

Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
 Data File : VD046796.D
 Acq On : 18 Sep 2015 22:01
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00gm/5mL/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 19 00:13:44 2015
 Quant Method : W:\HPCHEM1\MSVOA_D\METHOD\82D091815S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 18 15:47:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.31	168	181592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	234832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.58	117	221366	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.92	152	121378	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.72	65	104569	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
35) Dibromofluoromethane	6.21	113	100345	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
50) Toluene-d8	9.62	98	326035	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	
62) 4-Bromofluorobenzene	12.85	95	131041	56.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.42	85	112645	70.00	ug/l	99
3) Chlorodifluoromethane	1.44	51	65442	47.27	ug/l #	93
4) Chloromethane	1.58	50	59504	55.59	ug/l	98
5) Vinyl Chloride	1.68	62	59570	59.25	ug/l	98
6) Bromomethane	1.98	94	54961	64.31	ug/l	94
7) Chloroethane	2.08	64	37701	59.91	ug/l	95
8) Trichlorofluoromethane	2.33	101	177486	59.68	ug/l	98
9) Diethyl Ether	2.64	74	32084	60.86	ug/l	90
10) 1,1,2-Trichlorotrifluoroet	2.89	101	107654	57.85	ug/l	98
11) Methyl Iodide	3.05	142	134265	61.37	ug/l	94
12) Tert butyl alcohol	3.69	59	16104	289.02	ug/l	95
13) 1,1-Dichloroethene	2.88	96	89570	61.57	ug/l	95
14) Acrolein	2.78	56	20901	216.69	ug/l	85
15) Allyl chloride	3.33	41	183315	62.06	ug/l	89
16) Acrylonitrile	3.84	53	68962	312.82	ug/l	96
17) Acetone	2.94	43	85755	268.81	ug/l	97
18) Carbon Disulfide	3.13	76	314168	57.65	ug/l	97
19) Methyl Acetate	3.33	43	115031	62.24	ug/l	99
20) Methyl tert-butyl Ether	3.91	73	147278	64.62	ug/l	94
21) Methylene Chloride	3.51	84	103201	59.58	ug/l	90
22) trans-1,2-Dichloroethene	3.90	96	99444	60.61	ug/l	97
23) Diisopropyl ether	4.66	45	313129	63.86	ug/l #	89
24) Vinyl Acetate	4.61	43	326649	282.12	ug/l	97
25) 1,1-Dichloroethane	4.57	63	181455	60.07	ug/l	99
26) 2-Butanone	5.45	43	108379	302.28	ug/l	95
27) 2,2-Dichloropropane	5.43	77	183804	59.22	ug/l	99
28) cis-1,2-Dichloroethene	5.43	96	107941	63.20	ug/l	90
29) Bromochloromethane	5.79	49	64831	54.47	ug/l	99
30) Chloroform	5.98	83	226189	61.73	ug/l	98
31) Cyclohexane	6.28	56	164402	58.01	ug/l	93
32) 1,1,1-Trichloroethane	6.18	97	196739	60.31	ug/l	99
36) 1,1-Dichloropropene	6.44	75	163861	59.71	ug/l	96
37) Ethyl Acetate	5.54	43	51695	58.64	ug/l	98
38) Carbon Tetrachloride	6.42	117	166716	58.46	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.09	83	175787	63.21	ug/l	99
40) Benzene	6.73	78	419576	59.89	ug/l	96
41) Methacrylonitrile	5.76	41	32711	66.16	ug/l #	96
42) 1,2-Dichloroethane	6.84	62	134336	61.73	ug/l	97
43) Isopropyl Acetate	8.42	43	73477	63.23	ug/l #	97
44) Trichloroethene	7.75	130	105876	60.37	ug/l	99
45) 1,2-Dichloropropane	8.16	63	104639	60.29	ug/l	95
46) Dibromomethane	8.27	93	59833	60.71	ug/l	96
47) Bromodichloromethane	8.57	83	160064	61.88	ug/l	99
48) Methyl methacrylate	8.09	41	116111	65.35	ug/l	96
49) 1,4-Dioxane	8.30	88	8543	1299.88	ug/l #	80
51) 4-Methyl-2-Pentanone	9.49	43	274878	327.37	ug/l	99
52) Toluene	9.72	92	264573	61.22	ug/l	99
53) t-1,3-Dichloropropene	10.13	75	123946	64.90	ug/l	96
54) cis-1,3-Dichloropropene	9.24	75	159065	64.68	ug/l	98
55) 1,1,2-Trichloroethane	10.40	97	70445	62.96	ug/l	96
56) Ethyl methacrylate	10.24	69	67427	57.46	ug/l	99
57) 1,3-Dichloropropane	10.61	76	130403	62.67	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.04	63	154372	279.05	ug/l	96
59) 2-Hexanone	10.72	43	193551	319.06	ug/l	91
60) Dibromochloromethane	10.89	129	96176	62.63	ug/l	98
61) 1,2-Dibromoethane	11.02	107	67431	61.04	ug/l	87
64) Tetrachloroethene	10.48	164	106385	59.51	ug/l	94
65) Chlorobenzene	11.62	112	278462	59.77	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	102732	60.04	ug/l	96
67) Ethyl Benzene	11.73	91	576413	61.57	ug/l	99
68) m/p-Xylenes	11.89	106	366475	124.12	ug/l	91
69) o-Xylene	12.30	106	175662	66.09	ug/l	97
70) Styrene	12.32	104	291540	63.27	ug/l	97
71) Bromoform	12.51	173	58582	64.28	ug/l	98
73) Isopropylbenzene	12.68	105	524916	61.35	ug/l	100
74) N-amyl acetate	12.51	43	113690	52.57	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.00	83	79449	57.54	ug/l	92
76) 1,2,3-Trichloropropane	13.03	75	86665	58.67	ug/l	97
77) Bromobenzene	12.99	156	125843	58.48	ug/l	96
78) n-propylbenzene	13.08	91	725551	60.05	ug/l	97
79) 2-Chlorotoluene	13.16	91	400001	59.63	ug/l	98
80) 1,3,5-Trimethylbenzene	13.26	105	407675	59.79	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.75	75	22105	54.04	ug/l	97
82) 4-Chlorotoluene	13.28	91	468218	58.64	ug/l	99
83) tert-Butylbenzene	13.55	119	452871	73.66	ug/l	96
84) 1,2,4-Trimethylbenzene	13.60	105	413009	60.17	ug/l	98
85) sec-Butylbenzene	13.74	105	547952	60.64	ug/l	97
86) p-Isopropyltoluene	13.88	119	423842	59.68	ug/l	100
87) 1,3-Dichlorobenzene	13.85	146	235065	58.56	ug/l	98
88) 1,4-Dichlorobenzene	13.94	146	228065	57.13	ug/l	99
89) n-Butylbenzene	14.23	91	479135	59.76	ug/l	96
90) Hexachloroethane	14.48	117	97130	58.99	ug/l	96
91) 1,2-Dichlorobenzene	14.25	146	199170	59.06	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.90	75	10562	59.52	ug/l	85

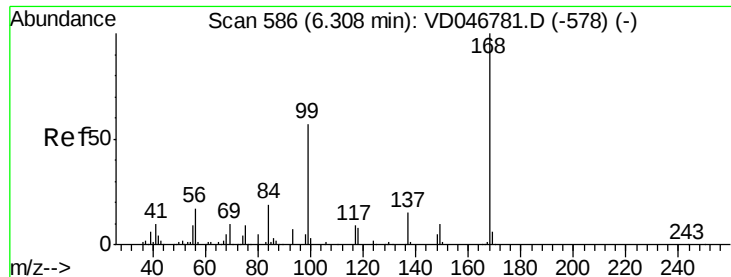
Data Path : W:\HPCHEM1\MSVOA_D\DATA\VD091815\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.59	180	121068	62.35	ug/l	99
94) Hexachlorobutadiene	15.70	225	90955	56.89	ug/l	97
95) Naphthalene	15.82	128	157727	60.82	ug/l	99
96) 1,2,3-Trichlorobenzene	16.03	180	100494	61.93	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.31 min Scan# 587

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

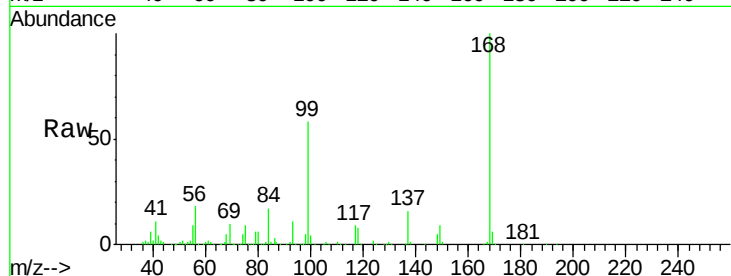
VSTDCCC050EC

Tgt Ion:168 Resp: 181592

Ion Ratio Lower Upper

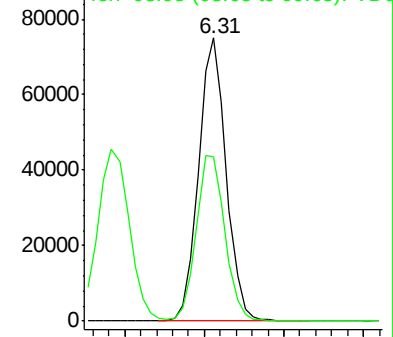
168 100

99 57.9 42.4 63.6

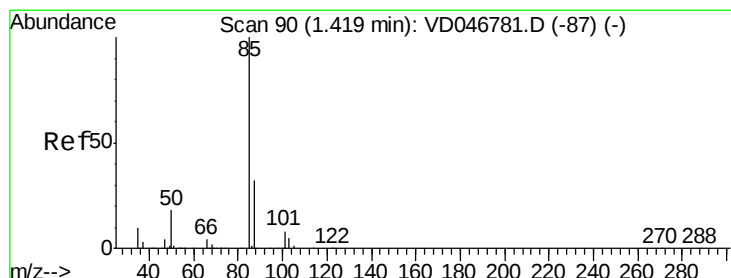
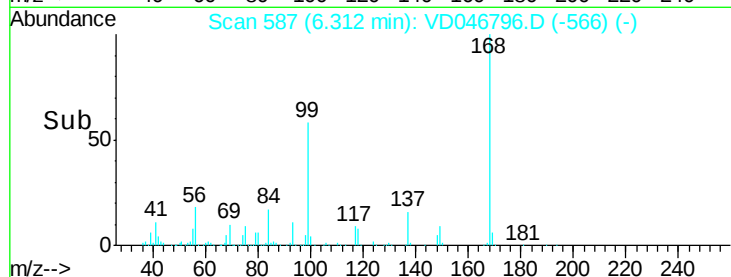


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



Time-->



#2

Dichlorodifluoromethane

Concen: 70.00 ug/l

RT: 1.42 min Scan# 91

Delta R.T. 0.00 min

Lab File: VD046796.D

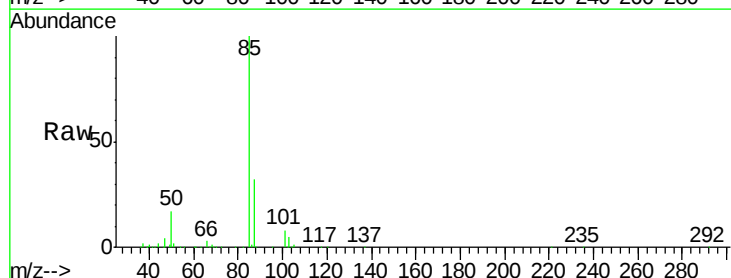
Acq: 18 Sep 2015 22:01

Tgt Ion: 85 Resp: 112645

Ion Ratio Lower Upper

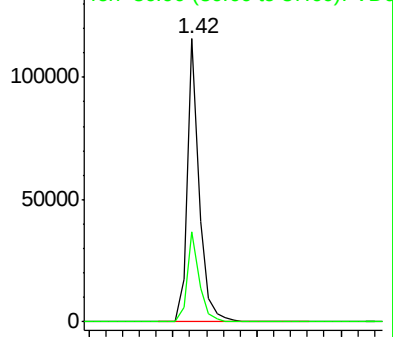
85 100

87 31.9 16.2 48.5

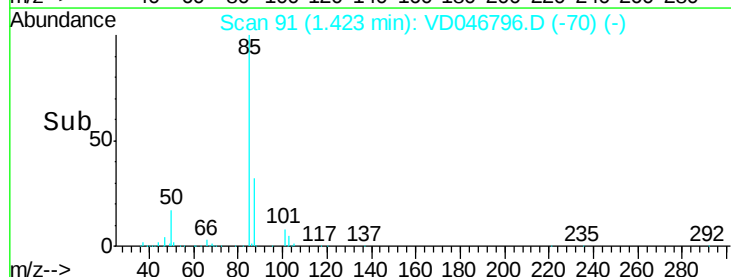


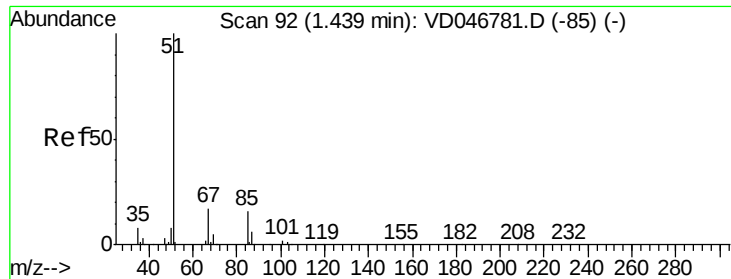
Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC



Time-->





#3

Chlorodifluoromethane

Concen: 47.27 ug/l

RT: 1.44 min Scan# 93

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

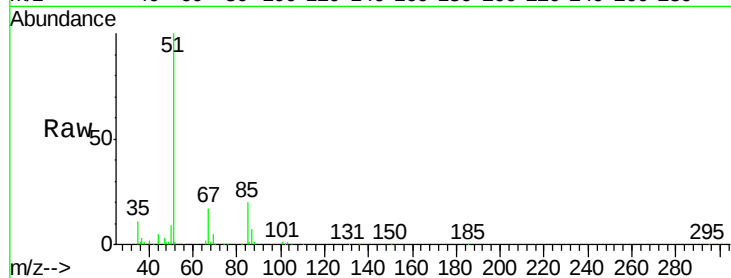
VSTDCCC050EC

Tgt Ion: 51 Resp: 65442

Ion Ratio Lower Upper

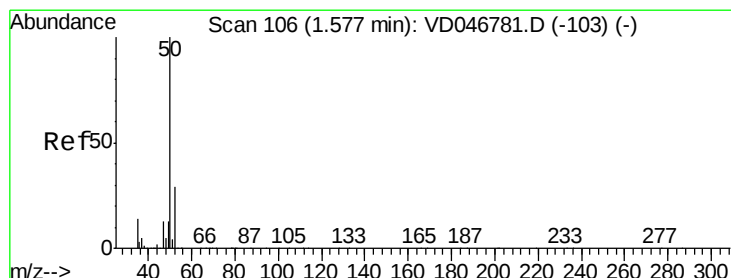
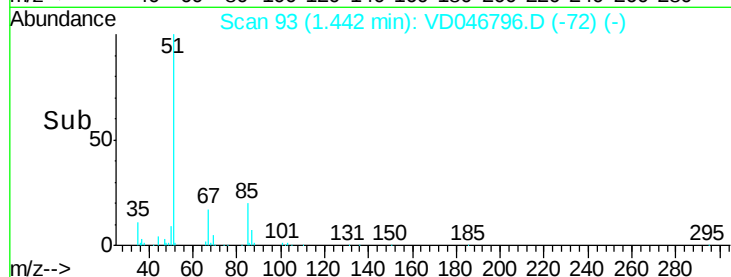
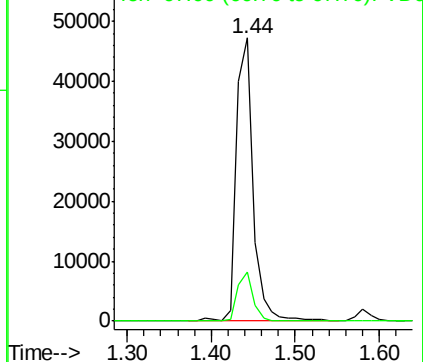
51 100

67 16.6 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: 55.59 ug/l

RT: 1.58 min Scan# 107

Delta R.T. 0.00 min

Lab File: VD046796.D

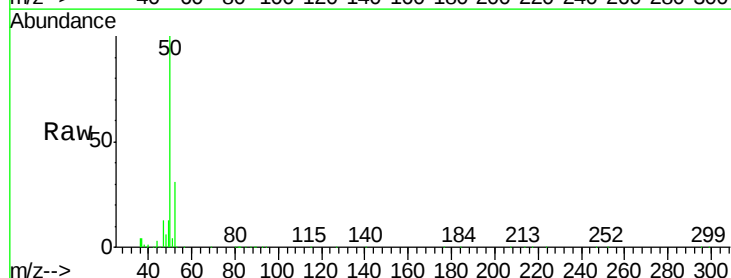
Acq: 18 Sep 2015 22:01

Tgt Ion: 50 Resp: 59504

Ion Ratio Lower Upper

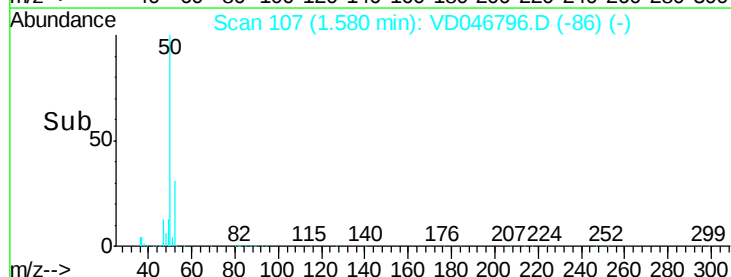
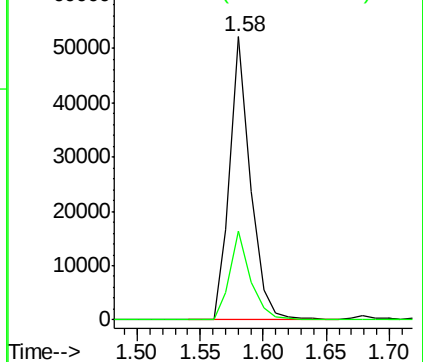
50 100

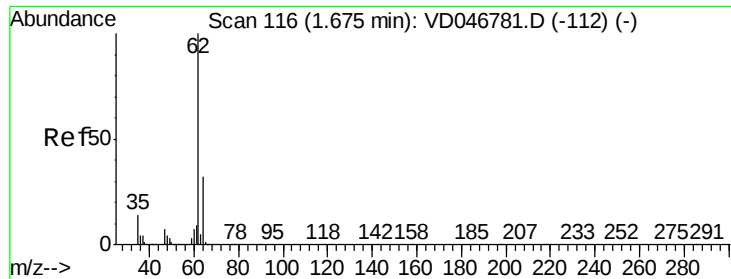
52 31.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC





#5

Vinyl Chloride

Concen: 59.25 ug/l

RT: 1.68 min Scan# 117

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

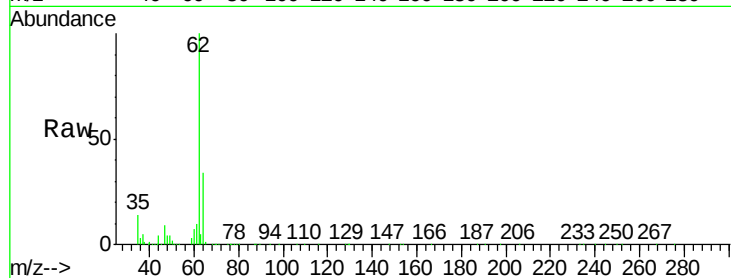
VSTDCCC050EC

Tgt Ion: 62 Resp: 59570

Ion Ratio Lower Upper

62 100

64 34.4 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.68

60000

50000

40000

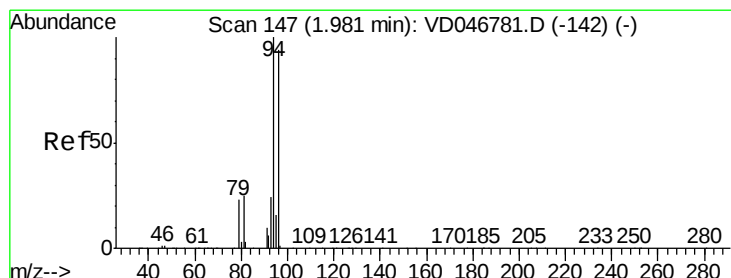
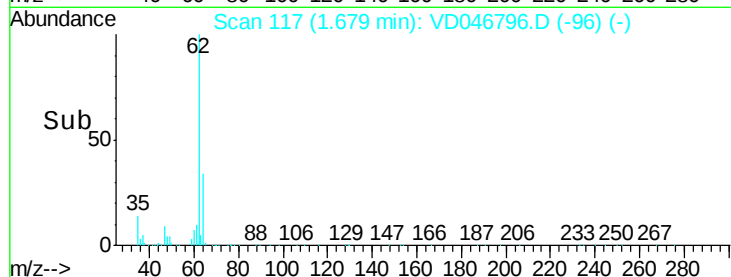
30000

20000

10000

0

Time-->



#6

Bromomethane

Concen: 64.31 ug/l

RT: 1.98 min Scan# 148

Delta R.T. 0.00 min

Lab File: VD046796.D

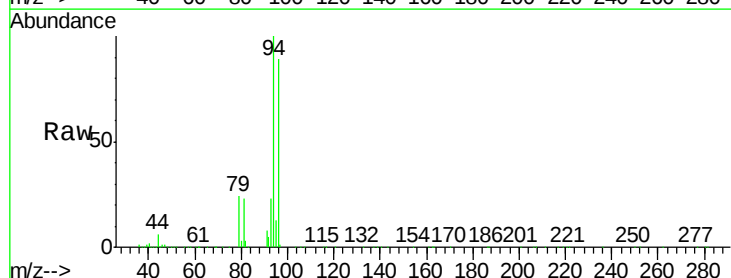
Acq: 18 Sep 2015 22:01

Tgt Ion: 94 Resp: 54961

Ion Ratio Lower Upper

94 100

96 89.3 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

1.98

40000

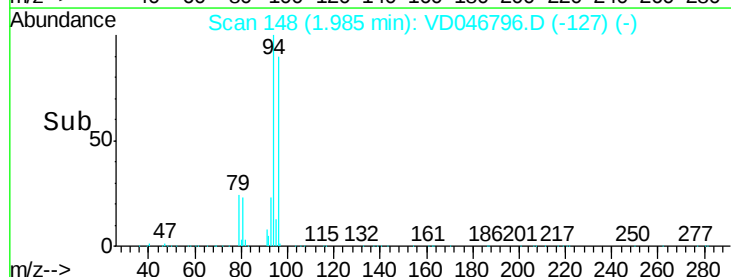
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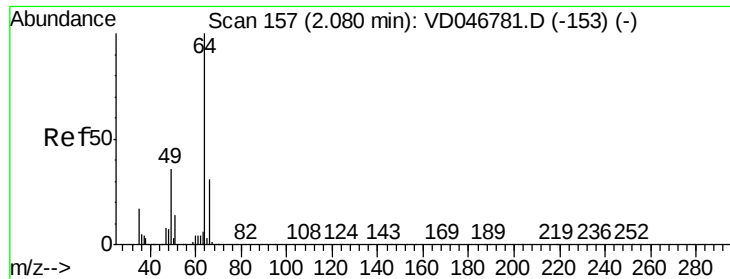
20000

10000

0

Time-->





#7

Chloroethane

Concen: 59.91 ug/l

RT: 2.08 min Scan# 158

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

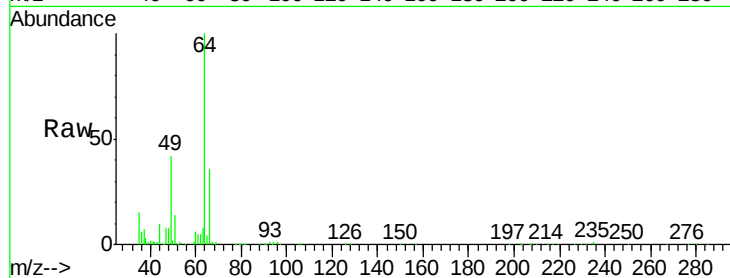
VSTDCCC050EC

Tgt Ion: 64 Resp: 37701

Ion Ratio Lower Upper

64 100

66 36.3 26.6 39.8



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.08

25000

20000

15000

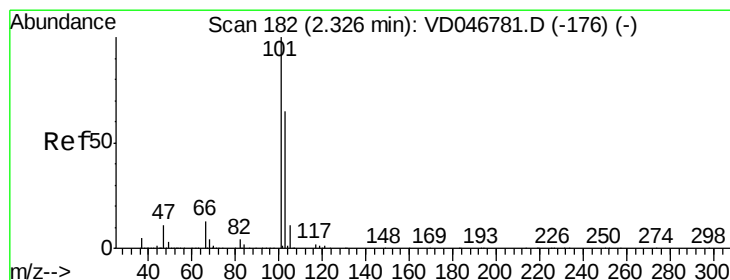
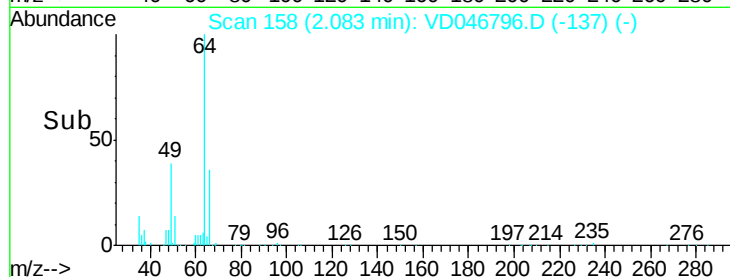
10000

5000

0

2.00 2.10 2.20

Time-->



#8

Trichlorofluoromethane

Concen: 59.68 ug/l

RT: 2.33 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD046796.D

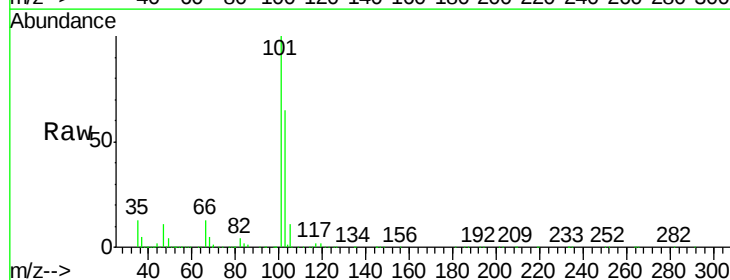
Acq: 18 Sep 2015 22:01

Tgt Ion: 101 Resp: 177486

Ion Ratio Lower Upper

101 100

103 65.3 53.2 79.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V

120000

100000

80000

60000

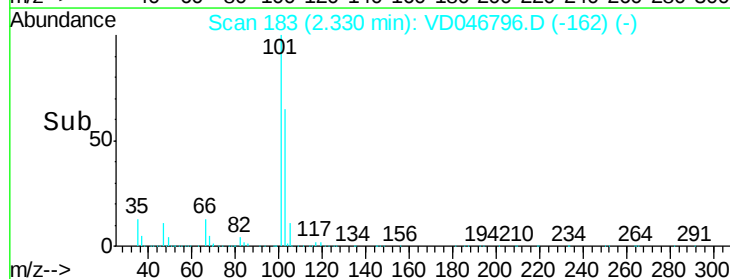
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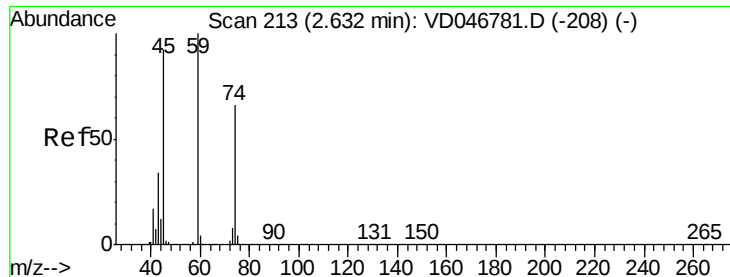
20000

0

2.20 2.30 2.40 2.50

Time-->





#9

Diethyl Ether

Concen: 60.86 ug/l

RT: 2.64 min Scan# 214

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

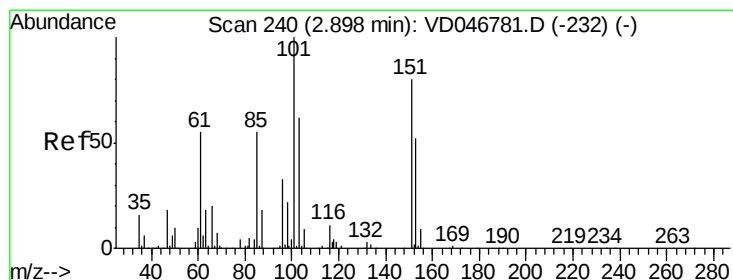
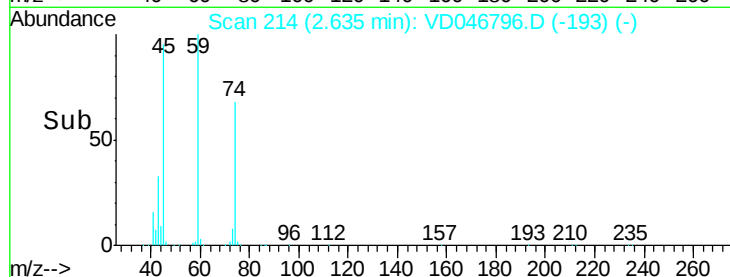
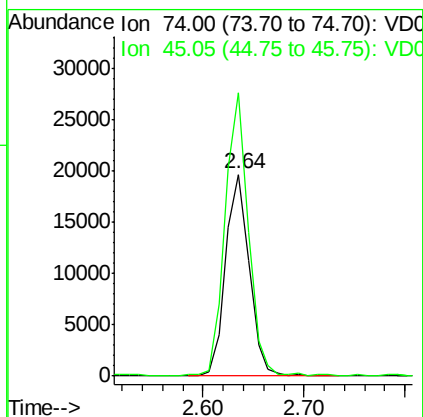
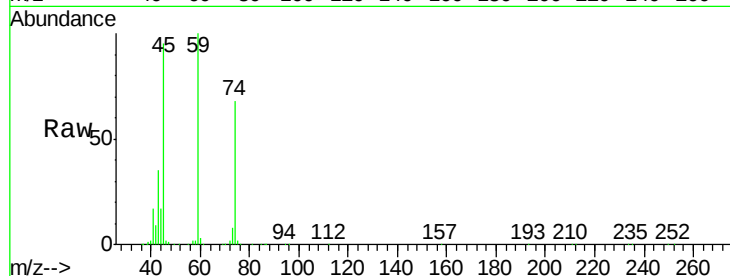
VSTDCCC050EC

Tgt Ion: 74 Resp: 32084

Ion Ratio Lower Upper

74 100

45 140.1 76.2 228.6



#10

1,1,2-Trichlorotrifluoroethane

Concen: 57.85 ug/l

RT: 2.89 min Scan# 240

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

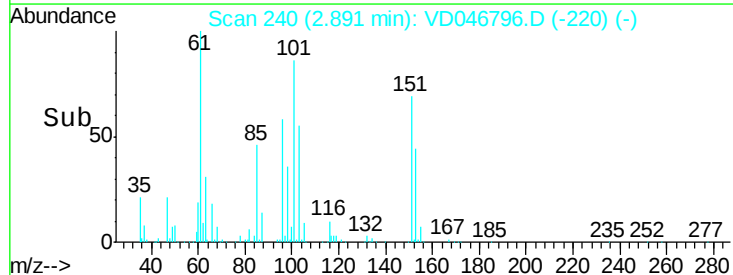
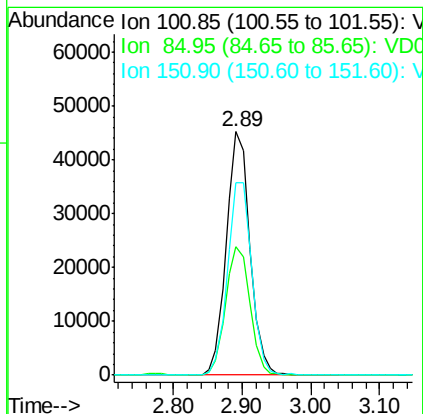
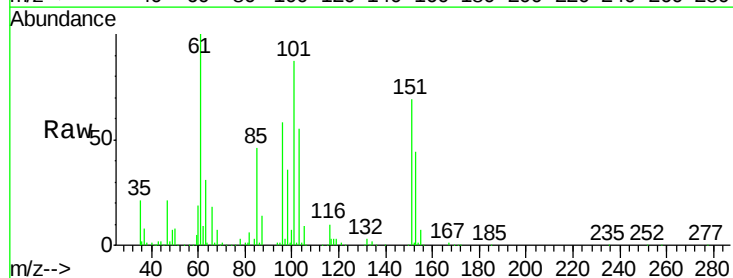
Tgt Ion: 101 Resp: 107654

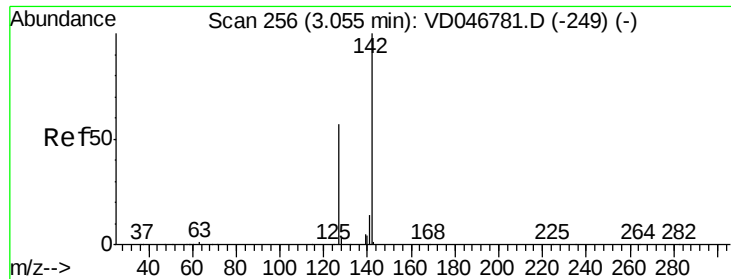
Ion Ratio Lower Upper

101 100

85 52.8 42.0 63.0

151 79.2 65.2 97.8

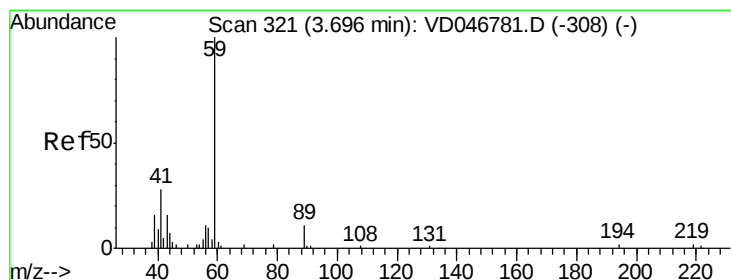
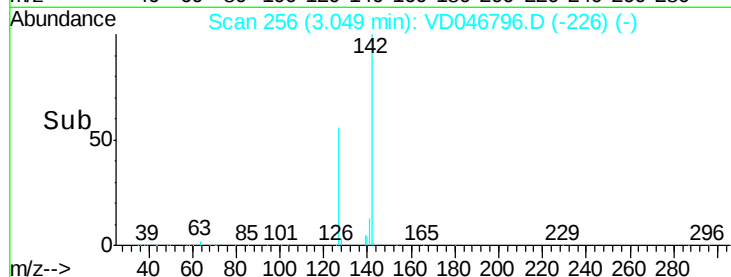
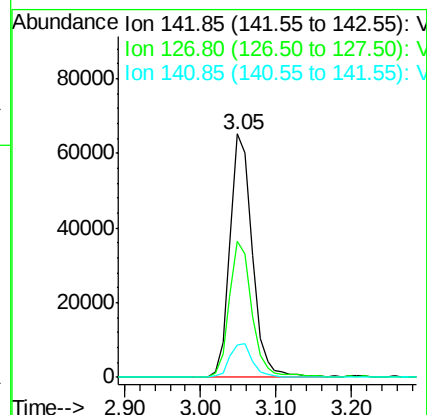
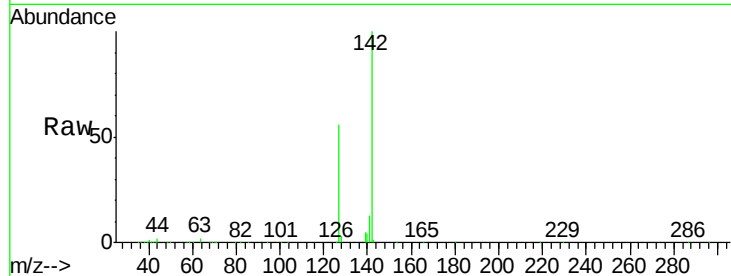




#11
Methyl Iodide
Concen: 61.37 ug/l
RT: 3.05 min Scan# 256
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

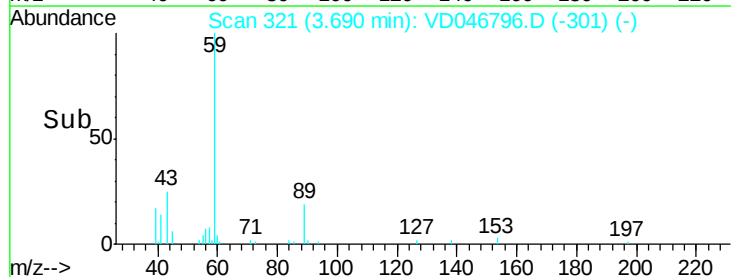
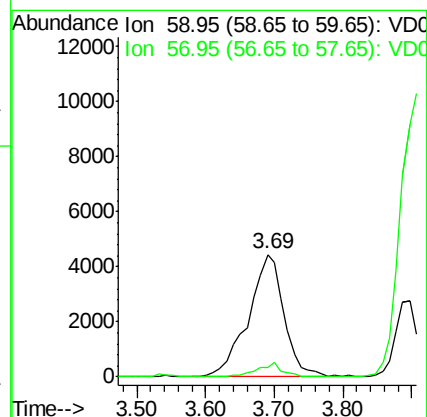
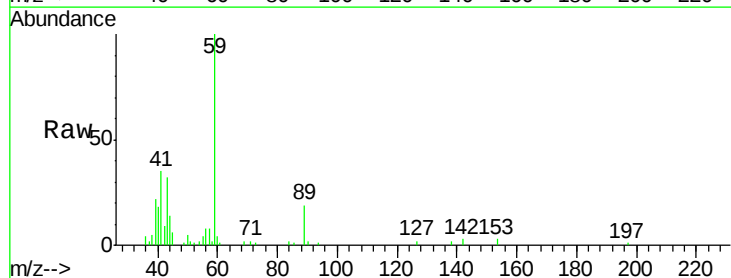
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

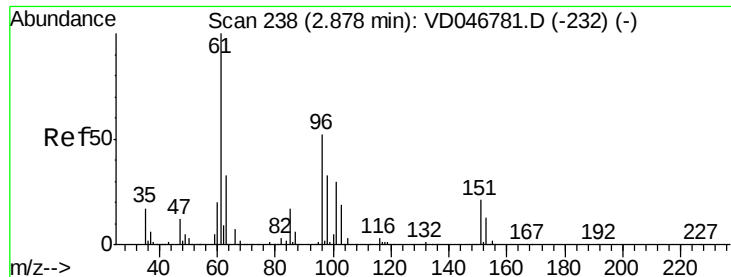
Tgt Ion	Ratio	Lower	Upper
142	100		
127	56.1	41.2	61.8
141	13.5	11.6	17.4



#12
Tert butyl alcohol
Concen: 289.02 ug/l
RT: 3.69 min Scan# 321
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.0	7.8	11.6





#13

1,1-Dichloroethene

Concen: 61.57 ug/l

RT: 2.88 min Scan# 239

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

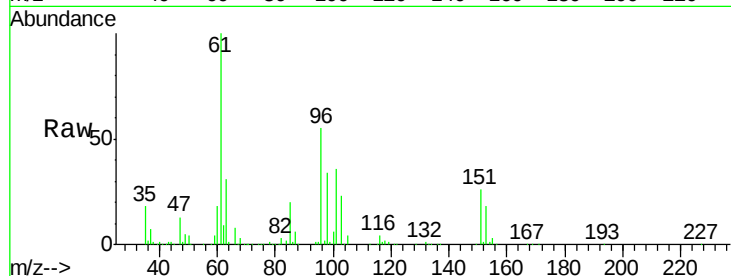
Tgt Ion: 96 Resp: 89570

Ion Ratio Lower Upper

96 100

61 182.4 152.2 228.4

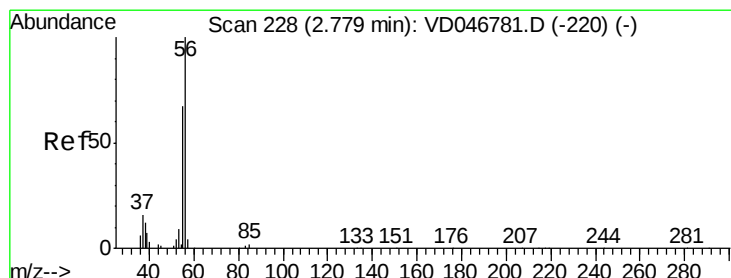
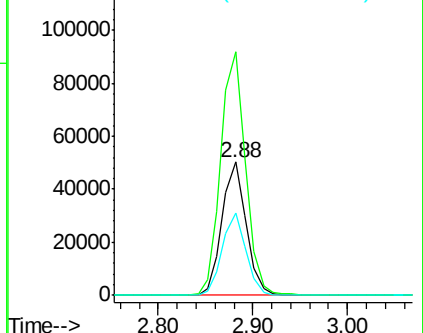
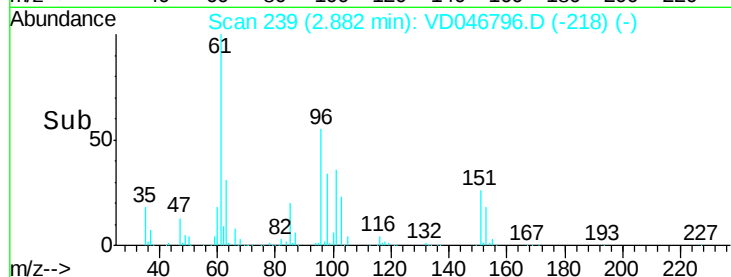
98 62.1 51.2 76.8



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: 216.69 ug/l

RT: 2.78 min Scan# 229

Delta R.T. 0.00 min

Lab File: VD046796.D

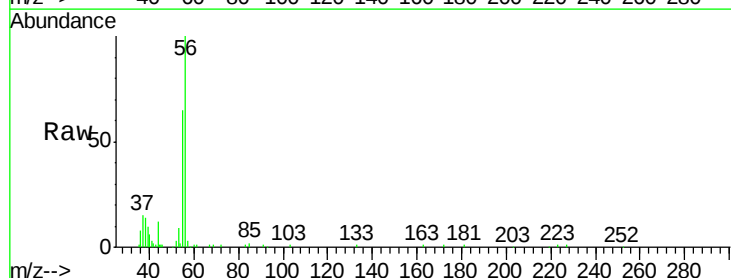
Acq: 18 Sep 2015 22:01

Tgt Ion: 56 Resp: 20901

Ion Ratio Lower Upper

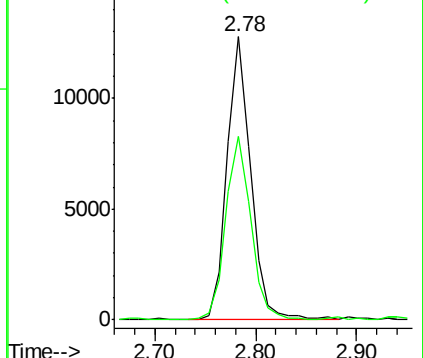
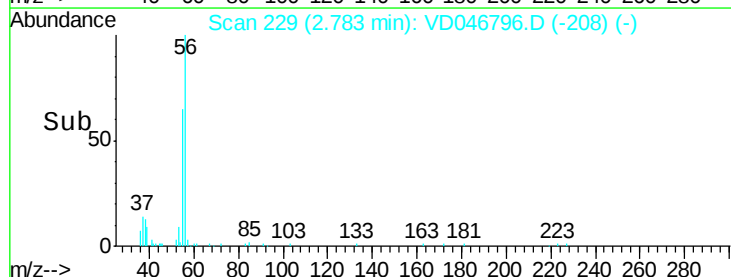
56 100

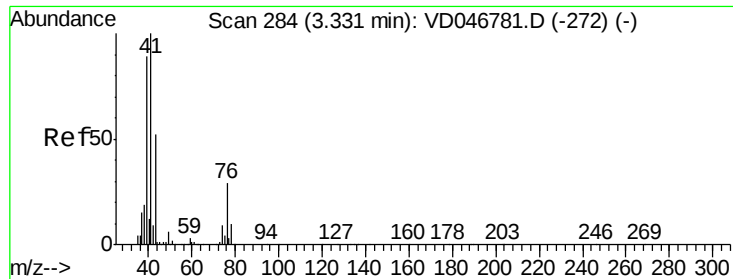
55 65.0 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC





#15

Allyl chloride

Concen: 62.06 ug/l

RT: 3.33 min Scan# 285

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

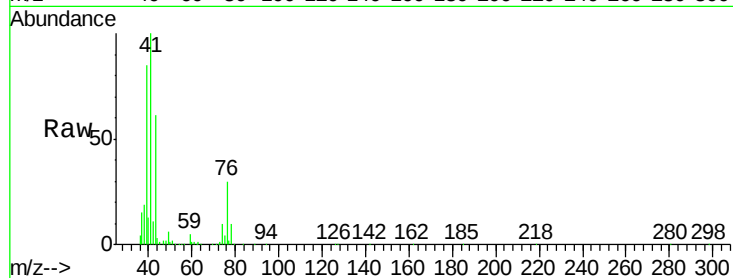
Tgt Ion: 41 Resp: 183315

Ion Ratio Lower Upper

41 100

39 85.4 58.8 88.2

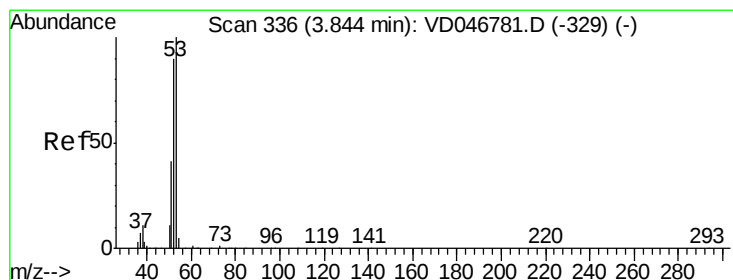
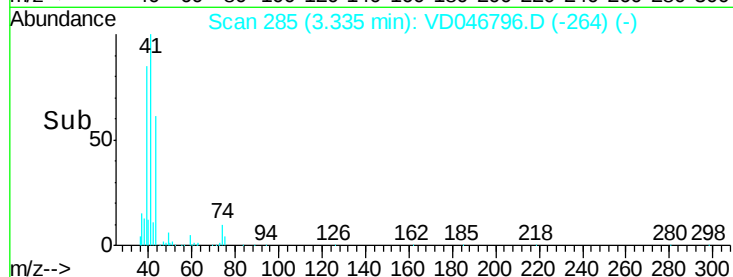
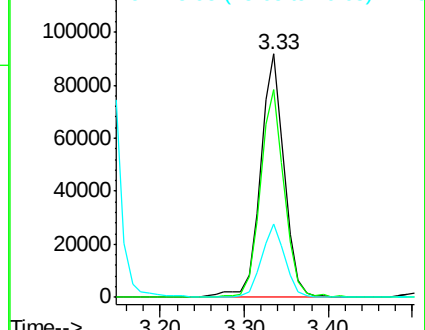
76 30.0 22.7 34.1



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC



#16

Acrylonitrile

Concen: 312.82 ug/l

RT: 3.84 min Scan# 336

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

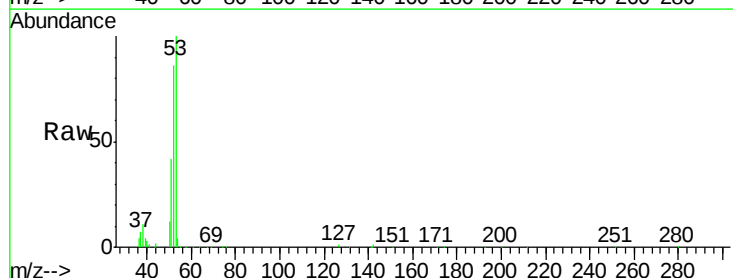
Tgt Ion: 53 Resp: 68962

Ion Ratio Lower Upper

53 100

52 86.5 66.8 100.2

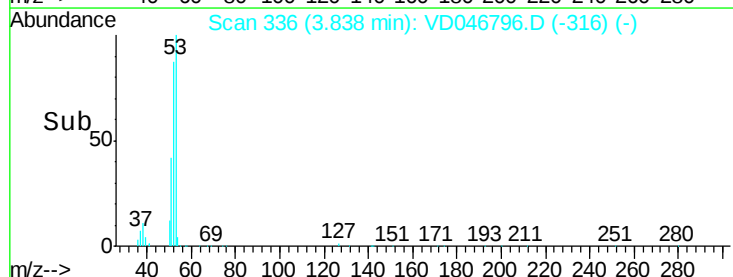
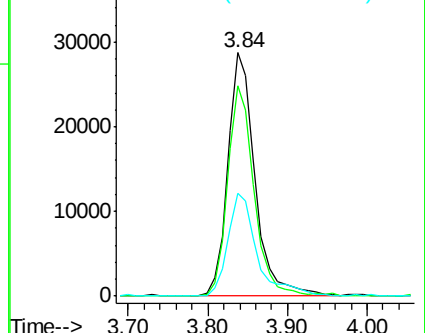
51 42.0 31.2 46.8

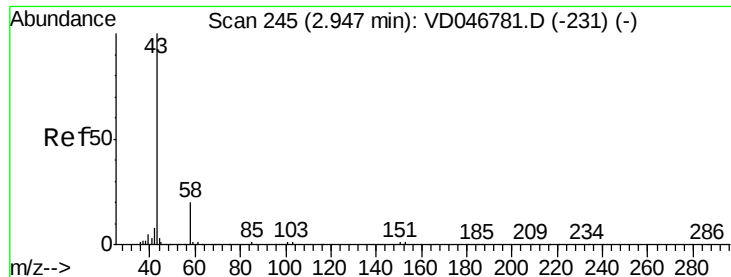


Abundance Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC





#17

Acetone

Concen: 268.81 ug/l

RT: 2.94 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

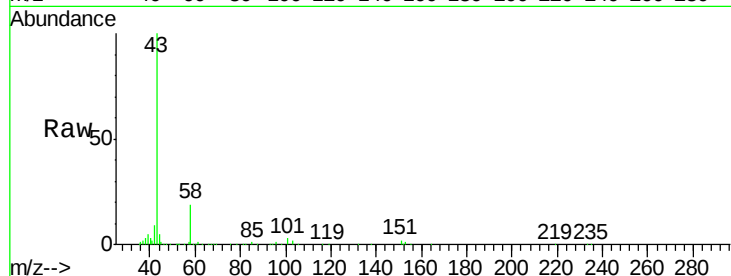
VSTDCCC050EC

Tgt Ion: 43 Resp: 85755

Ion Ratio Lower Upper

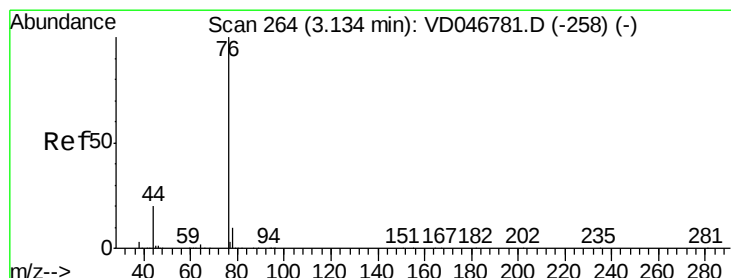
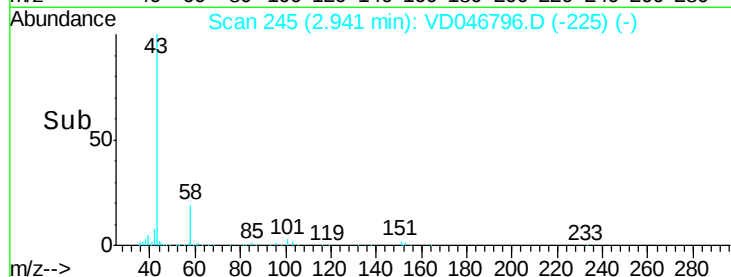
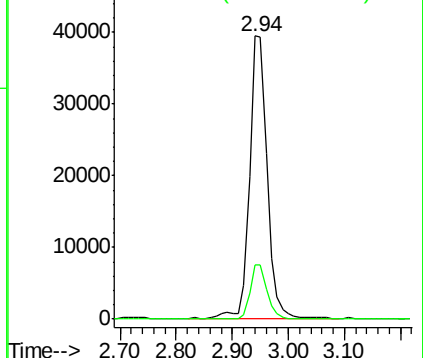
43 100

58 19.1 16.6 24.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#18

Carbon Disulfide

Concen: 57.65 ug/l

RT: 3.13 min Scan# 264

Delta R.T. -0.01 min

Lab File: VD046796.D

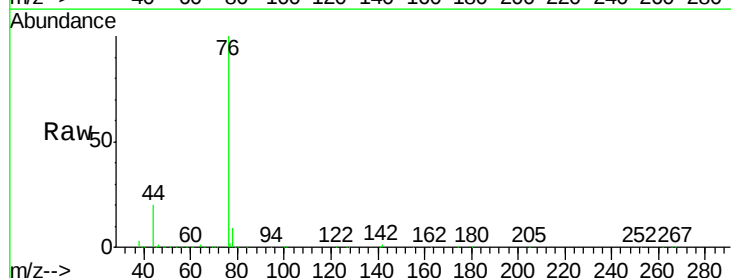
Acq: 18 Sep 2015 22:01

Tgt Ion: 76 Resp: 314168

Ion Ratio Lower Upper

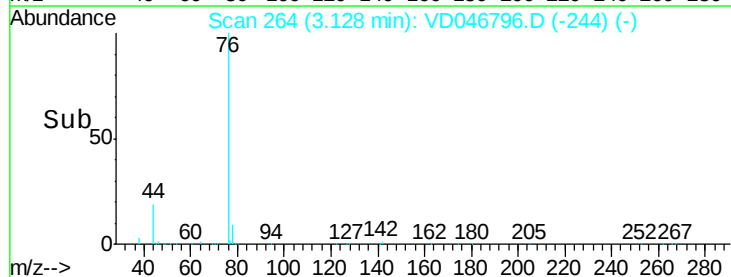
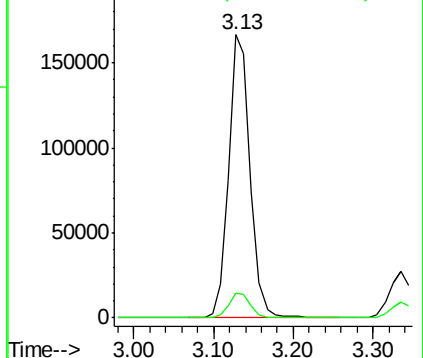
76 100

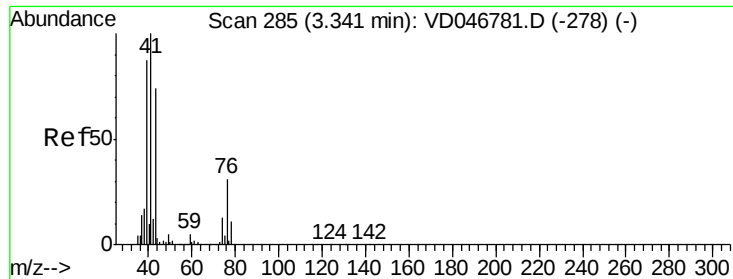
78 8.9 8.0 12.0



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

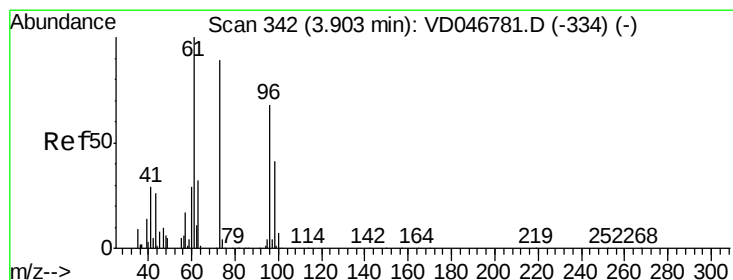
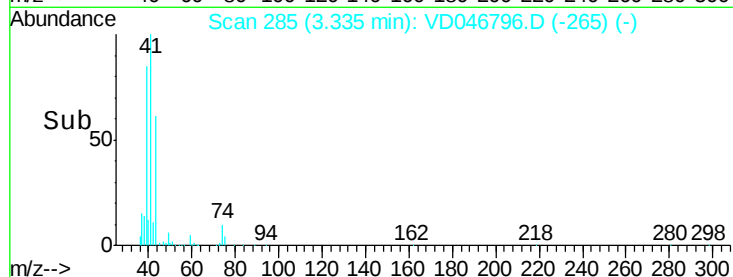
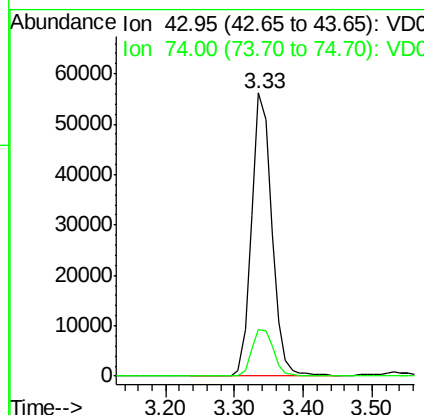
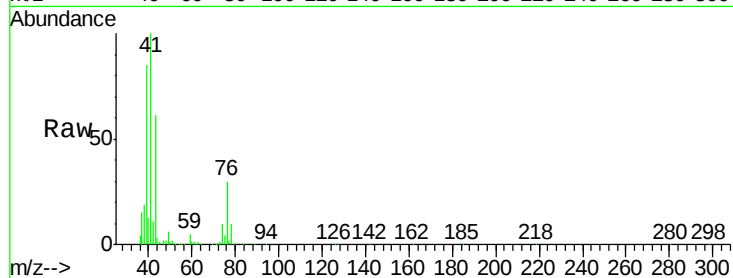




#19
Methyl Acetate
Concen: 62.24 ug/l
RT: 3.33 min Scan# 285
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

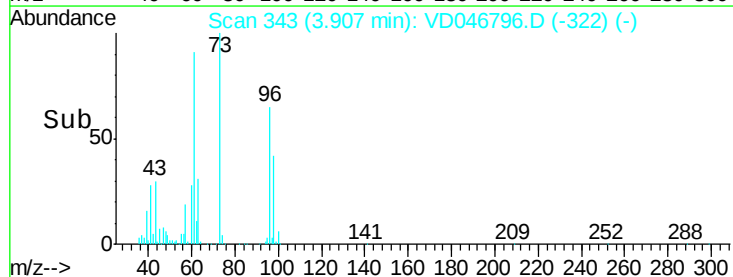
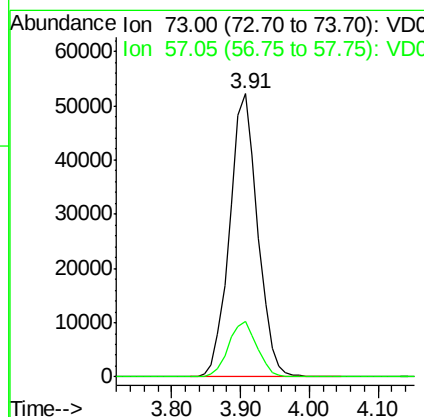
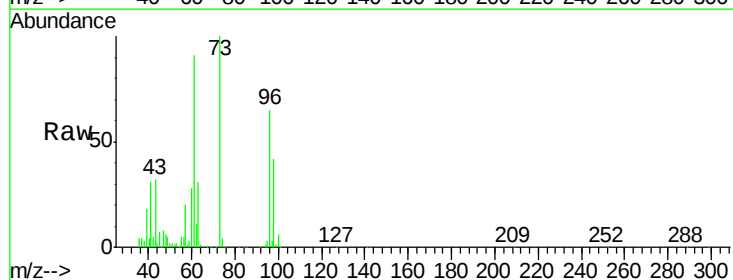
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

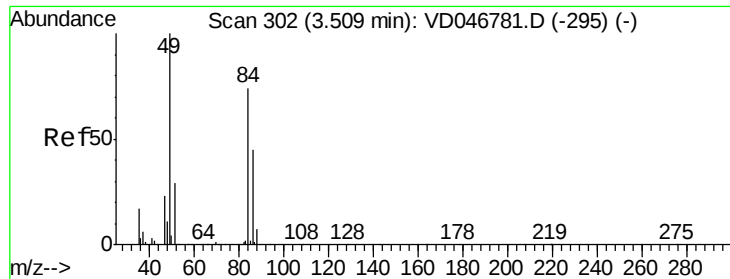
Tgt Ion: 43 Resp: 115031
Ion Ratio Lower Upper
43 100
74 16.6 13.7 20.5



#20
Methyl tert-butyl Ether
Concen: 64.62 ug/l
RT: 3.91 min Scan# 343
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 73 Resp: 147278
Ion Ratio Lower Upper
73 100
57 19.7 18.1 27.1

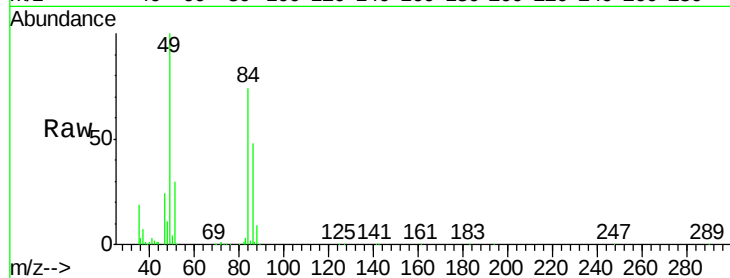




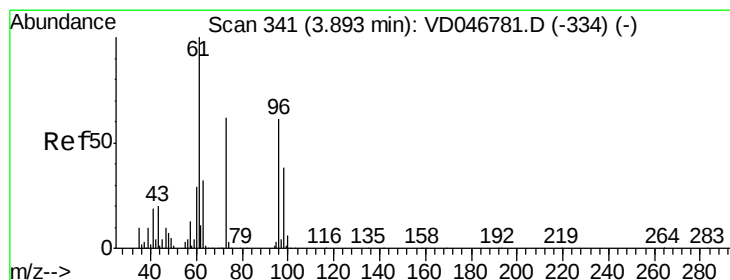
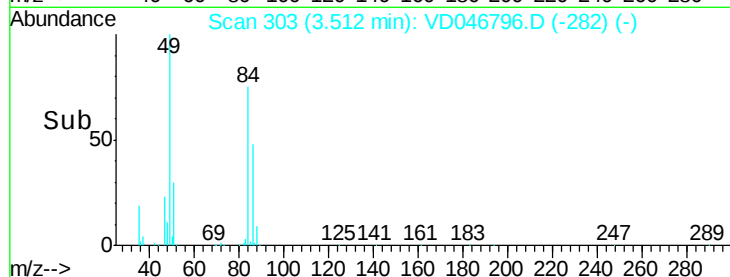
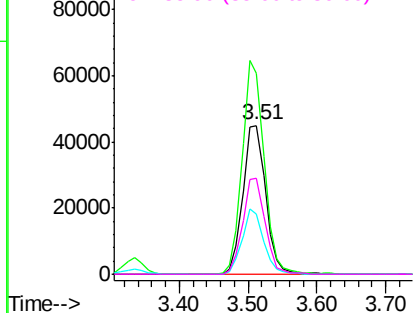
#21
Methylene Chloride
Concen: 59.58 ug/l
RT: 3.51 min Scan# 303
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	84	Resp:	103201
Ion	Ratio	Lower	Upper
84	100		
49	134.7	122.1	183.1
51	40.8	33.6	50.4
86	64.8	48.3	72.5

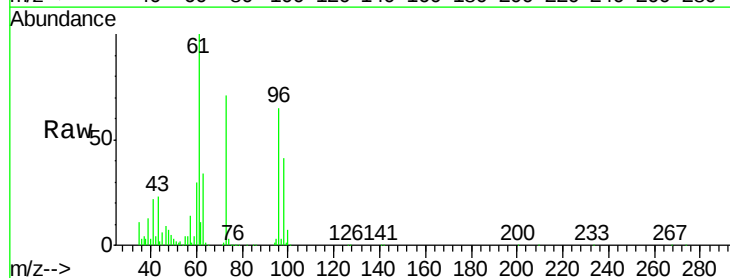


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

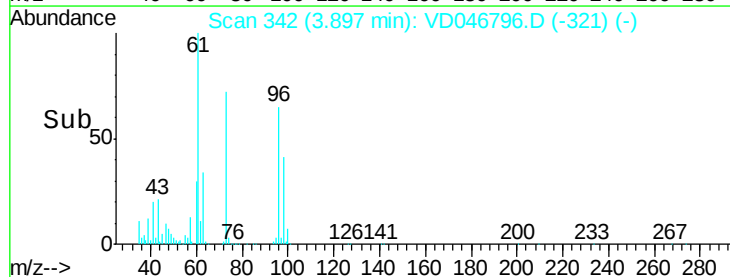
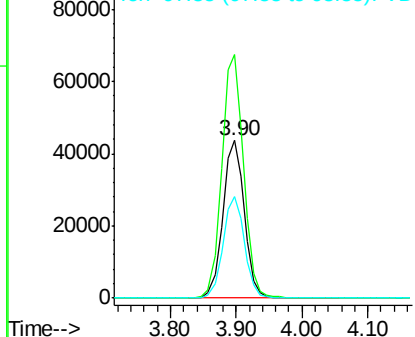


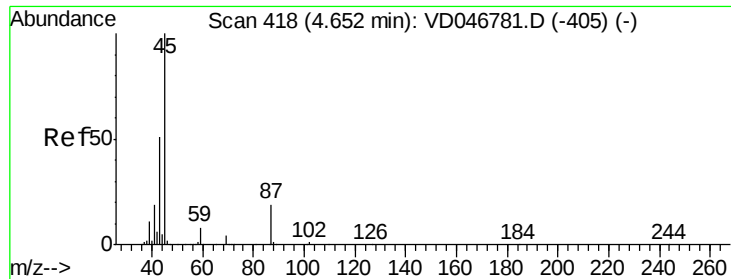
#22
trans-1,2-Dichloroethene
Concen: 60.61 ug/l
RT: 3.90 min Scan# 342
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion:	96	Resp:	99444
Ion	Ratio	Lower	Upper
96	100		
61	154.6	125.8	188.6
98	64.1	54.5	81.7



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

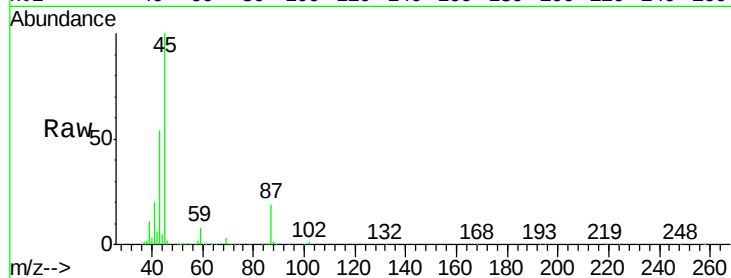




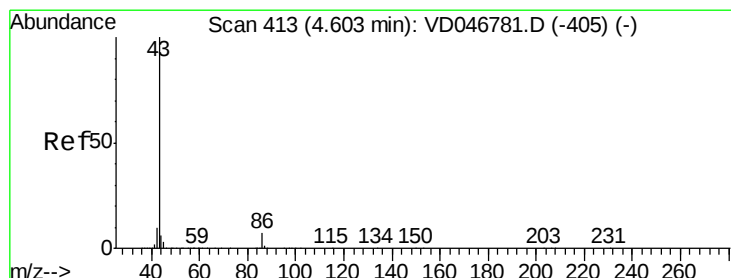
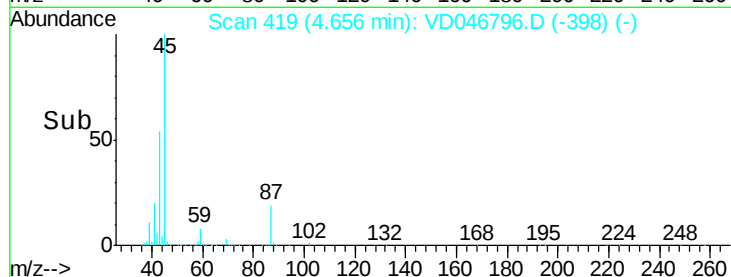
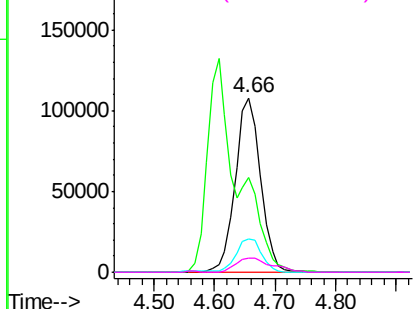
#23
Diisopropyl ether
Concen: 63.86 ug/l
RT: 4.66 min Scan# 419
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	45	Resp:	313129
Ion	Ratio	Lower	Upper
45	100		
43	54.3	35.9	53.9#
87	18.9	13.0	19.6
59	8.3	7.0	10.6

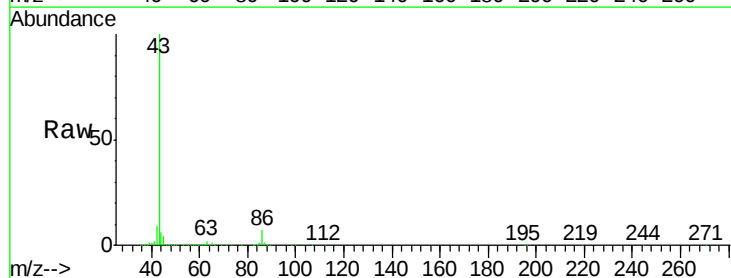


Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC

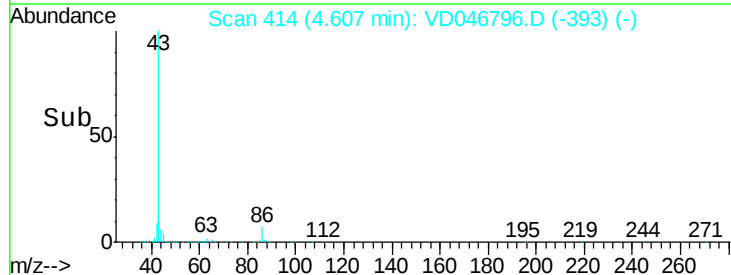
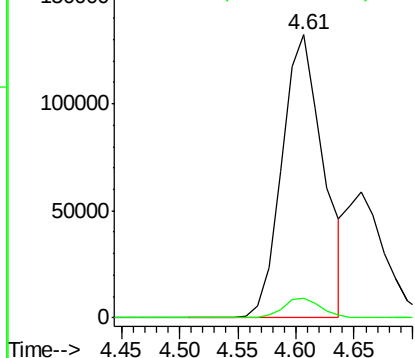


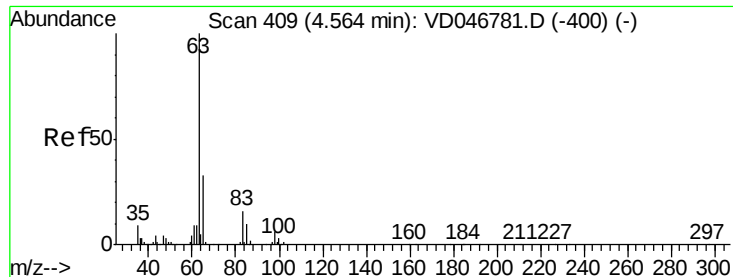
#24
Vinyl Acetate
Concen: 282.12 ug/l
RT: 4.61 min Scan# 414
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion:	43	Resp:	326649
Ion	Ratio	Lower	Upper
43	100		
86	7.1	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: 60.07 ug/l

RT: 4.57 min Scan# 410

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

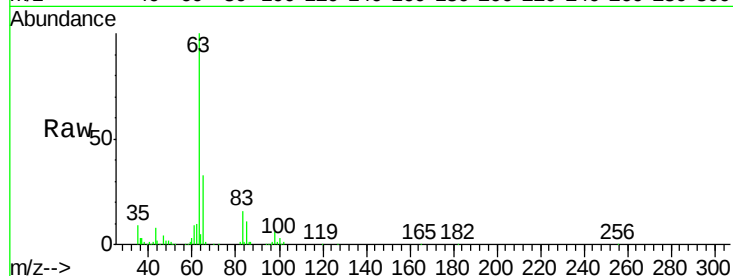
Tgt Ion: 63 Resp: 181455

Ion Ratio Lower Upper

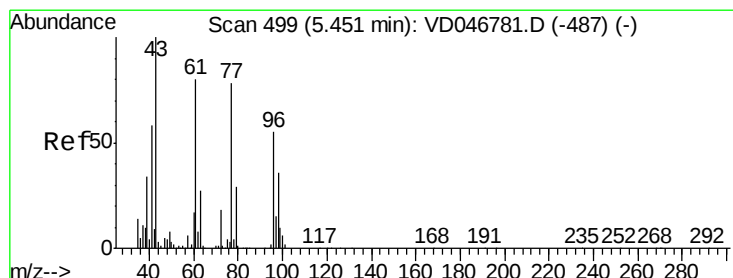
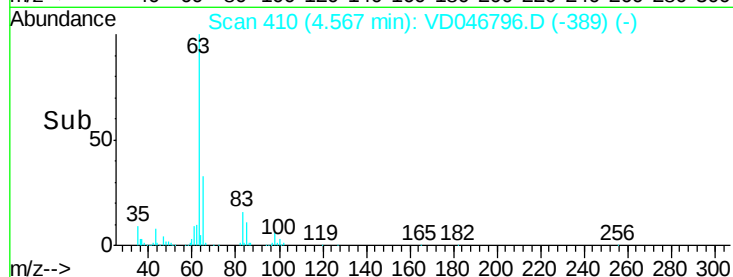
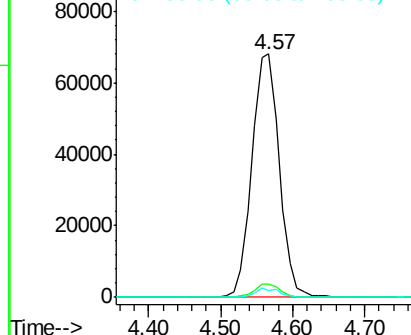
63 100

98 5.6 2.5 7.5

100 3.0 1.5 4.5



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 97.95 (97.65 to 98.65): VDC
Ion 99.95 (99.65 to 100.65): VDC



#26

2-Butanone

Concen: 302.28 ug/l

RT: 5.45 min Scan# 500

Delta R.T. 0.00 min

Lab File: VD046796.D

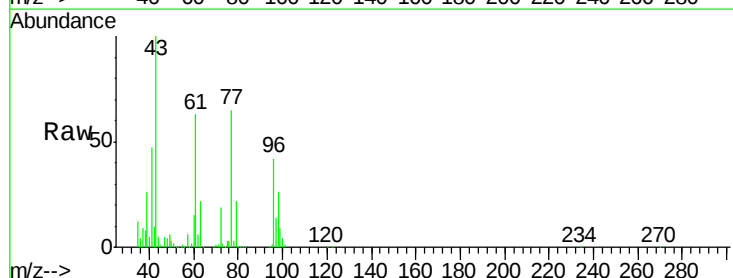
Acq: 18 Sep 2015 22:01

Tgt Ion: 43 Resp: 108379

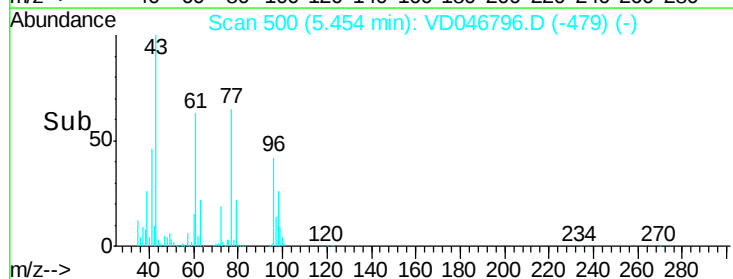
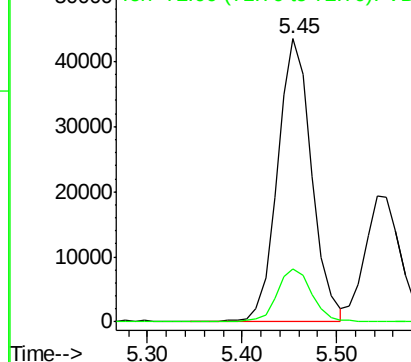
Ion Ratio Lower Upper

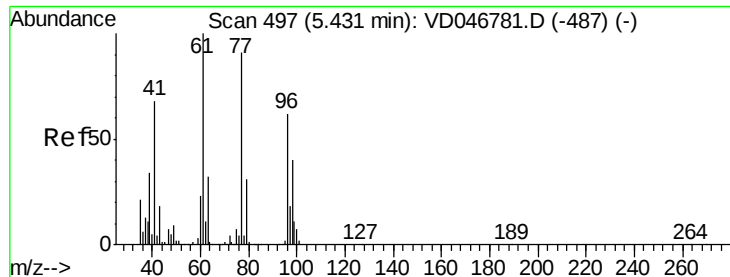
43 100

72 18.7 13.4 20.0



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

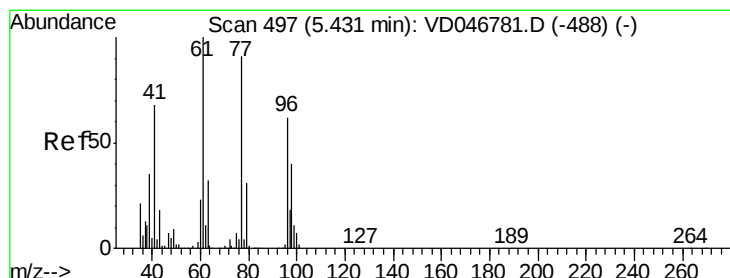
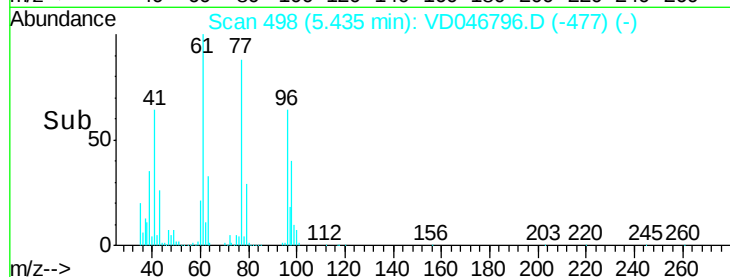
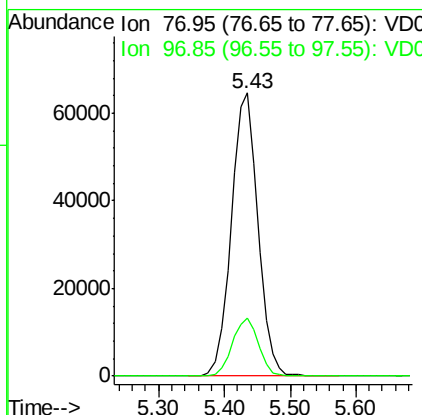
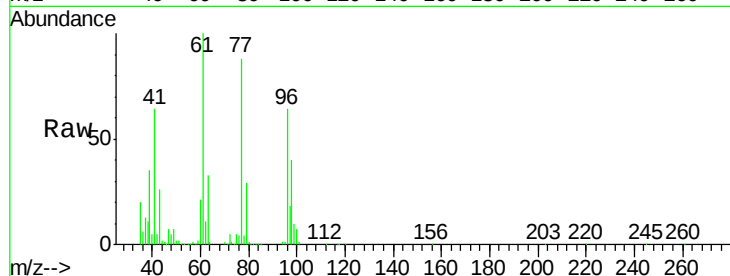




#27
 2,2-Dichloropropane
 Concen: 59.22 ug/l
 RT: 5.43 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

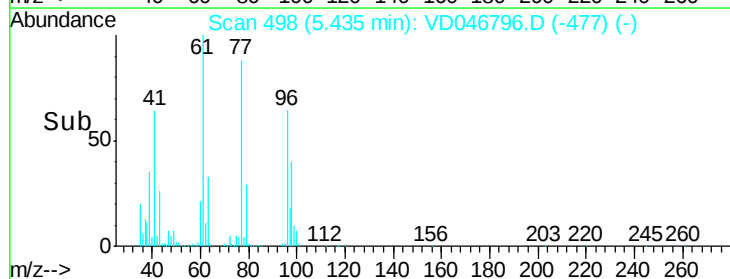
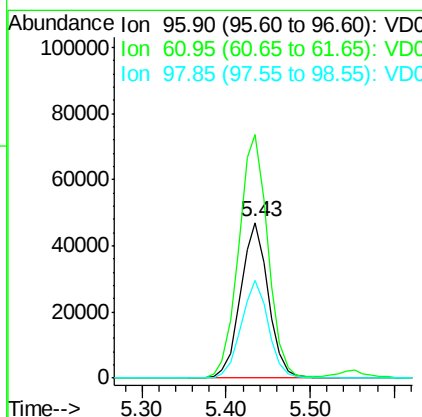
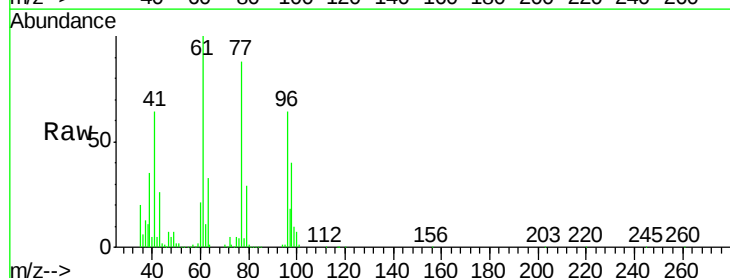
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

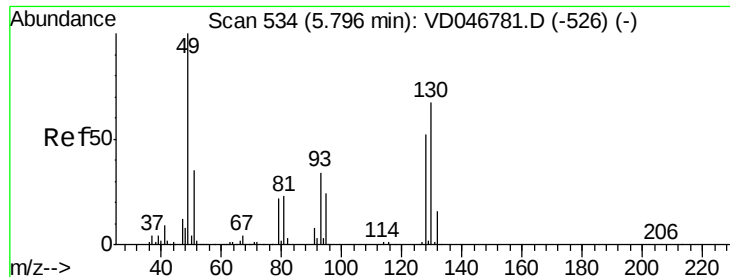
Tgt Ion: 77 Resp: 183804
 Ion Ratio Lower Upper
 77 100
 97 20.4 10.4 31.1



#28
 cis-1,2-Dichloroethene
 Concen: 63.20 ug/l
 RT: 5.43 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion: 96 Resp: 107941
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 348.0
 98 63.1 0.0 128.8





#29

Bromochloromethane

Concen: 54.47 ug/l

RT: 5.79 min Scan# 534

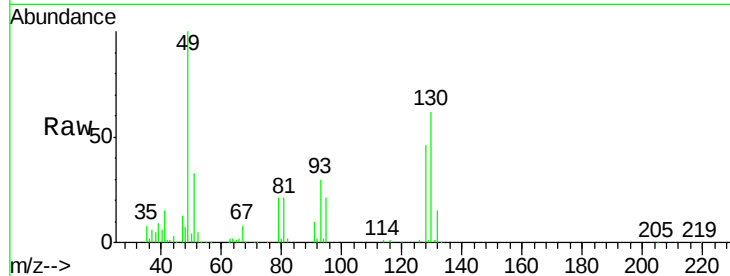
Delta R.T. -0.01 min

Lab File: VD046796.D

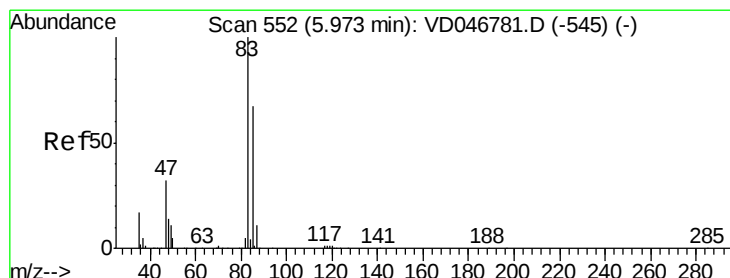
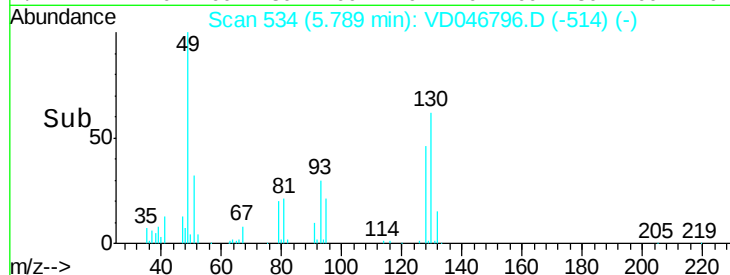
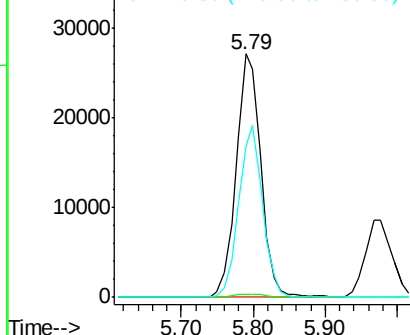
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 49 Resp: 64831
Ion Ratio Lower Upper
49 100
129 1.2 0.0 2.8
130 62.2 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: 61.73 ug/l

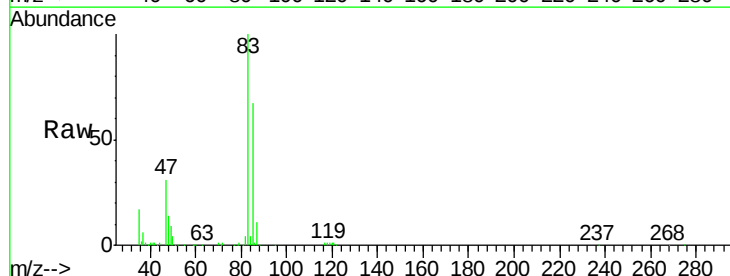
RT: 5.98 min Scan# 553

Delta R.T. 0.00 min

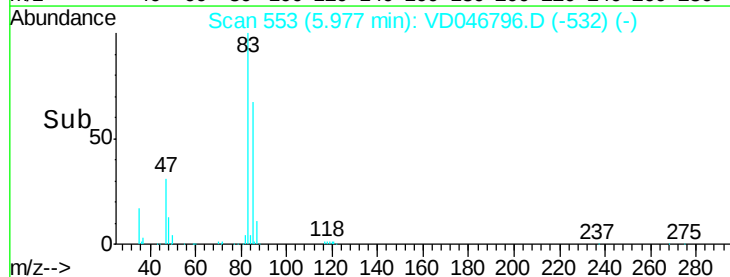
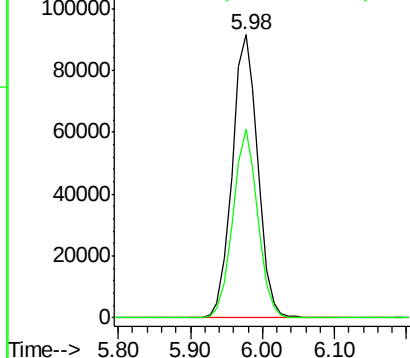
Lab File: VD046796.D

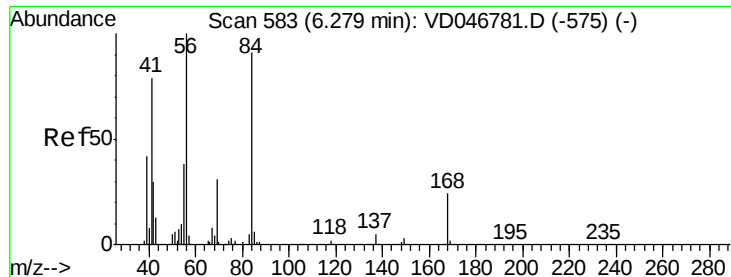
Acq: 18 Sep 2015 22:01

Tgt Ion: 83 Resp: 226189
Ion Ratio Lower Upper
83 100
85 66.9 52.5 78.7



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

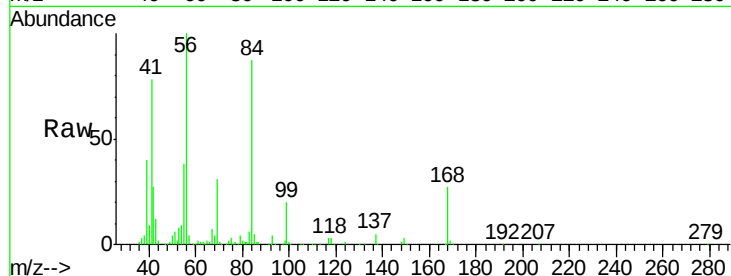




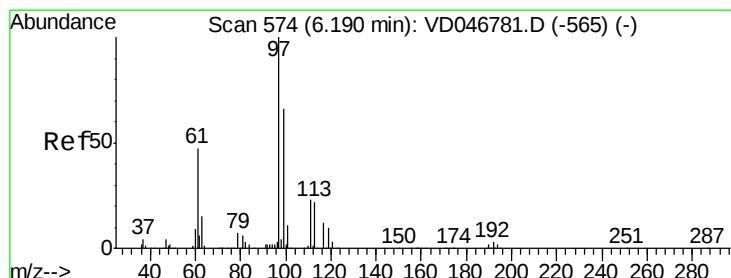
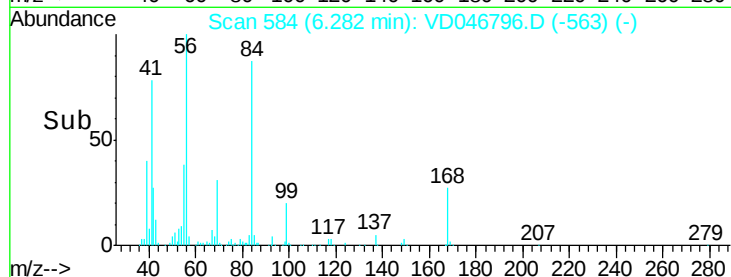
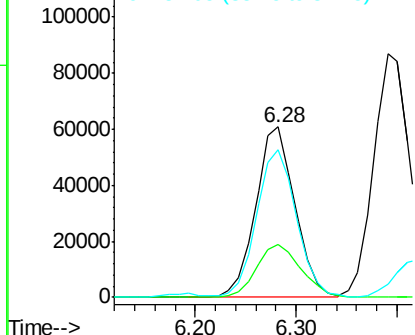
#31
Cyclohexane
Concen: 58.01 ug/l
RT: 6.28 min Scan# 584
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 164402
Ion Ratio Lower Upper
56 100
69 31.0 23.4 35.0
84 86.6 63.8 95.8

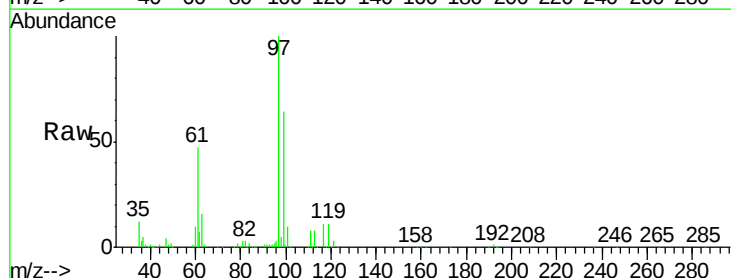


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

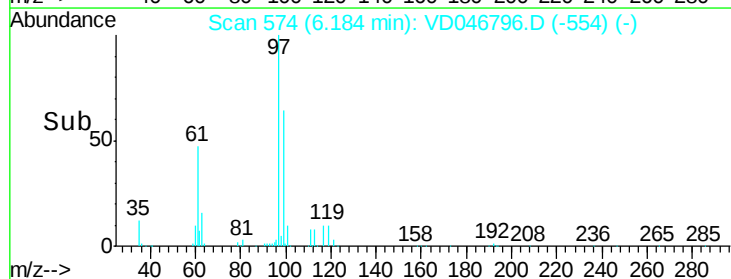
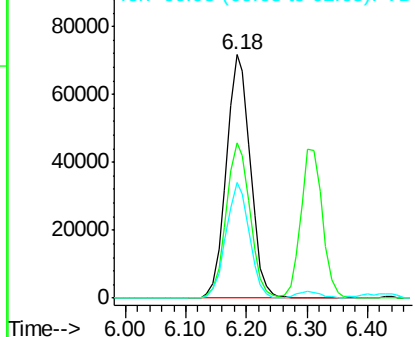


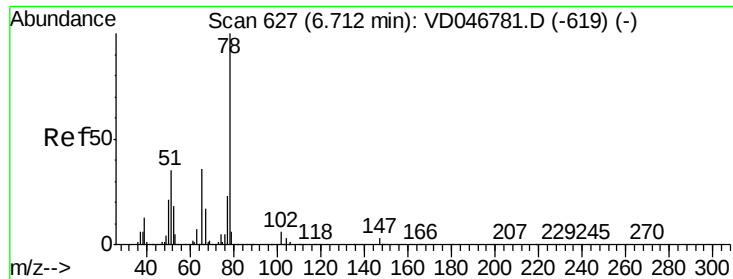
#32
1,1,1-Trichloroethane
Concen: 60.31 ug/l
RT: 6.18 min Scan# 574
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 97 Resp: 196739
Ion Ratio Lower Upper
97 100
99 63.6 50.2 75.4
61 47.3 38.6 57.8



Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC

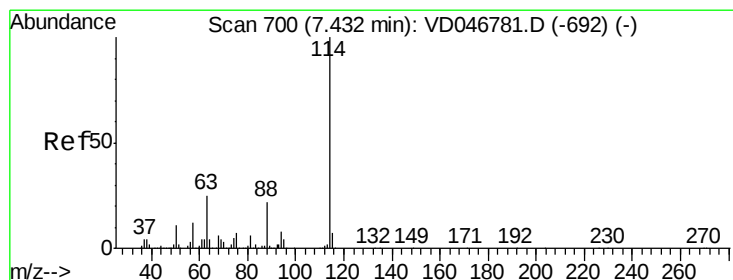
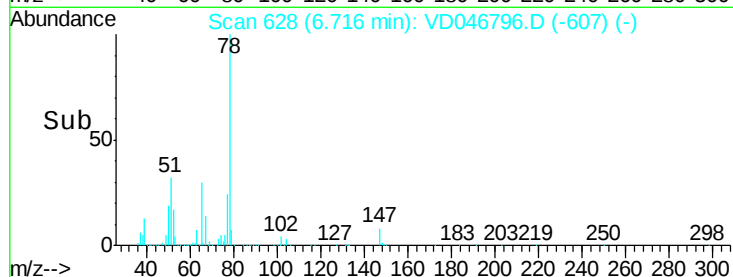
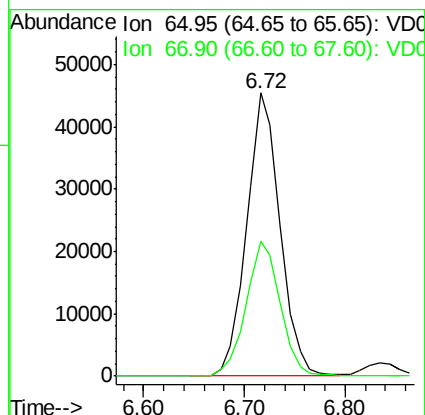
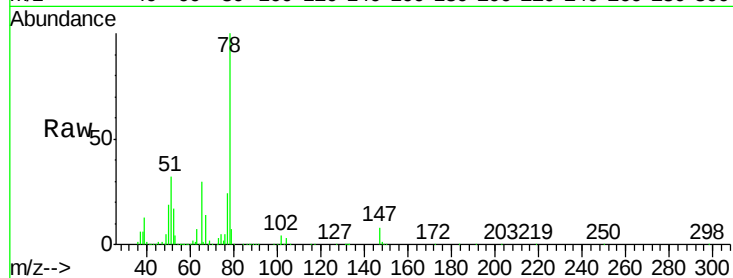




#33
 1,2-Dichloroethane-d4
 Concen: 60.31 ug/l
 RT: 6.72 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

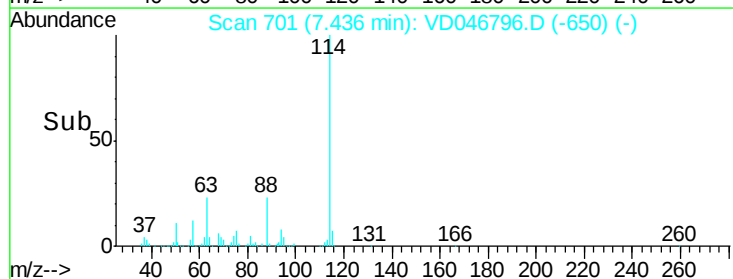
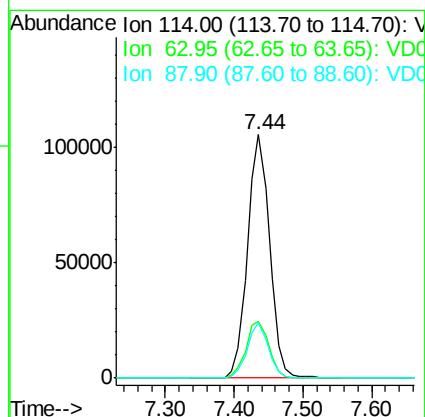
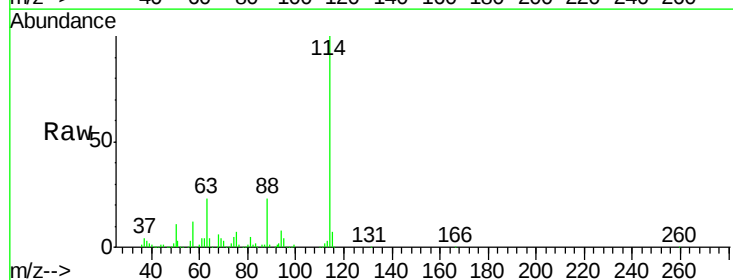
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

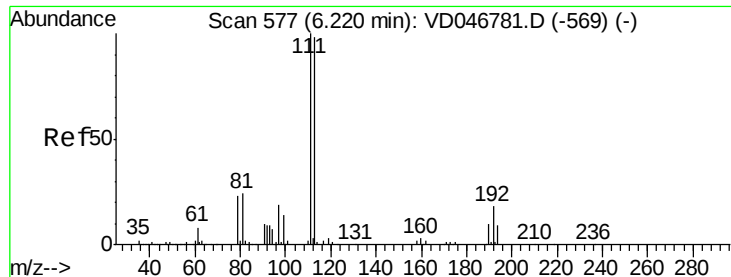
Tgt Ion: 65 Resp: 104569
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 701
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion: 114 Resp: 234832
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 49.8
 88 22.6 0.0 43.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.21 min Scan# 577

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

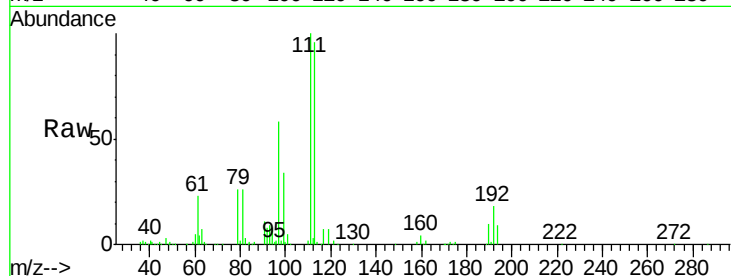
Tgt Ion:113 Resp: 100345

Ion Ratio Lower Upper

113 100

111 104.1 79.4 119.0

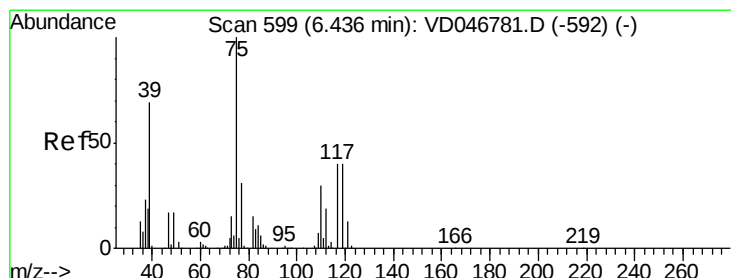
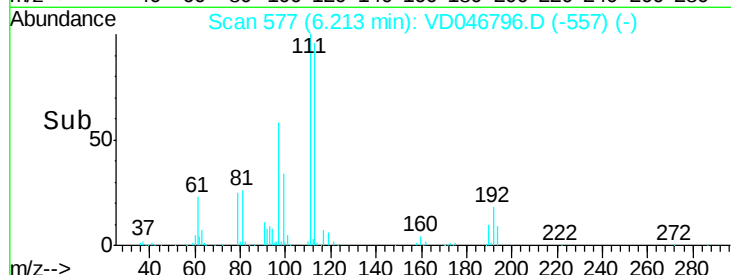
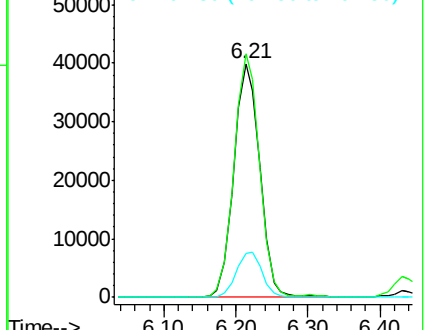
192 18.8 14.6 22.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 59.71 ug/l

RT: 6.44 min Scan# 600

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

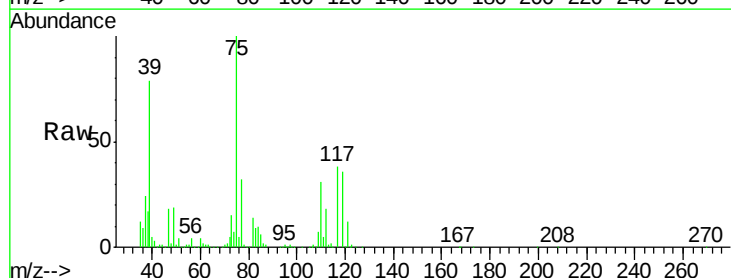
Tgt Ion: 75 Resp: 163861

Ion Ratio Lower Upper

75 100

110 30.7 13.7 41.0

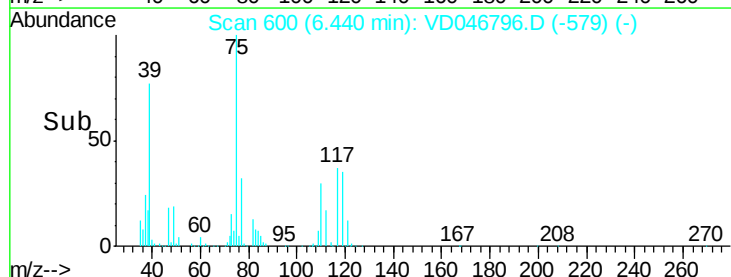
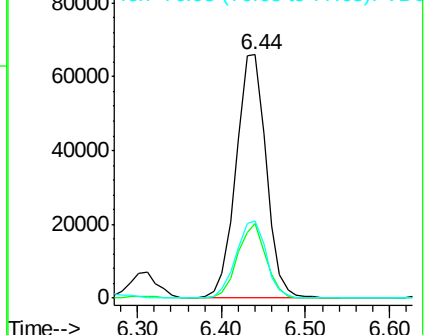
77 31.7 24.7 37.1

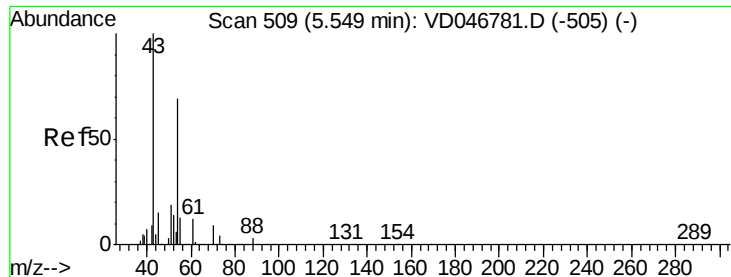


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

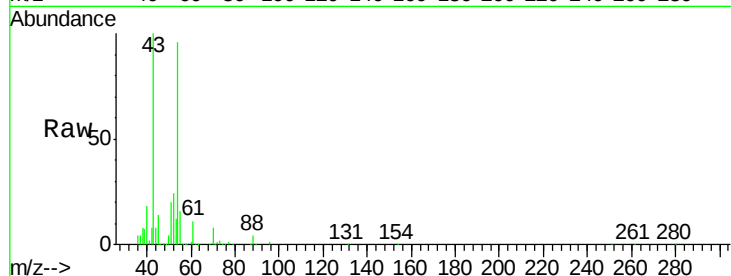




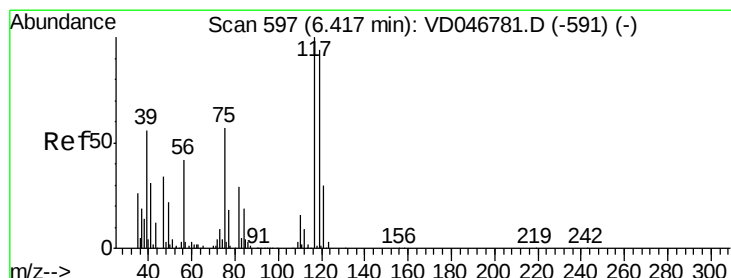
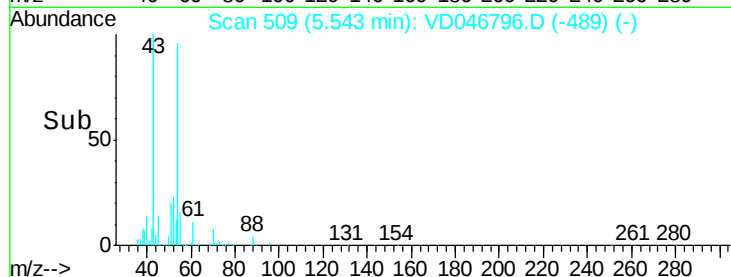
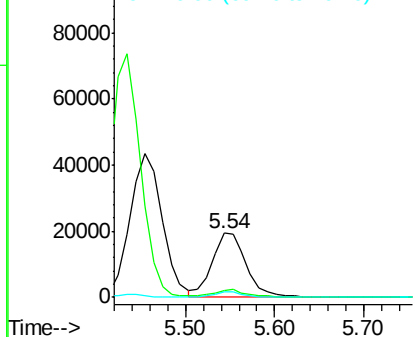
#37
Ethyl Acetate
Concen: 58.64 ug/l
RT: 5.54 min Scan# 509
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 51695
Ion Ratio Lower Upper
43 100
61 10.8 9.4 14.2
70 7.9 6.0 9.0

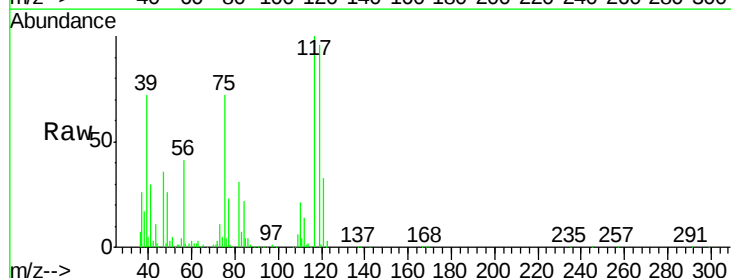


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

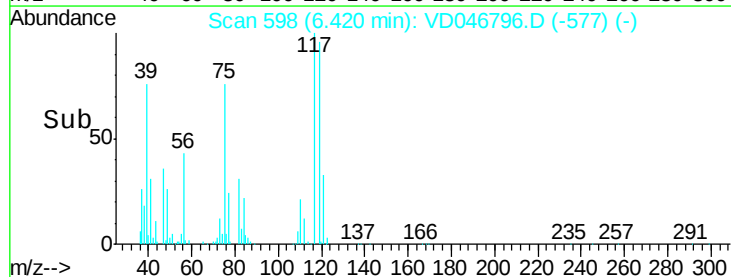
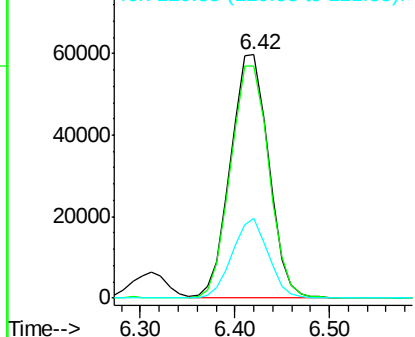


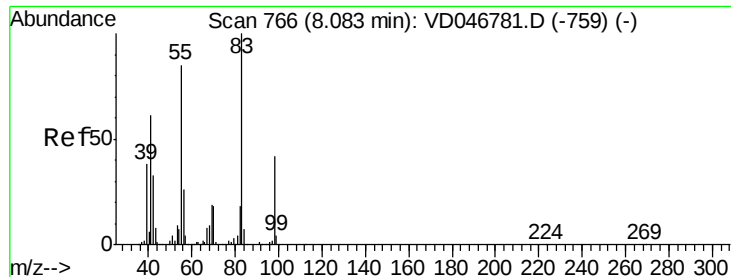
#38
Carbon Tetrachloride
Concen: 58.46 ug/l
RT: 6.42 min Scan# 598
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 117 Resp: 166716
Ion Ratio Lower Upper
117 100
119 95.5 76.2 114.4
121 32.6 24.5 36.7



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

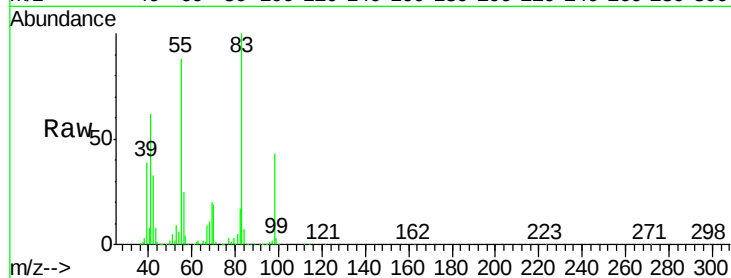




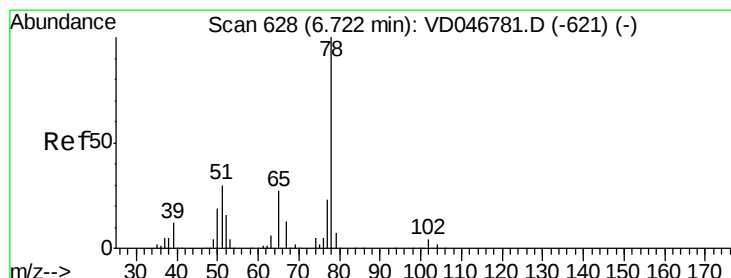
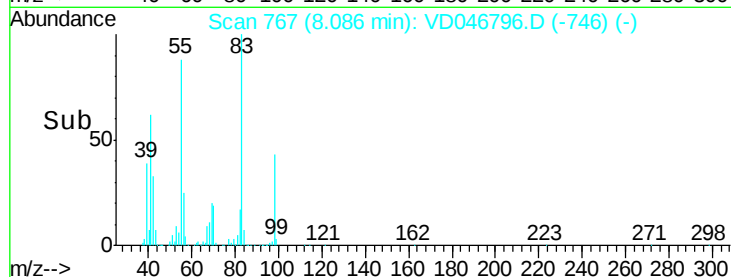
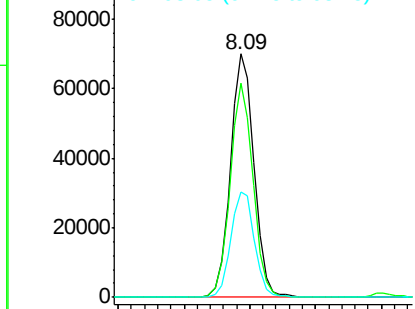
#39
Methylcyclohexane
Concen: 63.21 ug/l
RT: 8.09 min Scan# 767
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 175787
Ion Ratio Lower Upper
83 100
55 88.1 71.1 106.7
98 43.1 34.6 51.8

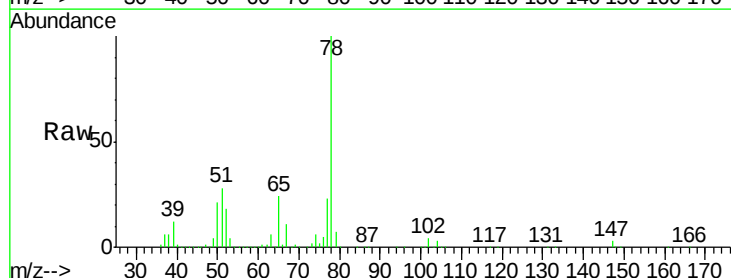


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

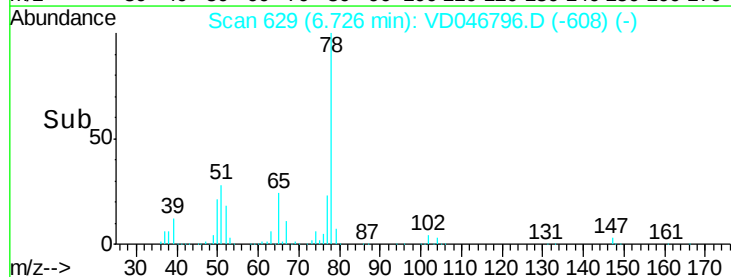
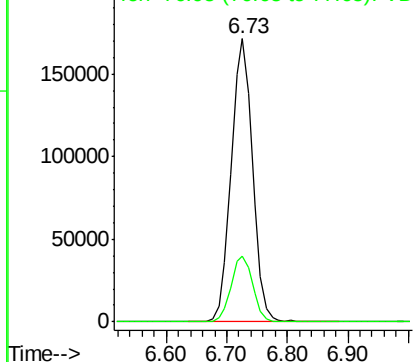


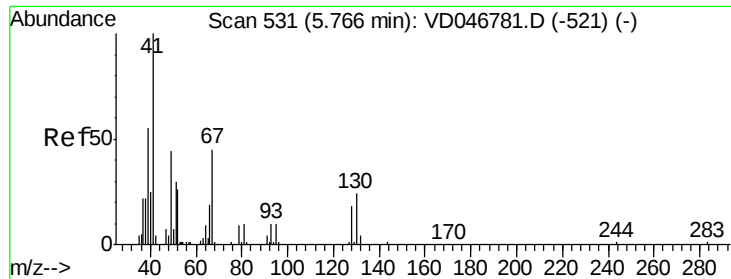
#40
Benzene
Concen: 59.89 ug/l
RT: 6.73 min Scan# 629
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 78 Resp: 419576
Ion Ratio Lower Upper
78 100
77 23.1 19.9 29.9



Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC

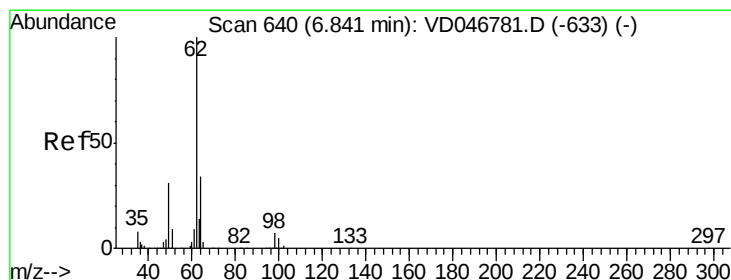
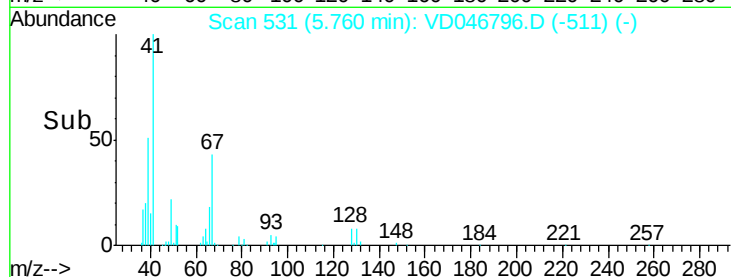
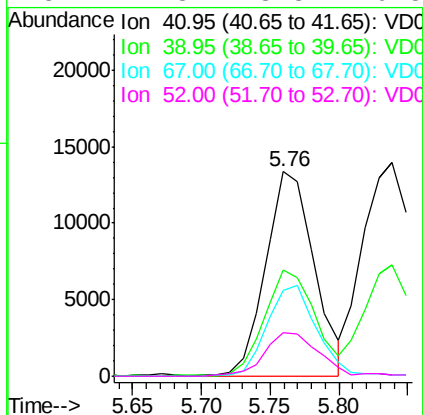
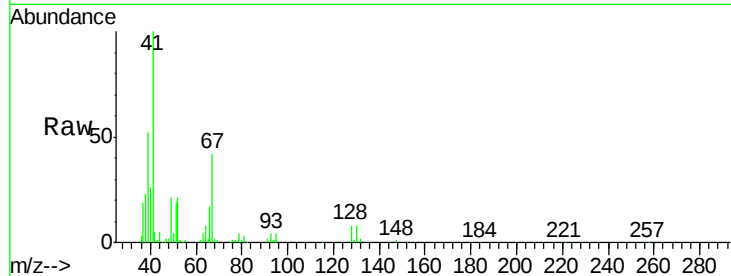




#41
Methacrylonitrile
Concen: 66.16 ug/l
RT: 5.76 min Scan# 531
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

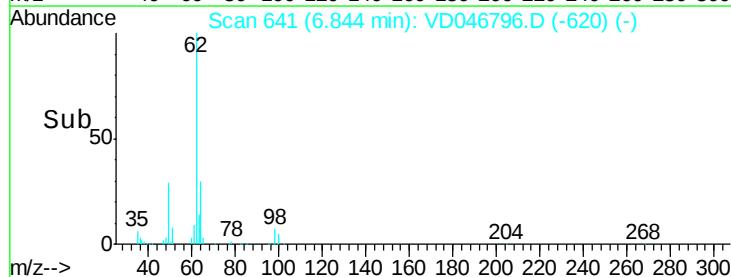
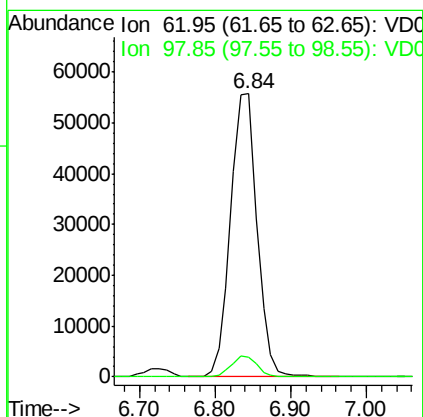
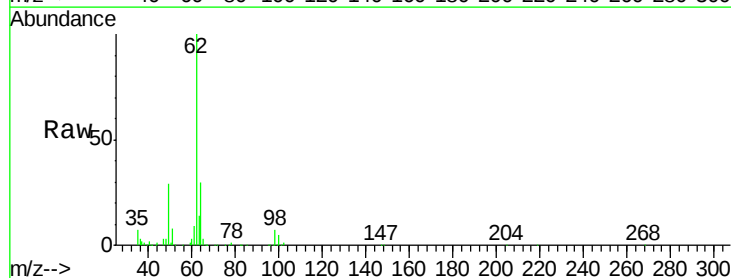
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

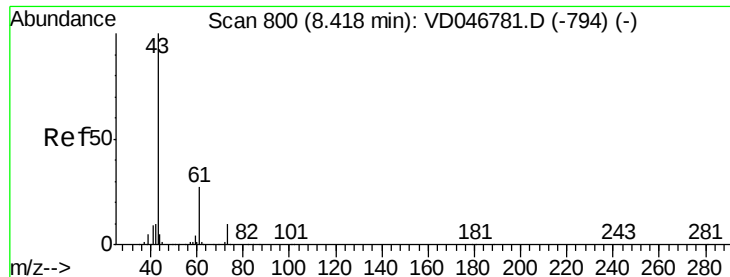
Tgt Ion:	41	Resp:	32711
Ion	Ratio	Lower	Upper
41	100		
39	52.0	40.2	60.4
67	42.2	32.0	48.0
52	21.3	13.8	20.8#



#42
1,2-Dichloroethane
Concen: 61.73 ug/l
RT: 6.84 min Scan# 641
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion:	62	Resp:	134336
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 63.23 ug/l

RT: 8.42 min Scan# 801

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

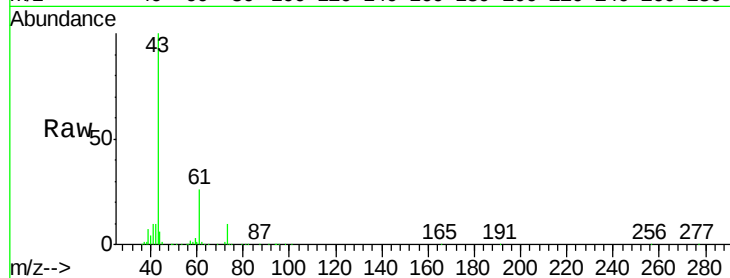
Tgt Ion: 43 Resp: 73477

Ion Ratio Lower Upper

43 100

61 26.0 19.5 29.3

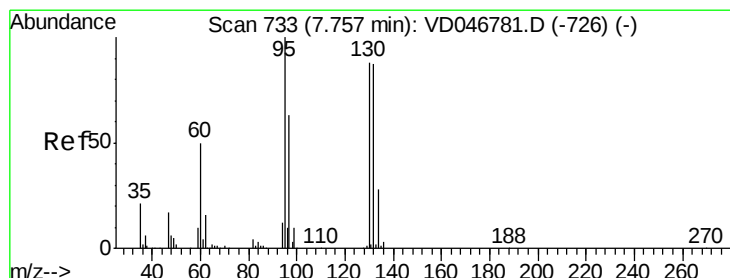
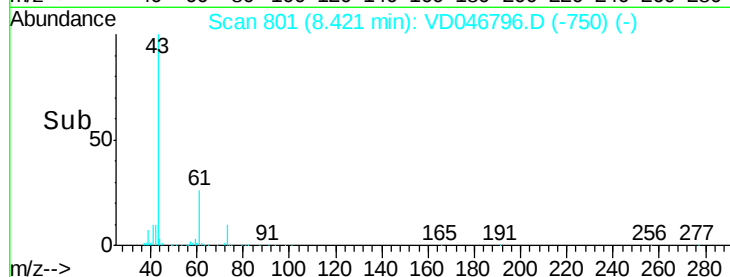
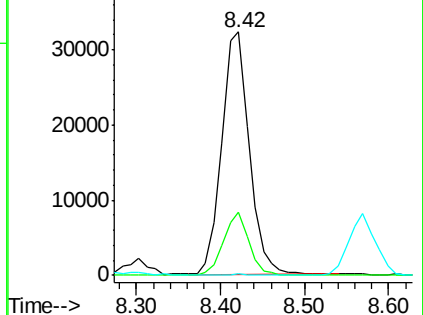
87 0.4 0.2 0.2#



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: 60.37 ug/l

RT: 7.75 min Scan# 733

Delta R.T. -0.01 min

Lab File: VD046796.D

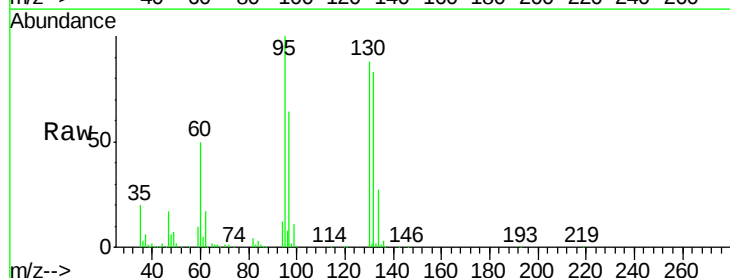
Acq: 18 Sep 2015 22:01

Tgt Ion: 130 Resp: 105876

Ion Ratio Lower Upper

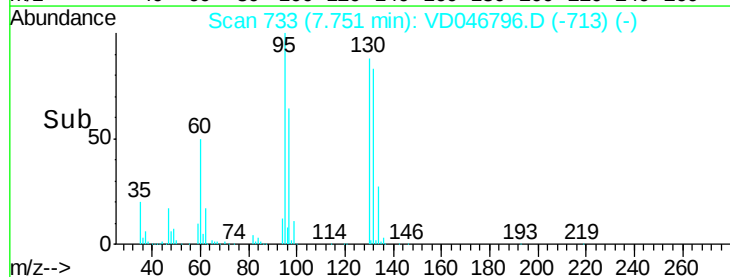
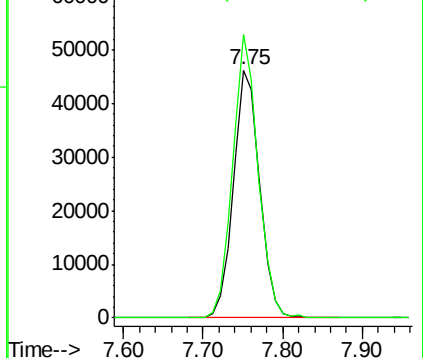
130 100

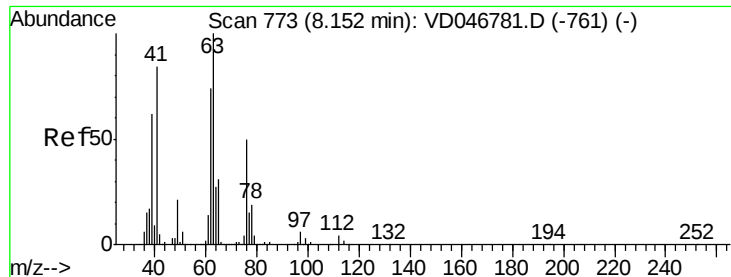
95 114.1 0.0 229.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 60.29 ug/l

RT: 8.16 min Scan# 774

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

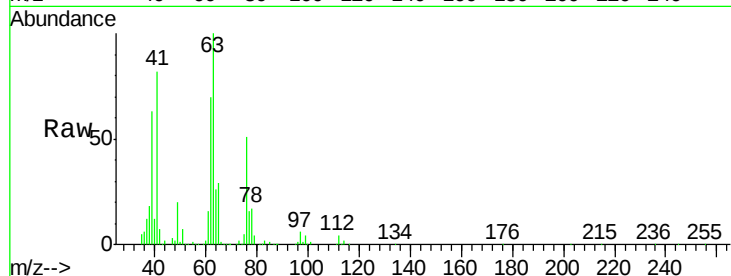
VSTDCCC050EC

Tgt Ion: 63 Resp: 104639

Ion Ratio Lower Upper

63 100

65 28.5 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

40000

30000

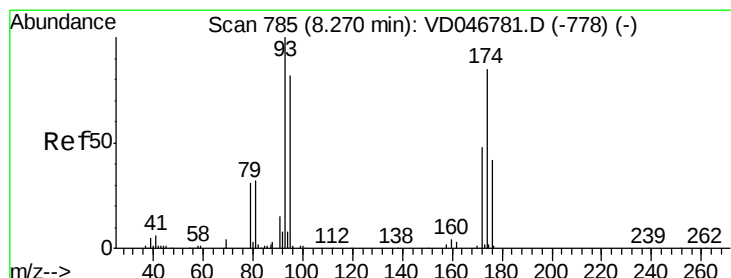
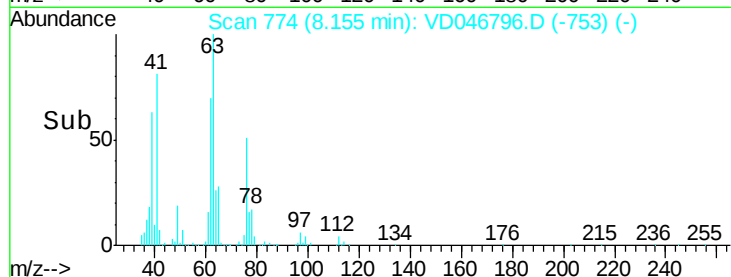
20000

10000

0

8.00 8.10 8.20 8.30

Time-->



#46

Dibromomethane

Concen: 60.71 ug/l

RT: 8.27 min Scan# 786

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

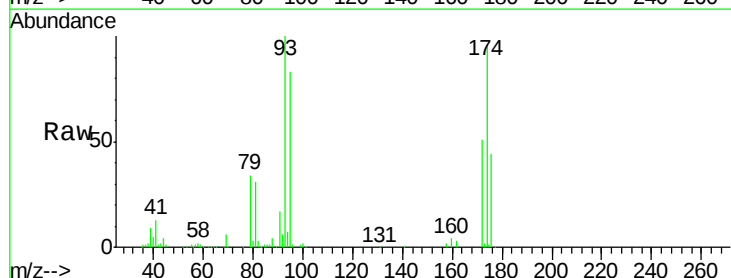
Tgt Ion: 93 Resp: 59833

Ion Ratio Lower Upper

93 100

95 82.5 70.2 105.2

174 96.4 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

30000

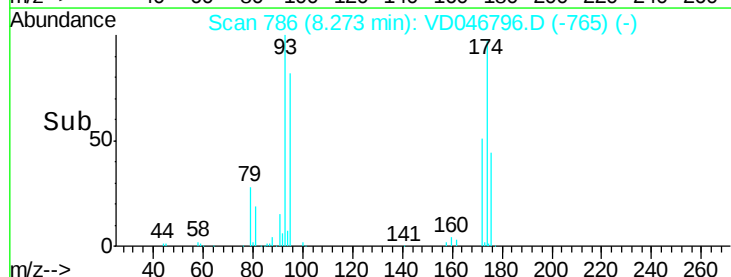
20000

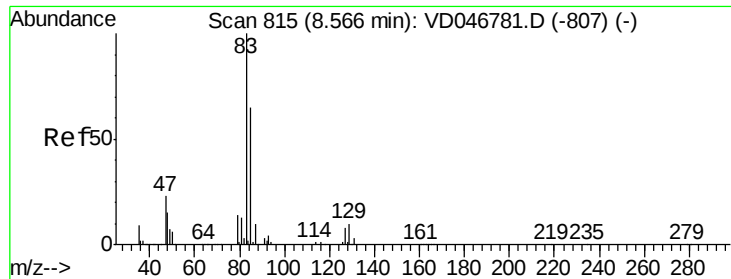
10000

0

8.10 8.20 8.30 8.40

Time-->





#47

Bromodichloromethane

Concen: 61.88 ug/l

RT: 8.57 min Scan# 816

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

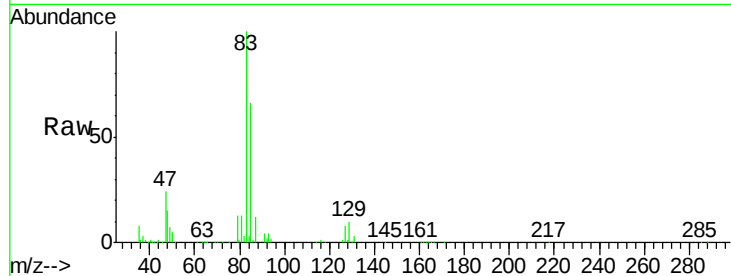
Tgt Ion: 83 Resp: 160064

Ion Ratio Lower Upper

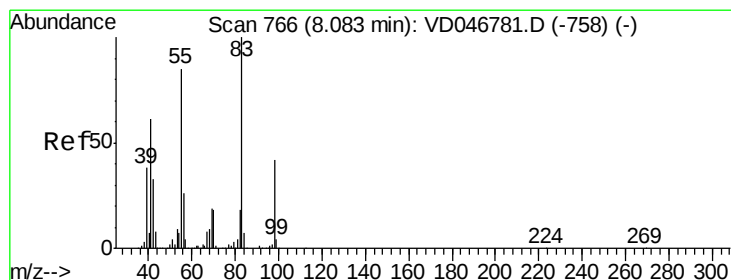
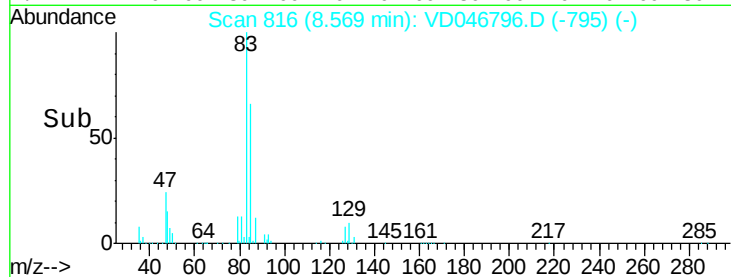
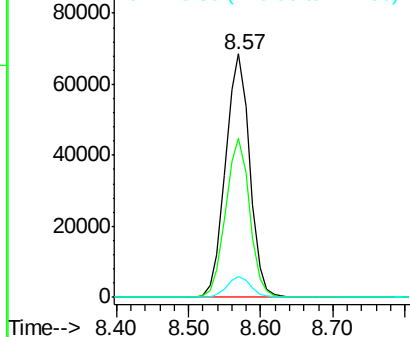
83 100

85 65.5 52.6 78.8

127 8.4 5.7 8.5



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 65.35 ug/l

RT: 8.09 min Scan# 767

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

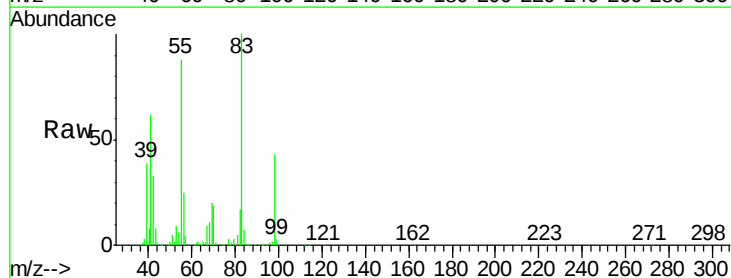
Tgt Ion: 41 Resp: 116111

Ion Ratio Lower Upper

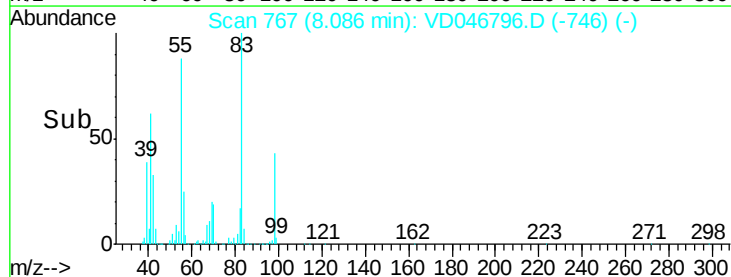
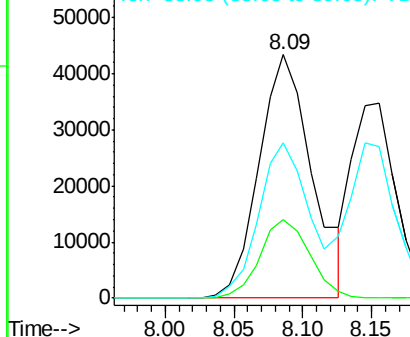
41 100

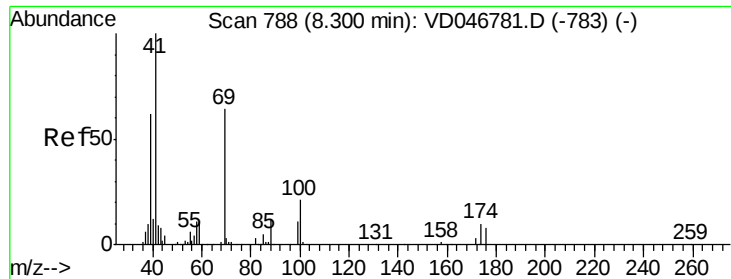
69 32.3 25.3 37.9

39 63.6 47.4 71.0



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC

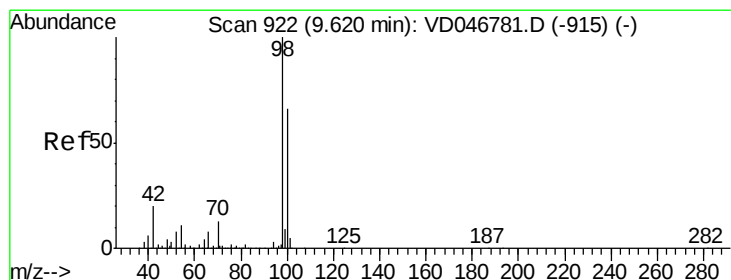
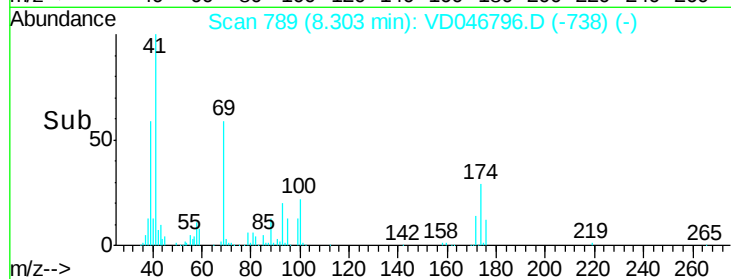
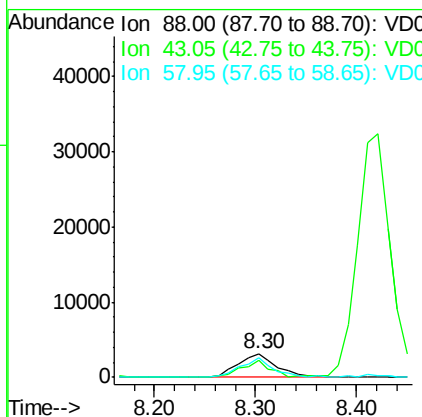
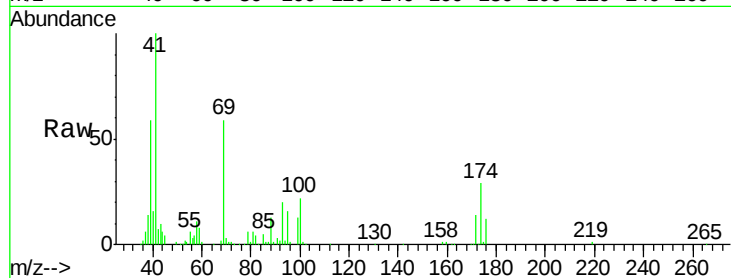




#49
1,4-Dioxane
Concen: 1299.88 ug/l
RT: 8.30 min Scan# 789
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

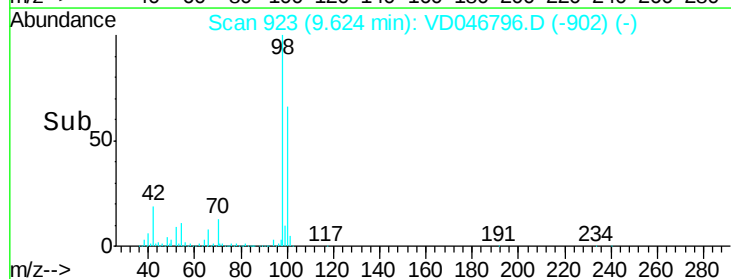
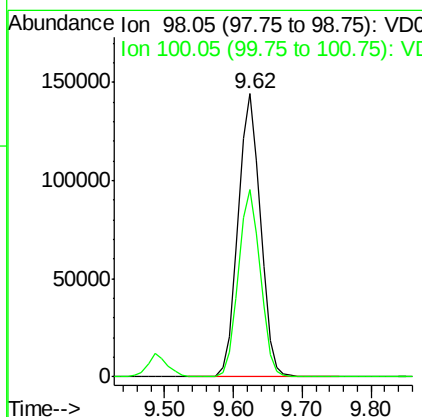
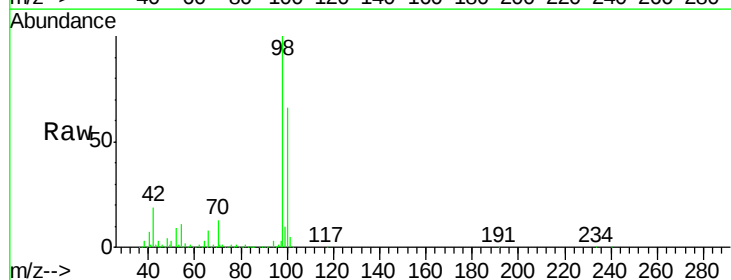
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

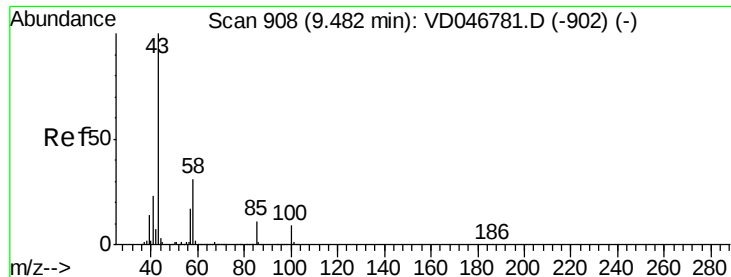
Tgt Ion: 88 Resp: 8543
Ion Ratio Lower Upper
88 100
43 71.1 50.0 75.0
58 81.8 48.3 72.5#



#50
Toluene-d8
Concen: 1299.88 ug/l
RT: 9.62 min Scan# 923
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 98 Resp: 326035
Ion Ratio Lower Upper
98 100
100 66.0 49.9 74.9

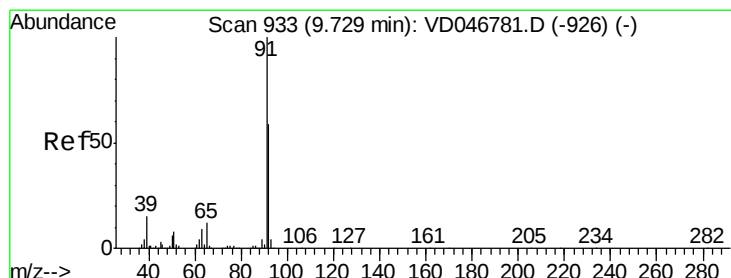
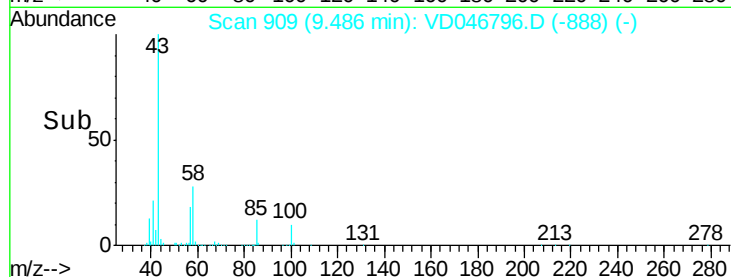
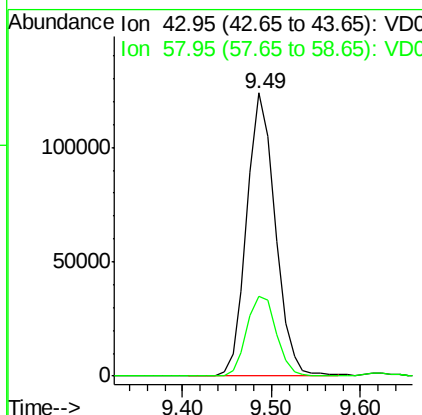
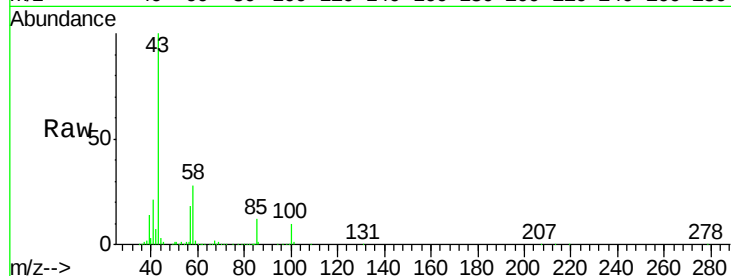




#51
 4-Methyl-2-Pentanone
 Concen: 327.37 ug/l
 RT: 9.49 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

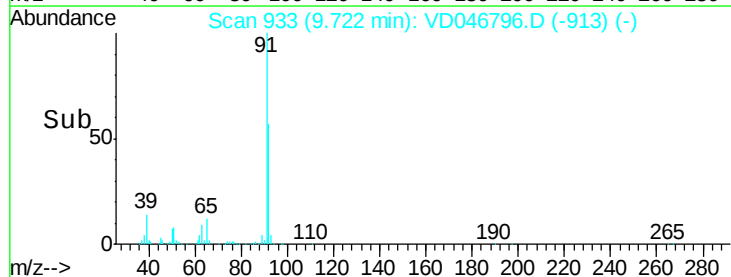
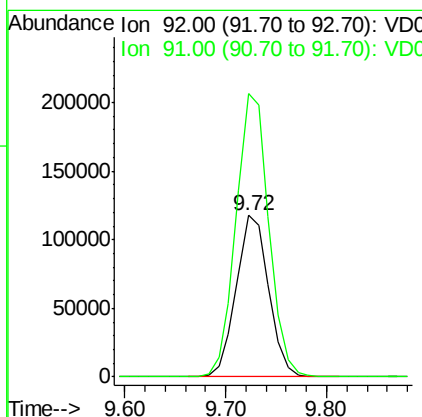
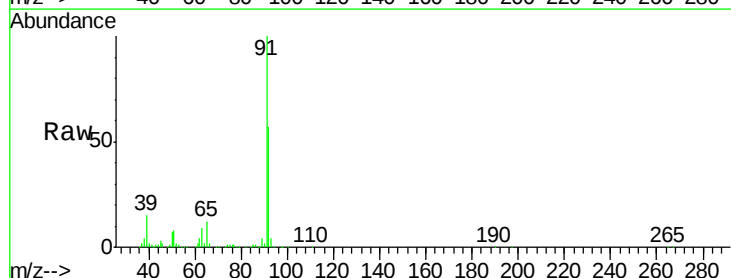
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

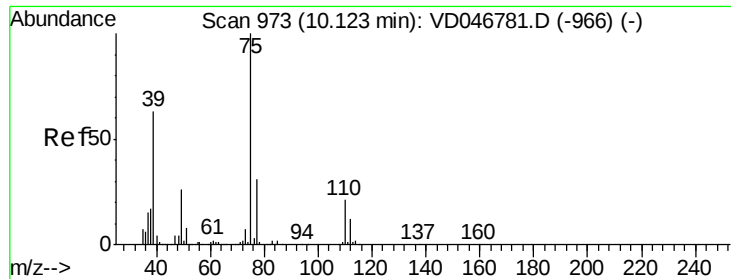
Tgt Ion: 43 Resp: 274878
 Ion Ratio Lower Upper
 43 100
 58 28.3 22.2 33.2



#52
 Toluene
 Concen: 61.22 ug/l
 RT: 9.72 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion: 92 Resp: 264573
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 64.90 ug/l

RT: 10.13 min Scan# 974

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

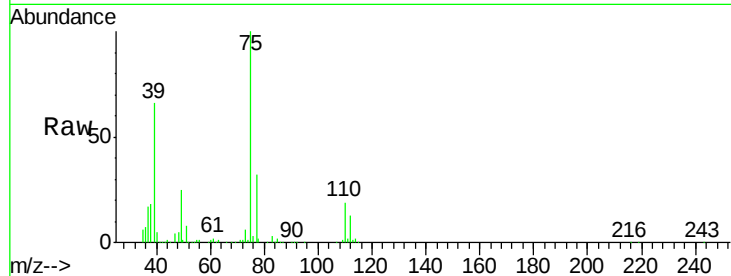
VSTDCCC050EC

Tgt Ion: 75 Resp: 123946

Ion Ratio Lower Upper

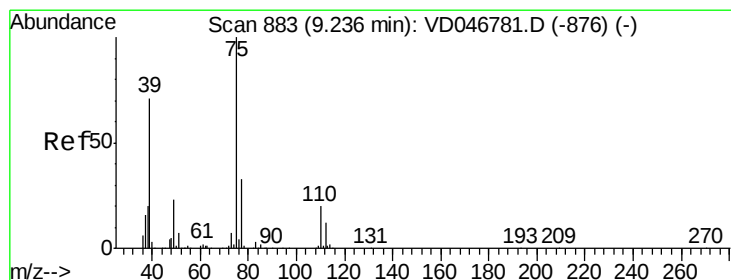
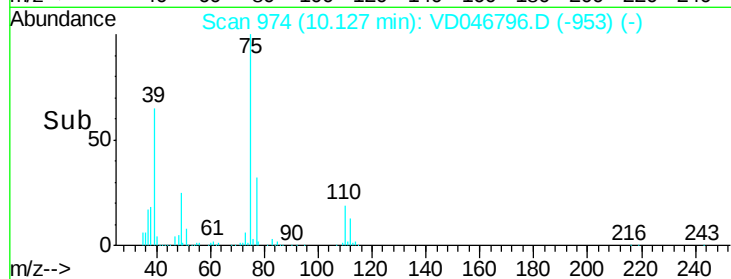
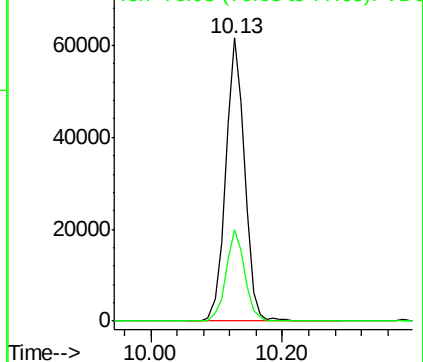
75 100

77 32.3 27.6 41.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 64.68 ug/l

RT: 9.24 min Scan# 884

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

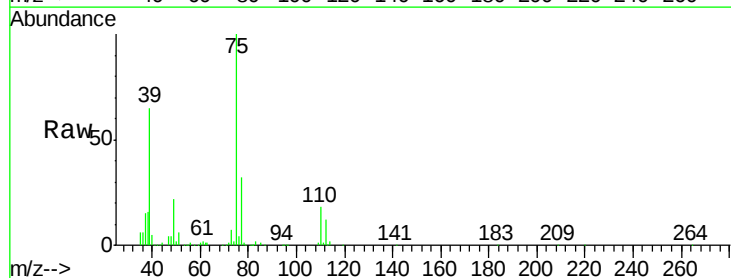
Tgt Ion: 75 Resp: 159065

Ion Ratio Lower Upper

75 100

77 31.5 23.8 35.6

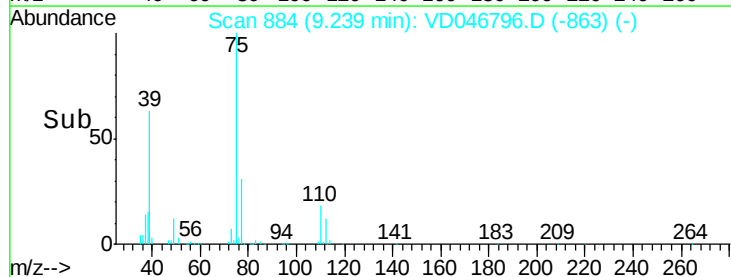
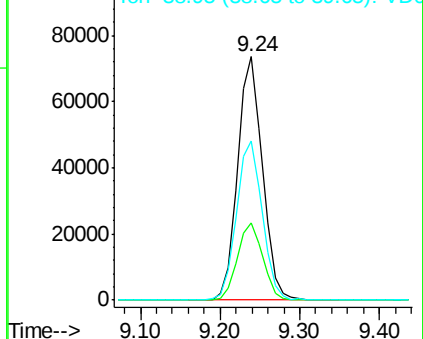
39 65.3 53.0 79.6

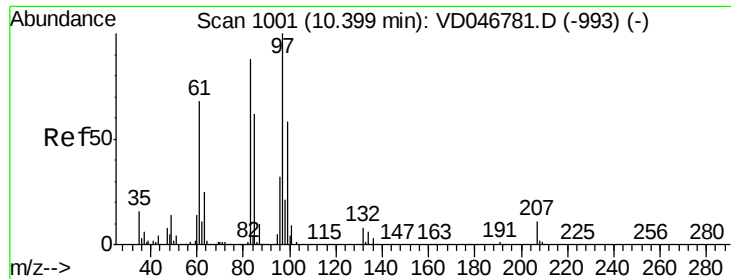


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

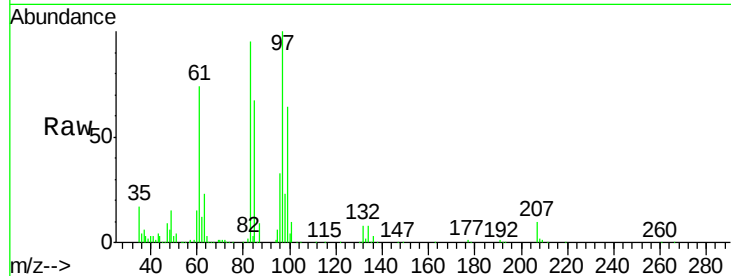




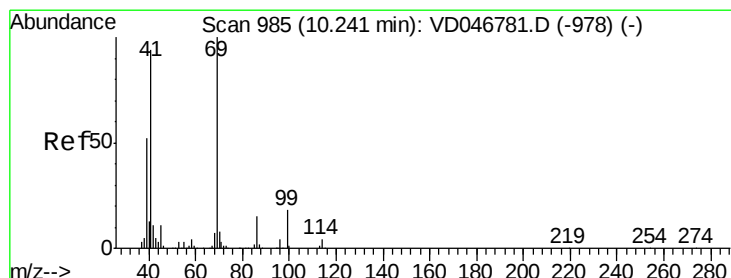
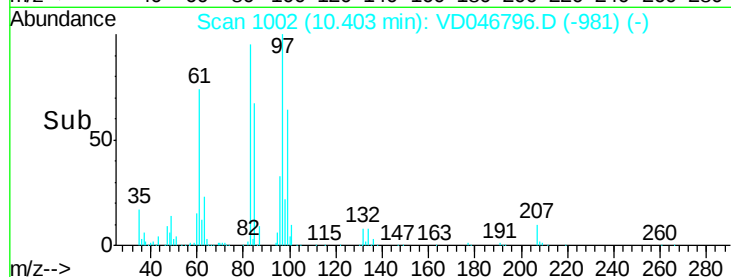
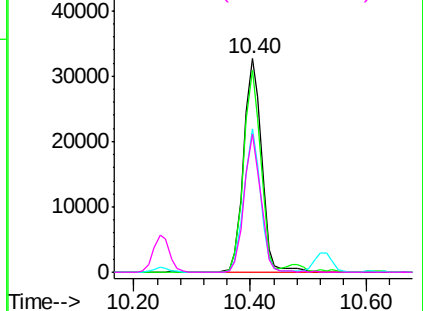
#55
 1,1,2-Trichloroethane
 Concen: 62.96 ug/l
 RT: 10.40 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 97 Resp: 70445
 Ion Ratio Lower Upper
 97 100
 83 94.9 75.3 112.9
 85 66.9 50.9 76.3
 99 64.4 46.9 70.3

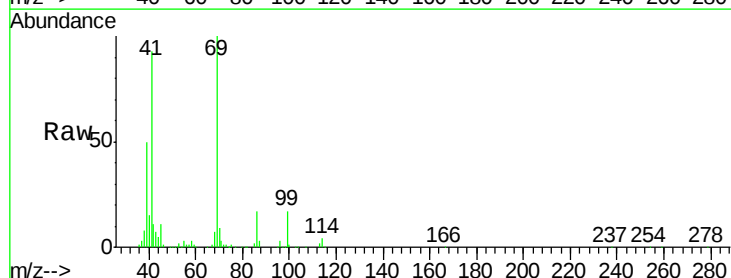


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

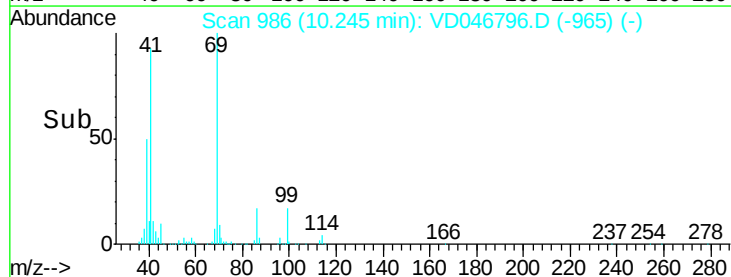
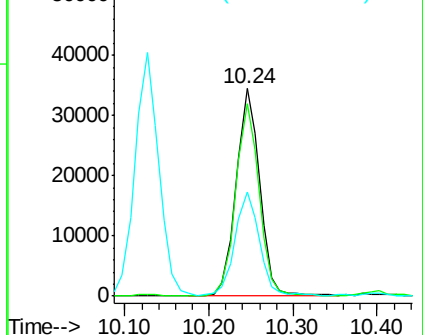


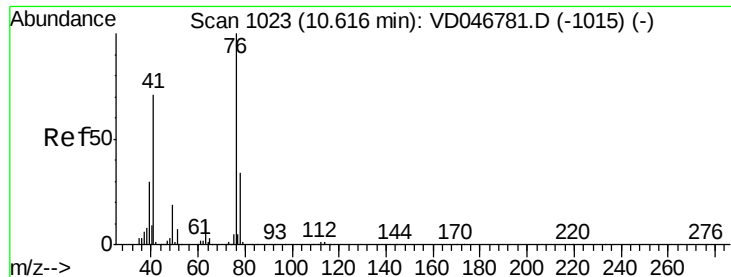
#56
 Ethyl methacrylate
 Concen: 57.46 ug/l
 RT: 10.24 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion: 69 Resp: 67427
 Ion Ratio Lower Upper
 69 100
 41 93.0 75.4 113.0
 39 50.3 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: 62.67 ug/l

RT: 10.61 min Scan# 1023

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

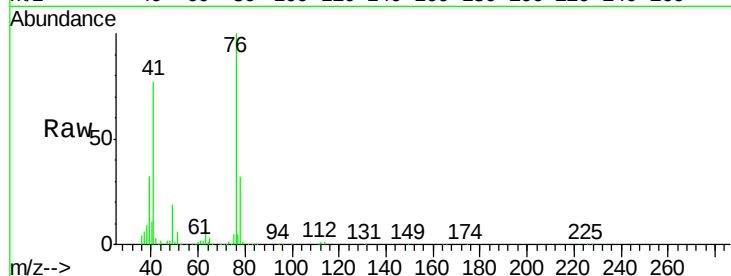
VSTDCCC050EC

Tgt Ion: 76 Resp: 130403

Ion Ratio Lower Upper

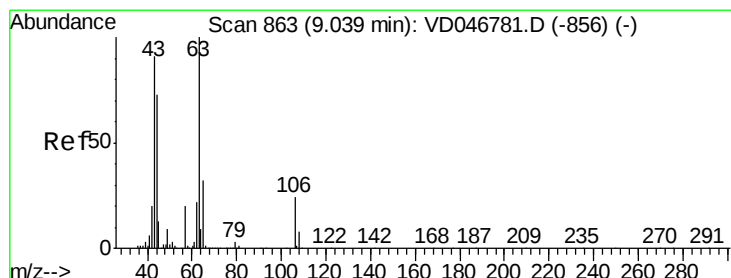
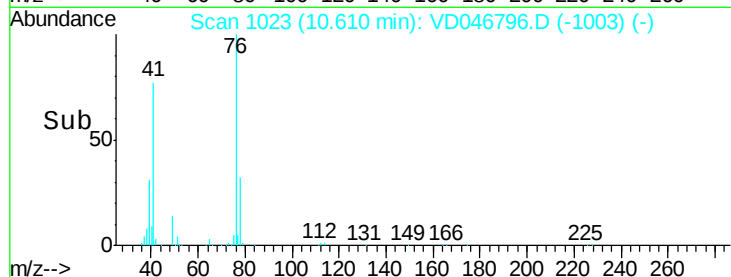
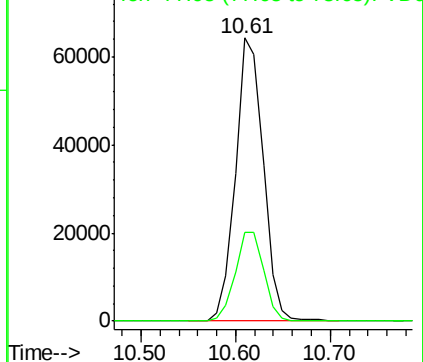
76 100

78 31.5 26.6 39.8



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 279.05 ug/l

RT: 9.04 min Scan# 864

Delta R.T. 0.00 min

Lab File: VD046796.D

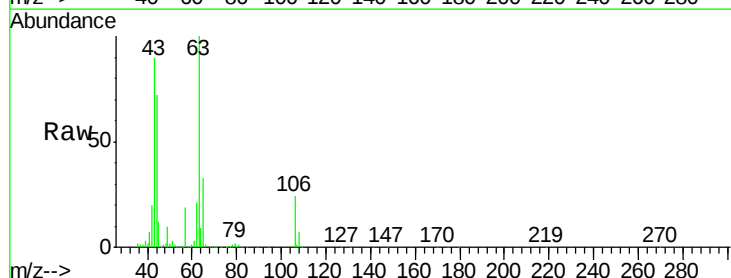
Acq: 18 Sep 2015 22:01

Tgt Ion: 63 Resp: 154372

Ion Ratio Lower Upper

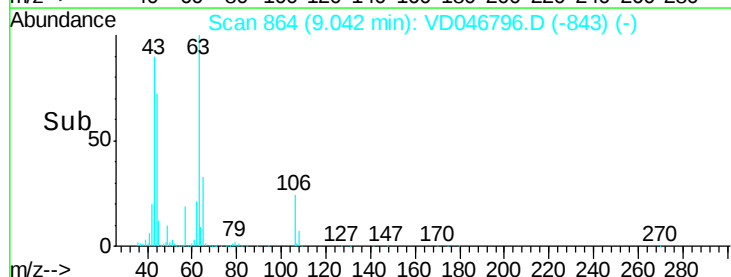
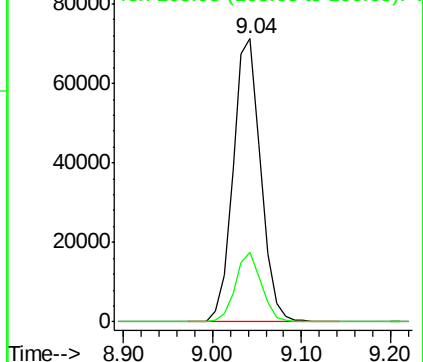
63 100

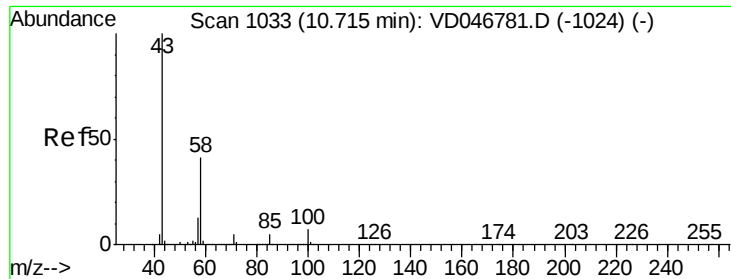
106 24.4 17.8 26.8



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

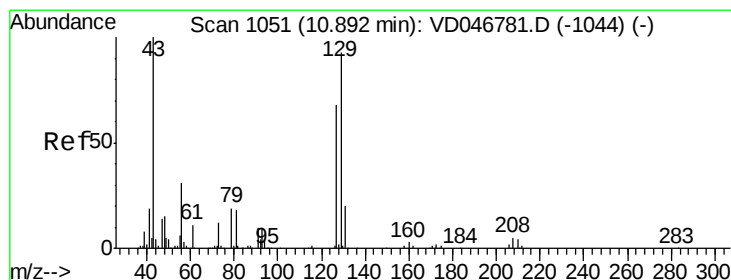
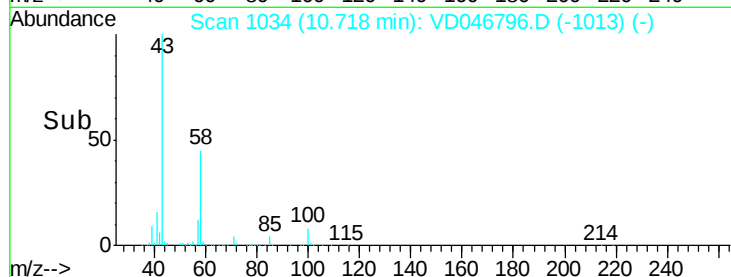
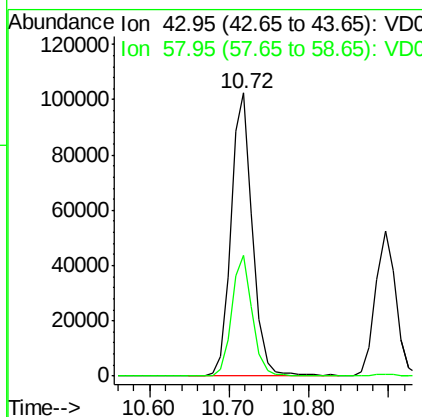
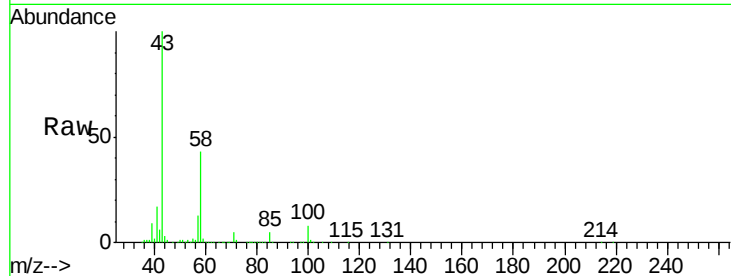




#59
2-Hexanone
Concen: 319.06 ug/l
RT: 10.72 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

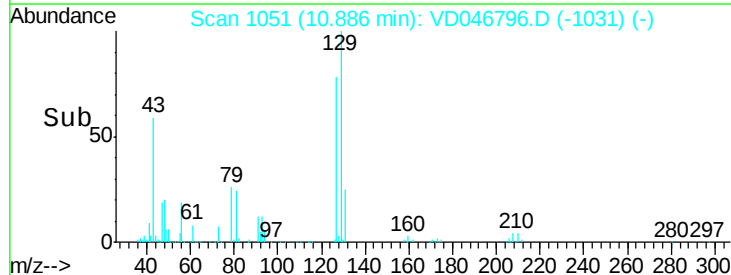
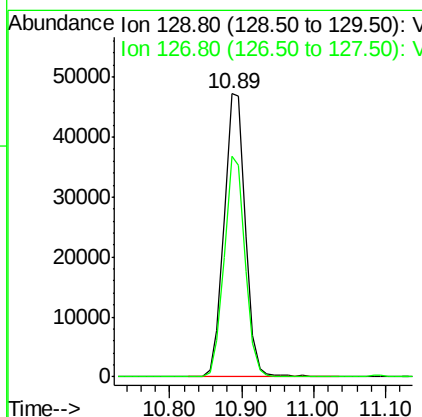
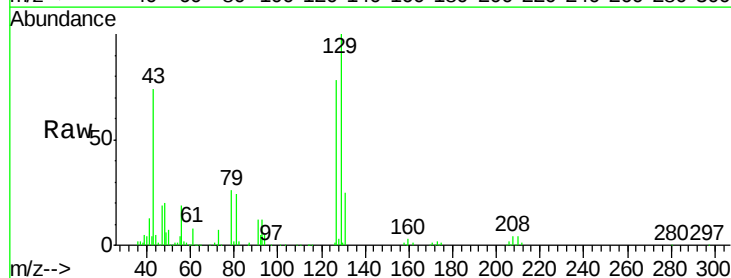
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

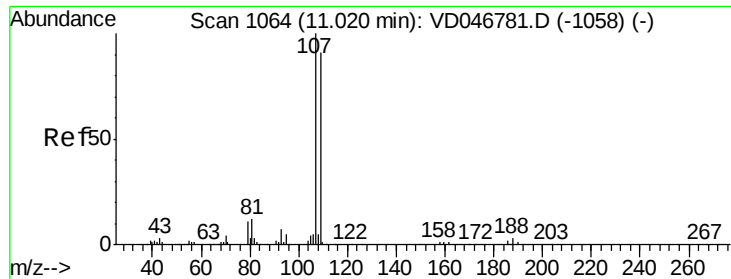
Tgt Ion: 43 Resp: 193551
Ion Ratio Lower Upper
43 100
58 42.6 18.6 55.8



#60
Dibromochloromethane
Concen: 62.63 ug/l
RT: 10.89 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 129 Resp: 96176
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 61.04 ug/l

RT: 11.02 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

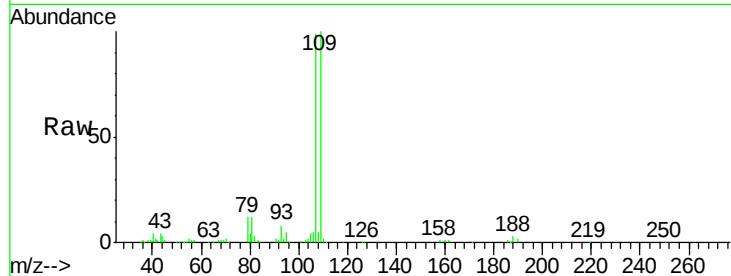
VSTDCCC050EC

Tgt Ion: 107 Resp: 67431

Ion Ratio Lower Upper

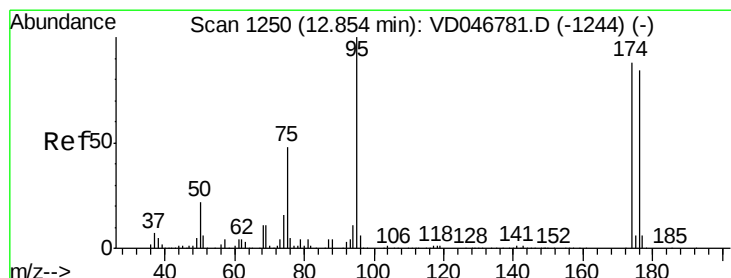
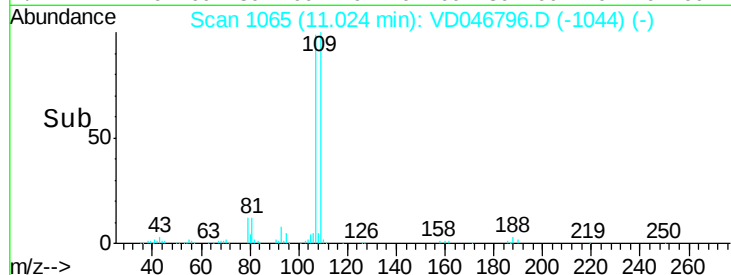
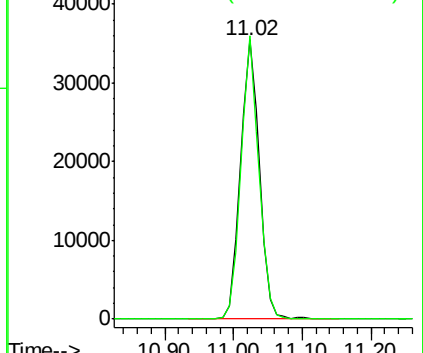
107 100

109 101.4 71.4 107.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 61.04 ug/l

RT: 12.85 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

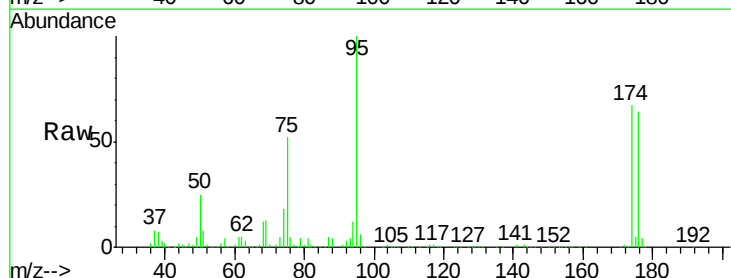
Tgt Ion: 95 Resp: 131041

Ion Ratio Lower Upper

95 100

174 66.8 0.0 149.8

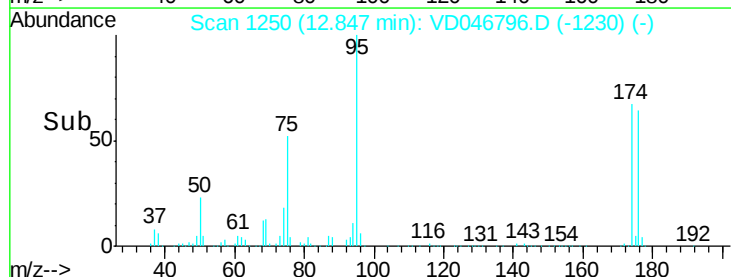
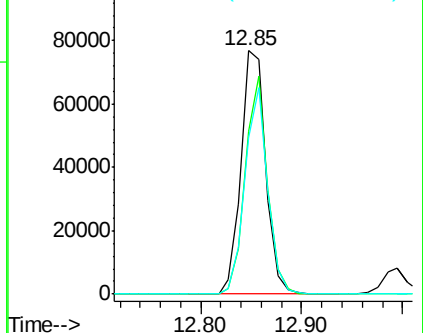
176 64.4 0.0 143.4

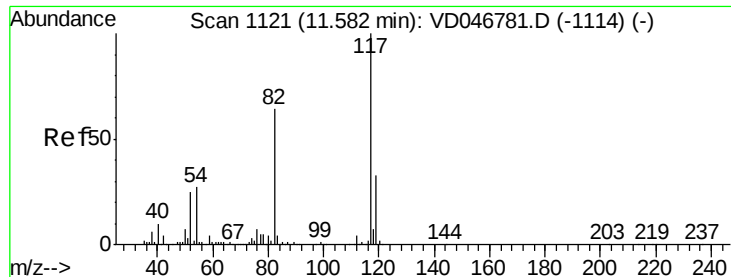


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

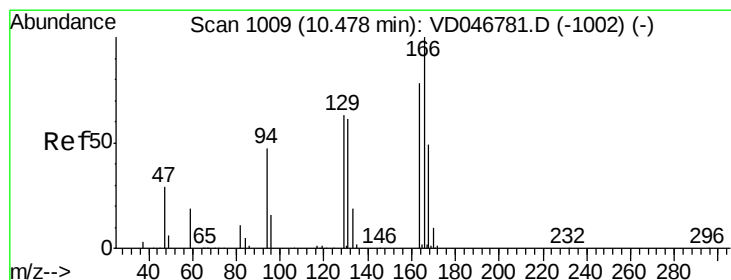
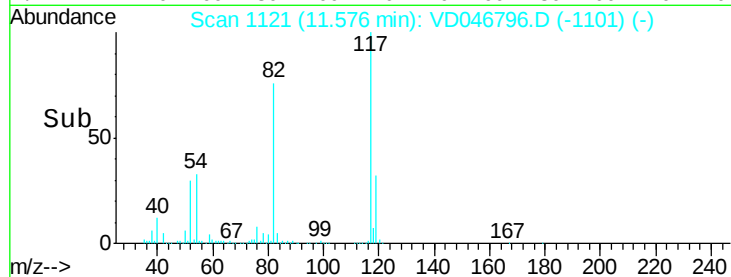
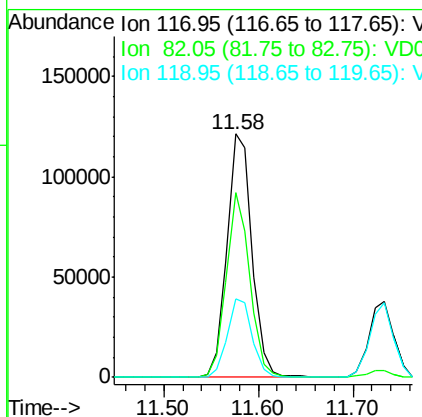
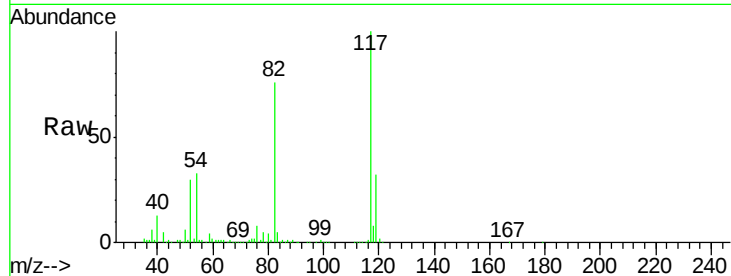




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.58 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

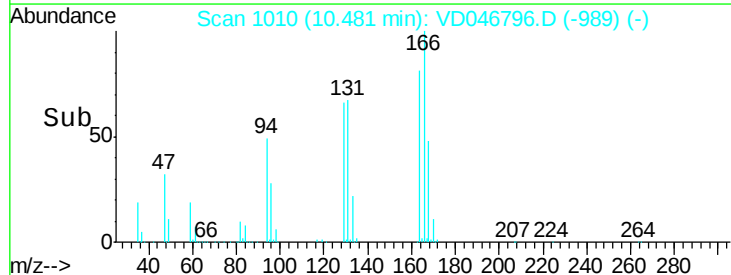
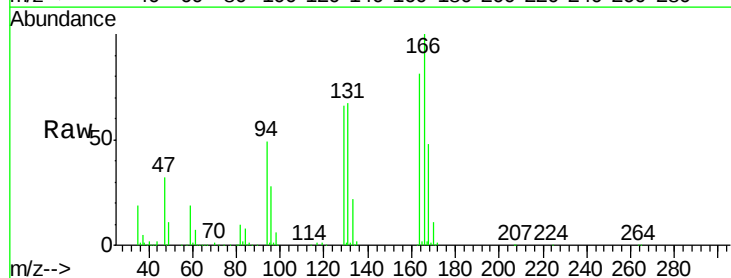
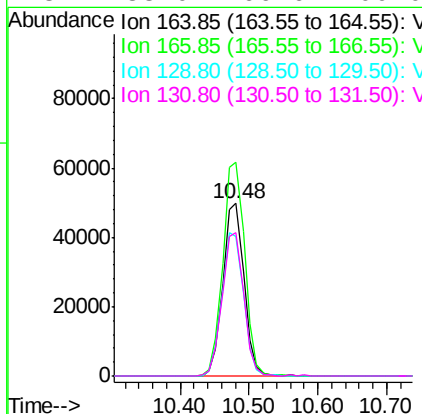
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

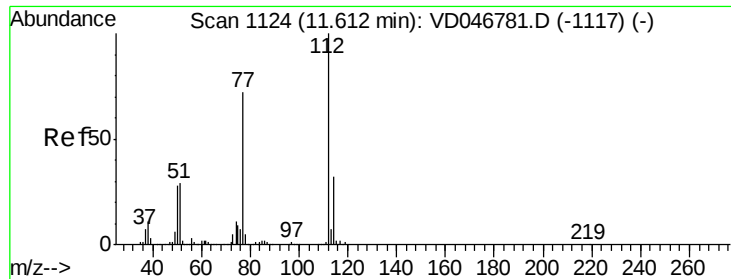
Tgt Ion:117 Resp: 221366
Ion Ratio Lower Upper
117 100
82 75.8 50.6 75.8
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 59.51 ug/l
RT: 10.48 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion:164 Resp: 106385
Ion Ratio Lower Upper
164 100
166 123.8 106.8 160.2
129 81.2 70.6 106.0
131 83.0 66.6 100.0





#65

Chlorobenzene

Concen: 59.77 ug/l

RT: 11.62 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

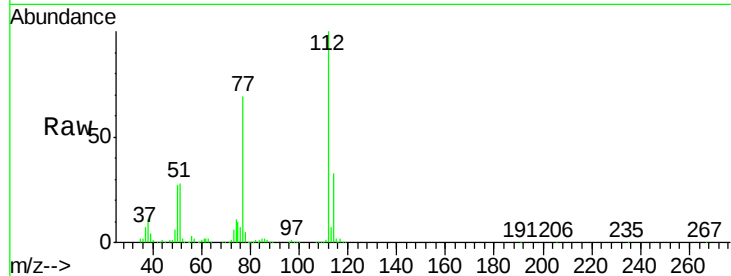
VSTDCCC050EC

Tgt Ion:112 Resp: 278462

Ion Ratio Lower Upper

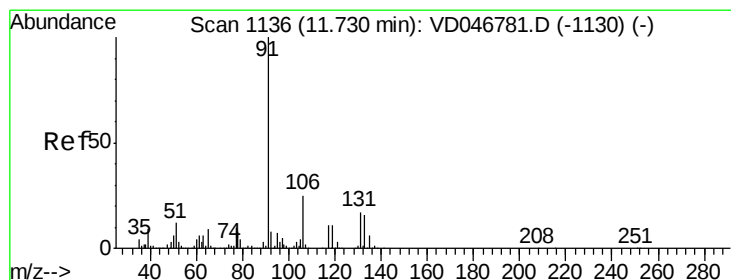
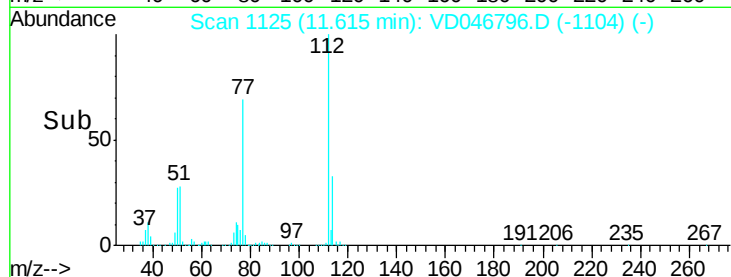
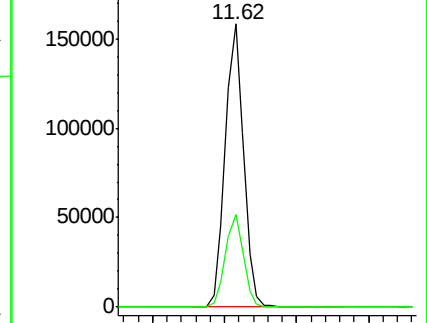
112 100

114 32.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 60.04 ug/l

RT: 11.73 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

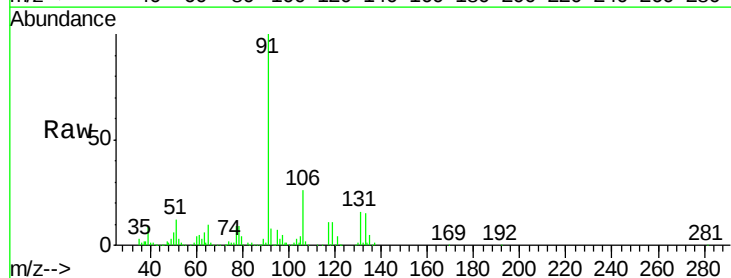
Tgt Ion:131 Resp: 102732

Ion Ratio Lower Upper

131 100

133 92.9 48.4 145.0

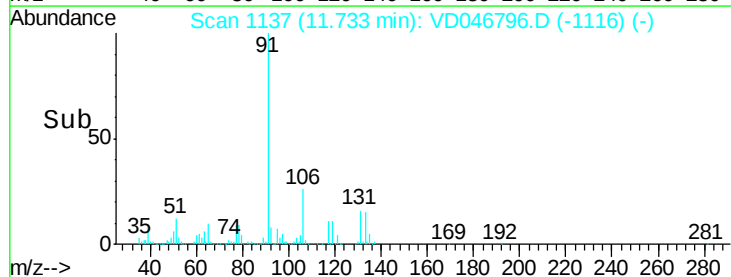
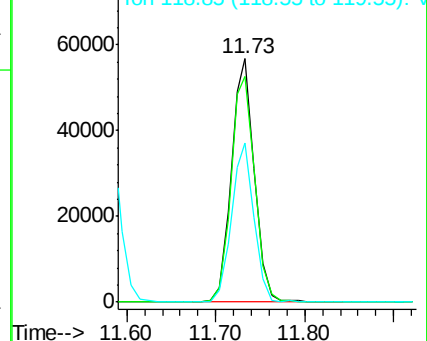
119 65.5 31.5 94.5

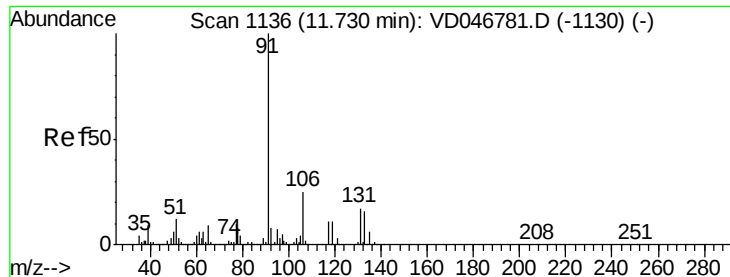


Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

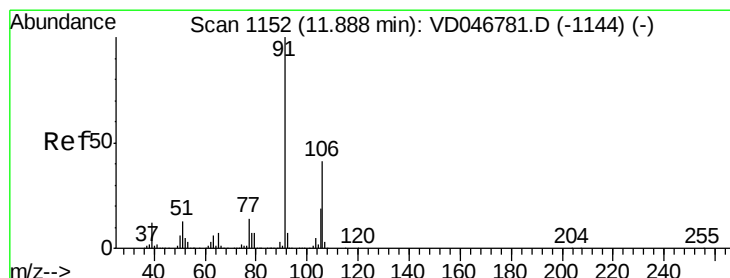
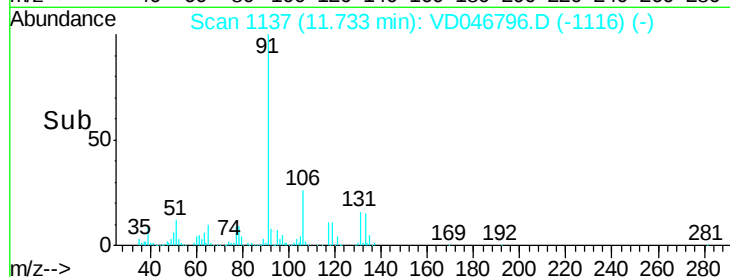
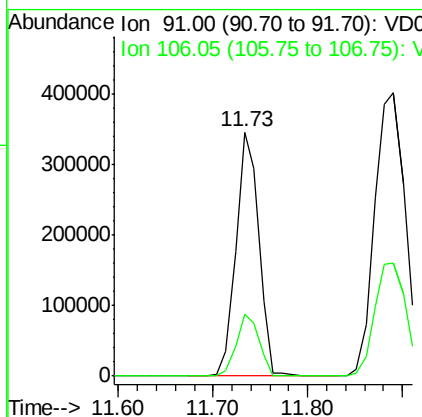
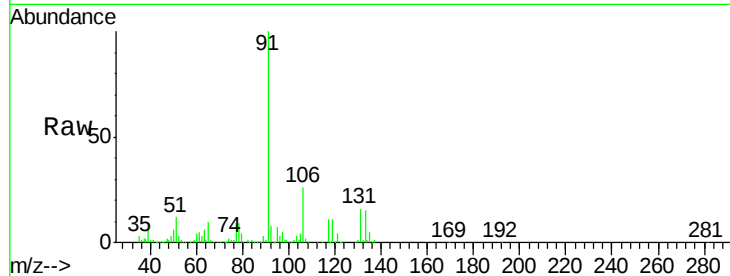




#67
Ethyl Benzene
Concen: 61.57 ug/l
RT: 11.73 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

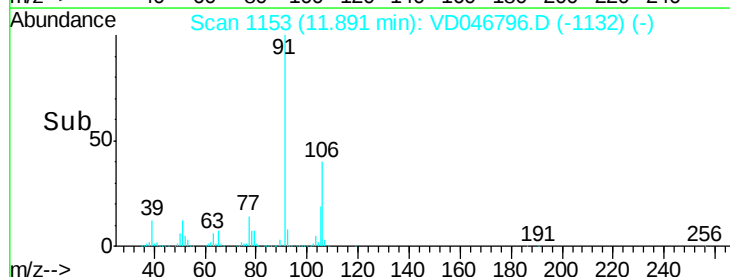
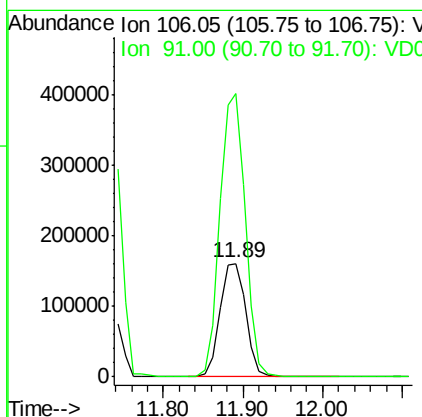
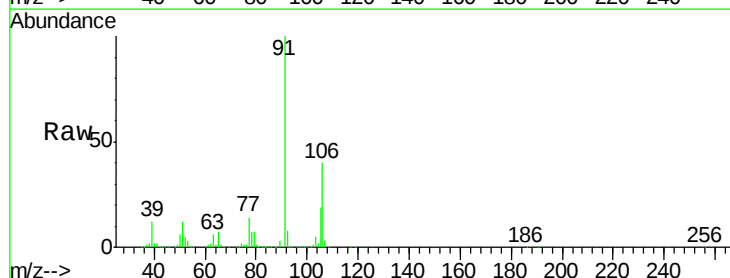
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

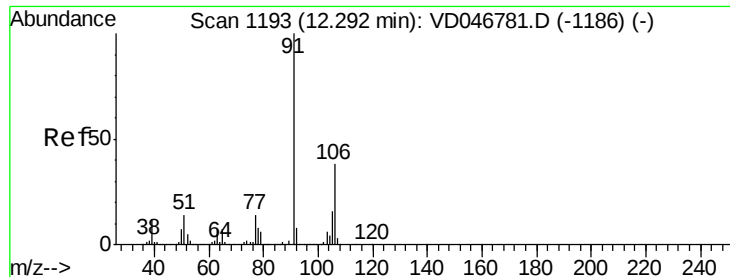
Tgt Ion: 91 Resp: 576413
Ion Ratio Lower Upper
91 100
106 25.6 20.2 30.2



#68
m/p-Xylenes
Concen: 124.12 ug/l
RT: 11.89 min Scan# 1153
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion: 106 Resp: 366475
Ion Ratio Lower Upper
106 100
91 249.2 187.9 281.9

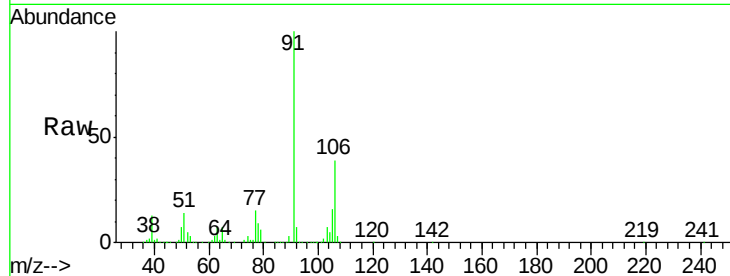




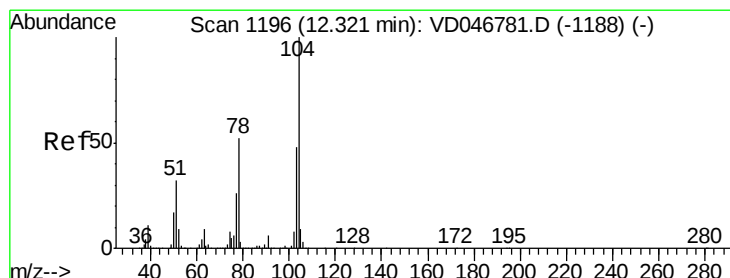
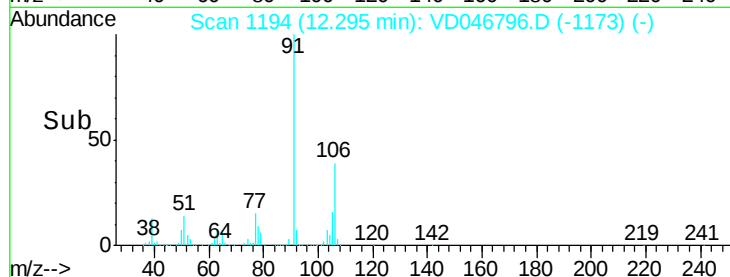
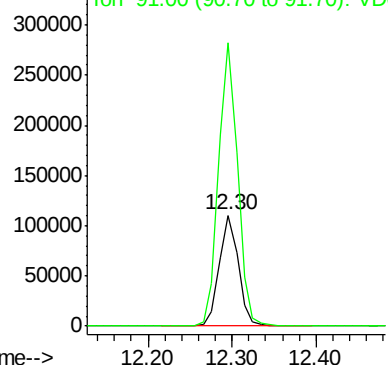
#69
o-Xylene
Concen: 66.09 ug/l
RT: 12.30 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 175662
Ion Ratio Lower Upper
106 100
91 255.7 124.8 374.5

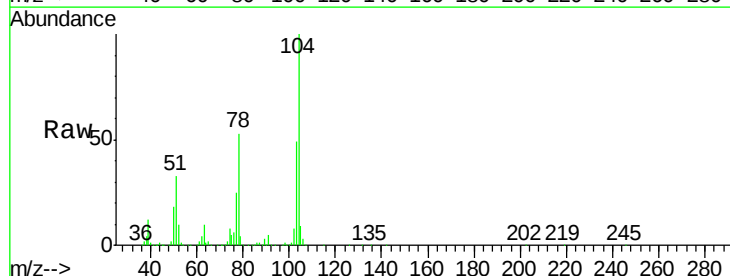


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

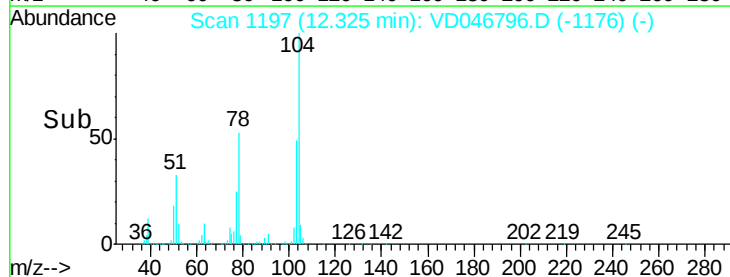
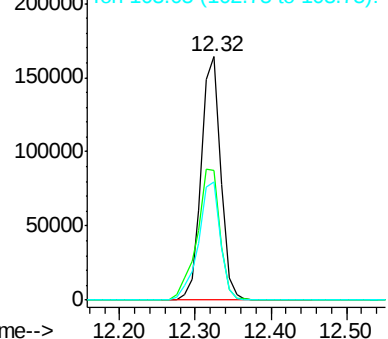


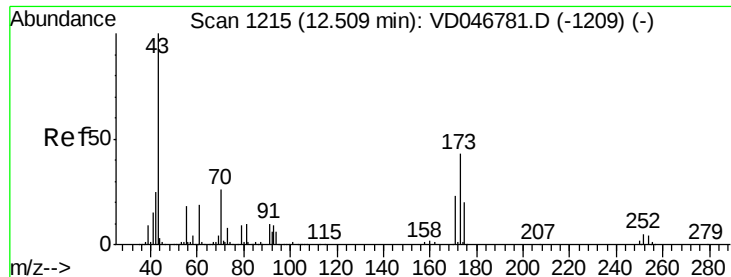
#70
Styrene
Concen: 63.27 ug/l
RT: 12.32 min Scan# 1197
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion:104 Resp: 291540
Ion Ratio Lower Upper
104 100
78 53.4 44.5 66.7
103 48.5 40.3 60.5



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

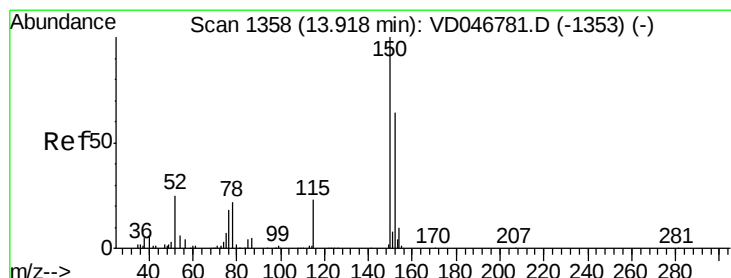
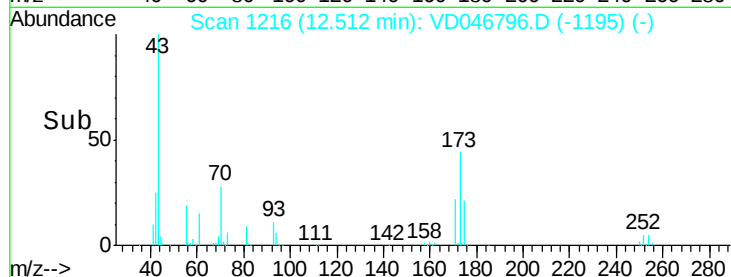
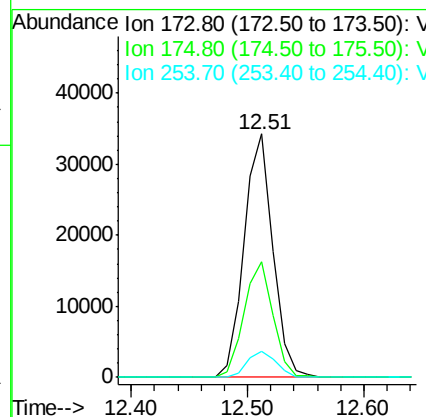
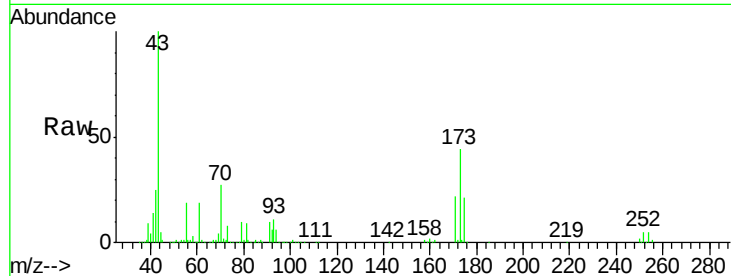




#71
Bromoform
Concen: 64.28 ug/l
RT: 12.51 min Scan# 1216
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

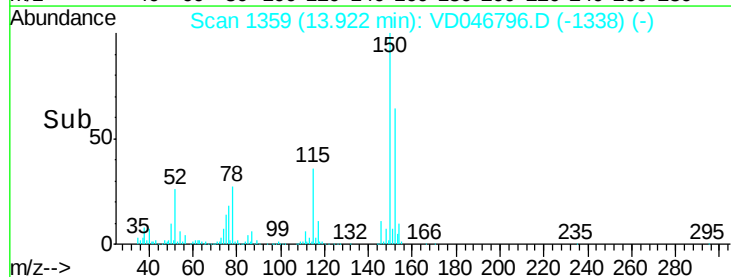
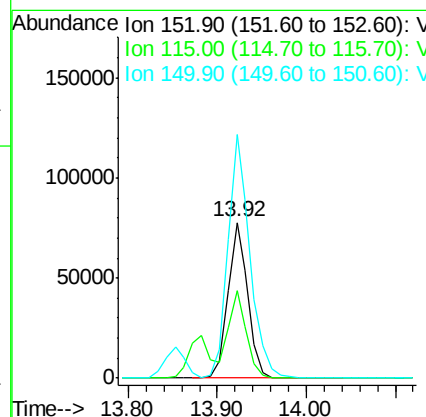
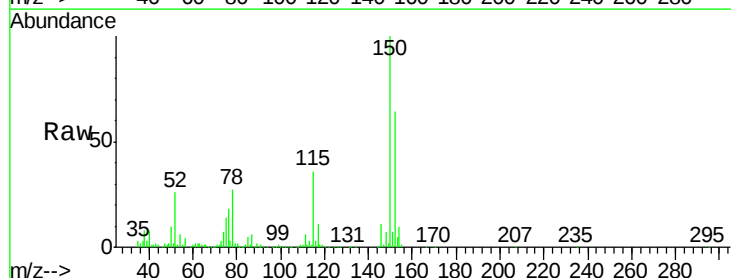
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

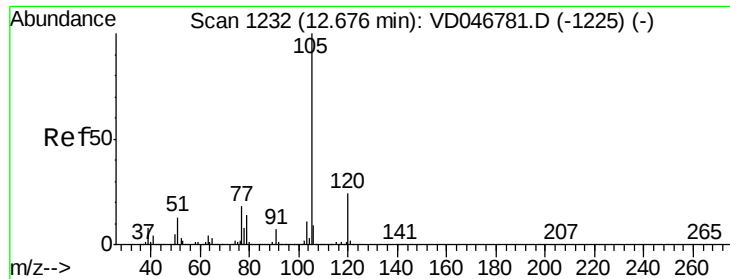
Tgt Ion:173 Resp: 58582
Ion Ratio Lower Upper
173 100
175 47.6 23.1 69.3
254 10.8 8.7 13.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.92 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD046796.D
Acq: 18 Sep 2015 22:01

Tgt Ion:152 Resp: 121378
Ion Ratio Lower Upper
152 100
115 55.9 26.2 78.6
150 156.5 0.0 311.8





#73

Isopropylbenzene

Concen: 61.35 ug/l

RT: 12.68 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

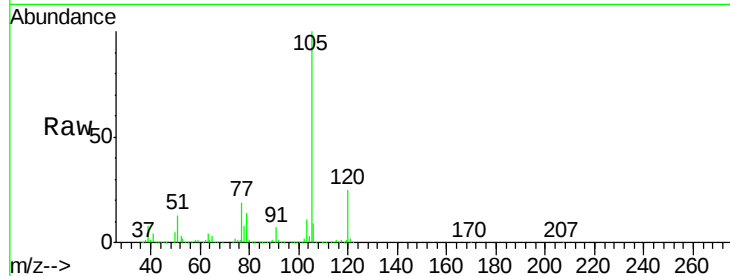
VSTDCCC050EC

Tgt Ion: 105 Resp: 524916

Ion Ratio Lower Upper

105 100

120 25.1 12.4 37.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

12.68

300000

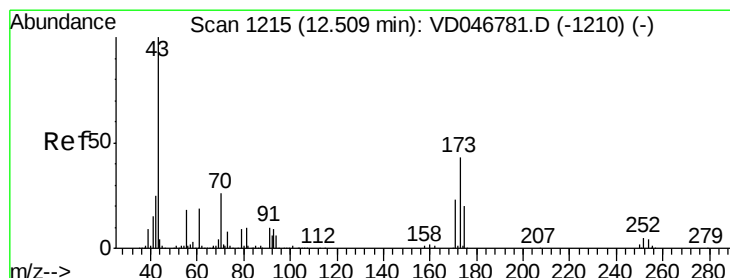
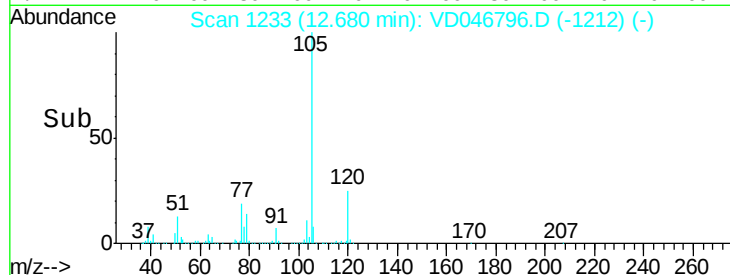
200000

100000

0

Time-->

12.60 12.70 12.80



#74

N-ethyl acetate

Concen: 52.57 ug/l

RT: 12.51 min Scan# 1216

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Tgt Ion: 43 Resp: 113690

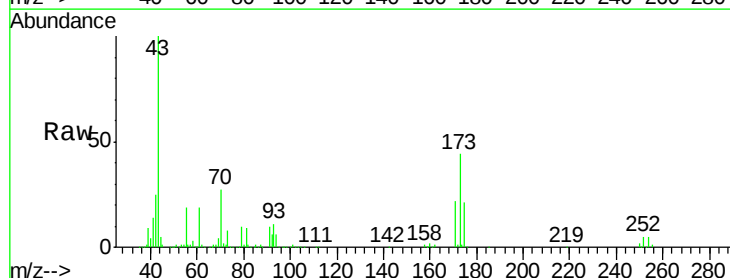
Ion Ratio Lower Upper

43 100

70 27.4 22.1 33.1

55 19.0 14.5 21.7

61 18.7 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

120000

100000

80000

60000

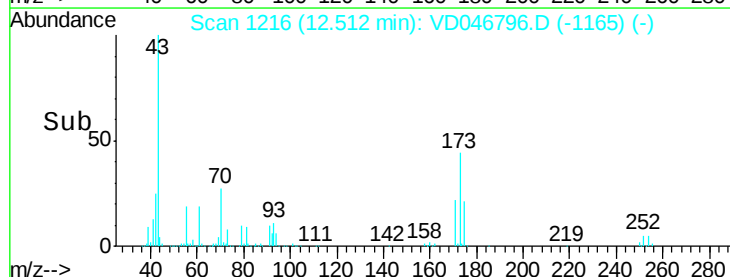
40000

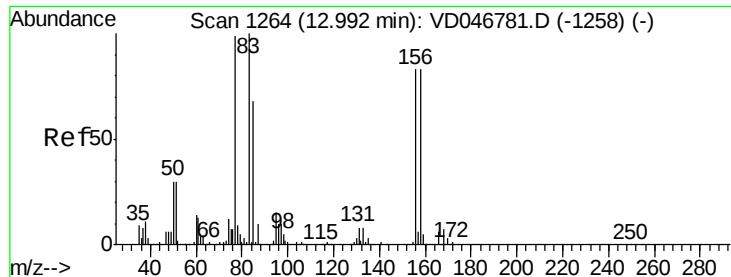
20000

0

Time-->

12.40 12.50 12.60 12.70





#75

1,1,2,2-Tetrachloroethane

Concen: 57.54 ug/l

RT: 13.00 min Scan# 1265

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

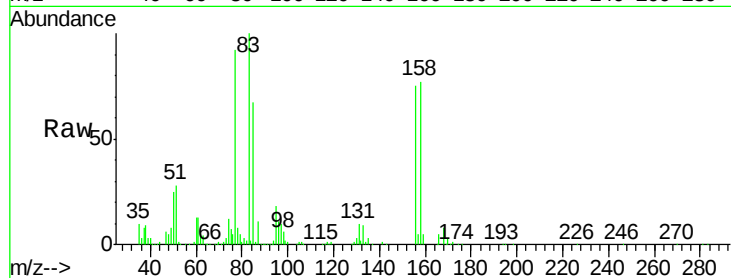
Tgt Ion: 83 Resp: 79449

Ion Ratio Lower Upper

83 100

131 9.8 3.9 11.7

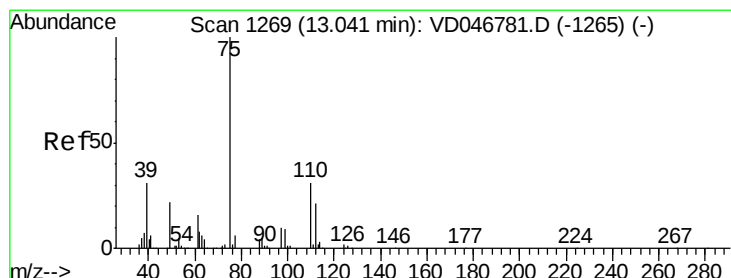
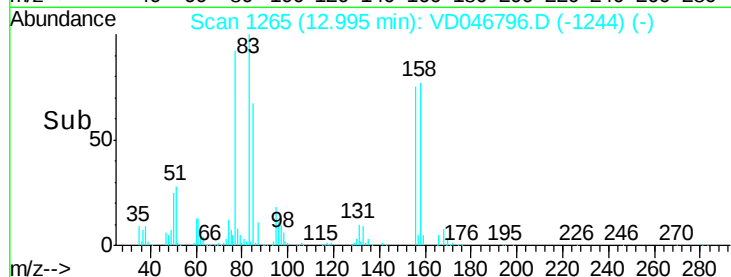
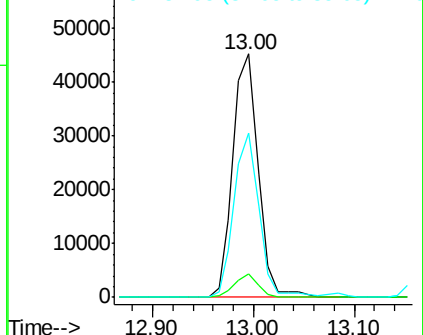
85 67.2 30.5 91.5



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: 58.67 ug/l

RT: 13.03 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD046796.D

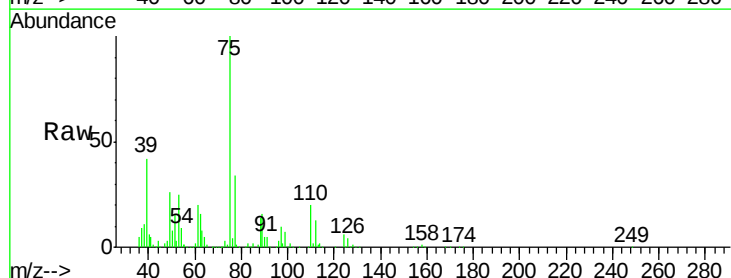
Acq: 18 Sep 2015 22:01

Tgt Ion: 75 Resp: 86665

Ion Ratio Lower Upper

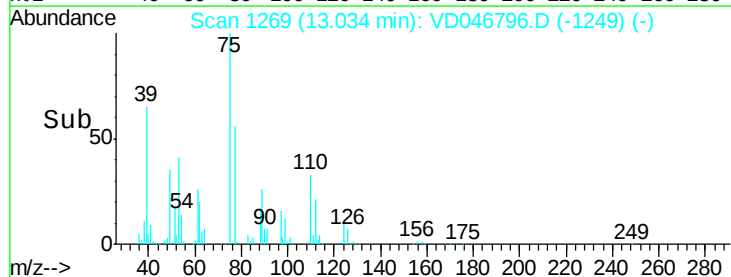
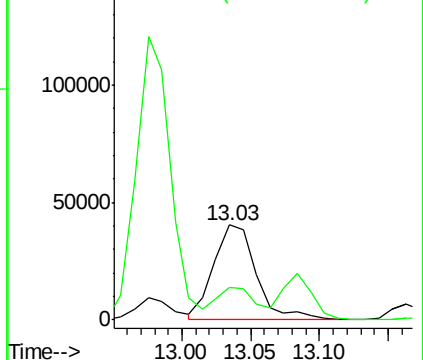
75 100

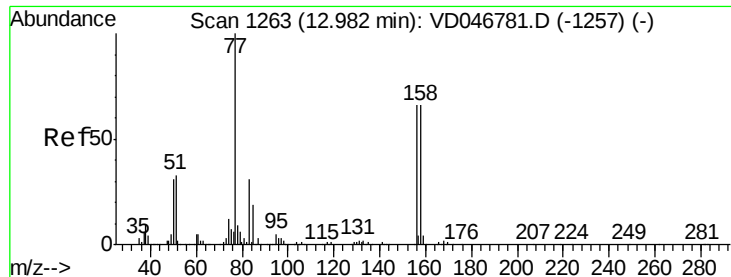
77 33.9 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 58.48 ug/l

RT: 12.99 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

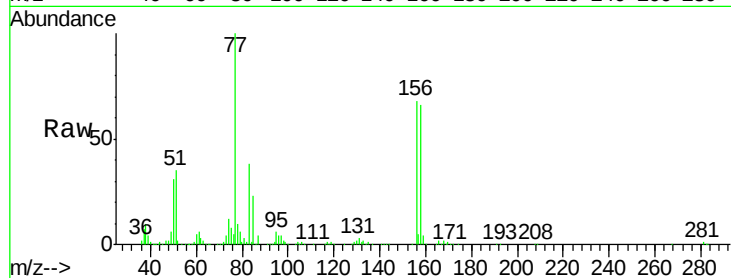
Tgt Ion:156 Resp: 125843

Ion Ratio Lower Upper

156 100

77 147.2 70.3 210.8

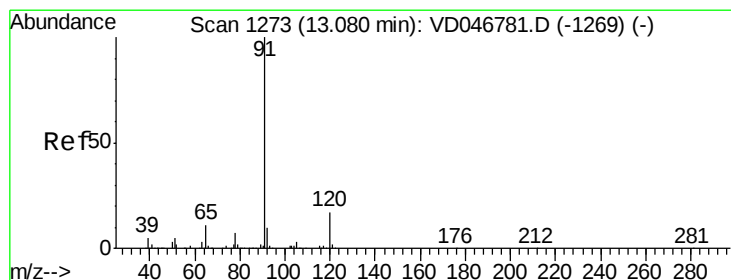
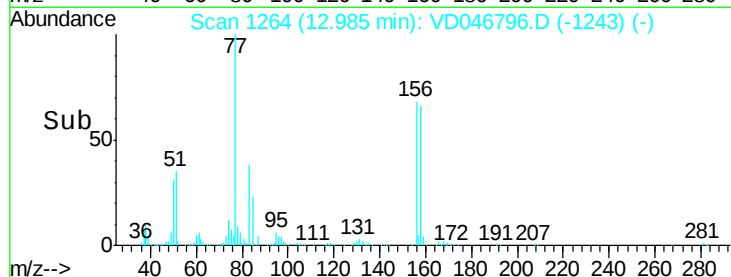
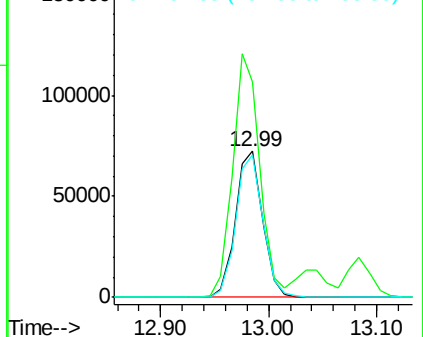
158 97.2 49.0 147.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 60.05 ug/l

RT: 13.08 min Scan# 1274

Delta R.T. 0.00 min

Lab File: VD046796.D

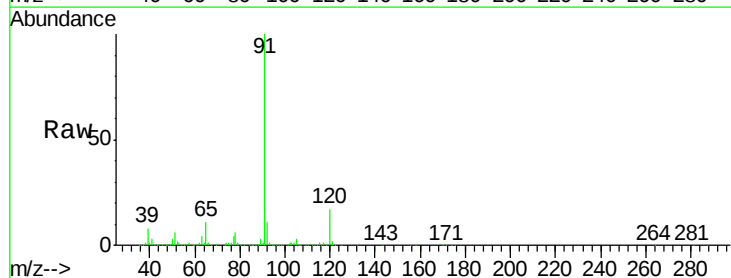
Acq: 18 Sep 2015 22:01

Tgt Ion: 91 Resp: 725551

Ion Ratio Lower Upper

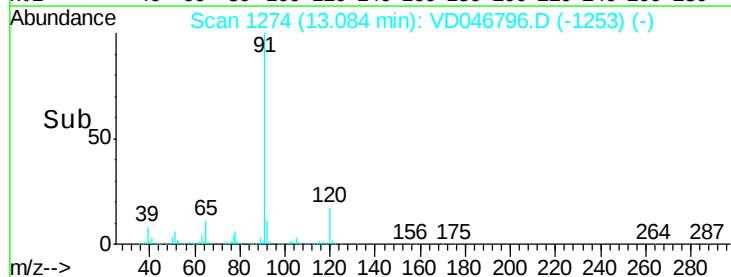
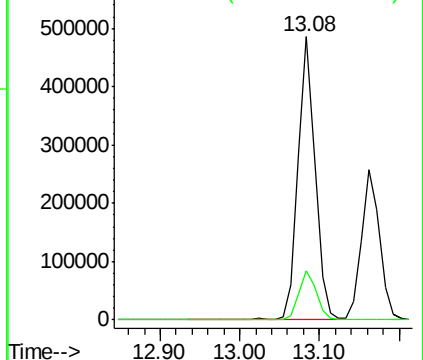
91 100

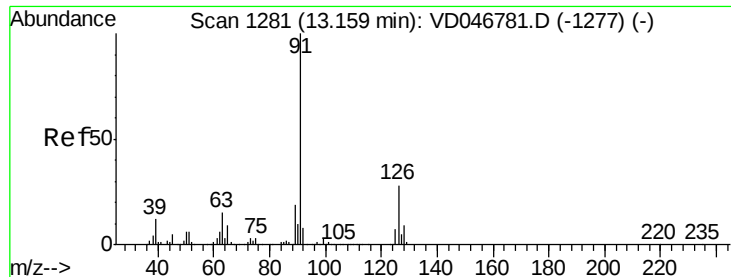
120 17.2 9.3 27.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 59.63 ug/l

RT: 13.16 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

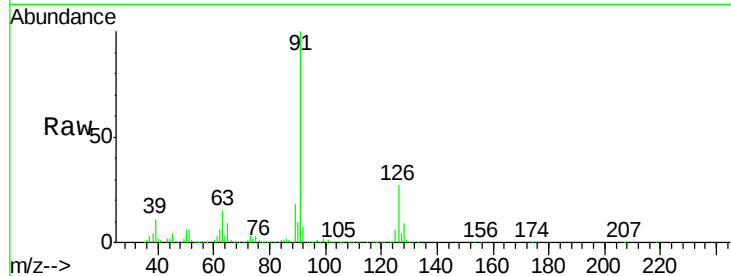
VSTDCCC050EC

Tgt Ion: 91 Resp: 400001

Ion Ratio Lower Upper

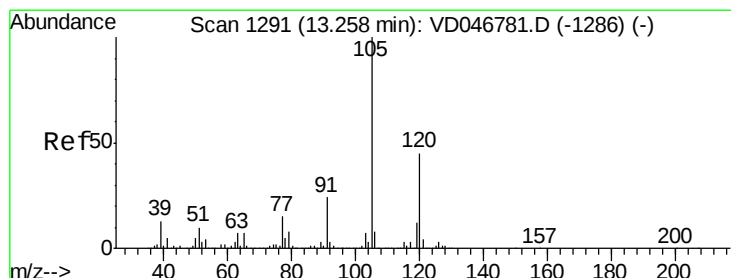
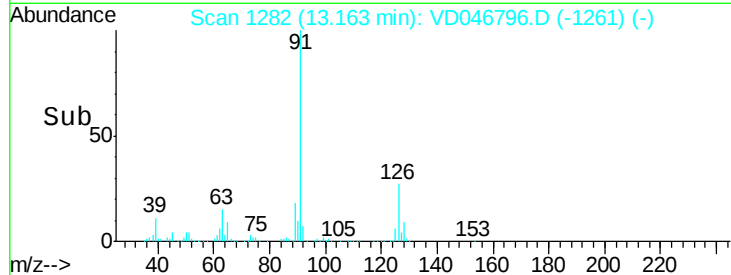
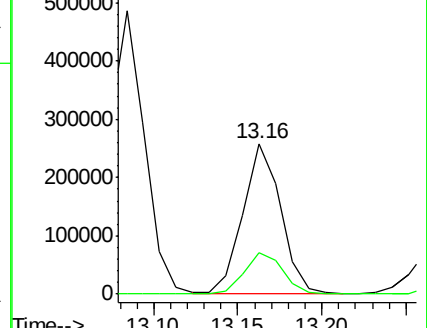
91 100

126 27.5 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 59.79 ug/l

RT: 13.26 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VD046796.D

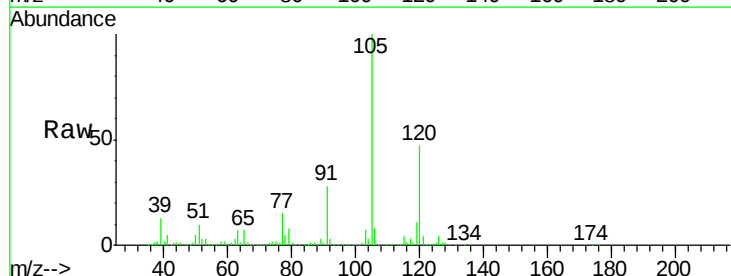
Acq: 18 Sep 2015 22:01

Tgt Ion: 105 Resp: 407675

Ion Ratio Lower Upper

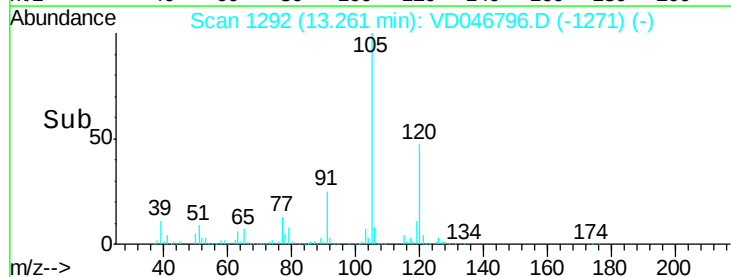
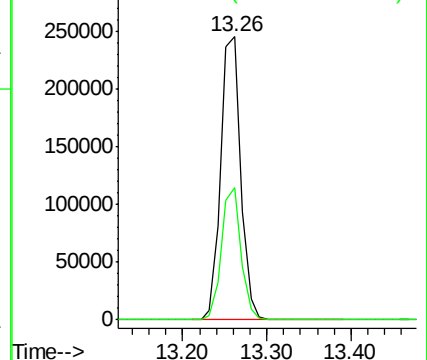
105 100

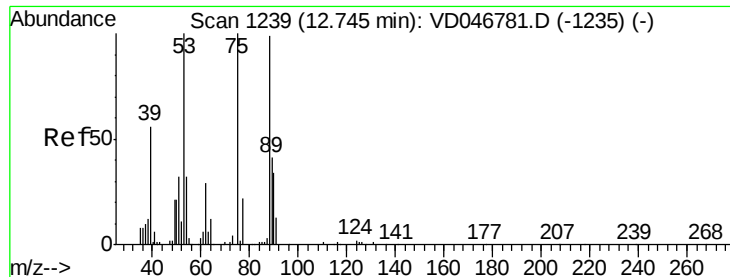
120 46.9 22.3 66.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.04 ug/l

RT: 12.75 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

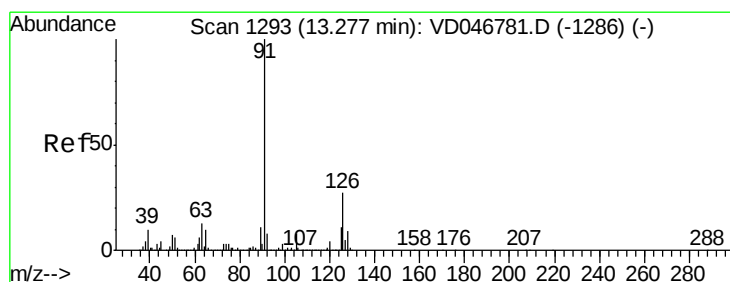
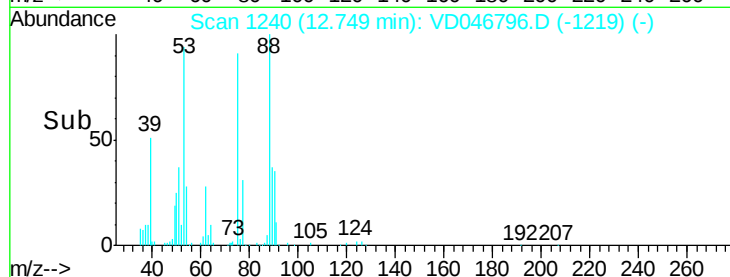
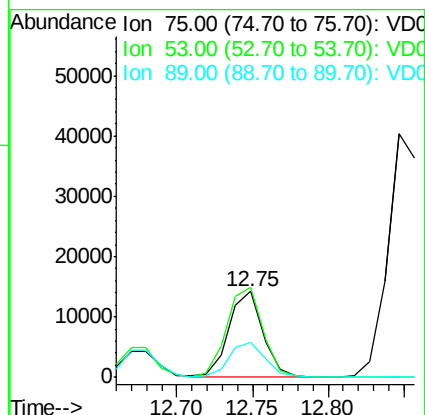
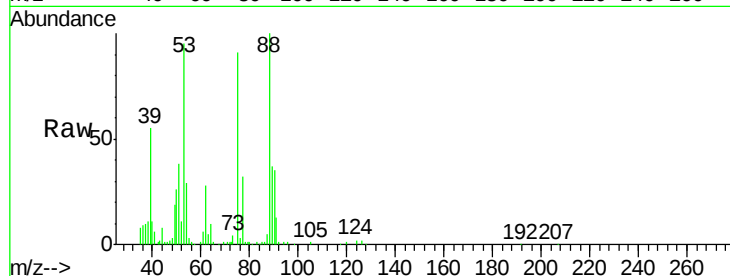
Tgt Ion: 75 Resp: 22105

Ion Ratio Lower Upper

75 100

53 104.6 82.3 123.5

89 41.4 36.6 54.8



#82

4-Chlorotoluene

Concen: 58.64 ug/l

RT: 13.28 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VD046796.D

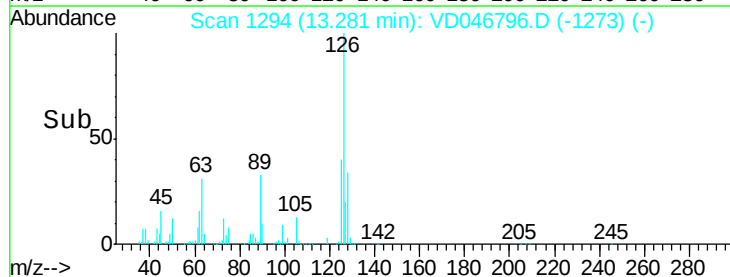
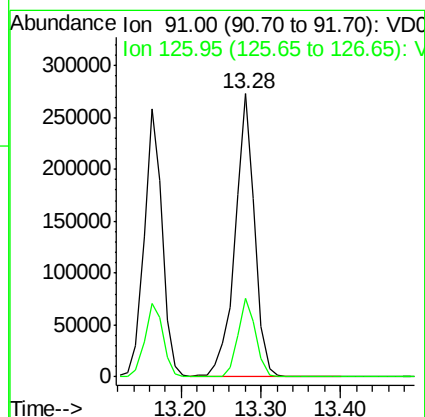
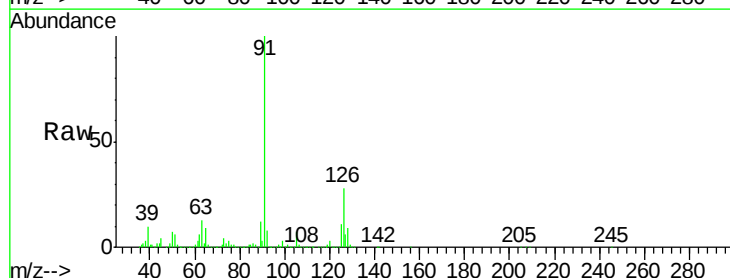
Acq: 18 Sep 2015 22:01

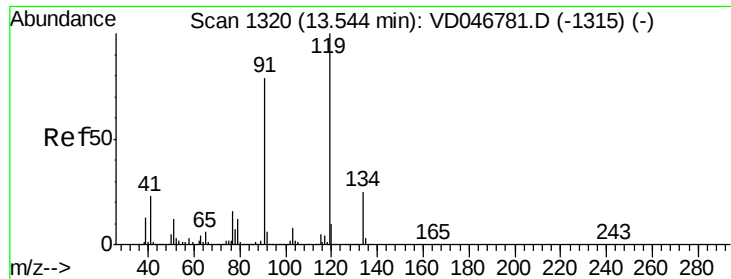
Tgt Ion: 91 Resp: 468218

Ion Ratio Lower Upper

91 100

126 27.6 14.1 42.4

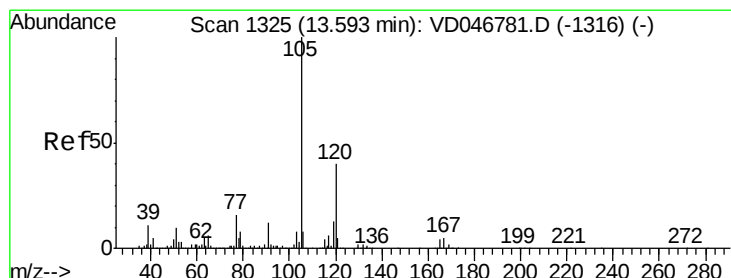
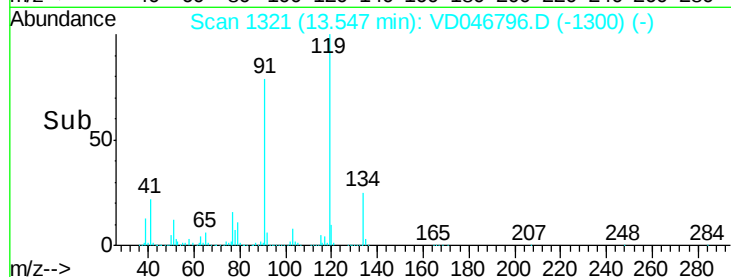
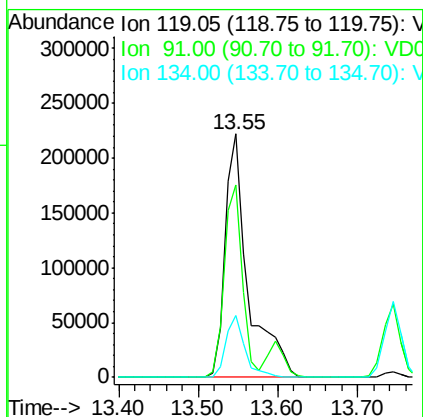
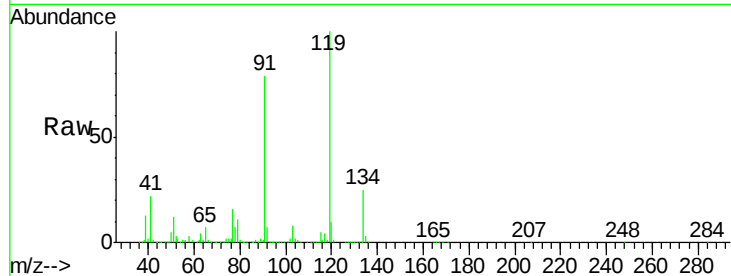




#83
 tert-Butylbenzene
 Concen: 73.66 ug/l
 RT: 13.55 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

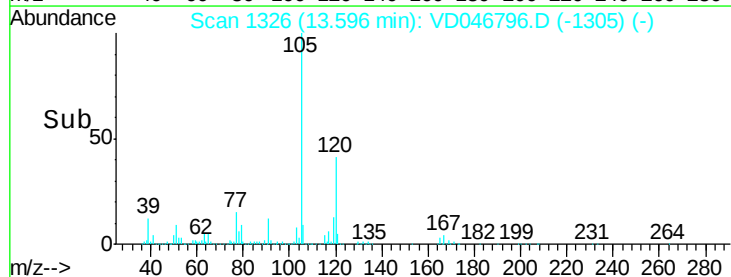
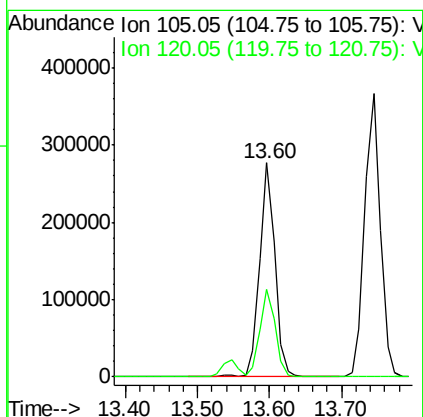
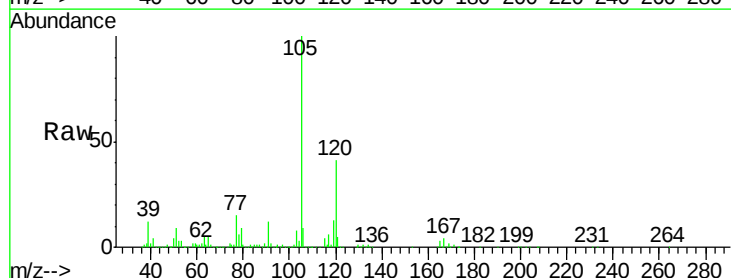
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

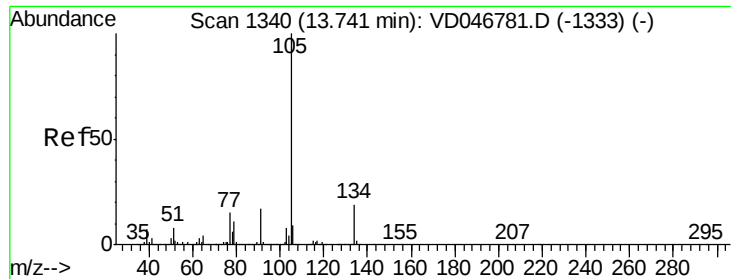
Tgt Ion:119 Resp: 452871
 Ion Ratio Lower Upper
 119 100
 91 78.9 41.6 124.9
 134 25.3 12.4 37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 60.17 ug/l
 RT: 13.60 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion:105 Resp: 413009
 Ion Ratio Lower Upper
 105 100
 120 41.0 21.1 63.1

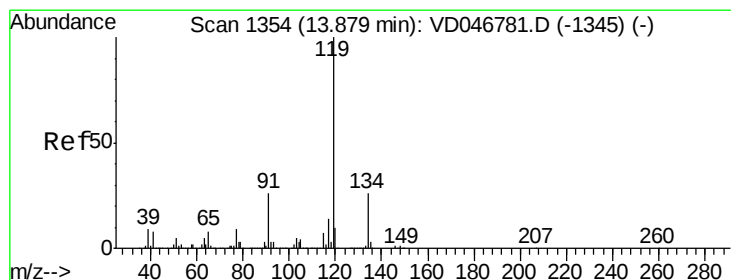
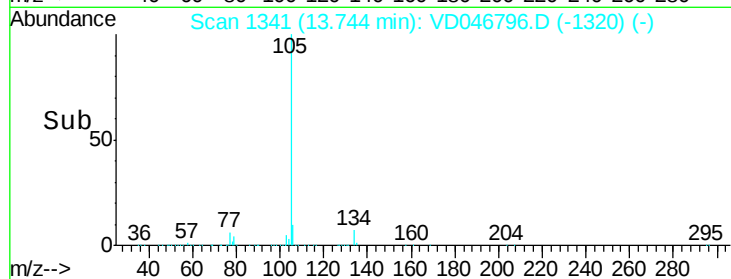
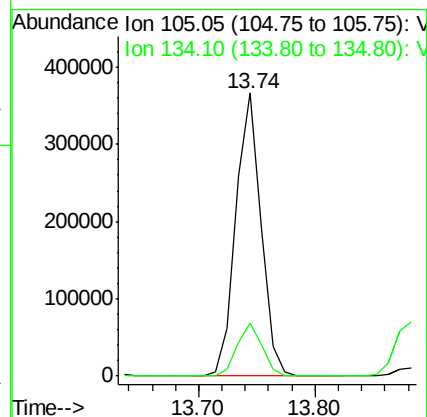
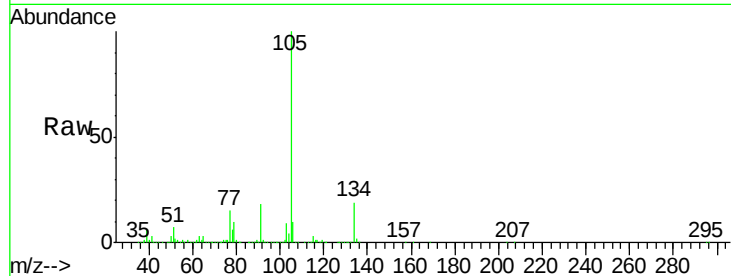




#85
 sec-Butylbenzene
 Concen: 60.64 ug/l
 RT: 13.74 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

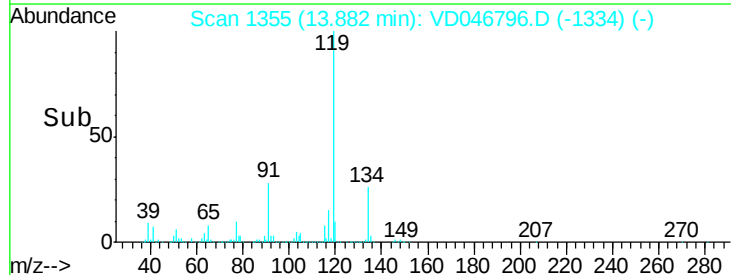
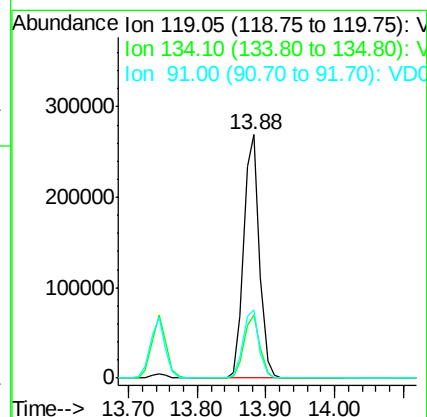
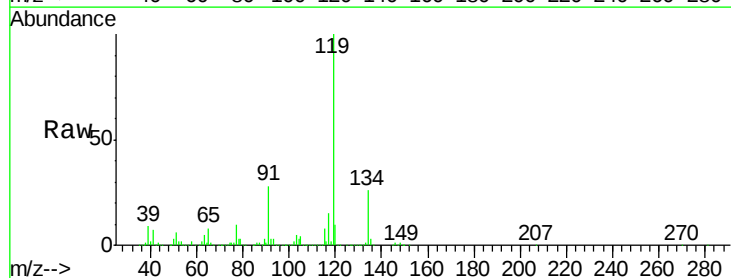
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

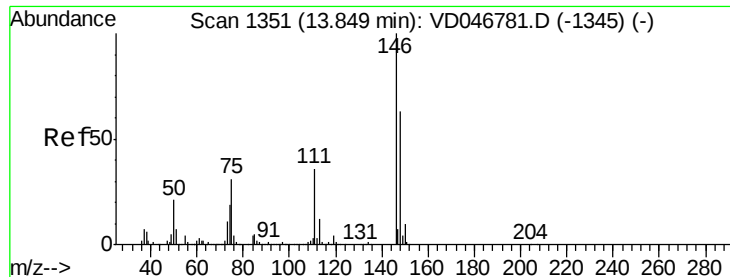
Tgt Ion:105 Resp: 547952
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 59.68 ug/l
 RT: 13.88 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion:119 Resp: 423842
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 28.0 13.8 41.3

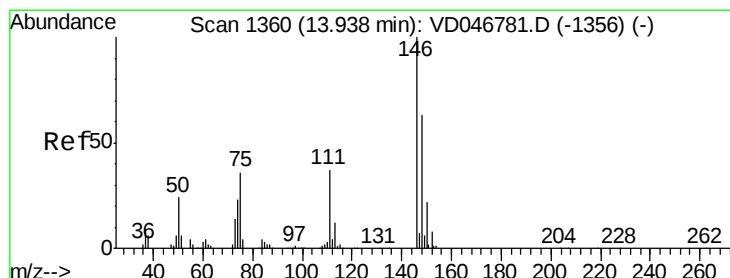
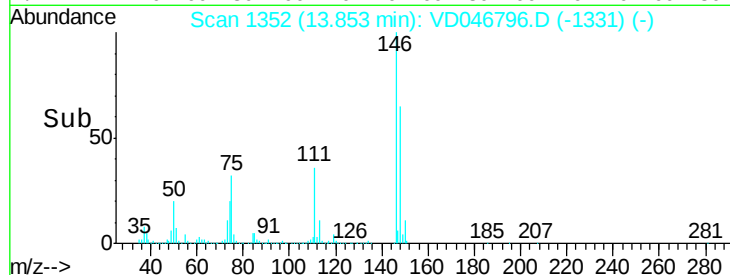
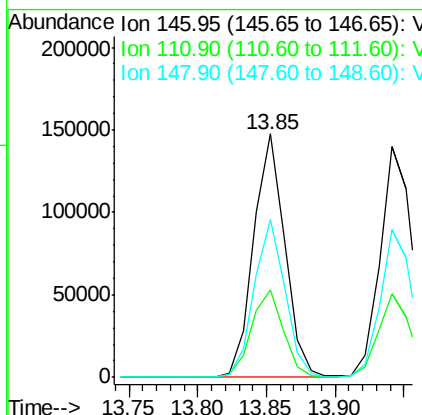
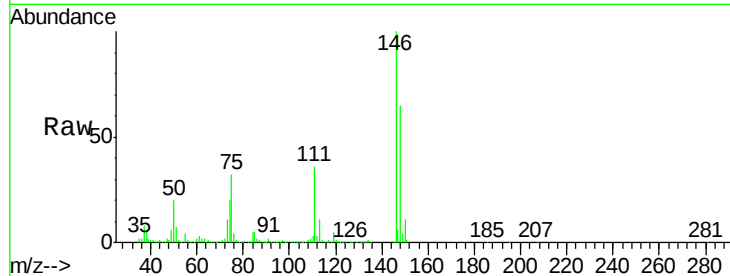




#87
 1,3-Dichlorobenzene
 Concen: 58.56 ug/l
 RT: 13.85 min Scan# 1352
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

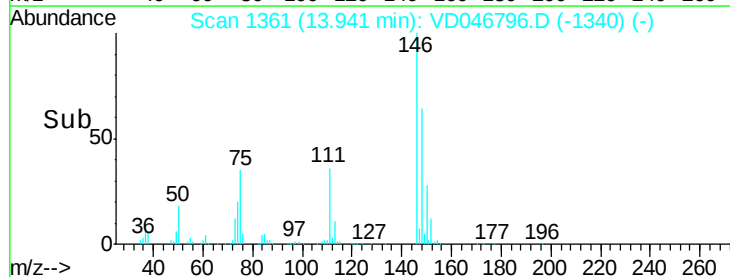
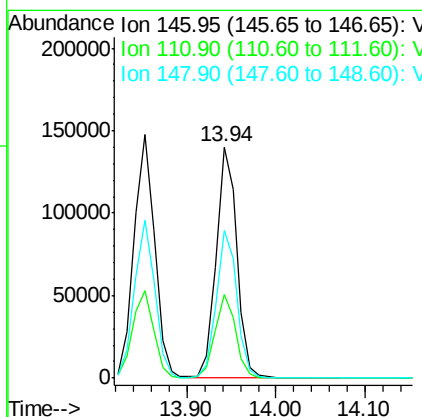
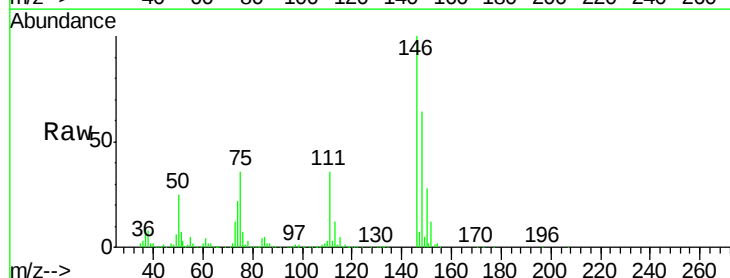
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

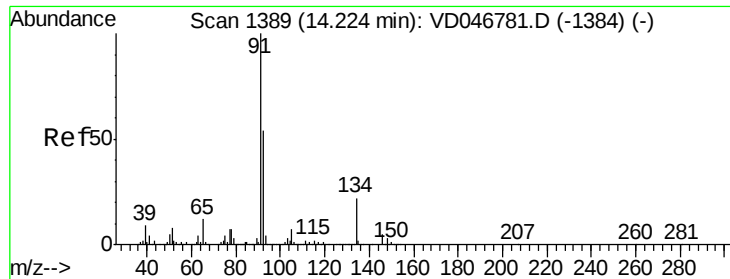
Tgt Ion:146 Resp: 235065
 Ion Ratio Lower Upper
 146 100
 111 35.8 17.4 52.2
 148 64.8 33.0 99.0



#88
 1,4-Dichlorobenzene
 Concen: 57.13 ug/l
 RT: 13.94 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion:146 Resp: 228065
 Ion Ratio Lower Upper
 146 100
 111 36.0 17.0 51.0
 148 63.8 31.9 95.7





#89

n-Butylbenzene

Concen: 59.76 ug/l

RT: 14.23 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

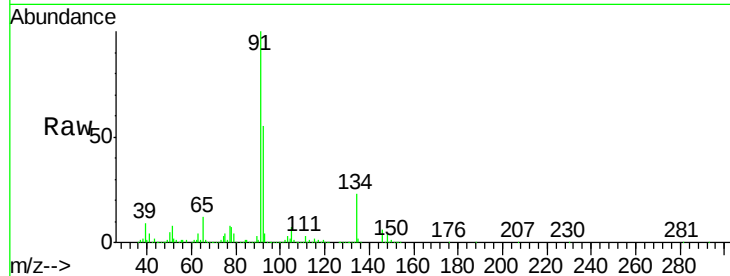
Tgt Ion: 91 Resp: 479135

Ion Ratio Lower Upper

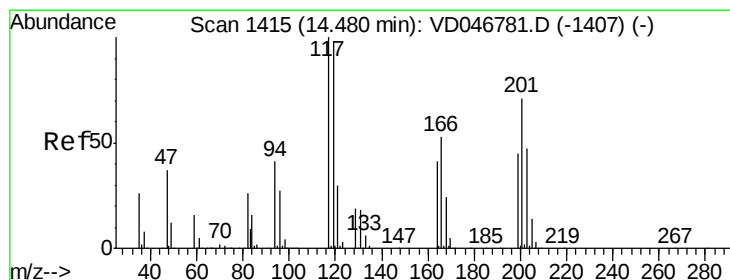
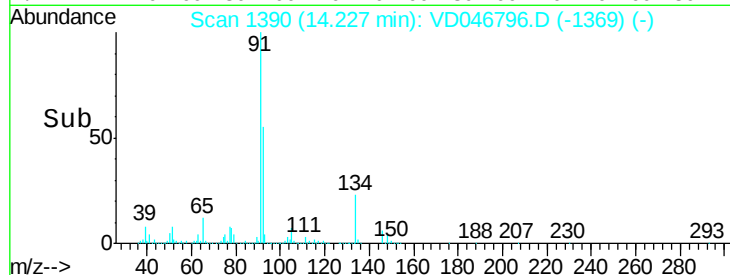
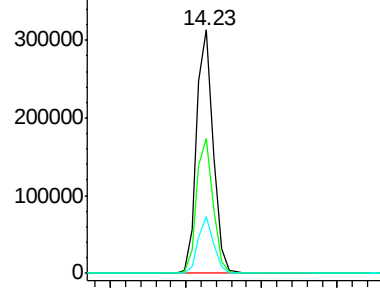
91 100

92 55.3 27.1 81.2

134 23.4 9.6 28.6



Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 58.99 ug/l

RT: 14.48 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VD046796.D

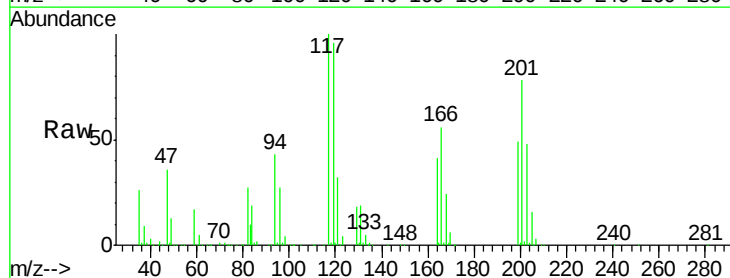
Acq: 18 Sep 2015 22:01

Tgt Ion: 117 Resp: 97130

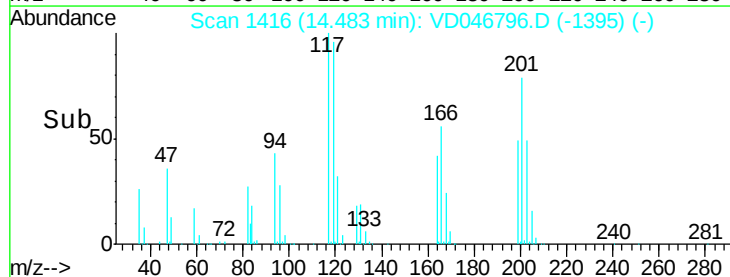
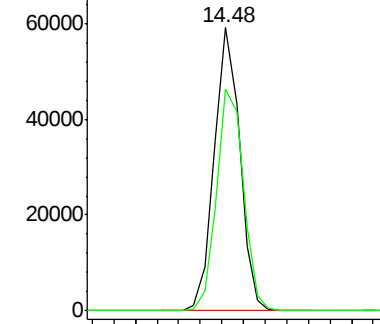
Ion Ratio Lower Upper

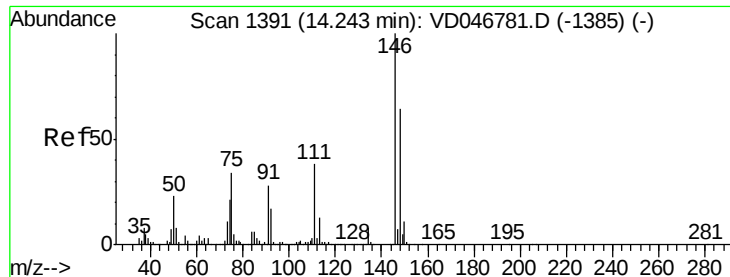
117 100

201 78.4 41.0 123.0



Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V

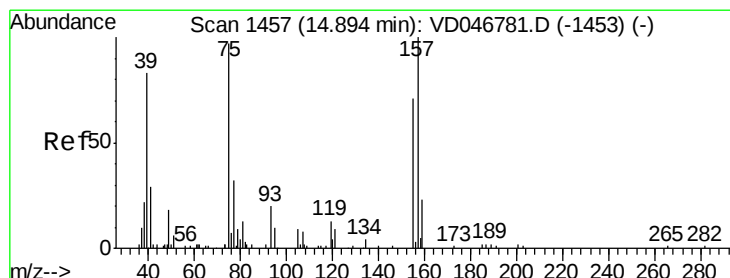
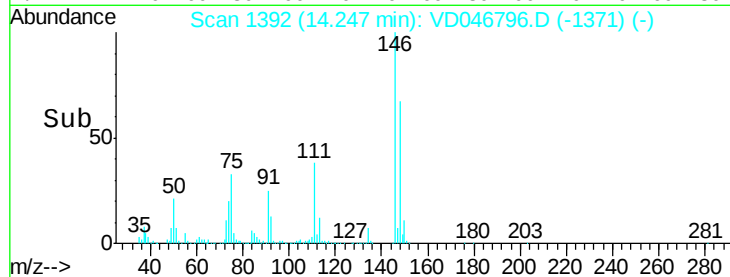
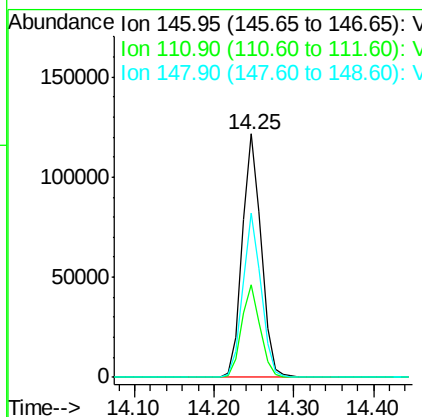
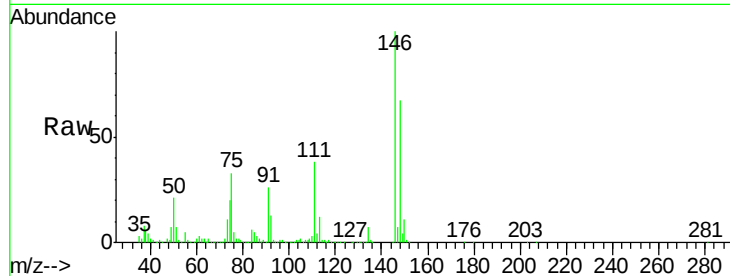




#91
 1,2-Dichlorobenzene
 Concen: 59.06 ug/l
 RT: 14.25 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

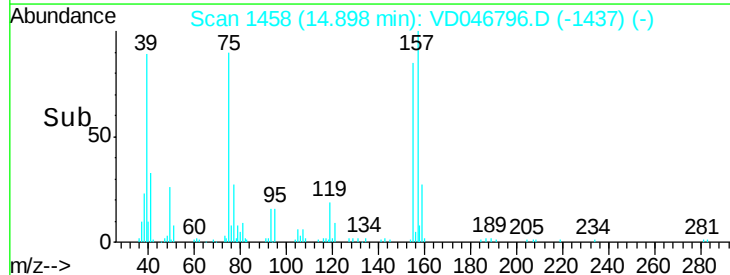
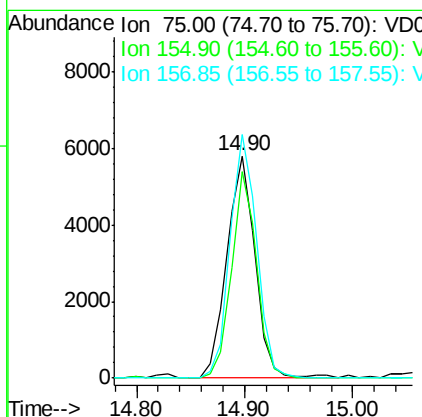
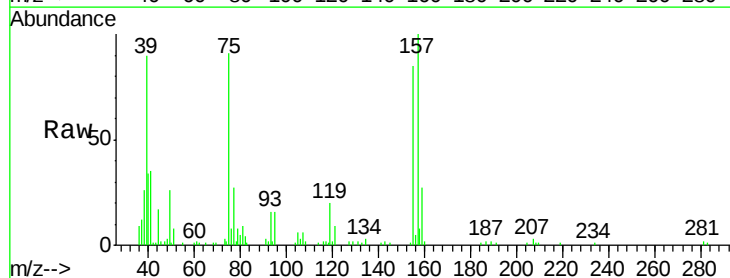
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

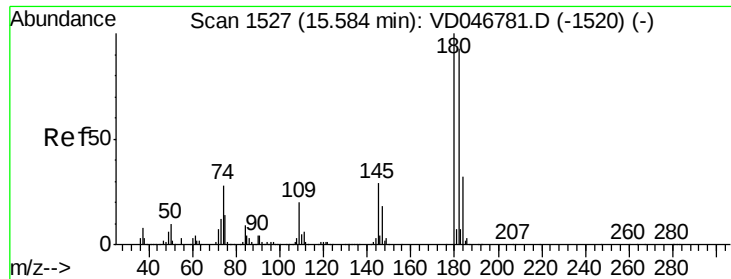
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.2	54.6
148	67.5	31.1	93.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.52 ug/l
 RT: 14.90 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.0	41.4	124.4
157	109.7	65.0	195.1

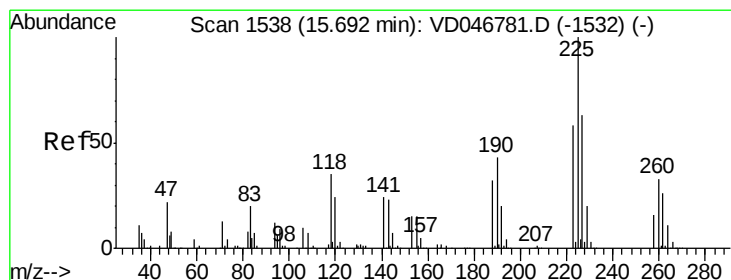
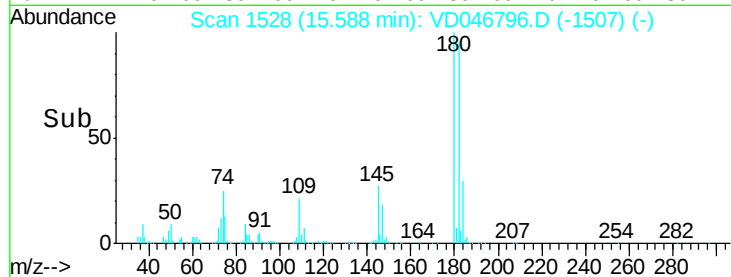
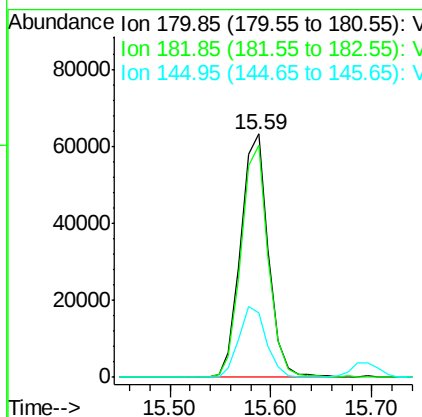
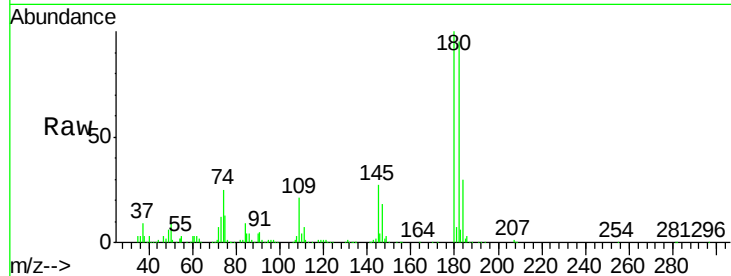




#93
 1,2,4-Trichlorobenzene
 Concen: 62.35 ug/l
 RT: 15.59 min Scan# 1528
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

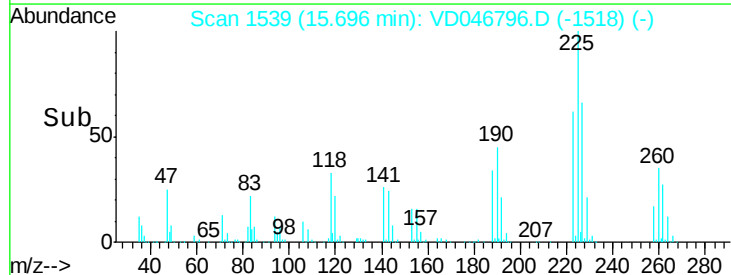
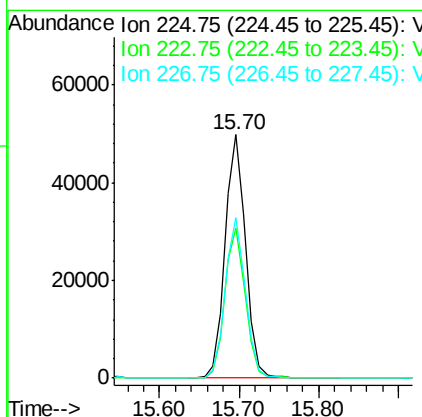
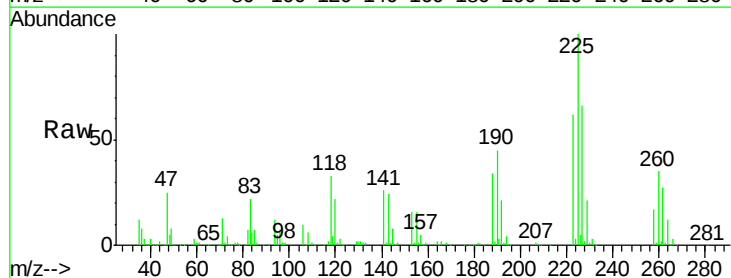
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

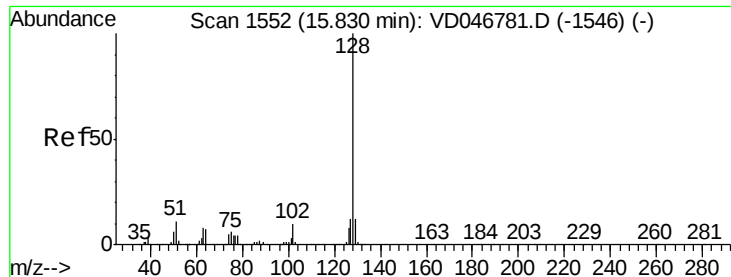
Tgt Ion:180 Resp: 121068
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.5 142.5
 145 26.6 14.6 44.0



#94
 Hexachlorobutadiene
 Concen: 56.89 ug/l
 RT: 15.70 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: VD046796.D
 Acq: 18 Sep 2015 22:01

Tgt Ion:225 Resp: 90955
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.4 91.2
 227 65.9 31.3 93.9





#95

Naphthalene

Concen: 60.82 ug/l

RT: 15.82 min Scan# 1552

Delta R.T. -0.01 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

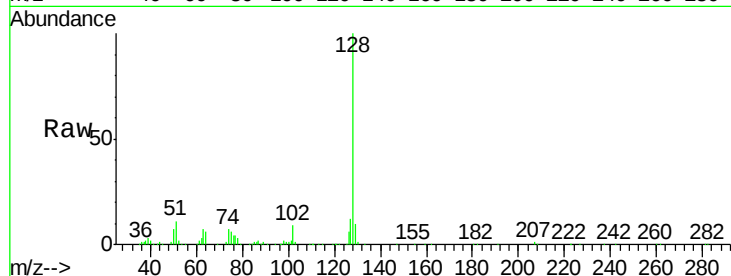
Tgt Ion:128 Resp: 157727

Ion Ratio Lower Upper

128 100

127 12.4 9.8 14.6

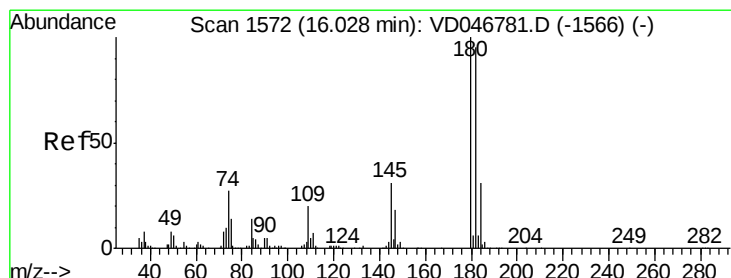
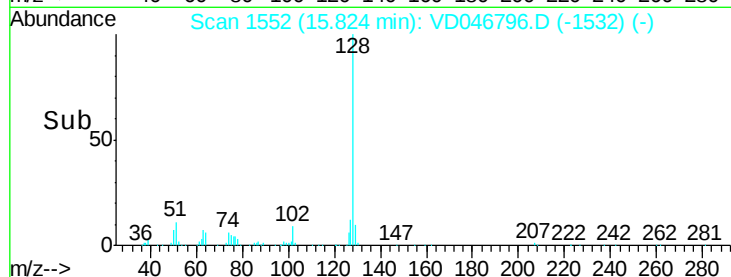
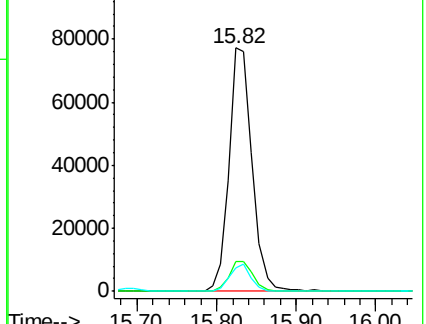
129 9.7 8.6 12.8



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: 61.93 ug/l

RT: 16.03 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VD046796.D

Acq: 18 Sep 2015 22:01

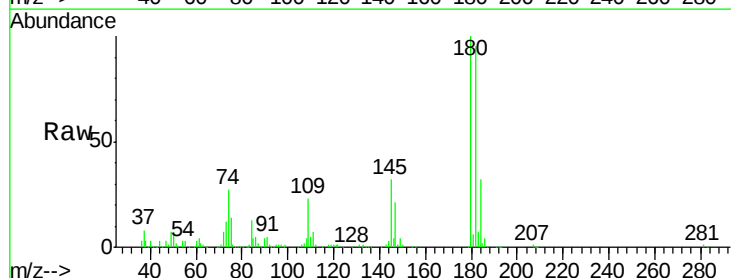
Tgt Ion:180 Resp: 100494

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 31.6 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

