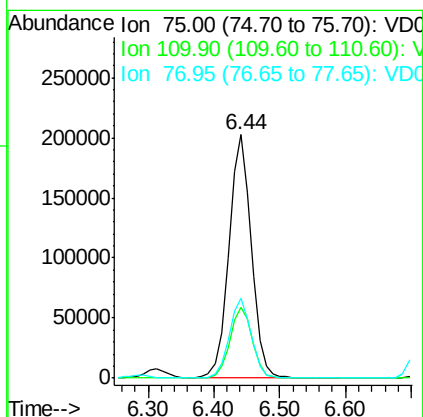
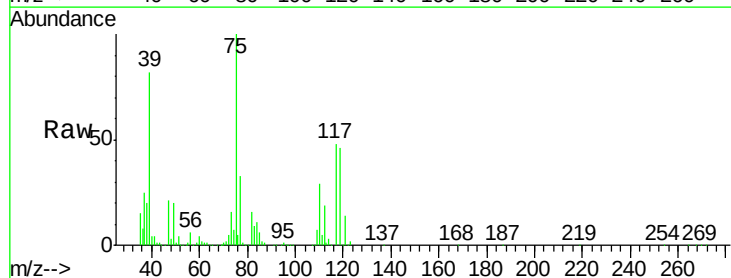
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

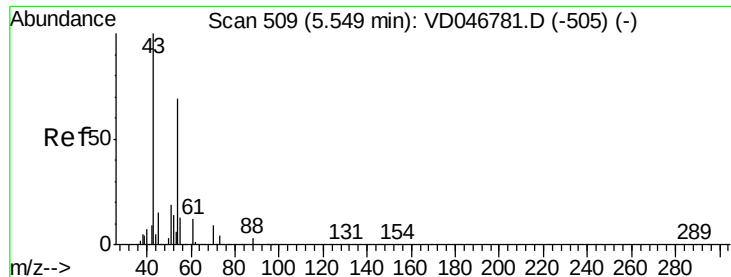
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	79.4	119.0
192	20.6	14.6	22.0



#36
 1,1-Dichloropropene
 Concen: 138.21 ug/l
 RT: 6.44 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	29.2	13.7	41.0
77	32.8	24.7	37.1

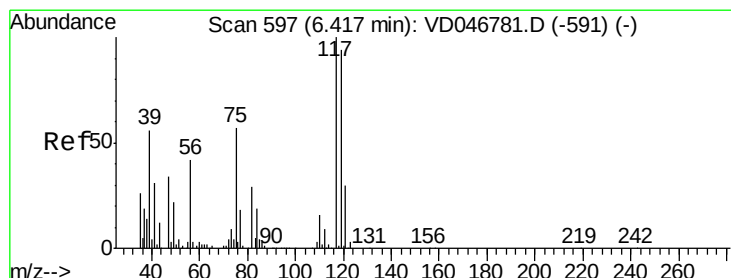
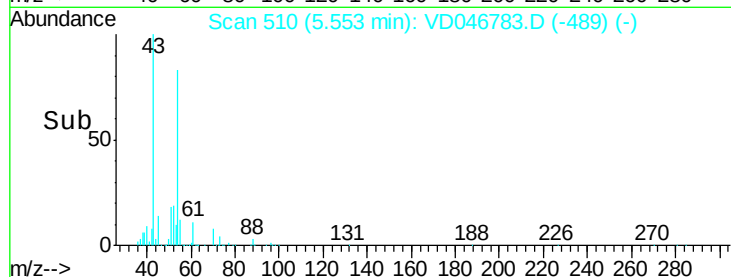
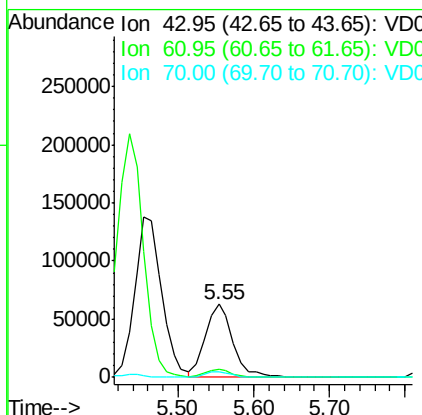
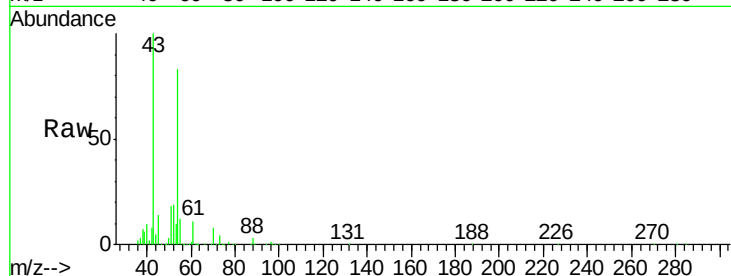




#37
Ethyl Acetate
Concen: 147.63 ug/l
RT: 5.55 min Scan# 510
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

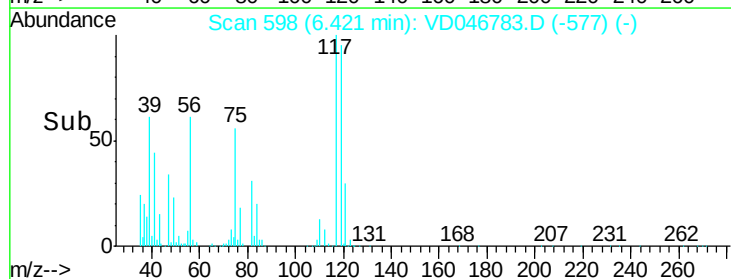
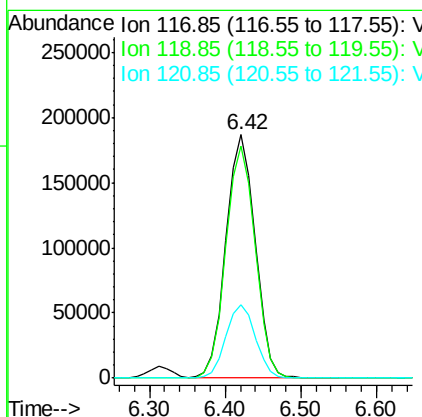
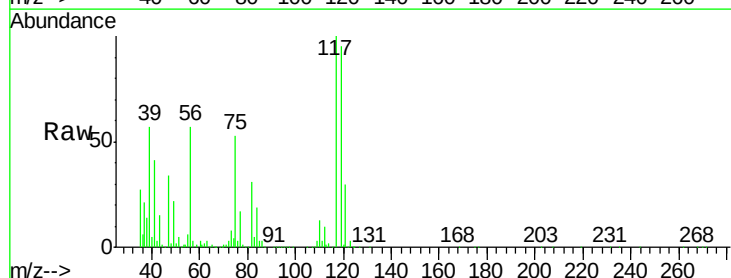
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

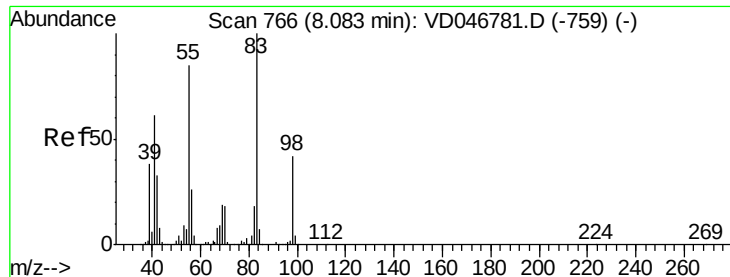
Tot Ion: 43 Resp: 158591
Ion Ratio Lower Upper
43 100
61 10.9 9.4 14.2
70 8.3 6.0 9.0



#38
Carbon Tetrachloride
Concen: 138.41 ug/l
RT: 6.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 117 Resp: 497925
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.4
121 30.0 24.5 36.7

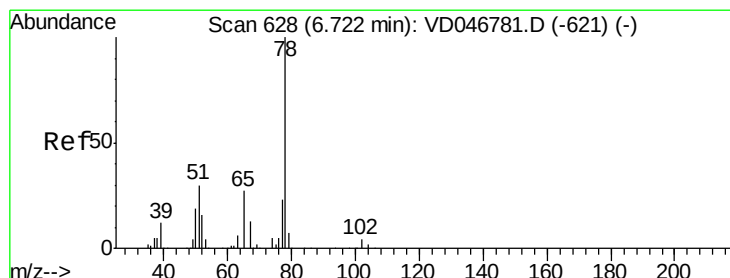
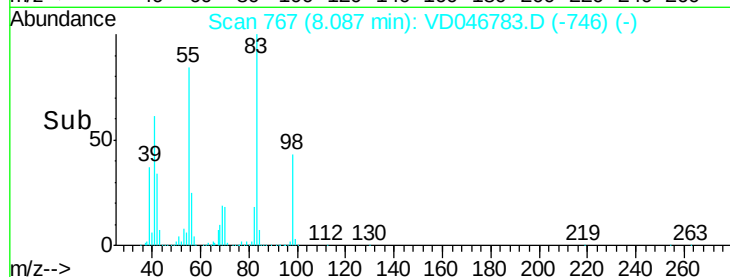
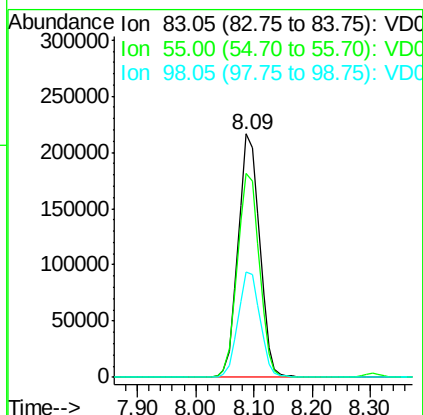
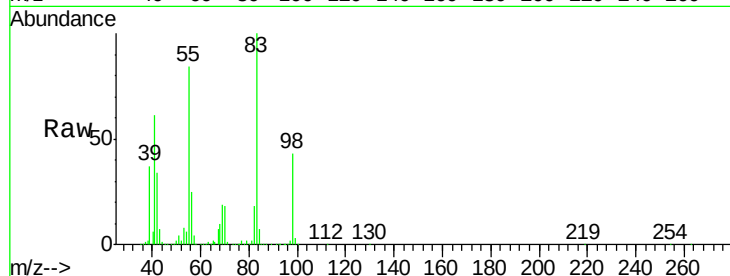




#39
Methylvlcyclohexane
Concen: 159.66 ug/l
RT: 8.09 min Scan# 767
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

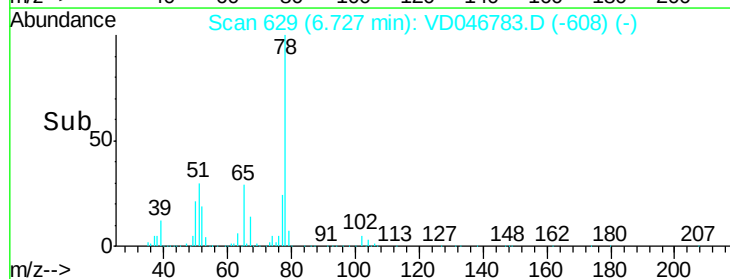
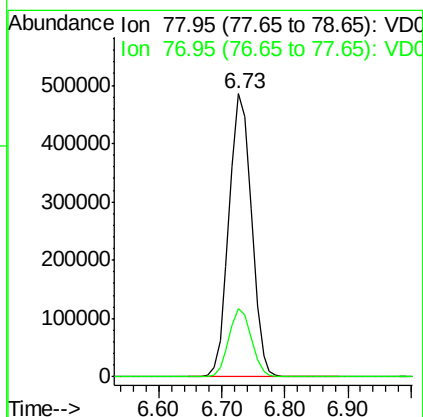
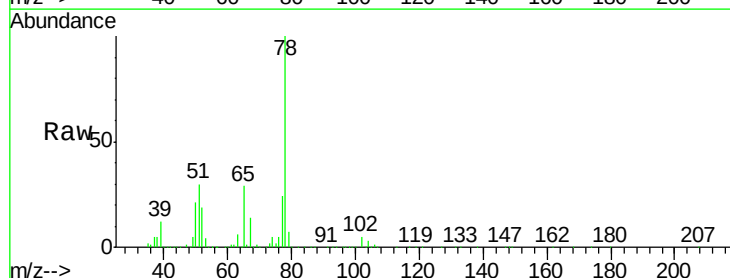
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

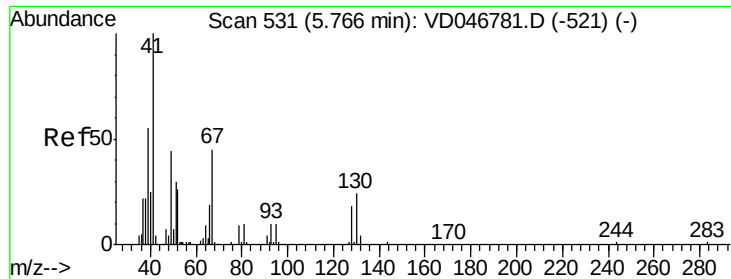
Tot Ion: 83 Resp: 559475
Ion Ratio Lower Upper
83 100
55 83.9 71.1 106.7
98 43.2 34.6 51.8



#40
Benzene
Concen: 134.08 ug/l
RT: 6.73 min Scan# 629
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 78 Resp: 1201759
Ion Ratio Lower Upper
78 100
77 24.2 19.9 29.9

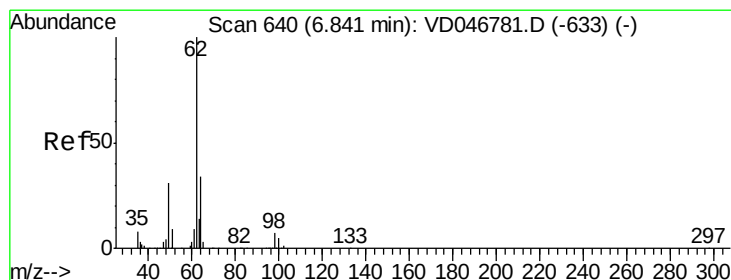
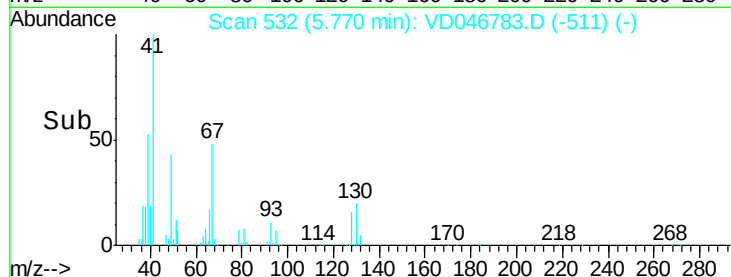
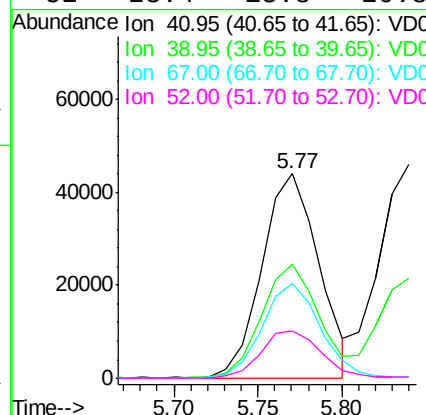
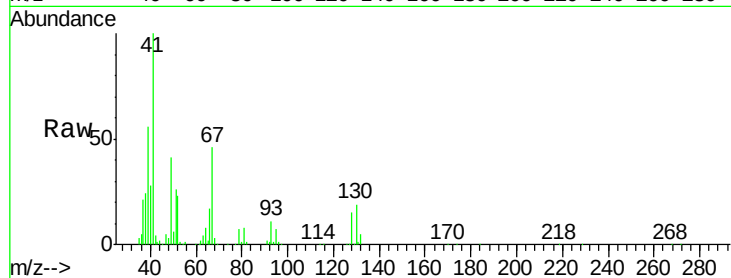




#41
Methacrylonitrile
Concen: 159.56 ug/l
RT: 5.77 min Scan# 532
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

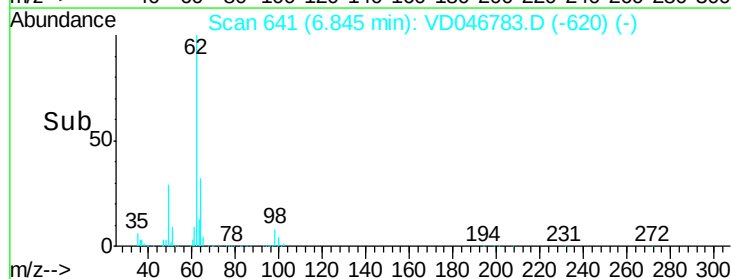
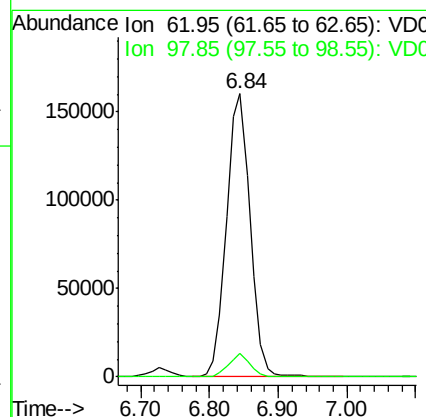
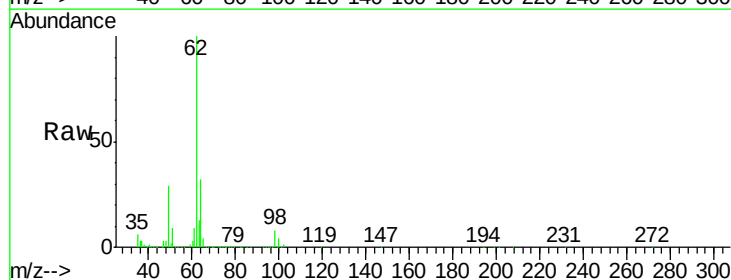
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

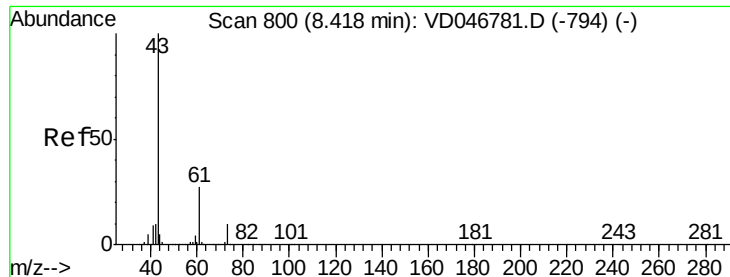
Tot Ion: 41 Resp: 102472
Ion Ratio Lower Upper
41 100
39 55.7 40.2 60.4
67 46.3 32.0 48.0
52 23.4 13.8 20.8#



#42
1,2-Dichloroethane
Concen: 136.58 ug/l
RT: 6.84 min Scan# 641
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 62 Resp: 381113
Ion Ratio Lower Upper
62 100
98 8.3 0.0 16.2





#43

Isopropyl Acetate

Concen: 172.77 ug/l

RT: 8.42 min Scan# 801

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

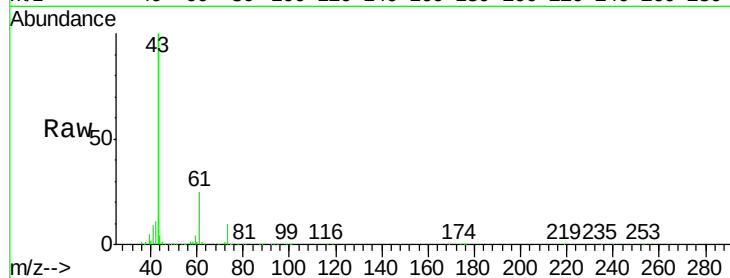
Tot Ion: 43 Resp: 253759

Ion Ratio Lower Upper

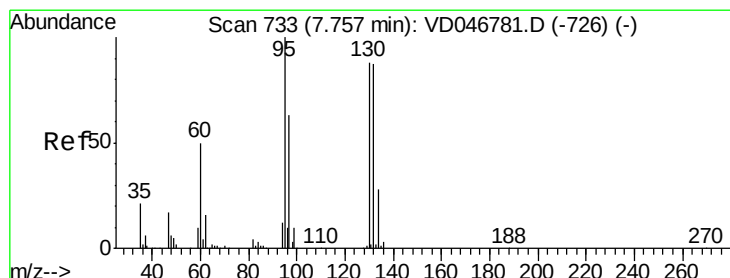
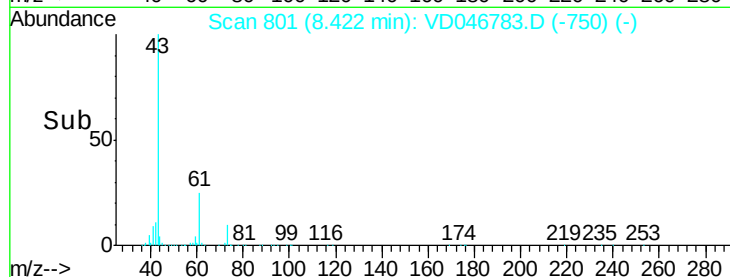
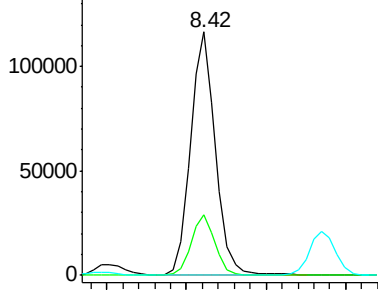
43 100

61 24.7 19.5 29.3

87 0.2 0.2 0.2#



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



#44

Trichloroethene

Concen: 146.81 ug/l

RT: 7.76 min Scan# 734

Delta R.T. 0.00 min

Lab File: VD046783.D

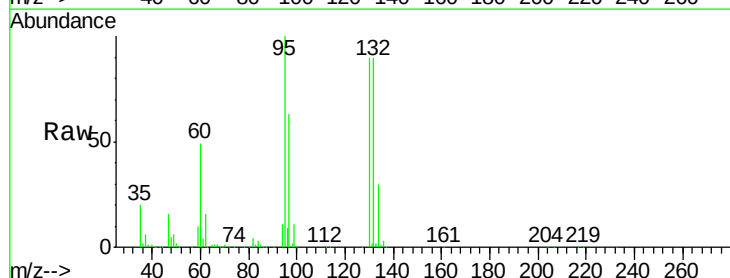
Acq: 18 Sep 2015 15:05

Tgt Ion:130 Resp: 329951

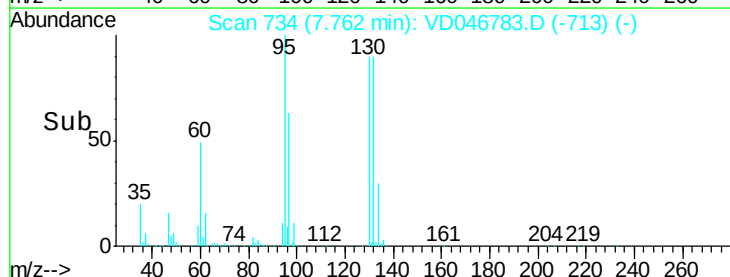
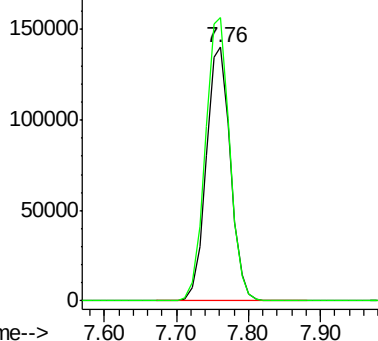
Ion Ratio Lower Upper

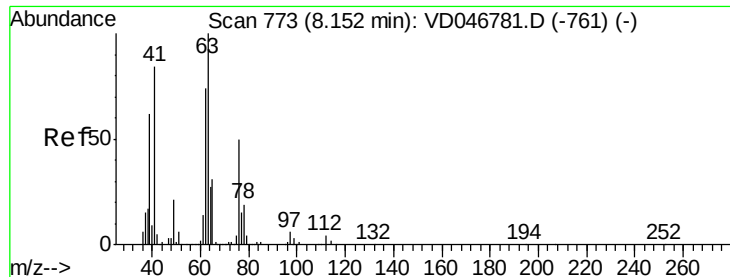
130 100

95 111.7 0.0 229.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 141.80 ug/l

RT: 8.16 min Scan# 774

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

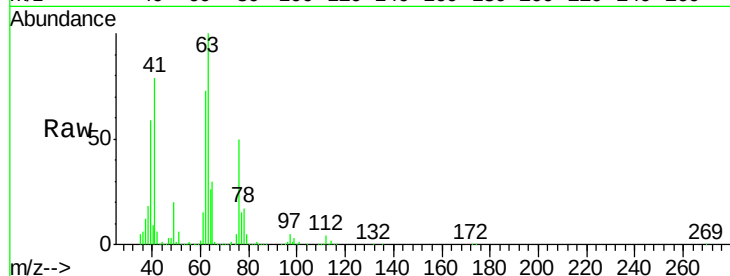
VSTDIC150

Tot Ion: 63 Resp: 312321

Ion Ratio Lower Upper

63 100

65 30.3 25.1 37.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.16

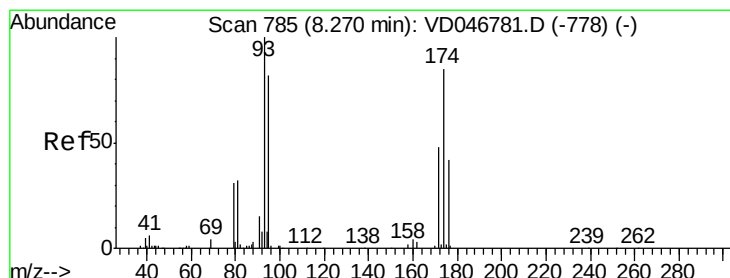
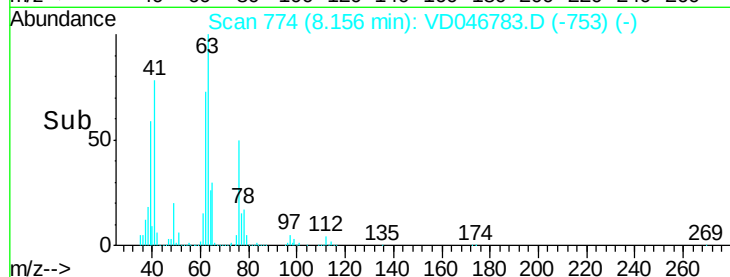
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 143.51 ug/l

RT: 8.27 min Scan# 786

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

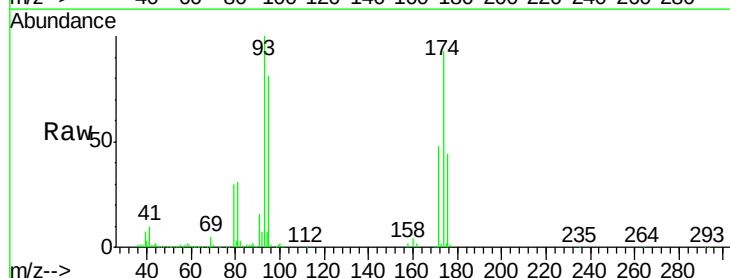
Tgt Ion: 93 Resp: 178899

Ion Ratio Lower Upper

93 100

95 80.7 70.2 105.2

174 93.0 79.0 118.4



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

8.27

100000

80000

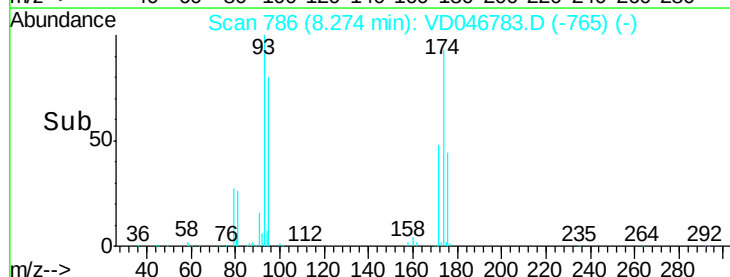
60000

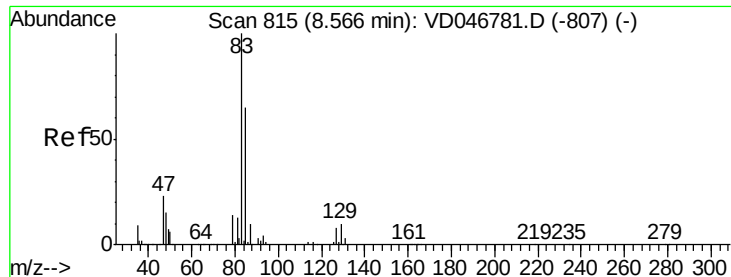
40000

20000

0

Time-->

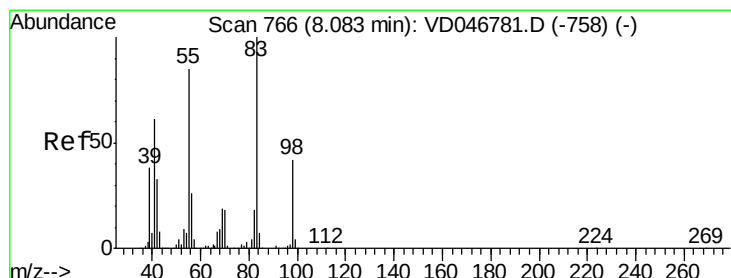
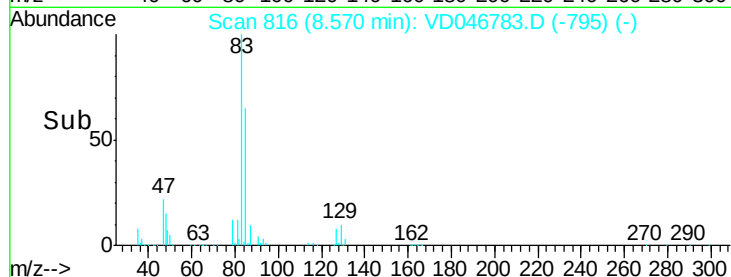
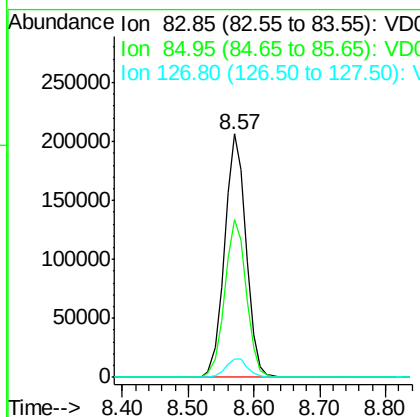
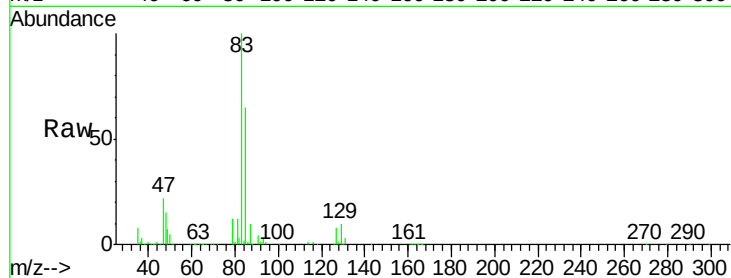




#47
Bromodichloromethane
Concen: 144.21 ug/l
RT: 8.57 min Scan# 816
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

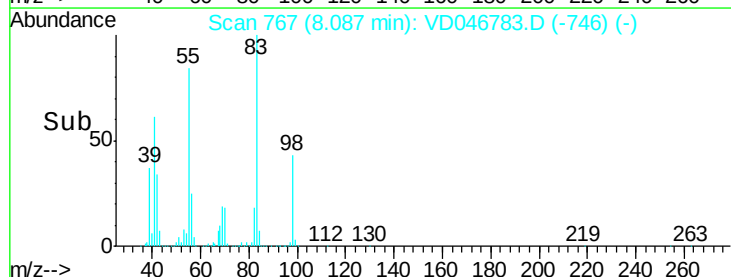
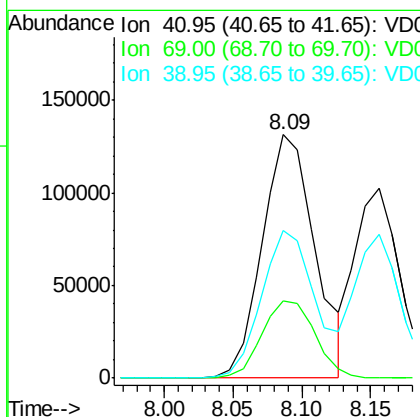
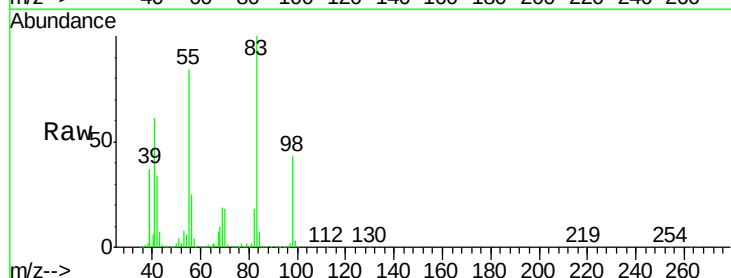
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

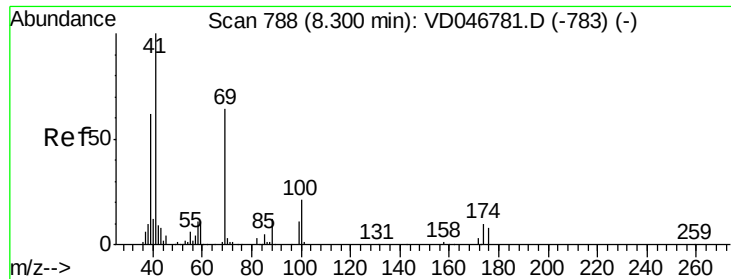
Tot Ion: 83 Resp: 472404
Ion Ratio Lower Upper
83 100
85 64.9 52.6 78.8
127 7.6 5.7 8.5



#48
Methyl methacrylate
Concen: 153.32 ug/l
RT: 8.09 min Scan# 767
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 41 Resp: 349024
Ion Ratio Lower Upper
41 100
69 31.5 25.3 37.9
39 60.9 47.4 71.0

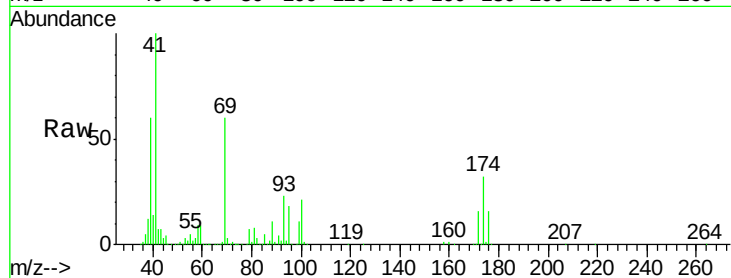




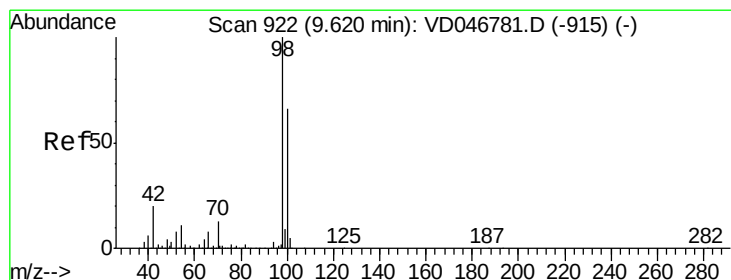
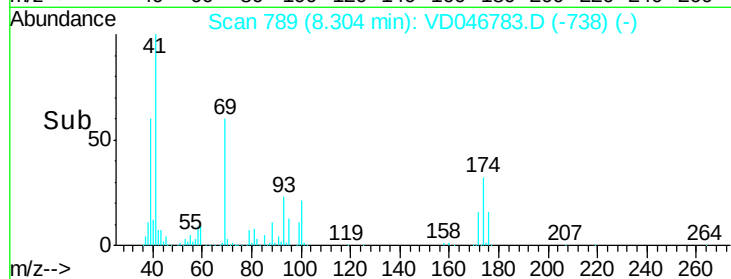
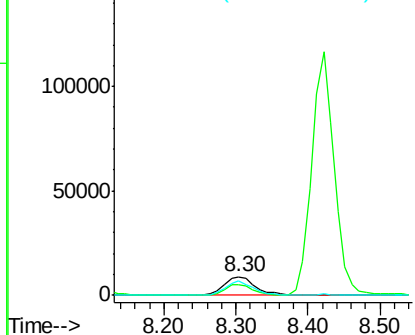
#49
1,4-Dioxane
Concen: 3303.87 ug/l
RT: 8.30 min Scan# 789
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 26600
Ion Ratio Lower Upper
88 100
43 59.7 50.0 75.0
58 78.2 48.3 72.5#

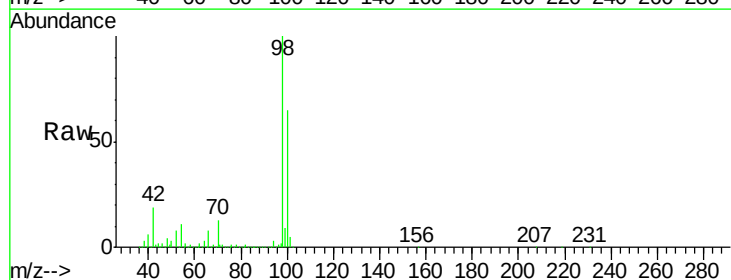


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

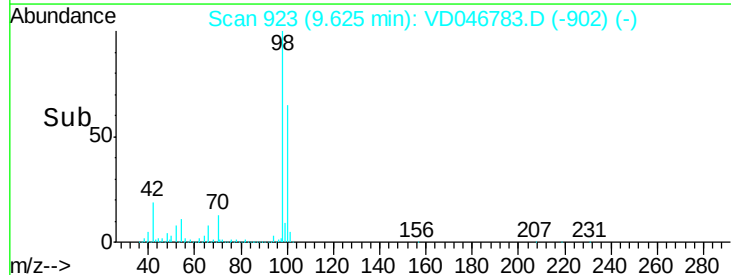
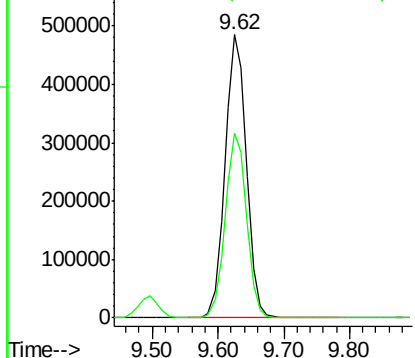


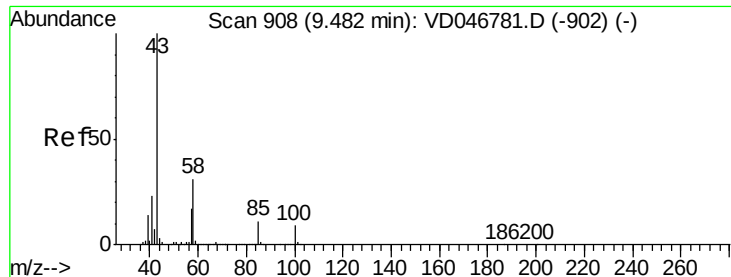
#50
Toluene-d8
Concen: 3303.87 ug/l
RT: 9.62 min Scan# 923
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 98 Resp: 1100128
Ion Ratio Lower Upper
98 100
100 65.1 49.9 74.9



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 838.90 ug/l

RT: 9.49 min Scan# 909

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

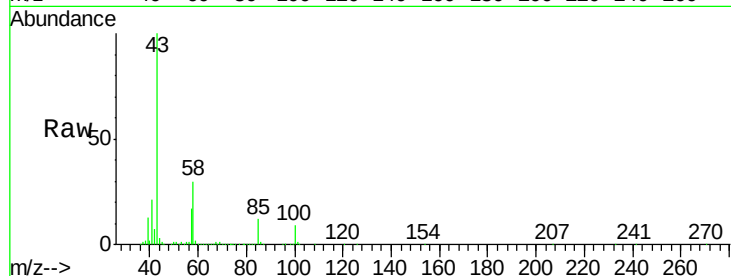
VSTDIC150

Tot Ion: 43 Resp: 886920

Ion Ratio Lower Upper

43 100

58 29.7 22.2 33.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.49

400000

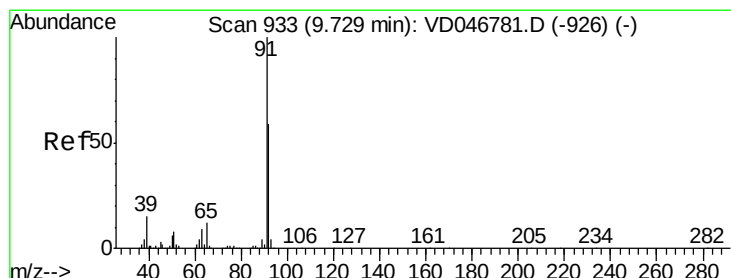
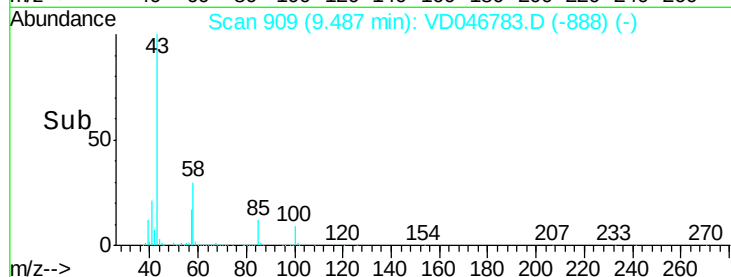
300000

200000

100000

0

Time--> 9.30 9.40 9.50 9.60



#52

Toluene

Concen: 147.64 ug/l

RT: 9.73 min Scan# 934

Delta R.T. 0.00 min

Lab File: VD046783.D

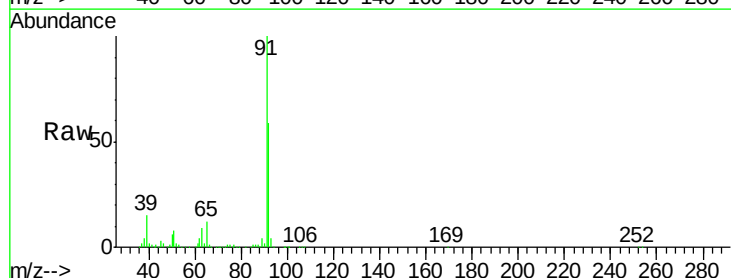
Acq: 18 Sep 2015 15:05

Tgt Ion: 92 Resp: 819208

Ion Ratio Lower Upper

92 100

91 170.1 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

9.73

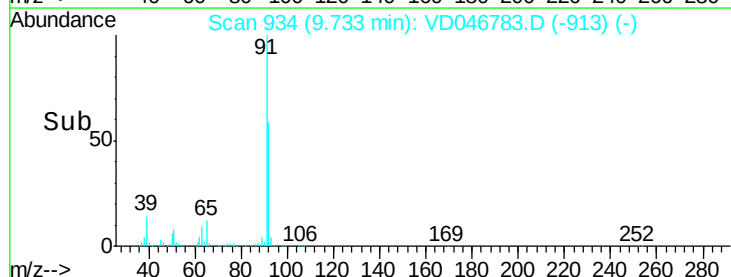
600000

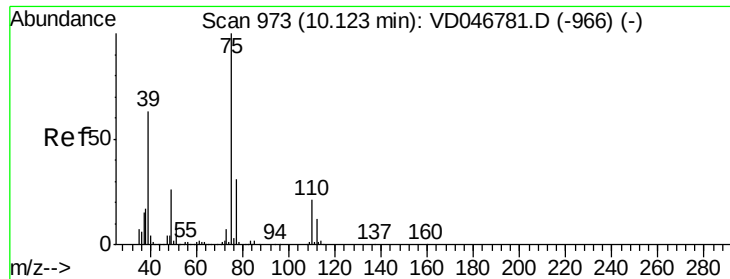
400000

200000

0

Time--> 9.60 9.80

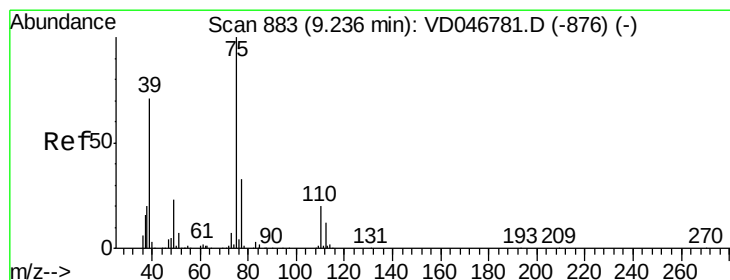
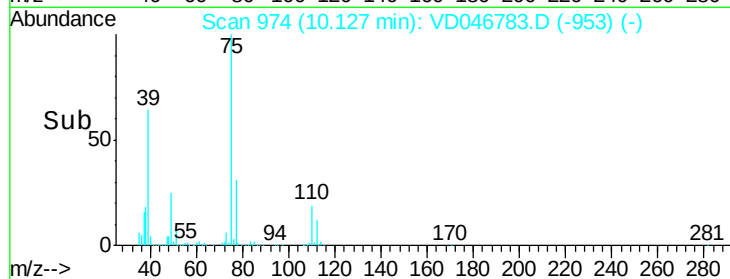
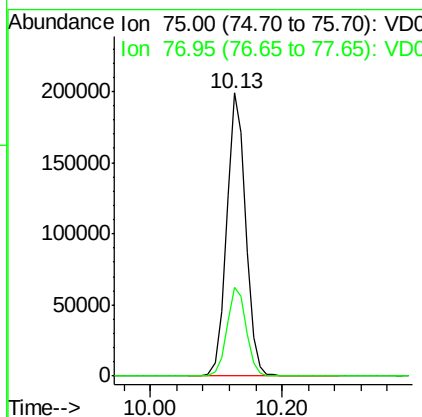
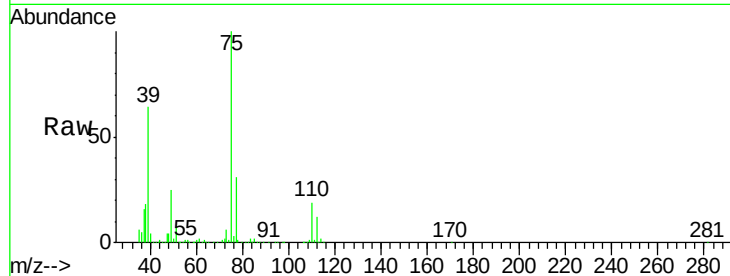




#53
 t-1,3-Dichloropropene
 Concen: 167.24 ug/l
 RT: 10.13 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

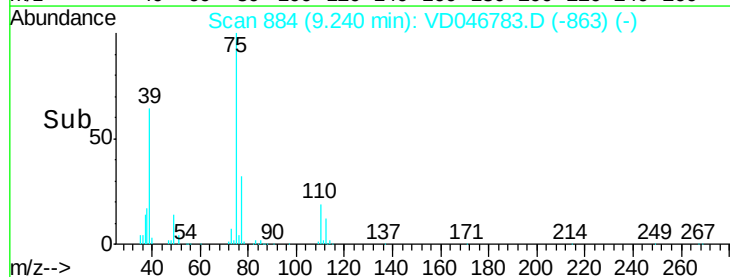
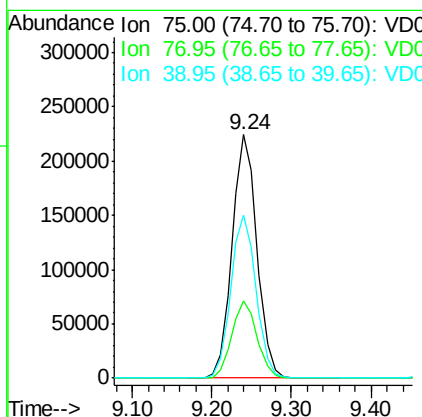
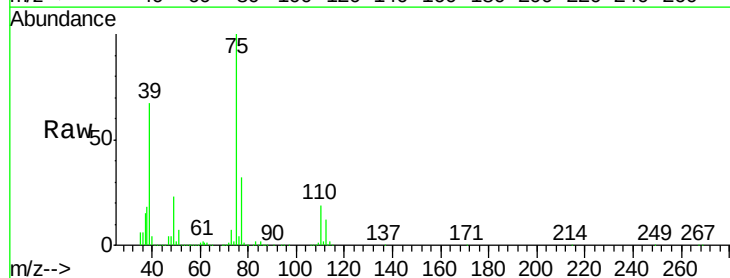
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

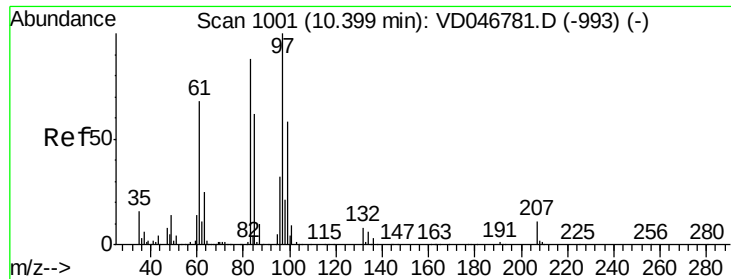
Tot Ion: 75 Resp: 402060
 Ion Ratio Lower Upper
 75 100
 77 31.3 27.6 41.4



#54
 cis-1,3-Dichloropropene
 Concen: 157.28 ug/l
 RT: 9.24 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion: 75 Resp: 488838
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.8 35.6
 39 66.9 53.0 79.6





#55

1,1,2-Trichloroethane

Concen: 145.05 ug/l

RT: 10.40 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 204402

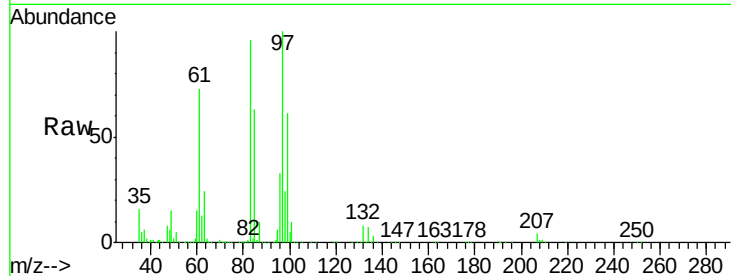
Ion Ratio Lower Upper

97 100

83 96.0 75.3 112.9

85 62.6 50.9 76.3

99 61.2 46.9 70.3

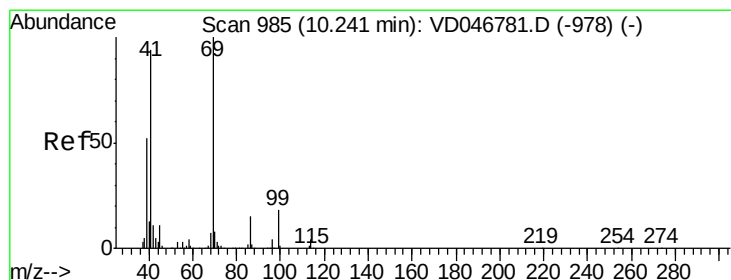
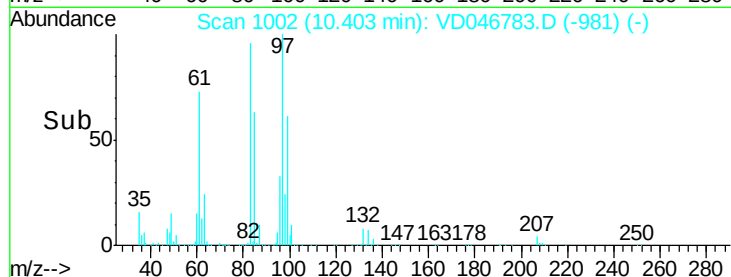
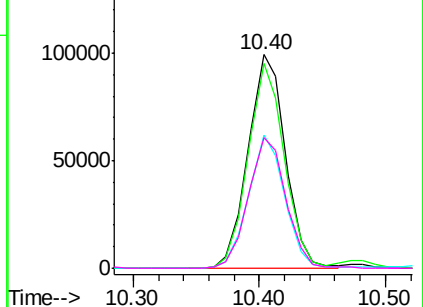


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 149.52 ug/l

RT: 10.25 min Scan# 986

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

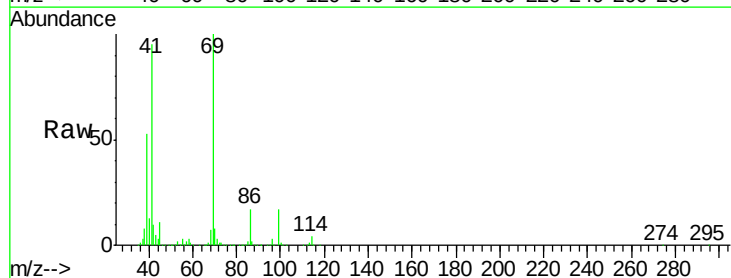
Tgt Ion: 69 Resp: 231642

Ion Ratio Lower Upper

69 100

41 94.7 75.4 113.0

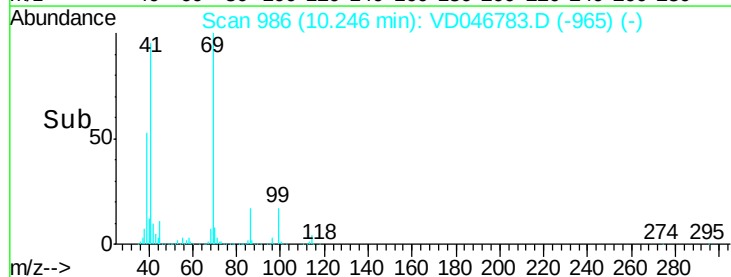
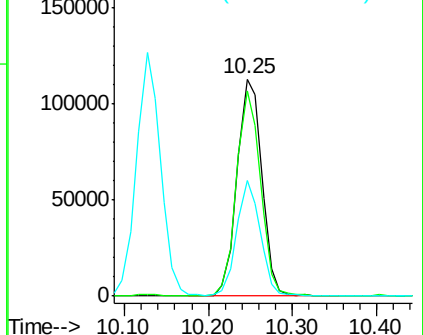
39 53.1 41.0 61.4

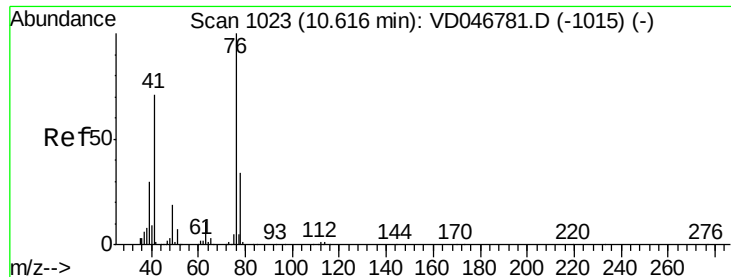


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 149.92 ug/l

RT: 10.62 min Scan# 1024

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

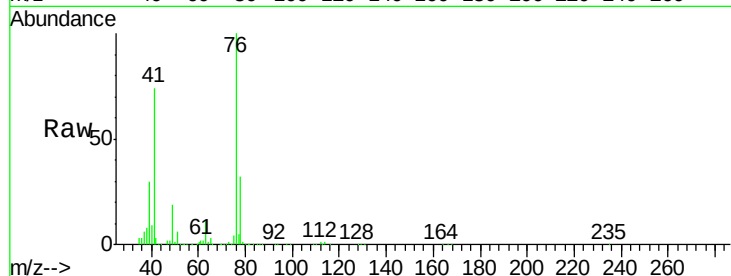
VSTDIC150

Tot Ion: 76 Resp: 394592

Ion Ratio Lower Upper

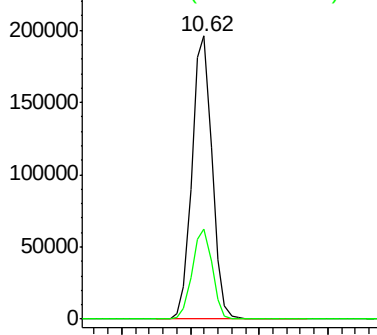
76 100

78 32.0 26.6 39.8

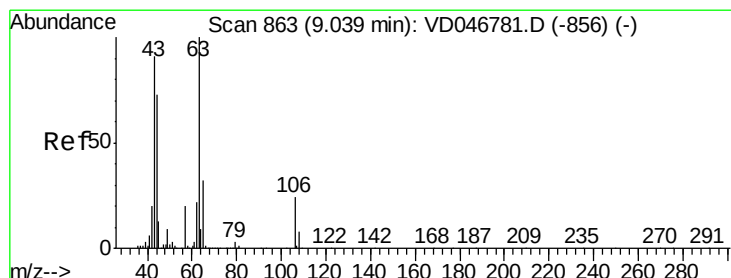
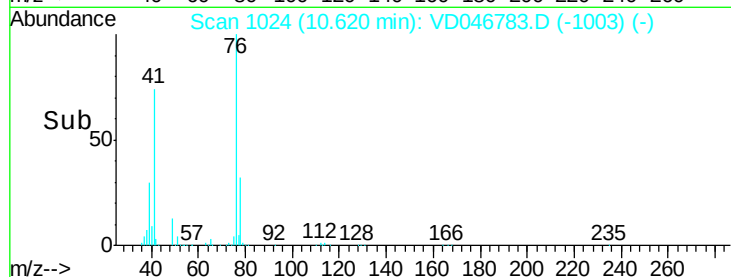


Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 854.78 ug/l

RT: 9.04 min Scan# 864

Delta R.T. 0.00 min

Lab File: VD046783.D

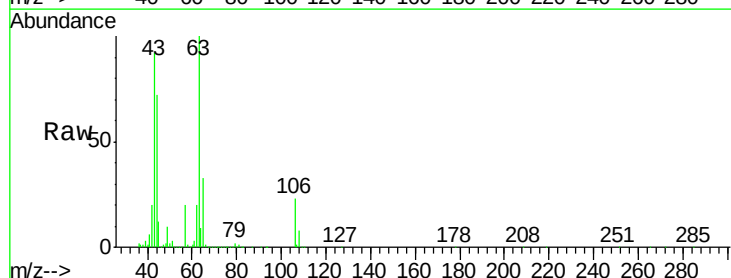
Acq: 18 Sep 2015 15:05

Tgt Ion: 63 Resp: 514058

Ion Ratio Lower Upper

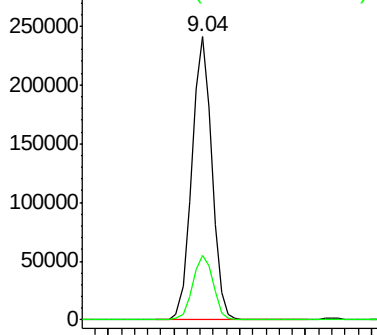
63 100

106 22.8 17.8 26.8

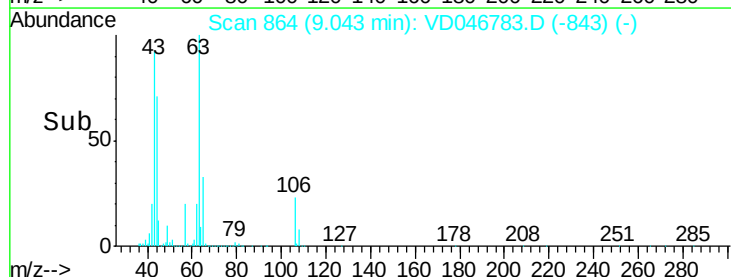


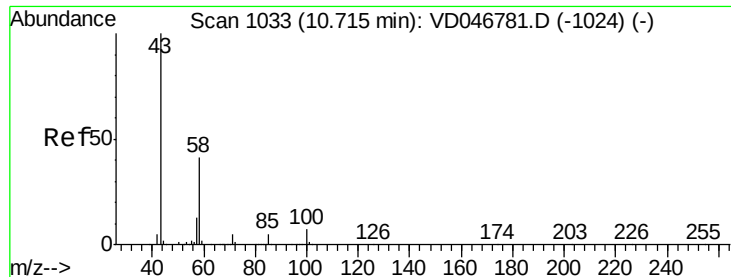
Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V



Time-->

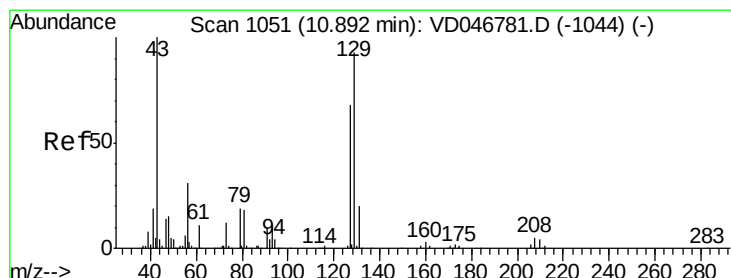
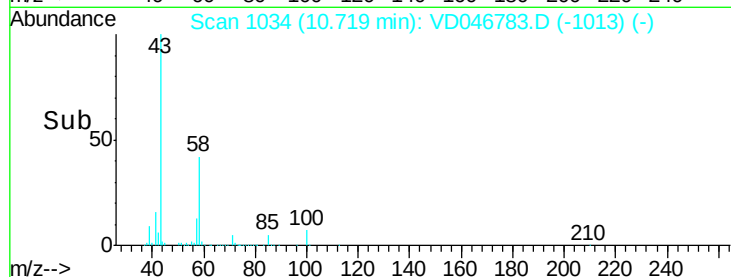
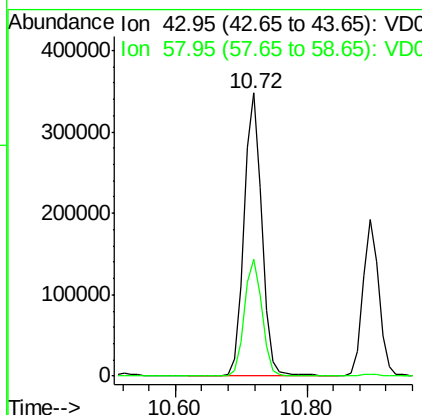
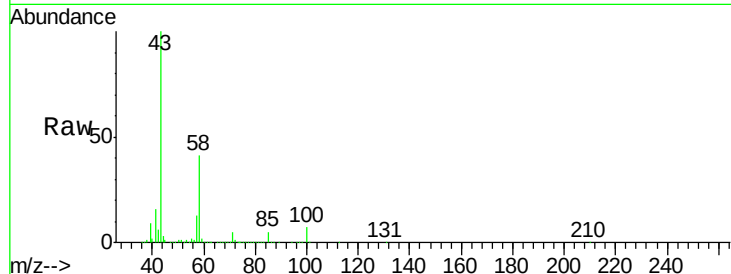




#59
2-Hexanone
Concen: 875.38 ug/l
RT: 10.72 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

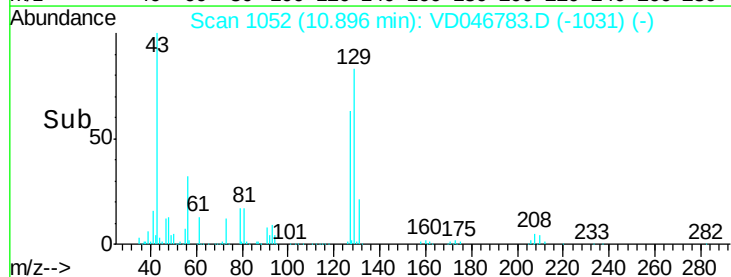
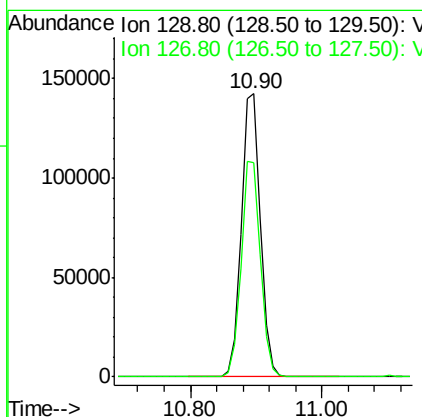
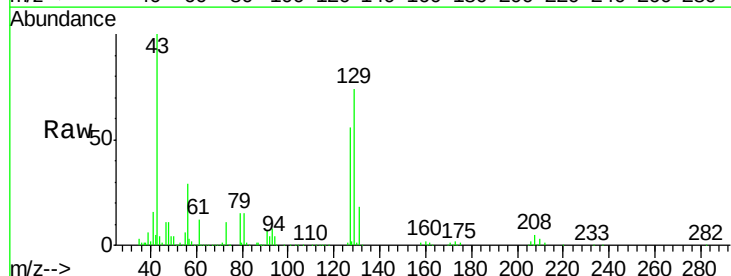
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

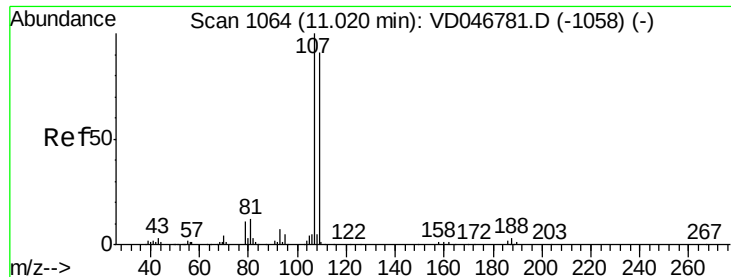
Tot Ion: 43 Resp: 656137
Ion Ratio Lower Upper
43 100
58 41.3 18.6 55.8



#60
Dibromochloromethane
Concen: 148.29 ug/l
RT: 10.90 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 129 Resp: 289232
Ion Ratio Lower Upper
129 100
127 75.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 148.11 ug/l

RT: 11.02 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

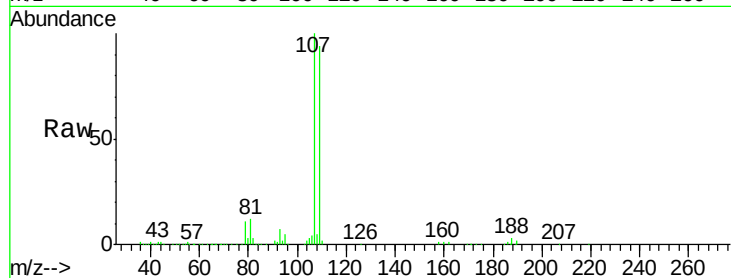
VSTDIC150

Tot Ion:107 Resp: 206658

Ion Ratio Lower Upper

107 100

109 93.7 71.4 107.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

11.02

120000

100000

80000

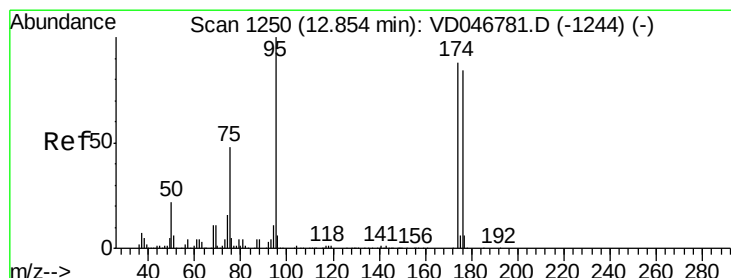
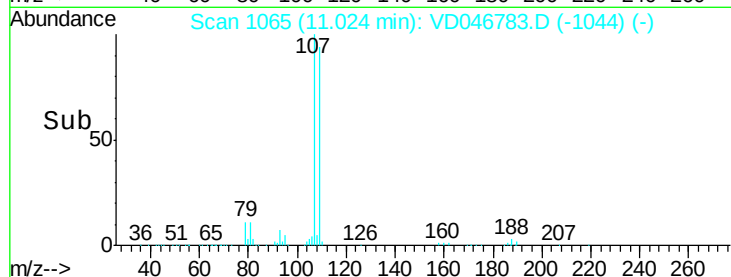
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 148.11 ug/l

RT: 12.86 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

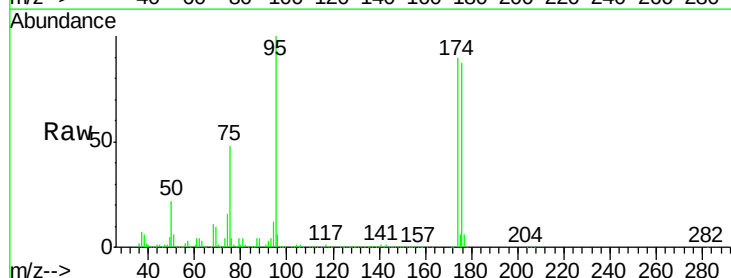
Tgt Ion: 95 Resp: 424377

Ion Ratio Lower Upper

95 100

174 89.9 0.0 149.8

176 87.1 0.0 143.4



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

300000

250000

200000

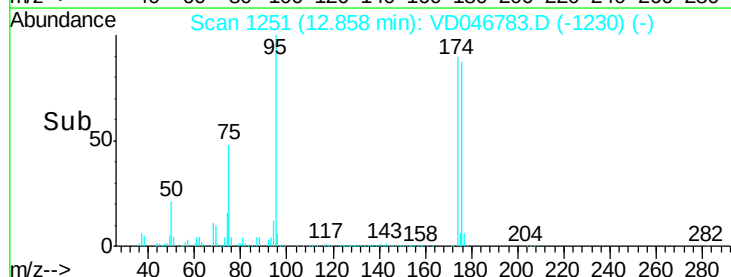
150000

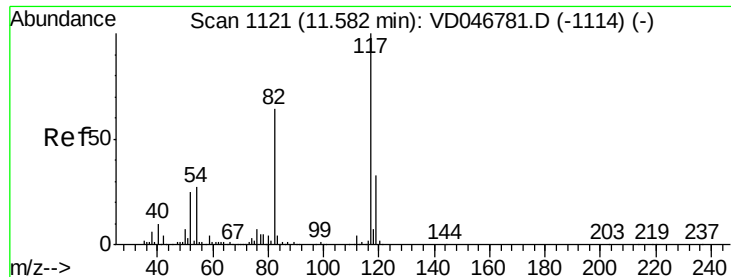
100000

50000

0

Time-->

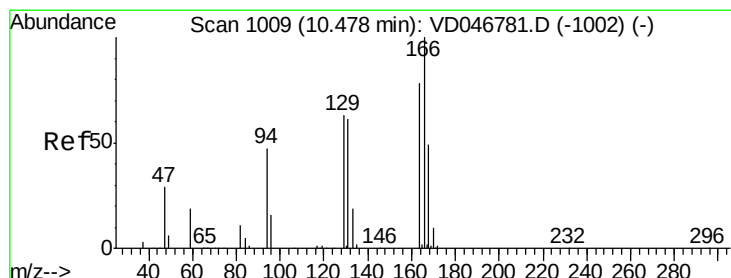
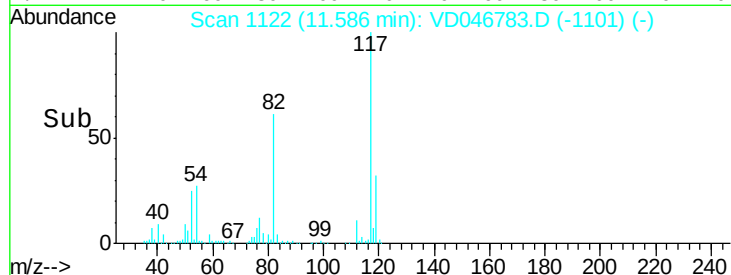
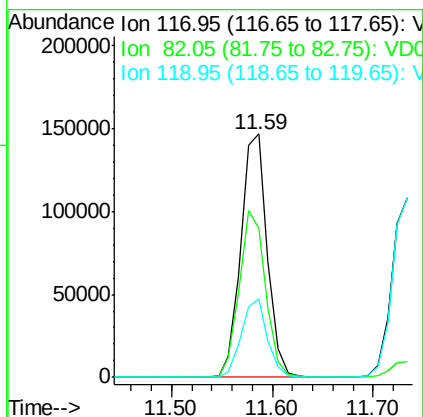
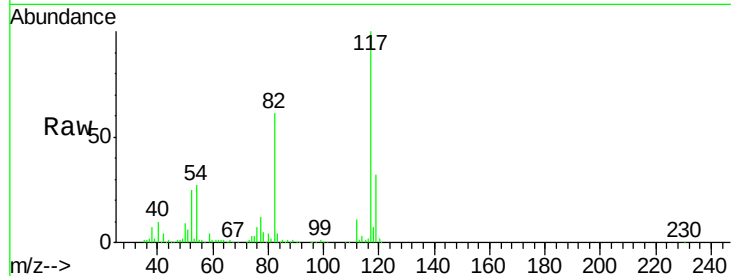




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.59 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

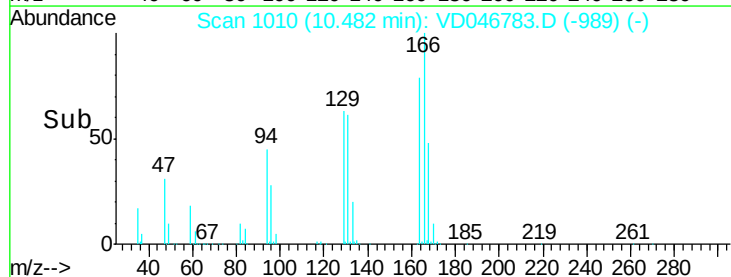
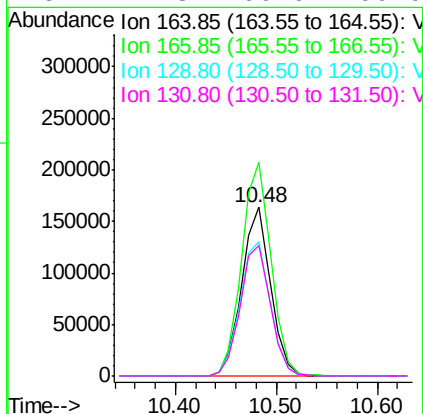
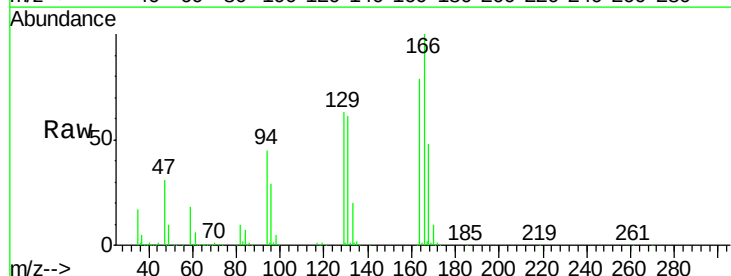
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

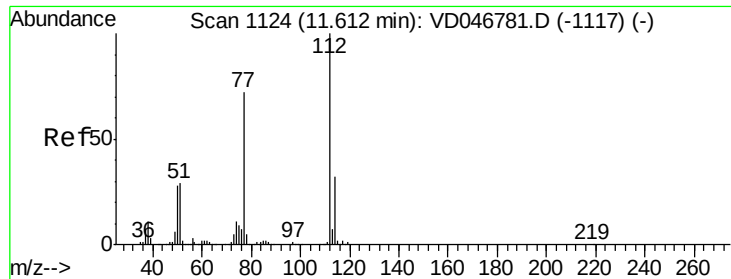
Tot Ion:117 Resp: 268285
Ion Ratio Lower Upper
117 100
82 61.0 50.6 75.8
119 32.4 25.8 38.8



#64
Tetrachloroethene
Concen: 148.65 ug/l
RT: 10.48 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion:164 Resp: 327333
Ion Ratio Lower Upper
164 100
166 126.7 106.8 160.2
129 79.8 70.6 106.0
131 77.8 66.6 100.0

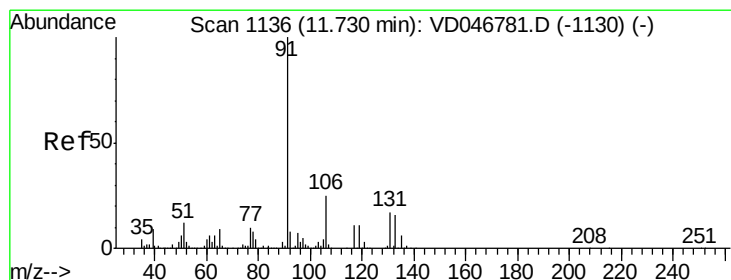
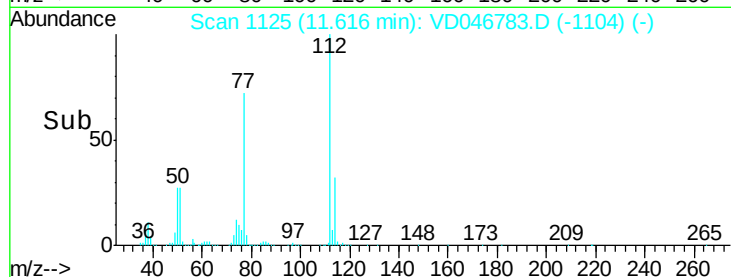
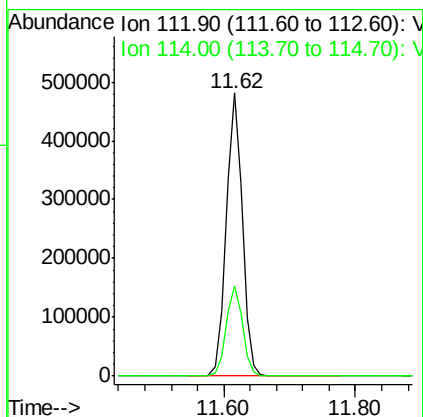
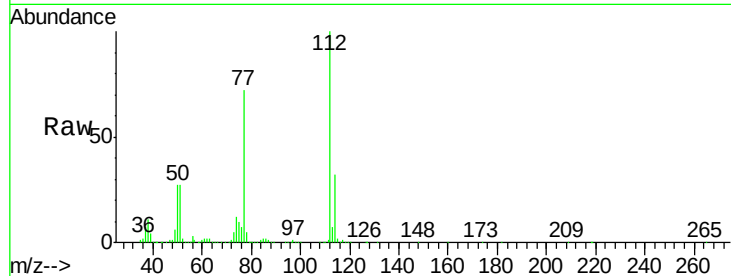




#65
Chlorobenzene
Concen: 144.32 ug/l
RT: 11.62 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

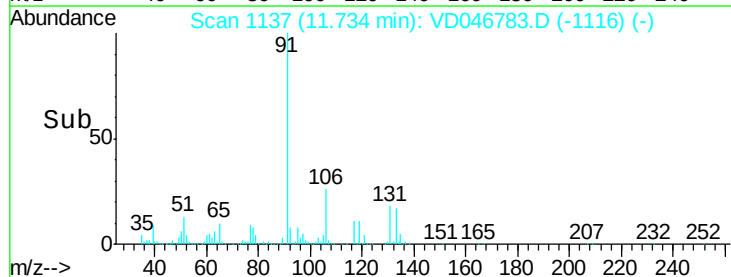
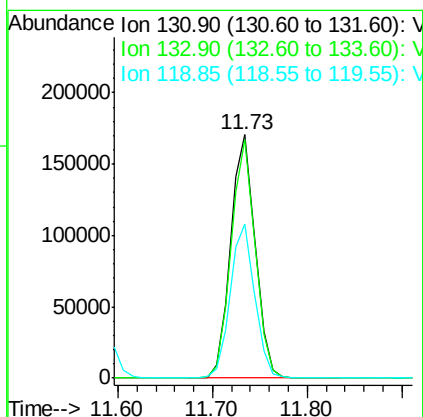
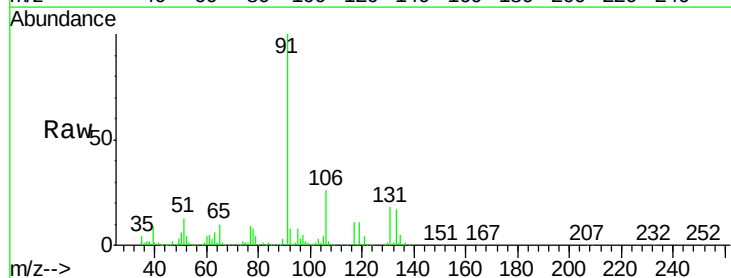
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

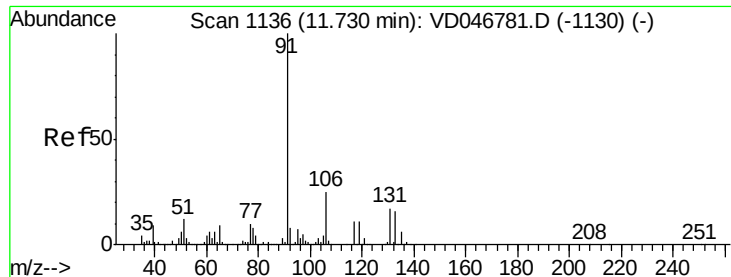
Tot Ion:112 Resp: 826011
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 146.26 ug/l
RT: 11.73 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion:131 Resp: 307267
Ion Ratio Lower Upper
131 100
133 97.7 48.4 145.0
119 63.5 31.5 94.5





#67

Ethyl Benzene

Concen: 150.44 ug/l

RT: 11.73 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

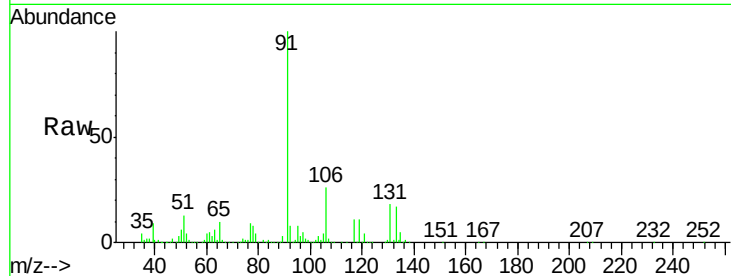
VSTDIC150

Tot Ion: 91 Resp: 1728234

Ion Ratio Lower Upper

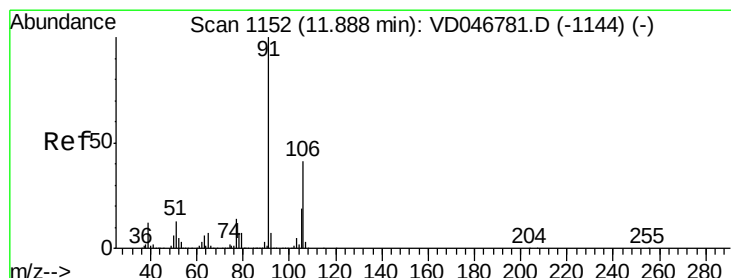
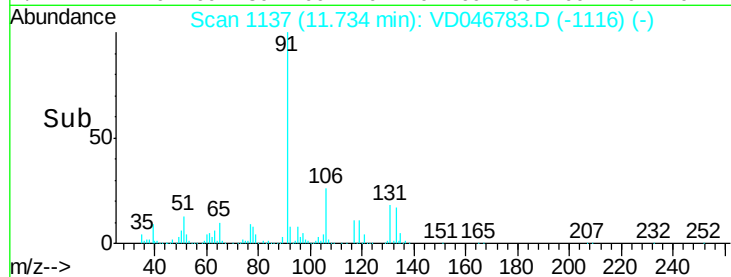
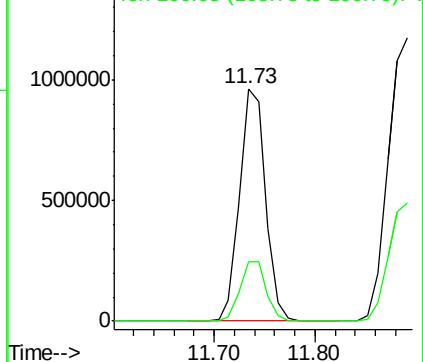
91 100

106 25.7 20.2 30.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V



#68

m/p-Xylenes

Concen: 299.79 ug/l

RT: 11.89 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VD046783.D

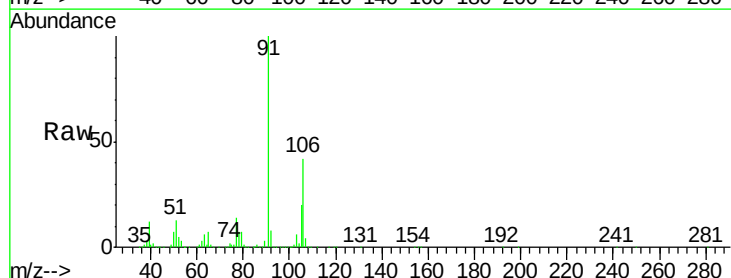
Acq: 18 Sep 2015 15:05

Tgt Ion: 106 Resp: 1088515

Ion Ratio Lower Upper

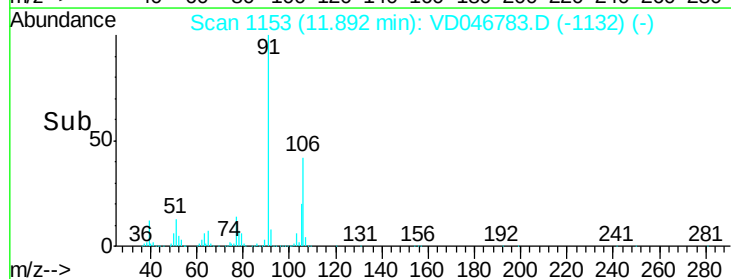
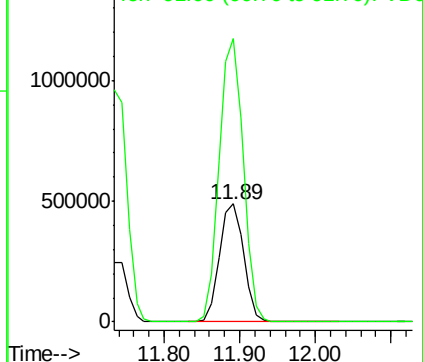
106 100

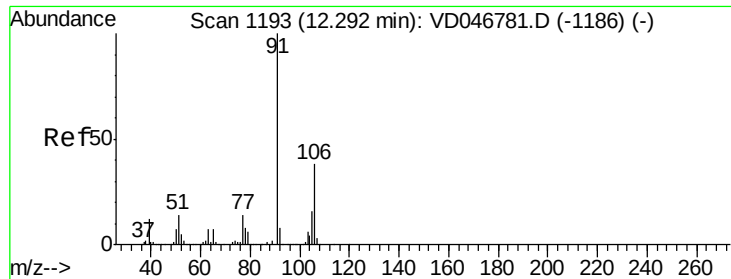
91 240.3 187.9 281.9



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

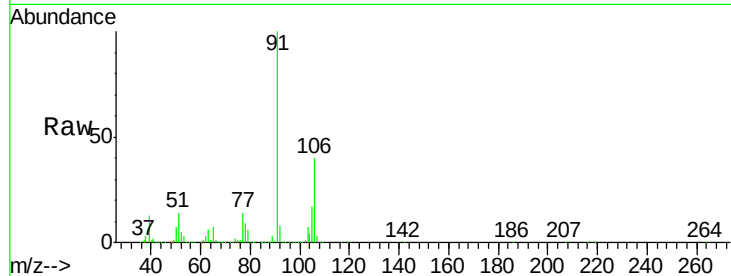




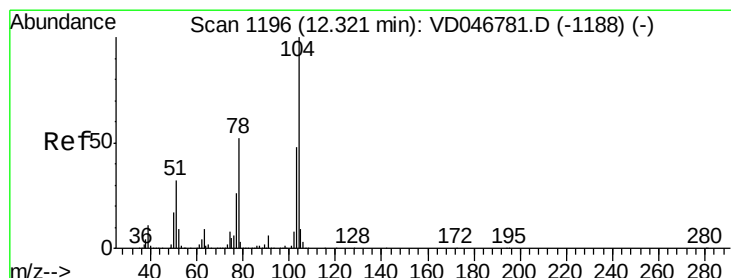
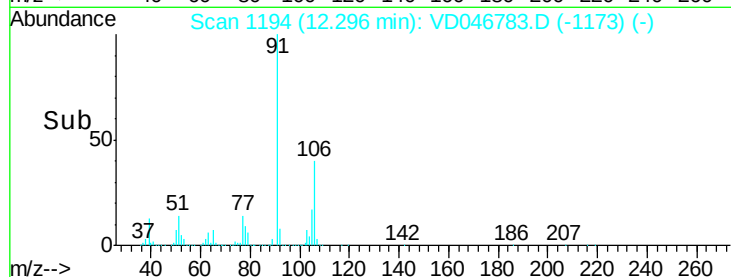
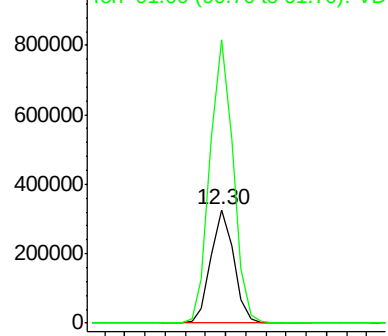
#69
o-Xylene
Concen: 159.62 ug/l
RT: 12.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 519968
Ion Ratio Lower Upper
106 100
91 248.9 124.8 374.5

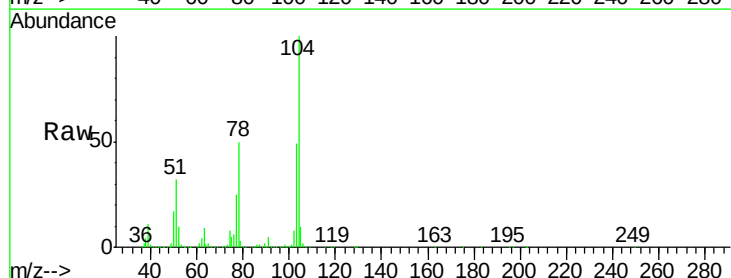


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

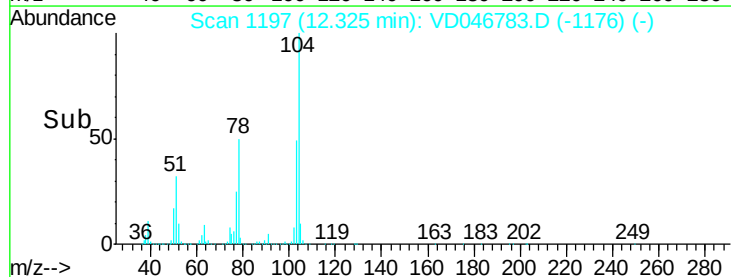
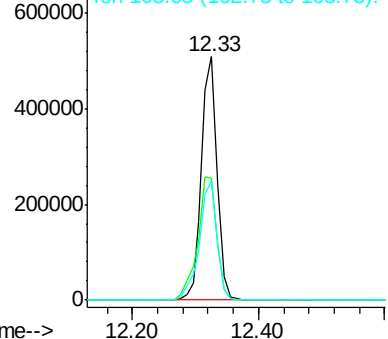


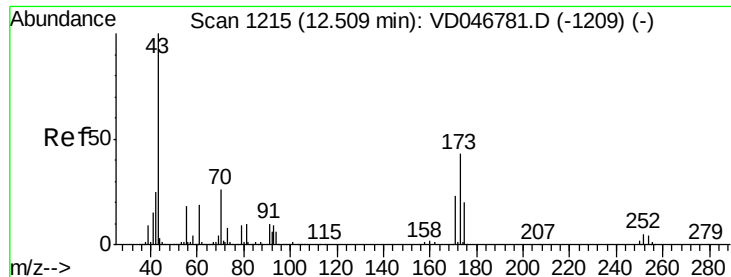
#70
Styrene
Concen: 153.80 ug/l
RT: 12.33 min Scan# 1197
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion:104 Resp: 865723
Ion Ratio Lower Upper
104 100
78 50.0 44.5 66.7
103 48.9 40.3 60.5



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V

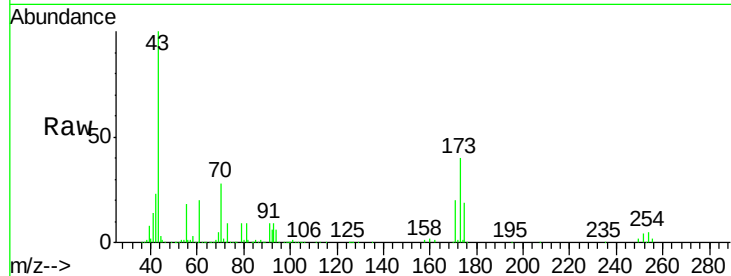




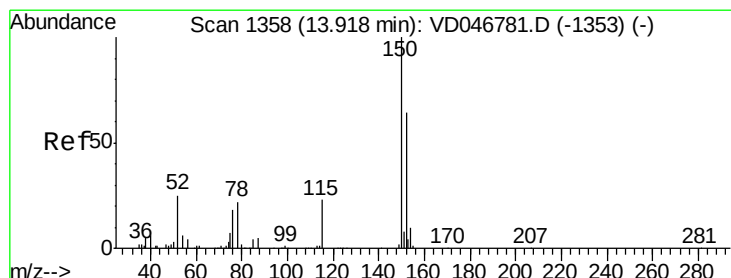
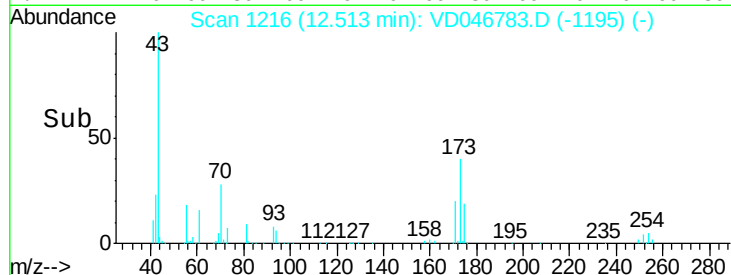
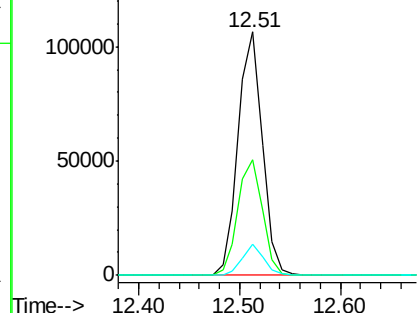
#71
Bromoform
Concen: 160.23 ug/l
RT: 12.51 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tot Ion:173 Resp: 177636
Ion Ratio Lower Upper
173 100
175 47.7 23.1 69.3
254 12.7 8.7 13.1

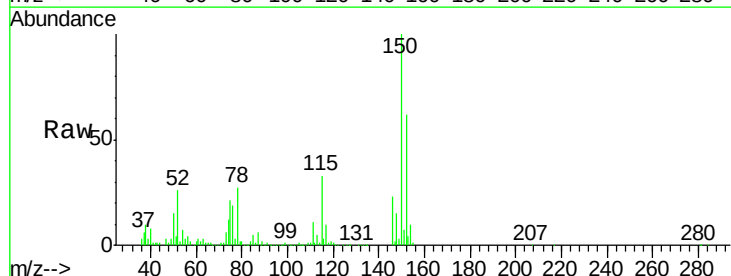


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

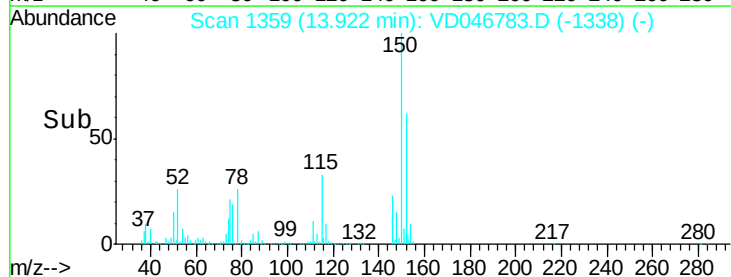
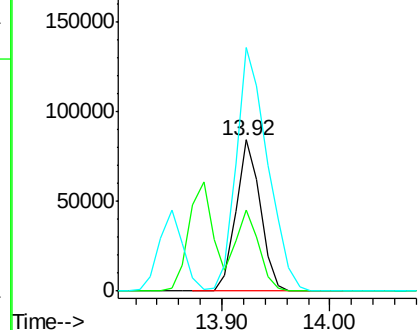


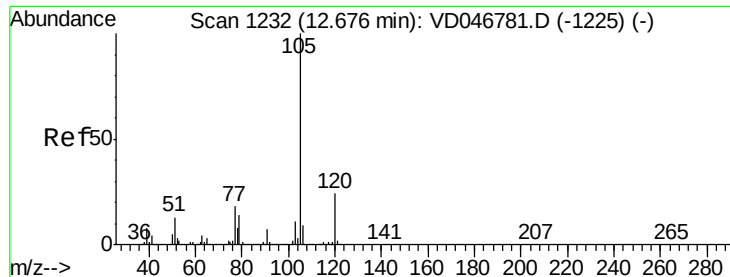
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.92 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion:152 Resp: 133047
Ion Ratio Lower Upper
152 100
115 53.9 26.2 78.6
150 161.1 0.0 311.8



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: 165.40 ug/l

RT: 12.68 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

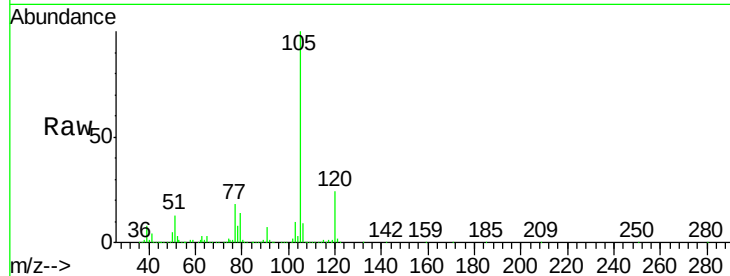
VSTDIC150

Tot Ion:105 Resp: 1563541

Ion Ratio Lower Upper

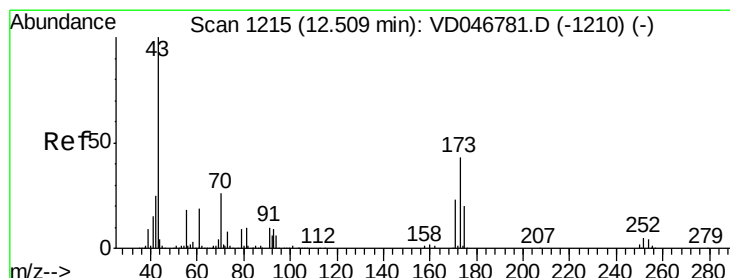
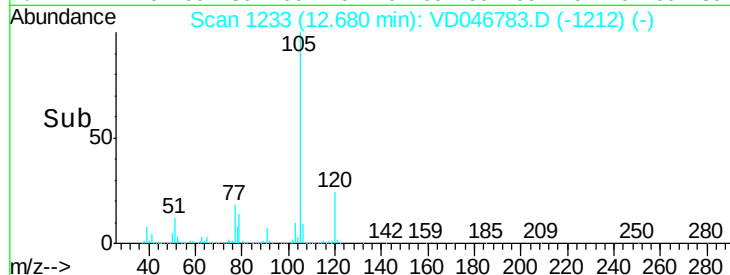
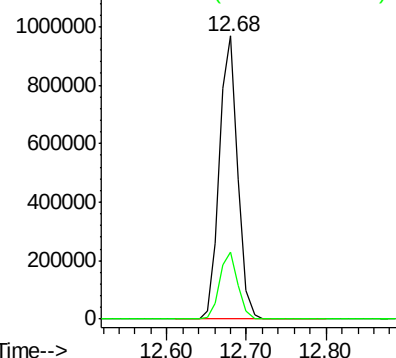
105 100

120 23.7 12.4 37.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 191.29 ug/l

RT: 12.51 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Tgt Ion: 43 Resp: 391835

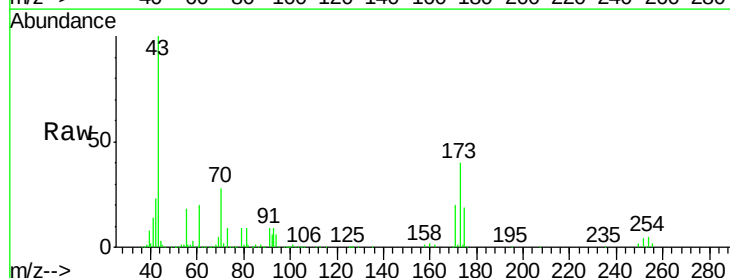
Ion Ratio Lower Upper

43 100

70 27.9 22.1 33.1

55 17.6 14.5 21.7

61 19.7 14.6 21.8

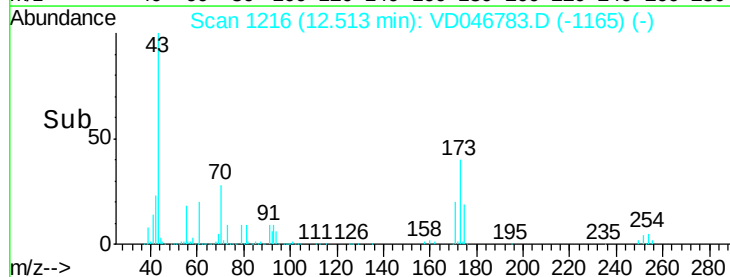
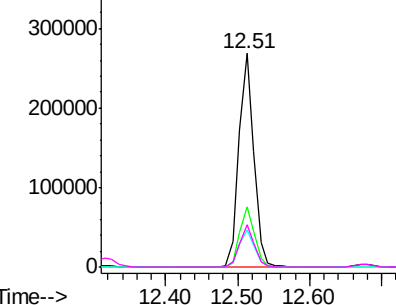


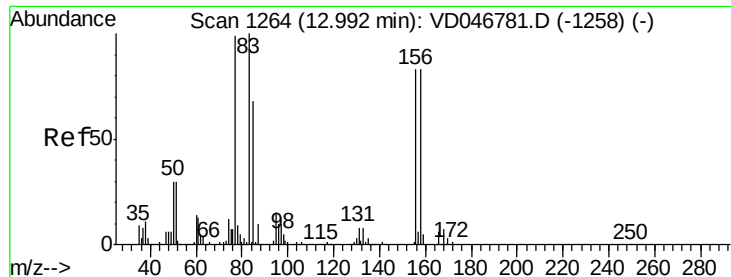
Abundance Ion 42.95 (42.65 to 43.65): VDC

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





#75

1,1,2,2-Tetrachloroethane

Concen: 150.31 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

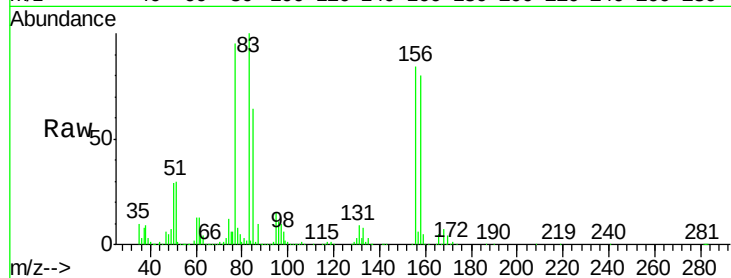
Tot Ion: 83 Resp: 229125

Ion Ratio Lower Upper

83 100

131 9.2 3.9 11.7

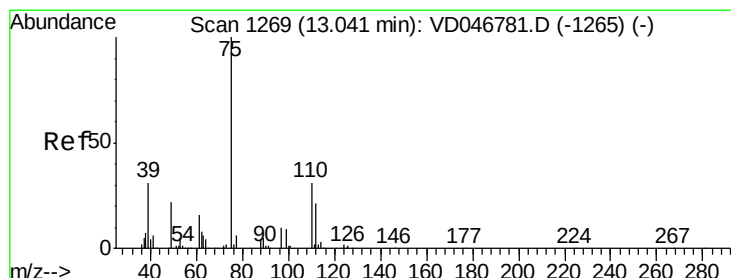
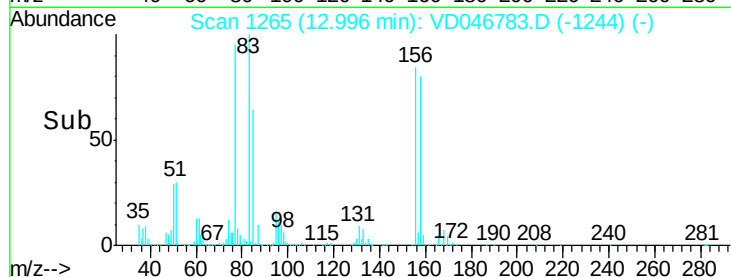
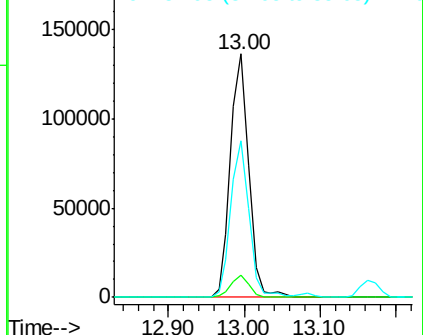
85 64.4 30.5 91.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 161.92 ug/l

RT: 13.05 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD046783.D

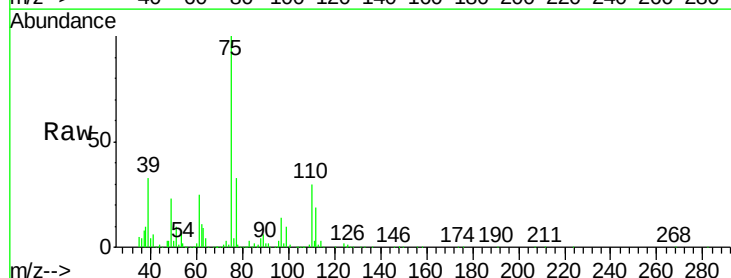
Acq: 18 Sep 2015 15:05

Tgt Ion: 75 Resp: 261828

Ion Ratio Lower Upper

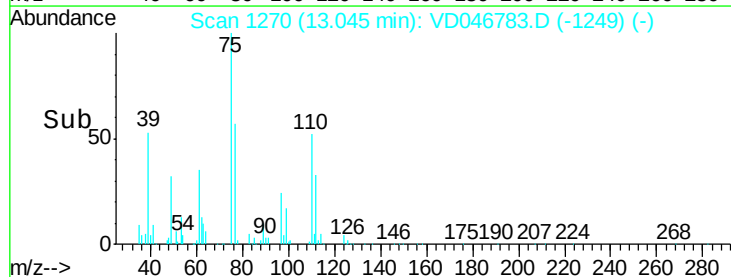
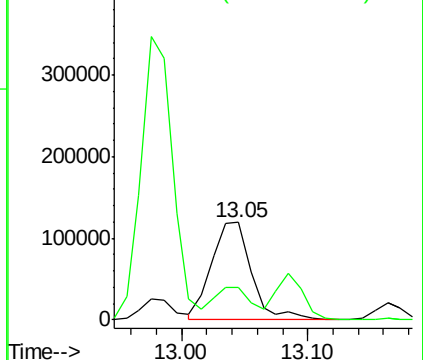
75 100

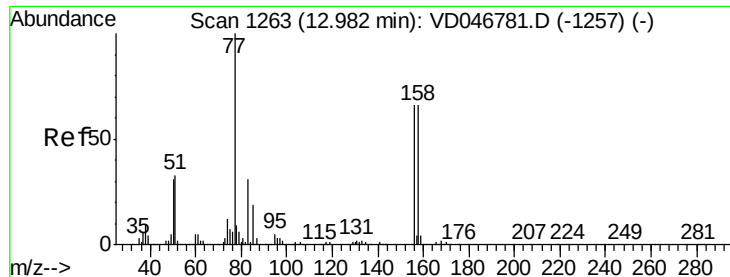
77 33.1 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 154.16 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

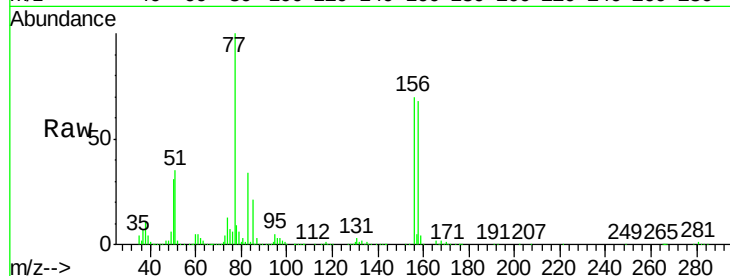
Tot Ion:156 Resp: 371494

Ion Ratio Lower Upper

156 100

77 142.8 70.3 210.8

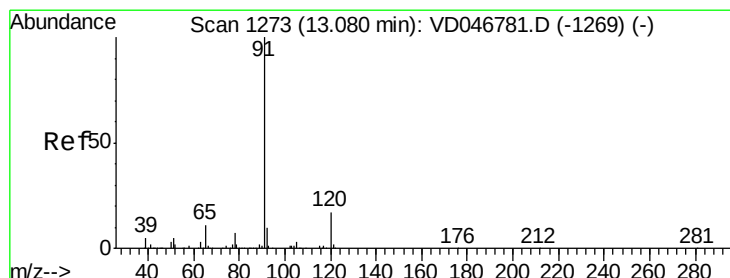
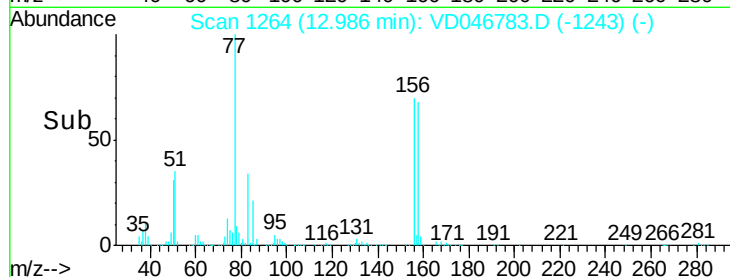
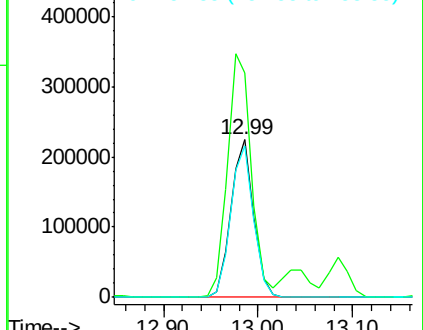
158 96.5 49.0 147.0



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: 157.21 ug/l

RT: 13.08 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VD046783.D

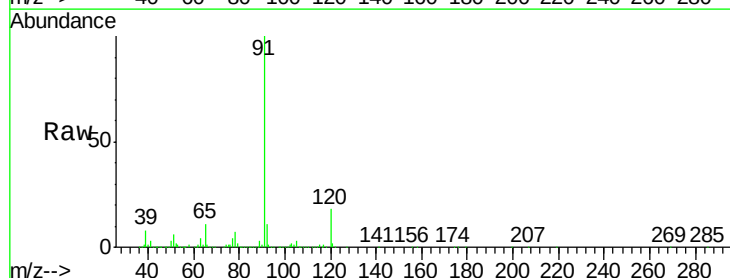
Acq: 18 Sep 2015 15:05

Tgt Ion: 91 Resp: 2104469

Ion Ratio Lower Upper

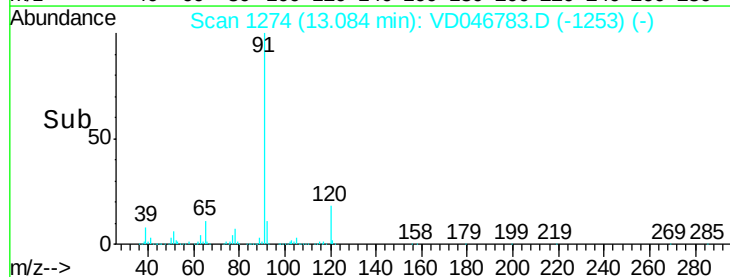
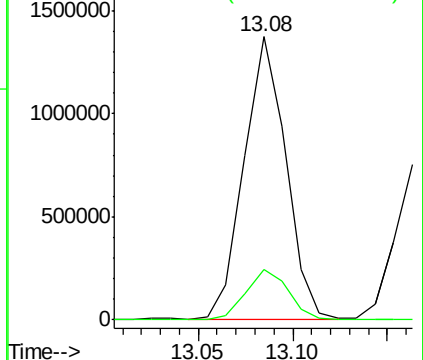
91 100

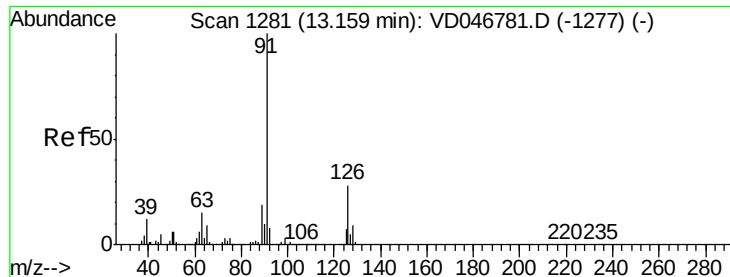
120 17.9 9.3 27.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 154.96 ug/l

RT: 13.16 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

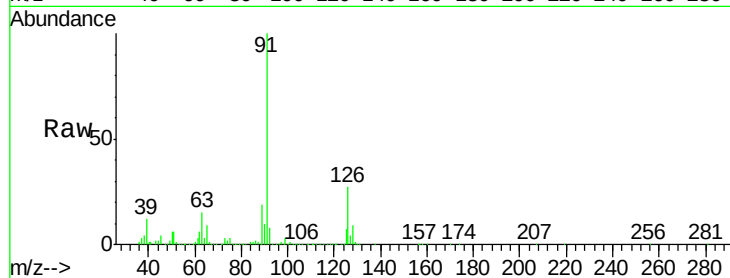
VSTDIC150

Tot Ion: 91 Resp: 1159595

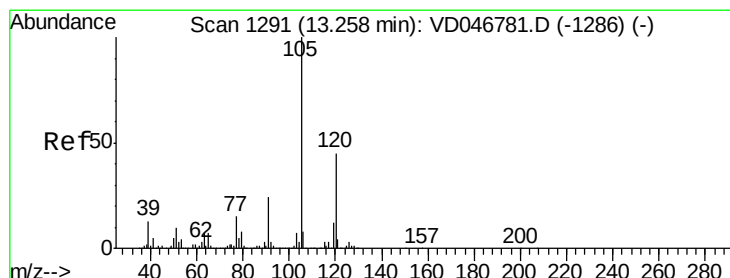
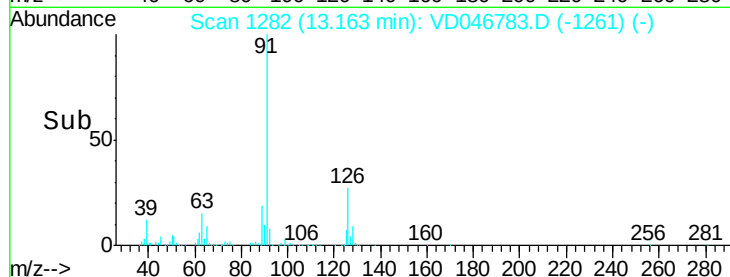
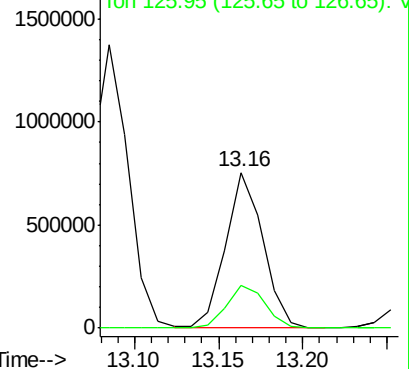
Ion Ratio Lower Upper

91 100

126 27.1 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VD046783.D (-1277) (-)



#80

1,3,5-Trimethylbenzene

Concen: 162.93 ug/l

RT: 13.26 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VD046783.D

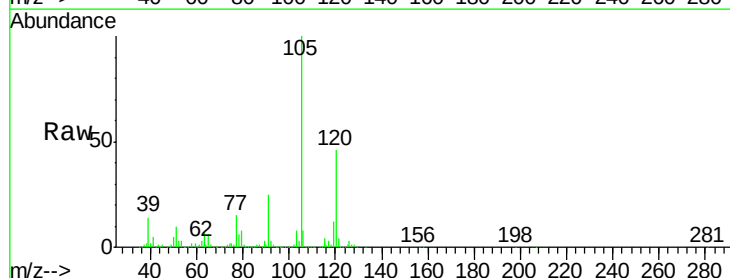
Acq: 18 Sep 2015 15:05

Tgt Ion:105 Resp: 1196843

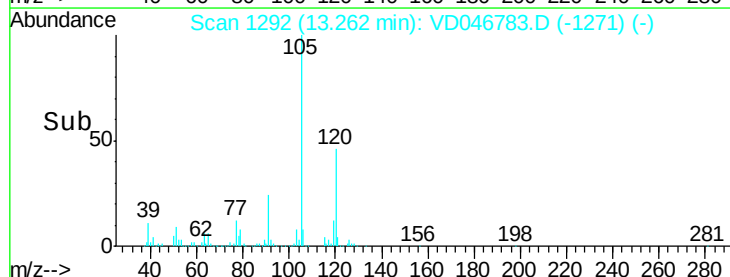
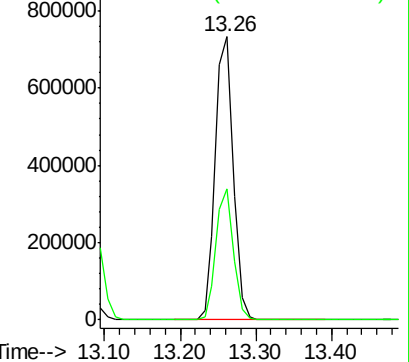
Ion Ratio Lower Upper

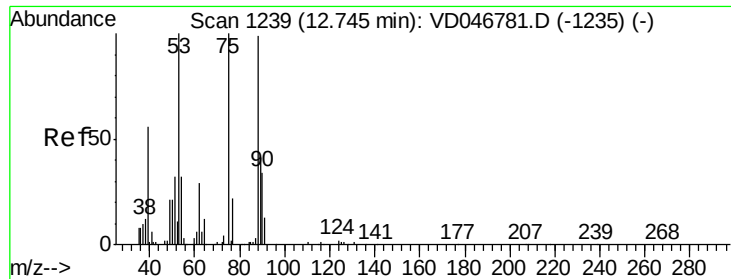
105 100

120 46.3 22.3 66.8



Abundance Ion 105.05 (104.75 to 105.75): VD046783.D (-1271) (-)

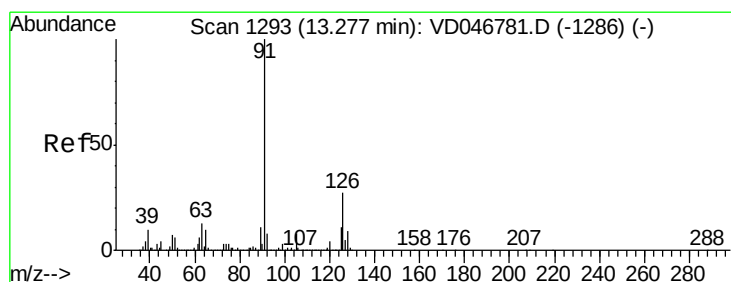
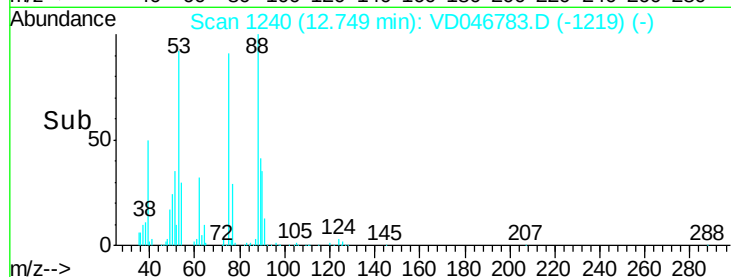
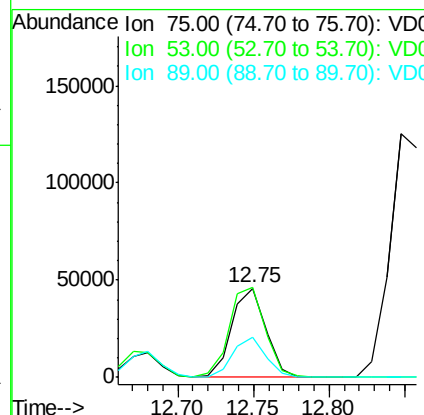
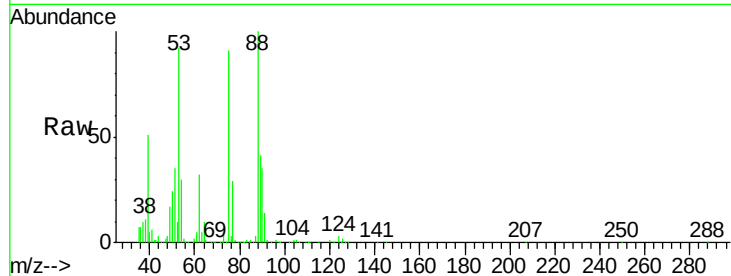




#81
trans-1,4-Dichloro-2-butene
Concen: 179.20 ug/l
RT: 12.75 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

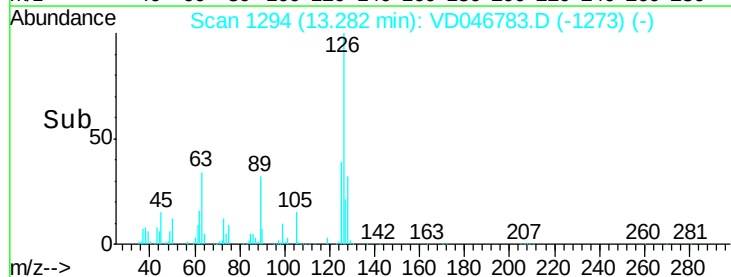
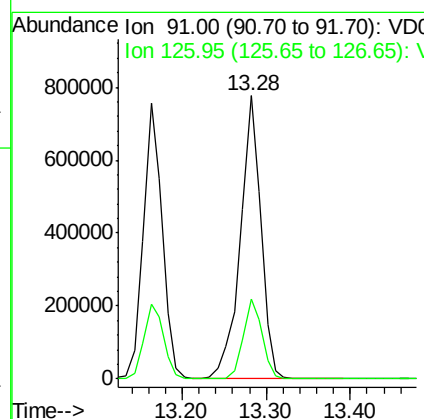
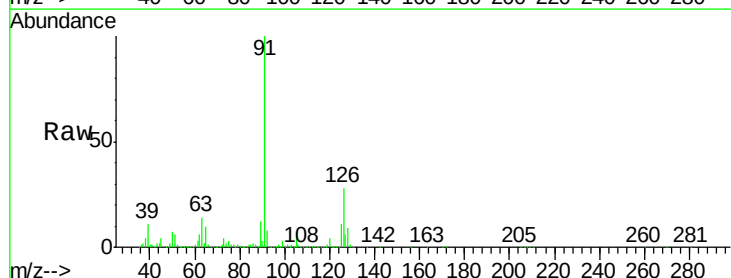
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

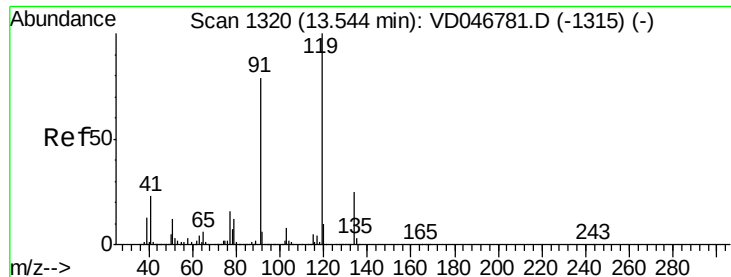
Tot Ion: 75 Resp: 71499
Ion Ratio Lower Upper
75 100
53 101.6 82.3 123.5
89 44.9 36.6 54.8



#82
4-Chlorotoluene
Concen: 150.84 ug/l
RT: 13.28 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 91 Resp: 1325914
Ion Ratio Lower Upper
91 100
126 28.0 14.1 42.4

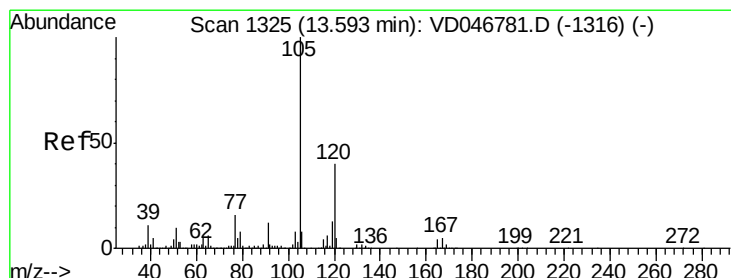
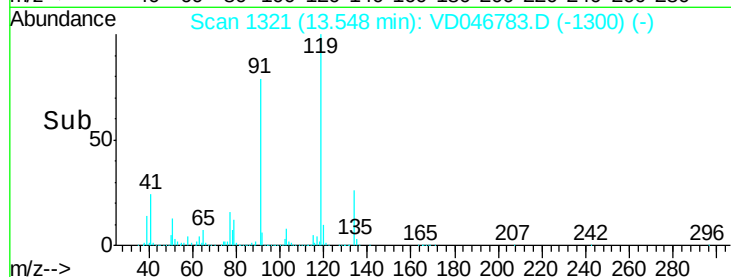
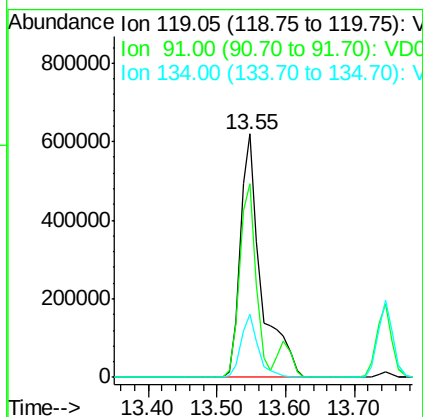
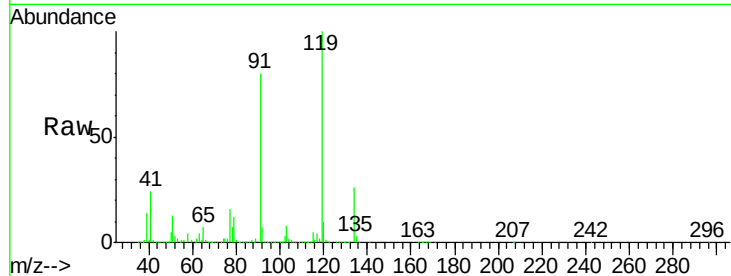




#83
 tert-Butylbenzene
 Concen: 189.54 ug/l
 RT: 13.55 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

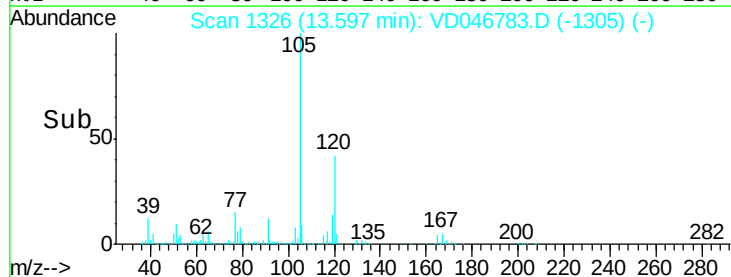
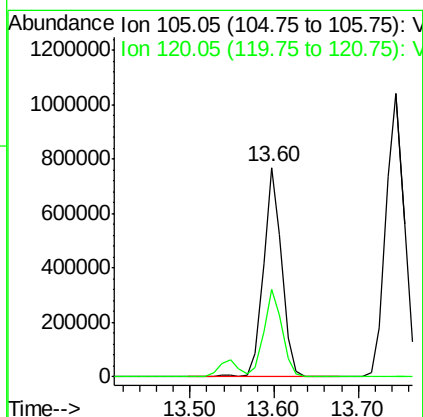
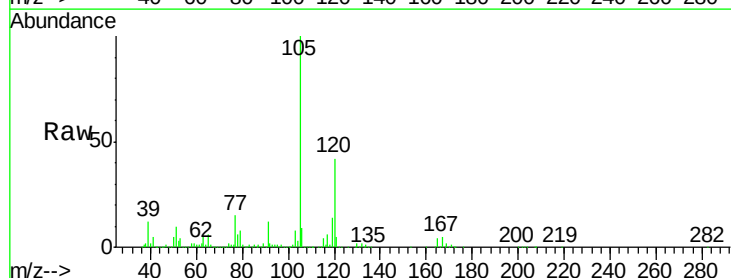
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

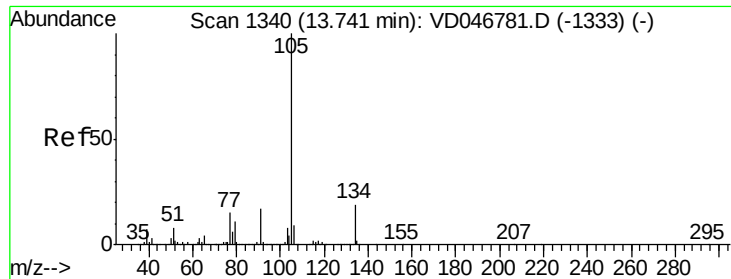
Tot Ion:119 Resp: 1297901
 Ion Ratio Lower Upper
 119 100
 91 79.7 41.6 124.9
 134 26.1 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 153.76 ug/l
 RT: 13.60 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion:105 Resp: 1172826
 Ion Ratio Lower Upper
 105 100
 120 41.5 21.1 63.1





#85

sec-Butylbenzene

Concen: 157.81 ug/l

RT: 13.74 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

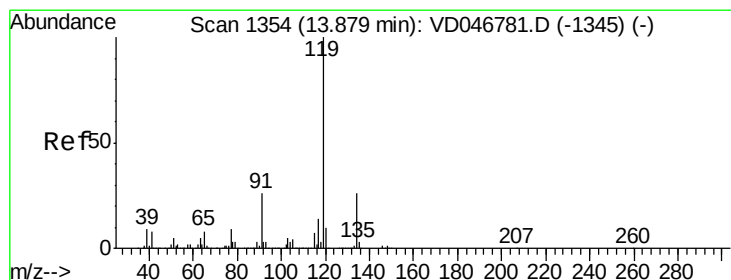
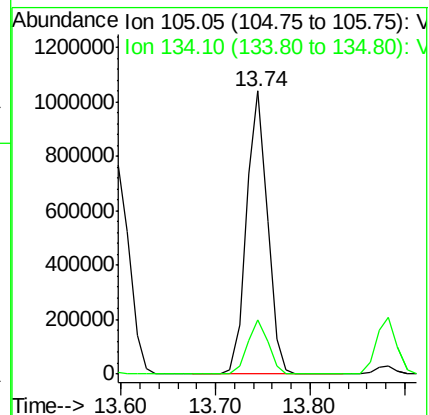
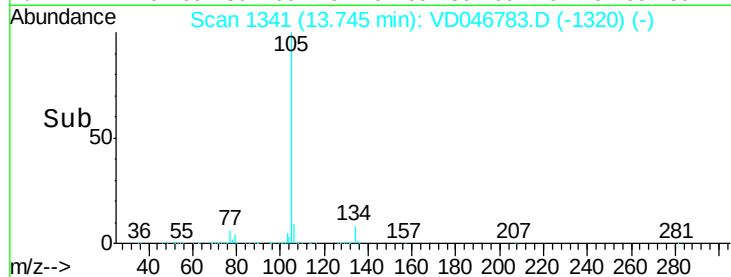
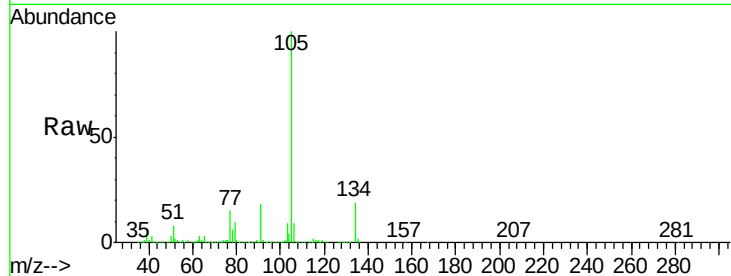
VSTDIC150

Tot Ion:105 Resp: 1579436

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 157.15 ug/l

RT: 13.88 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

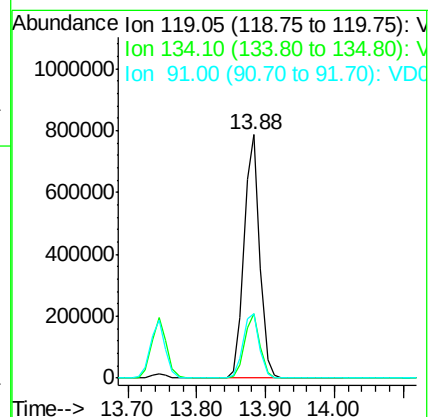
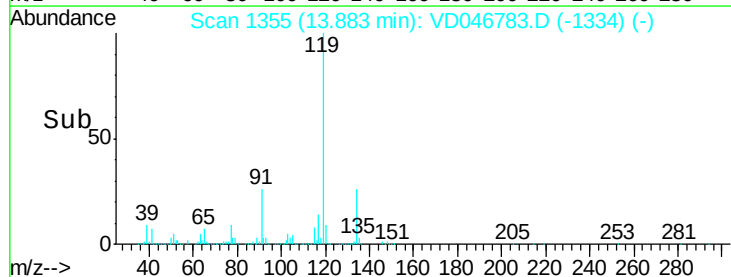
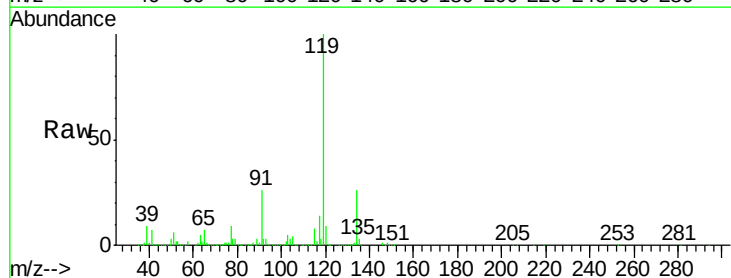
Tgt Ion:119 Resp: 1227188

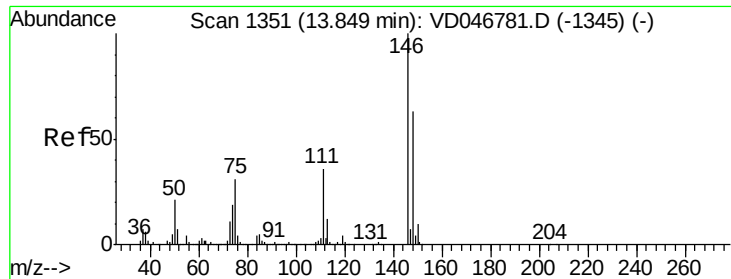
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 26.3 13.8 41.3

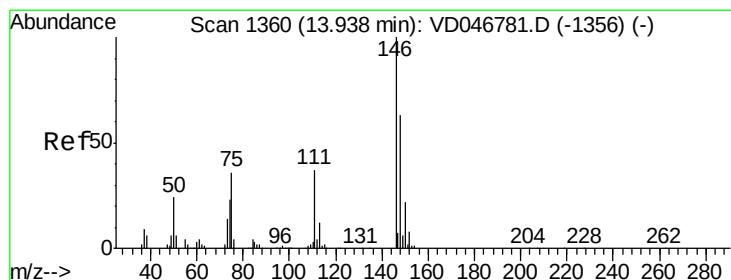
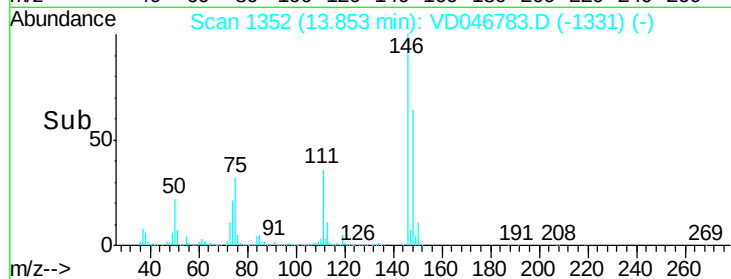
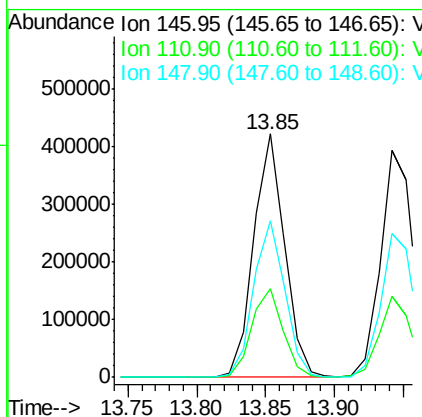
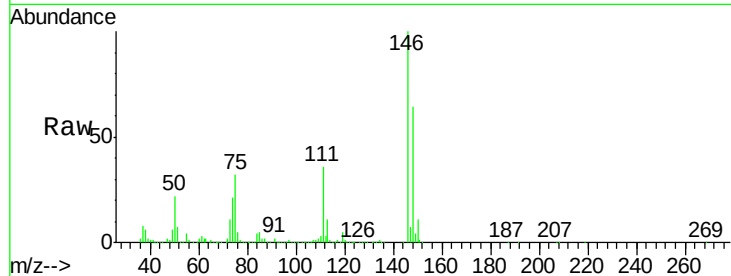




#87
 1,3-Dichlorobenzene
 Concen: 148.30 ug/l
 RT: 13.85 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

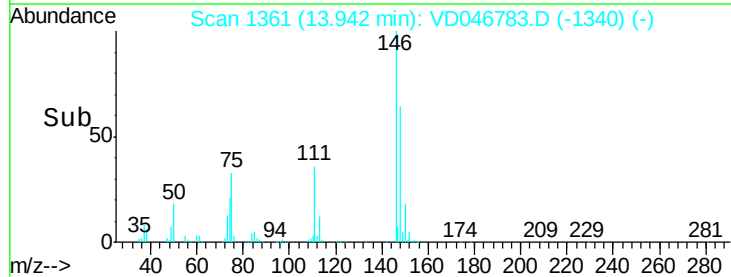
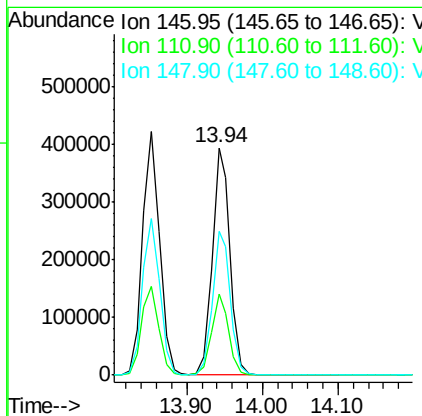
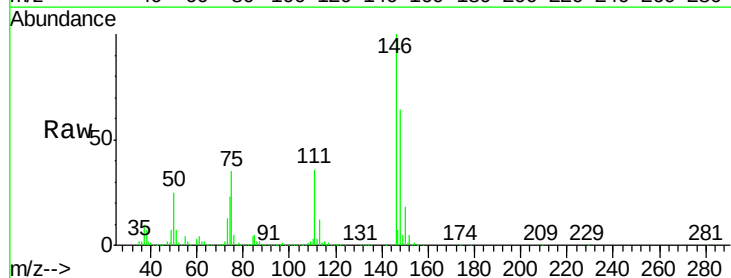
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150

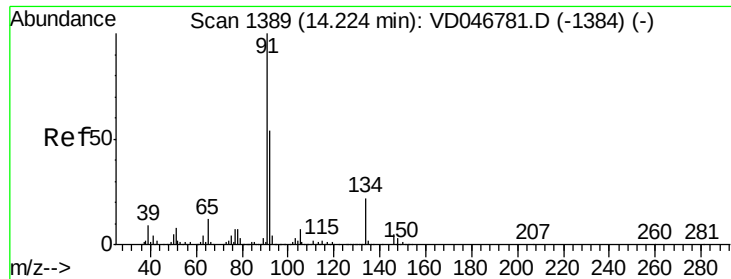
Tot Ion:146 Resp: 662723
 Ion Ratio Lower Upper
 146 100
 111 36.4 17.4 52.2
 148 64.2 33.0 99.0



#88
 1,4-Dichlorobenzene
 Concen: 148.54 ug/l
 RT: 13.94 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VD046783.D
 Acq: 18 Sep 2015 15:05

Tgt Ion:146 Resp: 645810
 Ion Ratio Lower Upper
 146 100
 111 35.6 17.0 51.0
 148 63.6 31.9 95.7

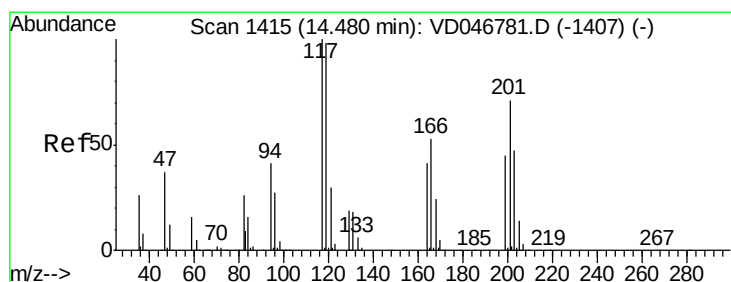
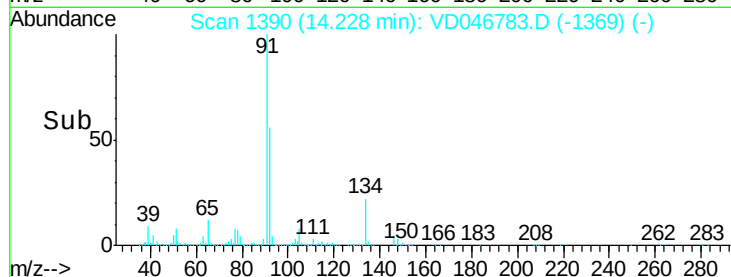
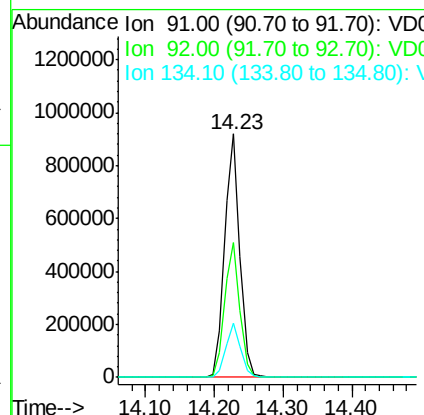
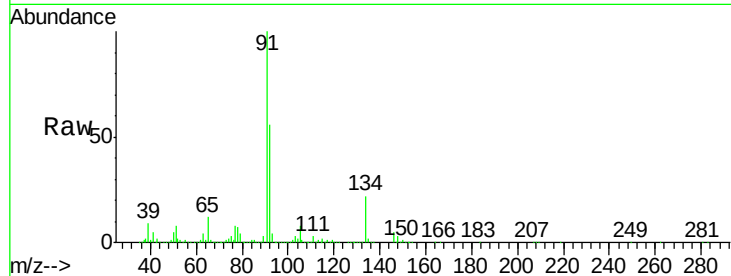




#89
n-Butylbenzene
Concen: 157.51 ug/l
RT: 14.23 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

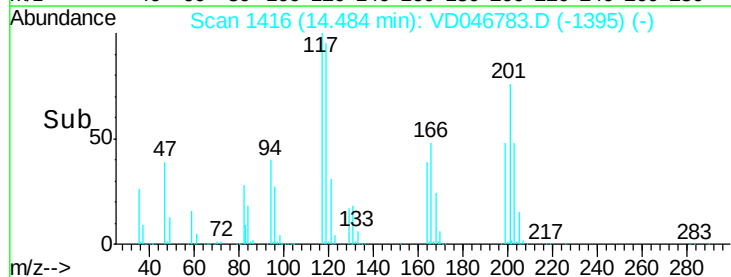
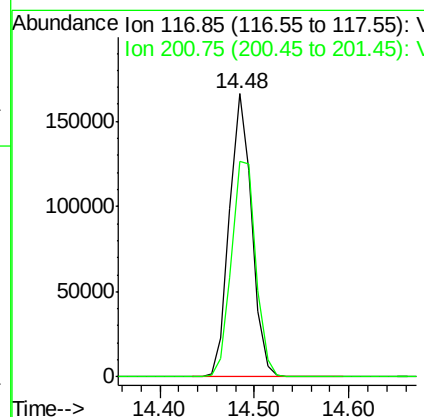
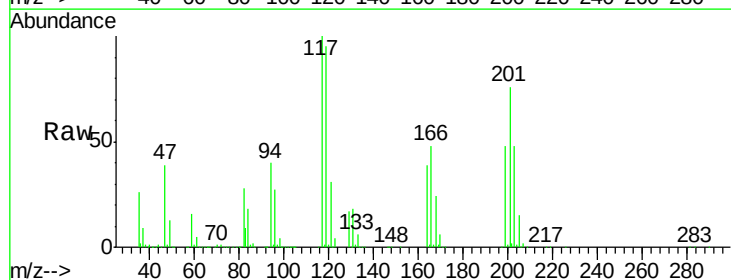
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

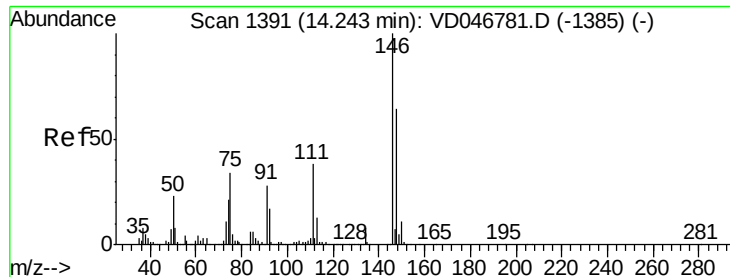
Tot Ion: 91 Resp: 1390187
Ion Ratio Lower Upper
91 100
92 55.5 27.1 81.2
134 22.1 9.6 28.6



#90
Hexachloroethane
Concen: 145.89 ug/l
RT: 14.48 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VD046783.D
Acq: 18 Sep 2015 15:05

Tgt Ion: 117 Resp: 270502
Ion Ratio Lower Upper
117 100
201 76.3 41.0 123.0





#91

1,2-Dichlorobenzene

Concen: 144.66 ug/l

RT: 14.25 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

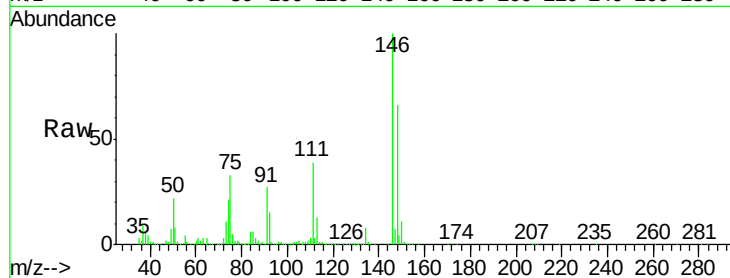
Tot Ion:146 Resp: 538324

Ion Ratio Lower Upper

146 100

111 38.7 18.2 54.6

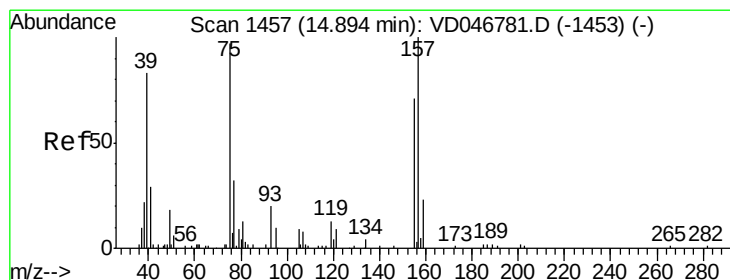
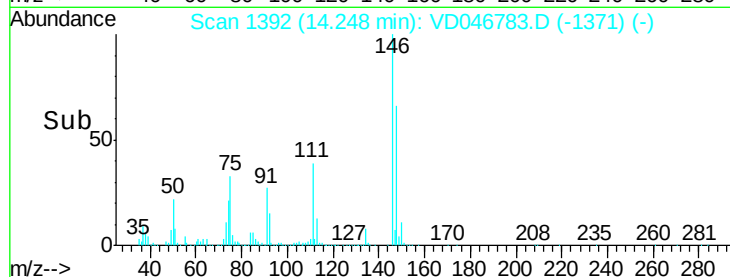
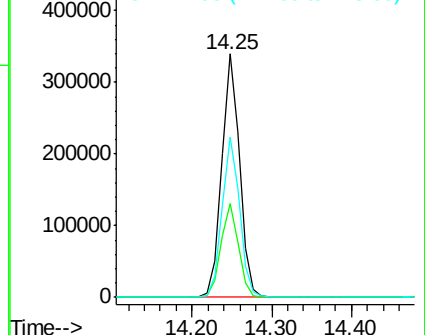
148 65.8 31.1 93.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 142.27 ug/l

RT: 14.90 min Scan# 1458

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

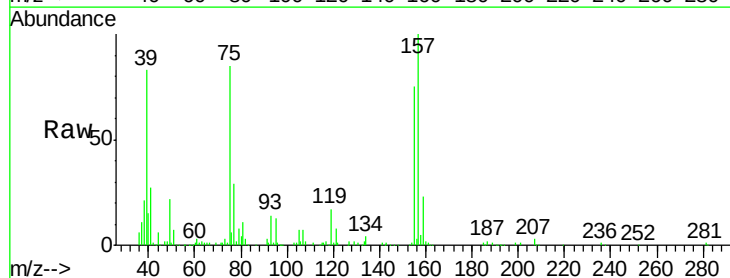
Tgt Ion: 75 Resp: 29891

Ion Ratio Lower Upper

75 100

155 87.2 41.4 124.4

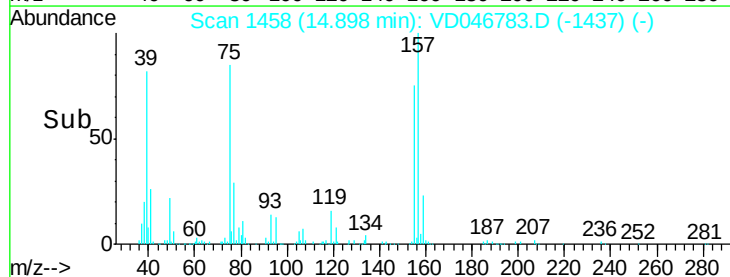
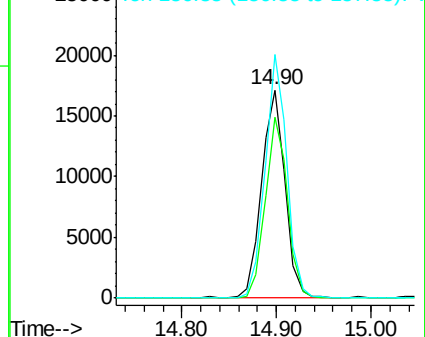
157 117.0 65.0 195.1

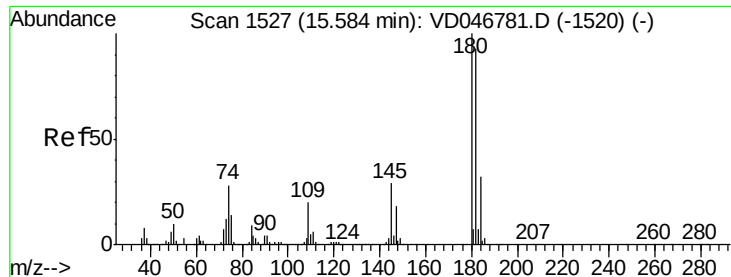


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V





#93

1,2,4-Trichlorobenzene

Concen: 161.09 ug/l

RT: 15.59 min Scan# 1528

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

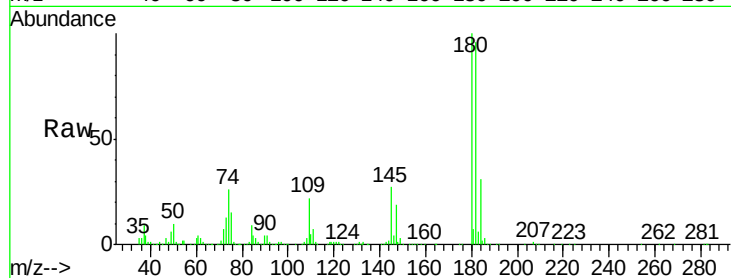
Tot Ion:180 Resp: 346092

Ion Ratio Lower Upper

180 100

182 96.4 47.5 142.5

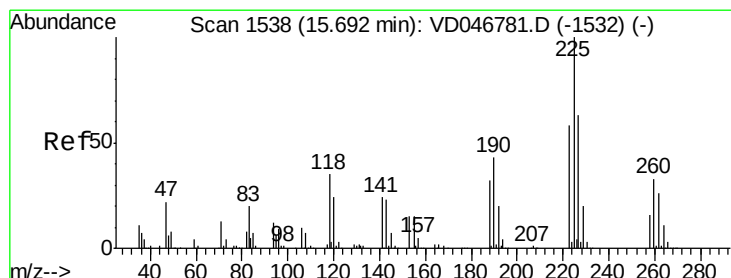
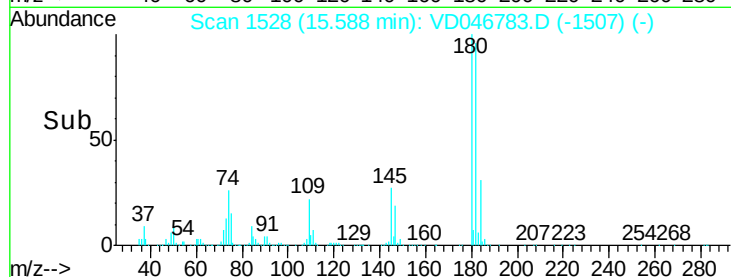
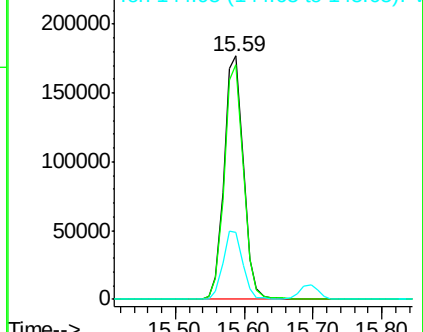
145 27.3 14.6 44.0



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V



#94

Hexachlorobutadiene

Concen: 152.53 ug/l

RT: 15.70 min Scan# 1539

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

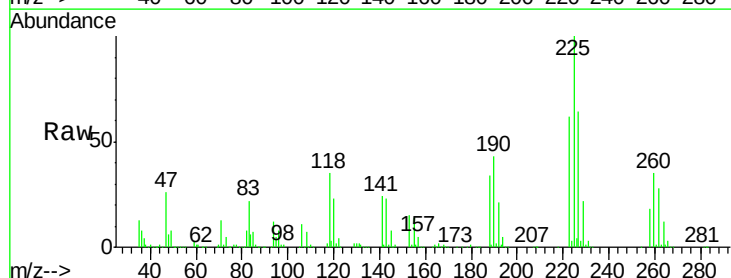
Tgt Ion:225 Resp: 264777

Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

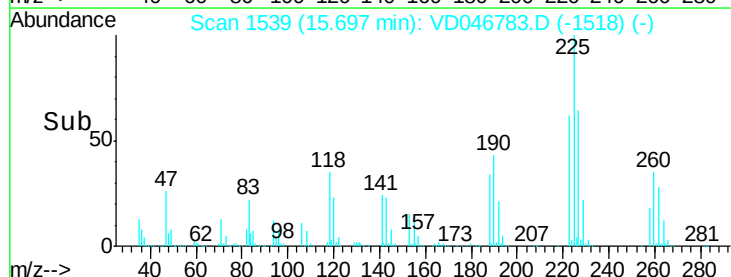
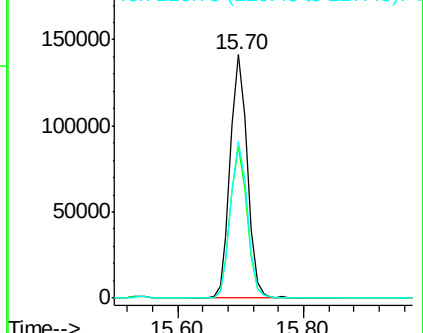
227 64.2 31.3 93.9

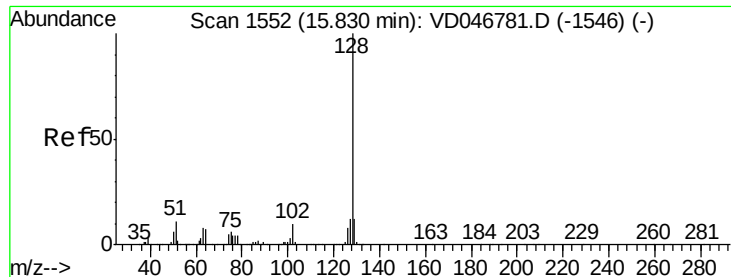


Abundance Ion 224.75 (224.45 to 225.45): V

Ion 222.75 (222.45 to 223.45): V

Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 171.38 ug/l

RT: 15.83 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

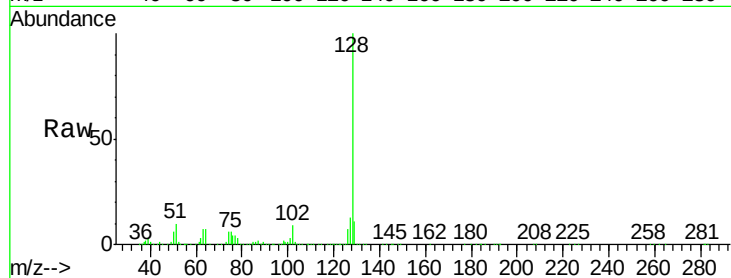
Tot Ion:128 Resp: 433460

Ion Ratio Lower Upper

128 100

127 12.6 9.8 14.6

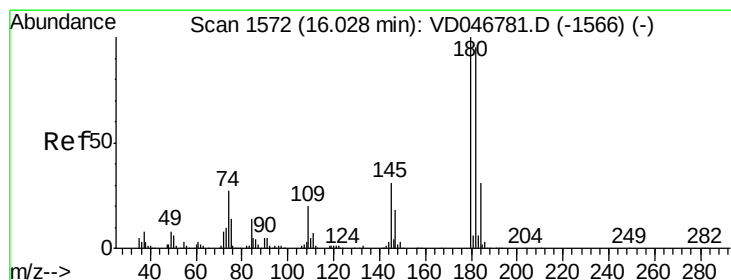
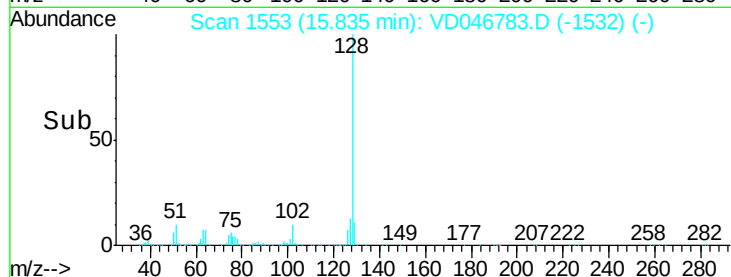
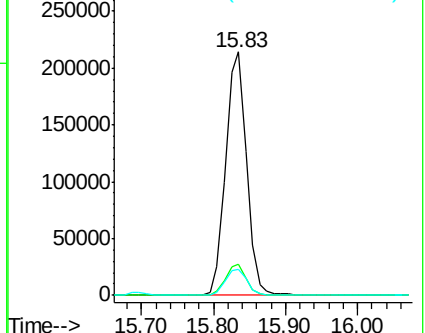
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 155.48 ug/l

RT: 16.03 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VD046783.D

Acq: 18 Sep 2015 15:05

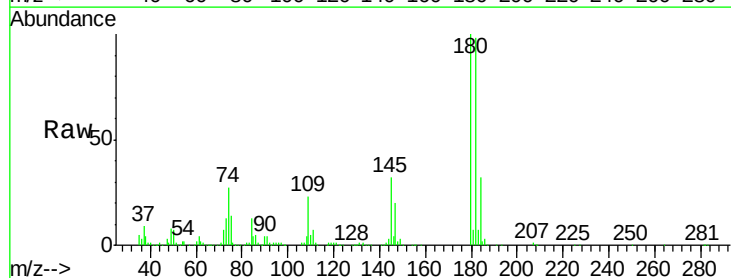
Tgt Ion:180 Resp: 275156

Ion Ratio Lower Upper

180 100

182 97.7 47.4 142.3

145 32.1 15.4 46.4



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

