

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059786.D
 Acq On : 15 Aug 2018 1:47
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 15 08:12:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 08:11:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	278293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	386851	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	312397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	169798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	361223	85.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	170.68%		
35) Dibromofluoromethane	5.54	113	332865	85.91	ug/l	0.00
Spiked Amount 50.000			Recovery =	171.82%		
50) Toluene-d8	8.70	98	779821	98.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	196.86%		
62) 4-Bromofluorobenzene	11.93	95	328921	85.00	ug/l	0.00
Spiked Amount 50.000			Recovery =	170.00%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	330614	82.45	ug/l	99
3) Chloromethane	1.48	50	192881	119.87	ug/l	98
4) Vinyl Chloride	1.55	62	217622	110.05	ug/l	97
5) Bromomethane	1.78	94	45746	56.07	ug/l	94
6) Chloroethane	1.87	64	65235	66.41	ug/l	97
7) Trichlorofluoromethane	2.07	101	282542	69.38	ug/l	100
8) Diethyl Ether	2.34	74	64463	97.11	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.54	101	170527	80.86	ug/l	96
10) Methyl Iodide	2.68	142	219817	96.43	ug/l	96
11) Tert butyl alcohol	3.26	59	54757	370.94	ug/l	98
12) 1,1-Dichloroethene	2.53	96	130184	86.00	ug/l	93
13) Acrolein	2.47	56	61889	644.68	ug/l	87
14) Allyl chloride	2.92	41	328983	97.15	ug/l	93
15) Acrylonitrile	3.35	53	232162	609.71	ug/l	95
16) Acetone	2.60	43	317220	474.87	ug/l	96
17) Carbon Disulfide	2.75	76	475395	94.38	ug/l	98
18) Methyl Acetate	2.93	43	119138	87.62	ug/l	99
19) Methyl tert-butyl Ether	3.40	73	590121	97.17	ug/l	100
20) Methylene Chloride	3.07	84	150735	76.03	ug/l	95
21) trans-1,2-Dichloroethene	3.38	96	239363	115.17	ug/l	99
22) Diisopropyl ether	4.07	45	851790	124.14	ug/l	99
23) Vinyl Acetate	4.01	43	2452871	548.61	ug/l	98
24) 1,1-Dichloroethane	3.97	63	504049	103.64	ug/l	100
25) 2-Butanone	4.84	43	495443	640.38	ug/l	100
26) 2,2-Dichloropropane	4.80	77	450309	82.38	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	264185	107.52	ug/l	96
28) Bromochloromethane	5.14	49	201826	113.94	ug/l	95
29) Tetrahydrofuran	5.18	42	202013	684.81	ug/l	98
30) Chloroform	5.32	83	590414	93.63	ug/l	97
31) Cyclohexane	5.58	56	339227	116.64	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	535378	84.03	ug/l	99
36) 1,1-Dichloropropene	5.74	75	366561	84.06	ug/l	96
37) Ethyl Acetate	4.92	43	206764	106.63	ug/l	98
38) Carbon Tetrachloride	5.72	117	457565	69.02	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
 Data File : VD059786.D
 Acq On : 15 Aug 2018 1:47
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 15 08:12:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 15 08:11:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.28	83	335847	100.53	ug/l	94
40) Benzene	6.01	78	796216	100.76	ug/l	99
41) Methacrylonitrile	5.12	41	107472	113.85	ug/l	97
42) 1,2-Dichloroethane	6.12	62	456703	78.33	ug/l	97
43) Isopropyl Acetate	7.61	43	270911	110.01	ug/l #	94
44) Trichloroethene	6.97	130	276965	90.27	ug/l	94
45) 1,2-Dichloropropane	7.34	63	225133	110.46	ug/l	99
46) Dibromomethane	7.45	93	183071	90.02	ug/l	90
47) Bromodichloromethane	7.74	83	438282	82.30	ug/l	97
48) Methyl methacrylate	7.50	41	178005	100.74	ug/l	98
49) 1,4-Dioxane	7.49	88	34131	2712.52	ug/l	87
51) 4-Methyl-2-Pentanone	8.59	43	1035785	546.71	ug/l	98
52) Toluene	8.80	92	513674	100.94	ug/l	97
53) t-1,3-Dichloropropene	9.18	75	370025	86.08	ug/l	96
54) cis-1,3-Dichloropropene	8.36	75	404255	94.64	ug/l	99
55) 1,1,2-Trichloroethane	9.45	97	187406	94.92	ug/l	94
56) Ethyl methacrylate	9.31	69	228404	101.51	ug/l	97
57) 1,3-Dichloropropane	9.67	76	299685	92.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.19	63	505783	489.57	ug/l	97
59) 2-Hexanone	9.78	43	777421	557.37	ug/l	99
60) Dibromochloromethane	9.96	129	302600	83.26	ug/l	97
61) 1,2-Dibromoethane	10.09	107	220621	91.79	ug/l	99
64) Tetrachloroethene	9.51	164	269513	90.24	ug/l	96
65) Chlorobenzene	10.72	112	607541	96.10	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.85	131	245265	79.46	ug/l	98
67) Ethyl Benzene	10.86	91	1008522	86.32	ug/l	96
68) m/p-Xylenes	11.01	106	721033	188.42	ug/l	90
69) o-Xylene	11.41	106	343852	93.00	ug/l	86
70) Styrene	11.43	104	596843	97.40	ug/l	97
71) Bromoform	11.59	173	210017	91.09	ug/l #	95
73) Isopropylbenzene	11.77	105	1053421	92.31	ug/l	100
74) N-amyl acetate	11.64	43	360908	109.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	214185	101.34	ug/l	98
76) 1,2,3-Trichloropropane	12.12	75	239254	97.64	ug/l	98
77) Bromobenzene	12.04	156	292531	87.71	ug/l	80
78) n-propylbenzene	12.15	91	1231596	88.53	ug/l	99
79) 2-Chlorotoluene	12.21	91	777506	88.49	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	789007	80.58	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.84	75	66453	117.15	ug/l	90
82) 4-Chlorotoluene	12.32	91	789736	77.10	ug/l	96
83) tert-Butylbenzene	12.58	119	917296	85.84	ug/l	92
84) 1,2,4-Trimethylbenzene	12.63	105	883789	87.35	ug/l	99
85) sec-Butylbenzene	12.76	105	1062482	92.60	ug/l	99
86) p-Isopropyltoluene	12.88	119	881589	85.99	ug/l	95
87) 1,3-Dichlorobenzene	12.84	146	531039	94.12	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	518623	91.19	ug/l	95
89) n-Butylbenzene	13.20	91	821906	80.34	ug/l	97
90) Hexachloroethane	13.39	117	244107	92.76	ug/l	76
91) 1,2-Dichlorobenzene	13.19	146	403871	83.57	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	13.77	75	43031	85.96	ug/l	83

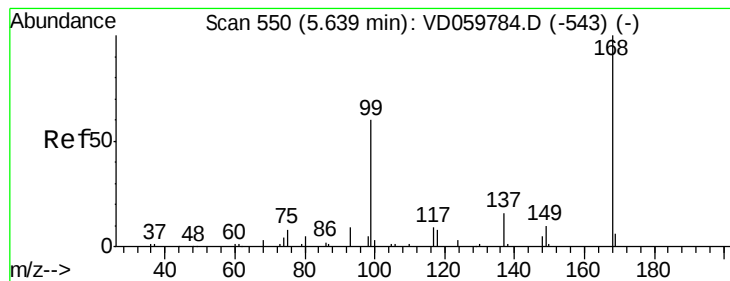
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081518\
Data File : VD059786.D
Acq On : 15 Aug 2018 1:47
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Quant Time: Aug 15 08:12:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D081518S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 15 08:11:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	369392	82.27	ug/l	97
94) Hexachlorobutadiene	14.44	225	266363	72.42	ug/l	98
95) Naphthalene	14.52	128	591307	96.51	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	332982	86.85	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

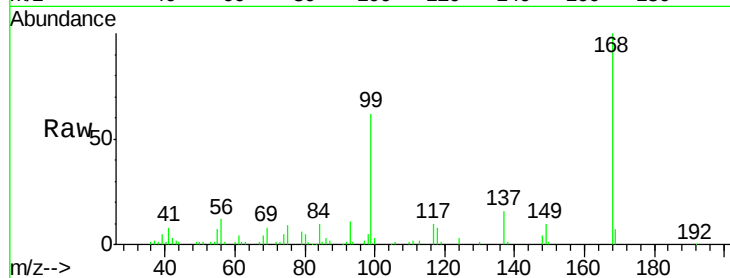
VSTDIC100

Tot Ion:168 Resp: 278293

Ion Ratio Lower Upper

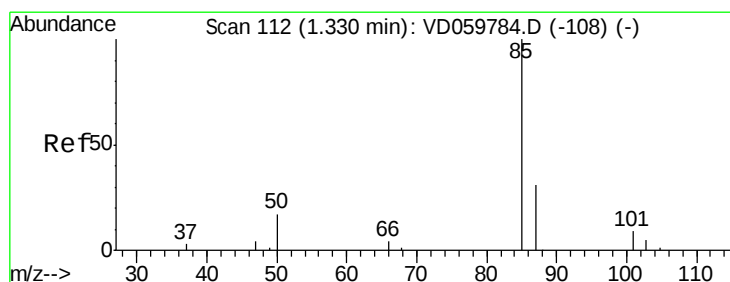
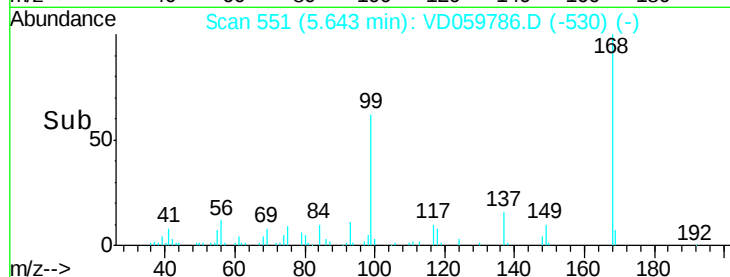
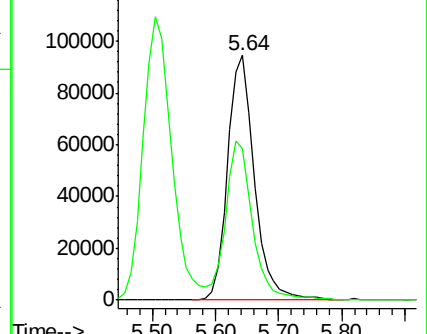
168 100

99 61.9 50.3 75.5



Abundance Ion 167.90 (167.60 to 168.60):

Ion 98.95 (98.65 to 99.65): VD



#2

Dichlorodifluoromethane

Concen: 82.45 ug/l

RT: 1.33 min Scan# 113

Delta R.T. 0.00 min

Lab File: VD059786.D

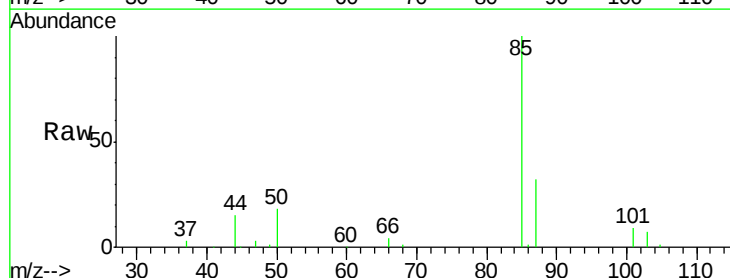
Acq: 15 Aug 2018 1:47

Tgt Ion: 85 Resp: 330614

Ion Ratio Lower Upper

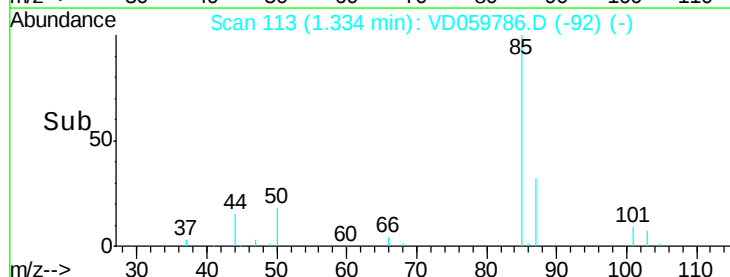
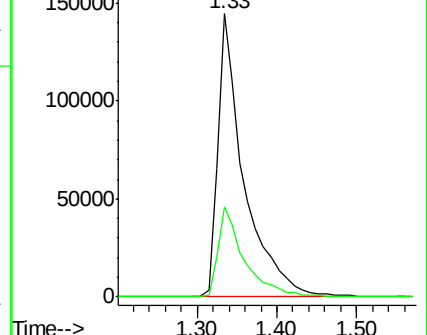
85 100

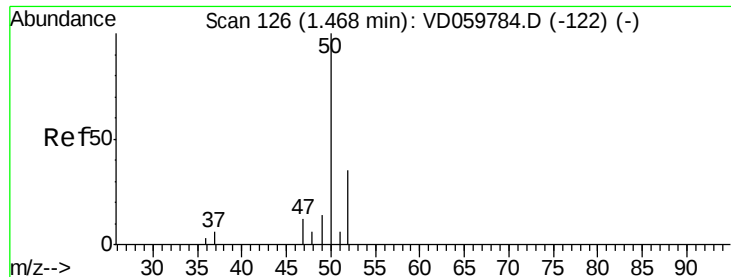
87 31.8 15.7 47.1



Abundance Ion 84.95 (84.65 to 85.65): VD

Ion 86.90 (86.60 to 87.60): VD





#3

Chloromethane

Concen: 119.87 ug/l

RT: 1.48 min Scan# 128

Delta R.T. 0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

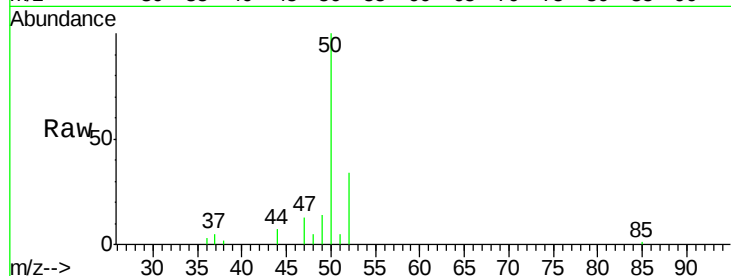
VSTDIC100

Tot Ion: 50 Resp: 192881

Ion Ratio Lower Upper

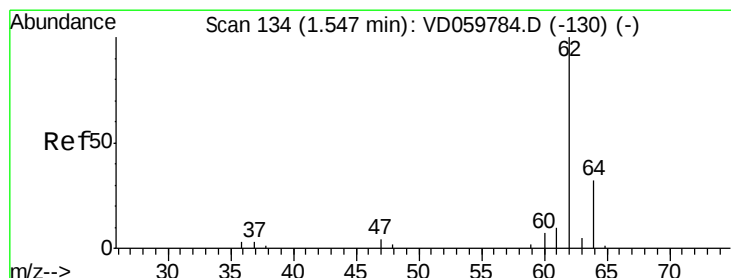
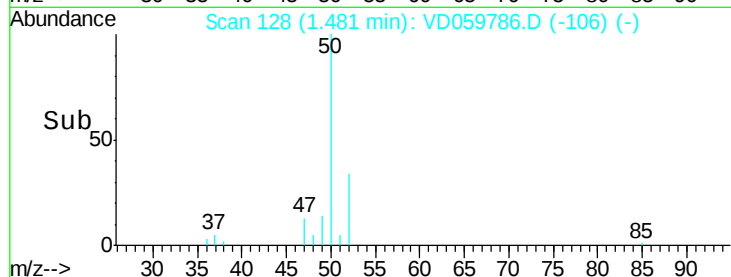
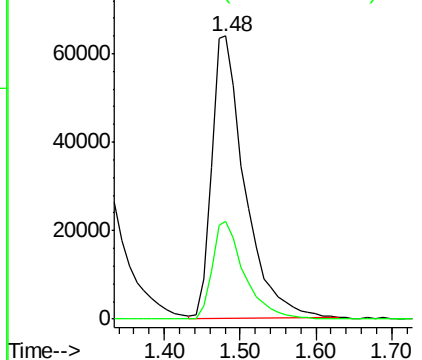
50 100

52 34.4 28.4 42.6



Abundance Ion 49.90 (49.60 to 50.60): VD

Ion 51.90 (51.60 to 52.60): VD



#4

Vinyl Chloride

Concen: 110.05 ug/l

RT: 1.55 min Scan# 135

Delta R.T. 0.00 min

Lab File: VD059786.D

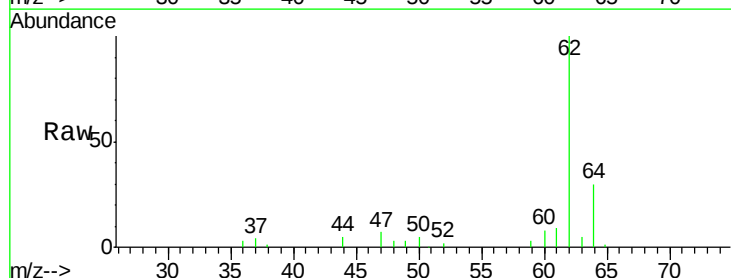
Acq: 15 Aug 2018 1:47

Tgt Ion: 62 Resp: 217622

Ion Ratio Lower Upper

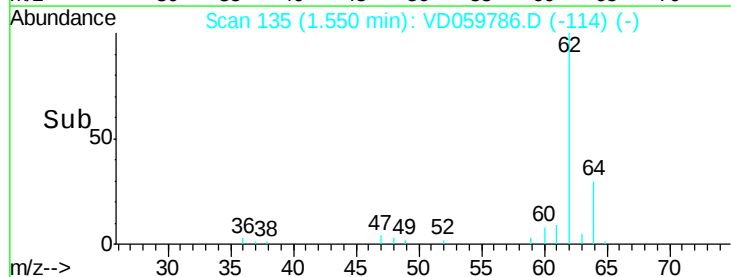
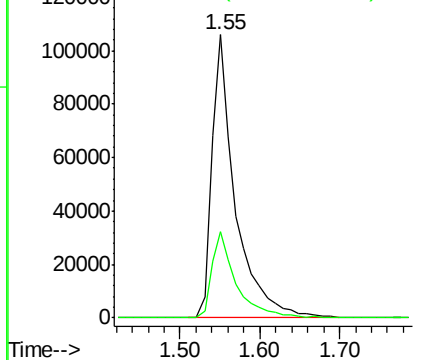
62 100

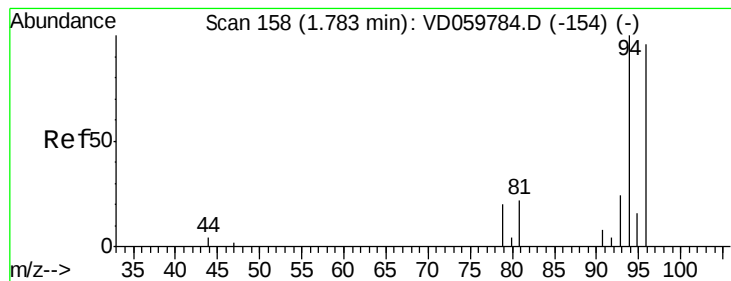
64 30.3 25.5 38.3



Abundance Ion 61.95 (61.65 to 62.65): VD

Ion 63.95 (63.65 to 64.65): VD





#5

Bromomethane

Concen: 56.07 ug/l

RT: 1.78 min Scan# 158

Delta R.T. -0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

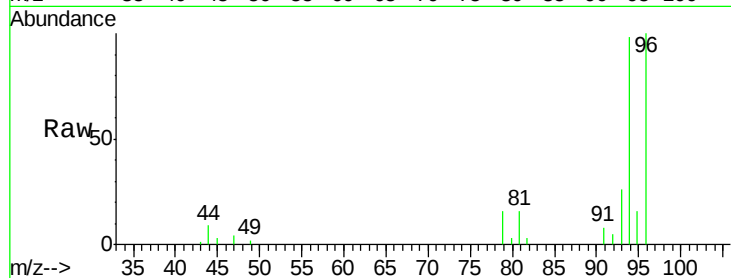
VSTDIC100

Tot Ion: 94 Resp: 45746

Ion Ratio Lower Upper

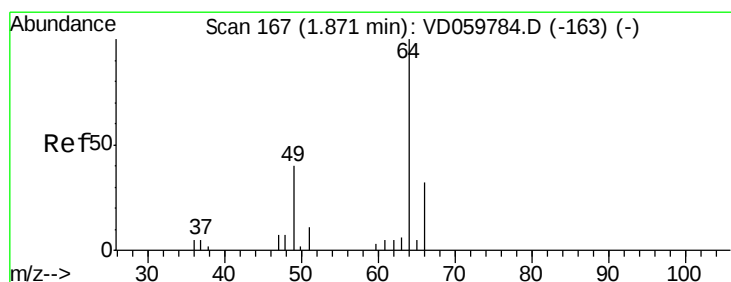
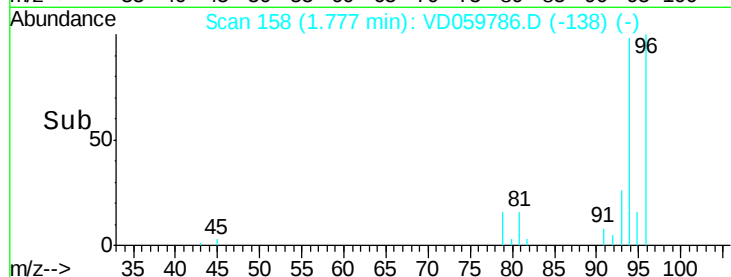
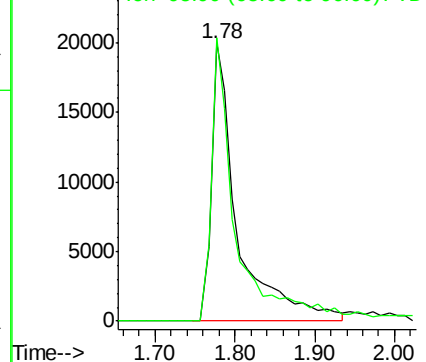
94 100

96 101.9 76.7 115.1



Abundance Ion 93.90 (93.60 to 94.60): VD

Ion 95.90 (95.60 to 96.60): VD



#6

Chloroethane

Concen: 66.41 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.01 min

Lab File: VD059786.D

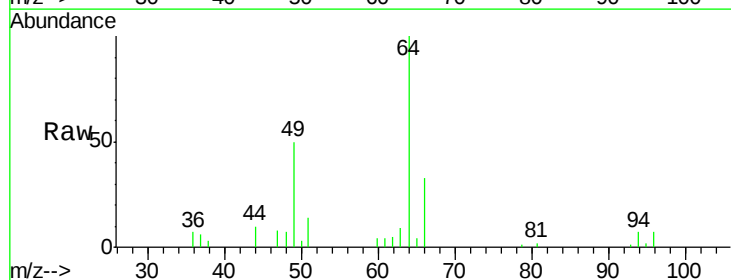
Acq: 15 Aug 2018 1:47

Tgt Ion: 64 Resp: 65235

Ion Ratio Lower Upper

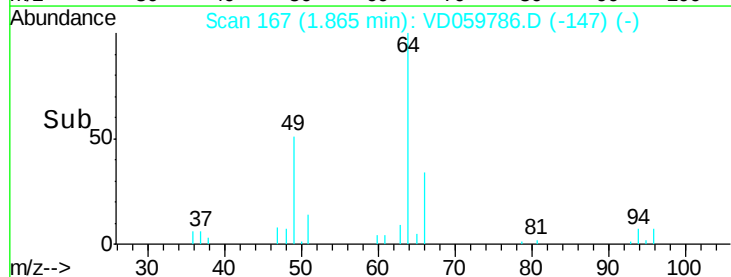
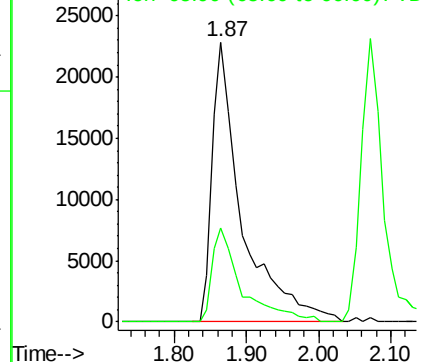
64 100

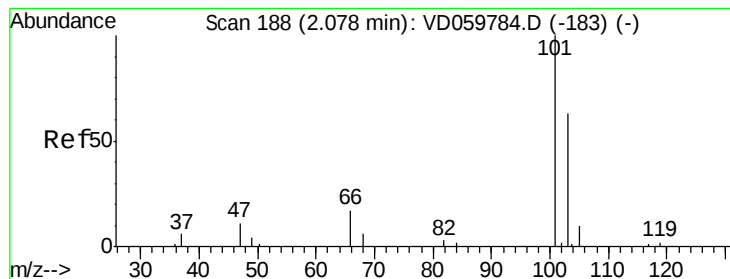
66 33.5 25.4 38.2



Abundance Ion 63.95 (63.65 to 64.65): VD

Ion 65.90 (65.60 to 66.60): VD



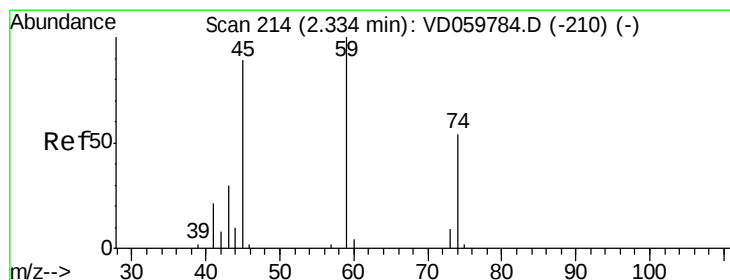
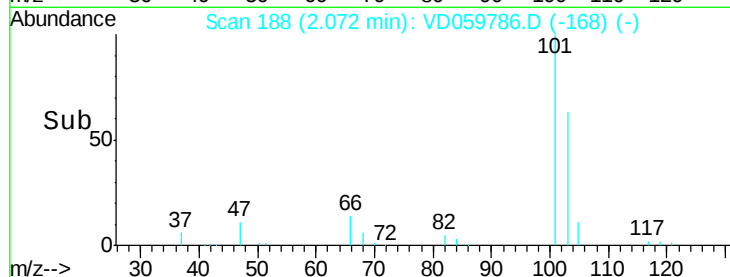
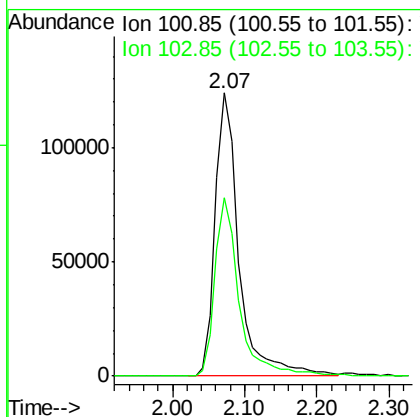
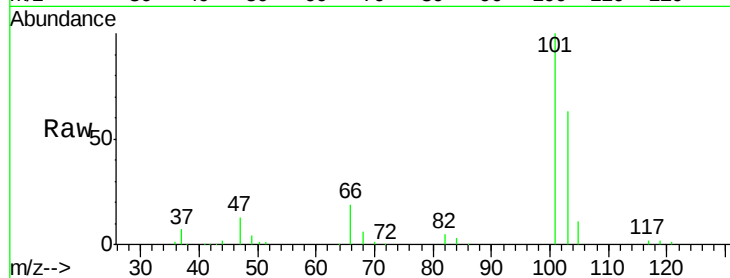


#7

Trichlorofluoromethane
 Concen: 69.38 ug/l
 RT: 2.07 min Scan# 188
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

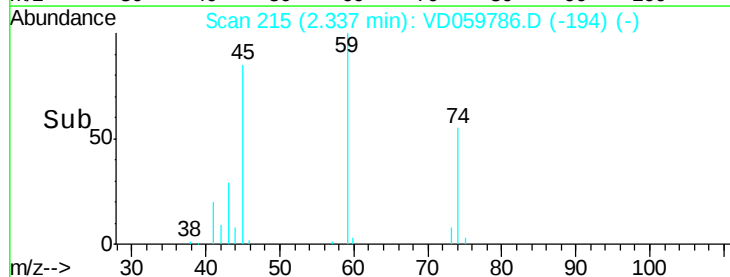
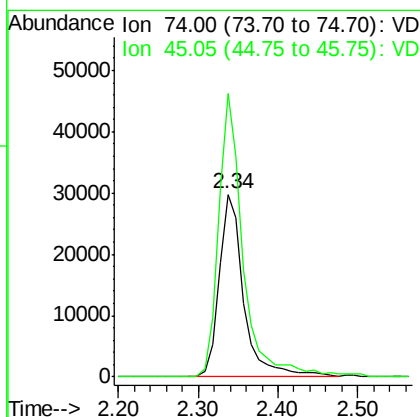
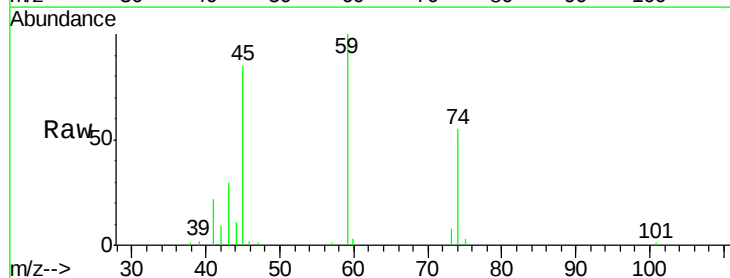
Tot Ion:101 Resp: 282542
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.4 75.6

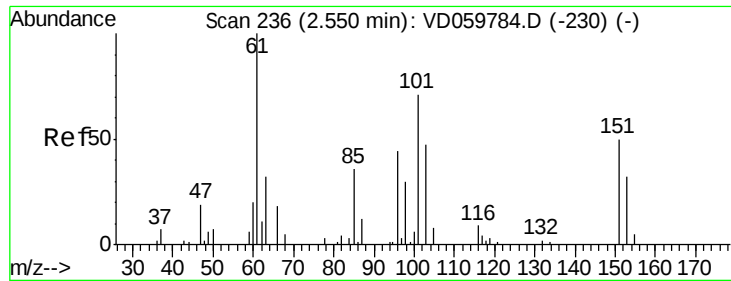


#8

Diethyl Ether
 Concen: 97.11 ug/l
 RT: 2.34 min Scan# 215
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 74 Resp: 64463
 Ion Ratio Lower Upper
 74 100
 45 155.0 81.6 244.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 80.86 ug/l

RT: 2.54 min Scan# 236

Delta R.T. -0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

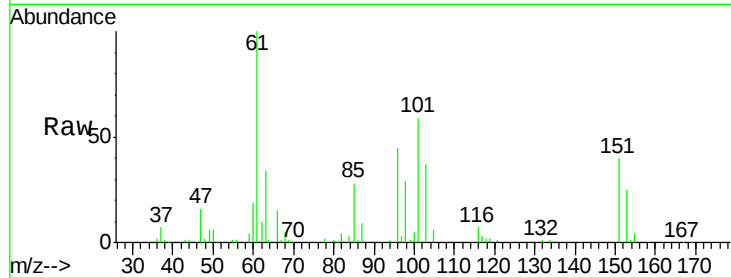
Tot Ion:101 Resp: 170527

Ion Ratio Lower Upper

101 100

85 48.1 40.6 61.0

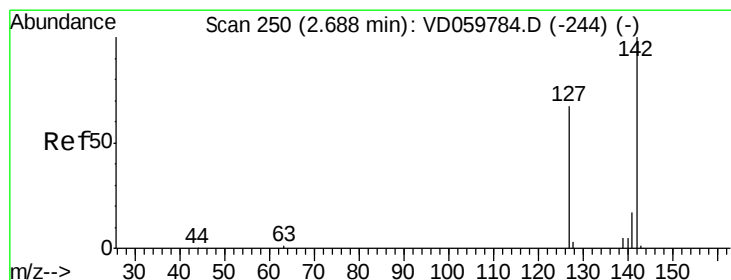
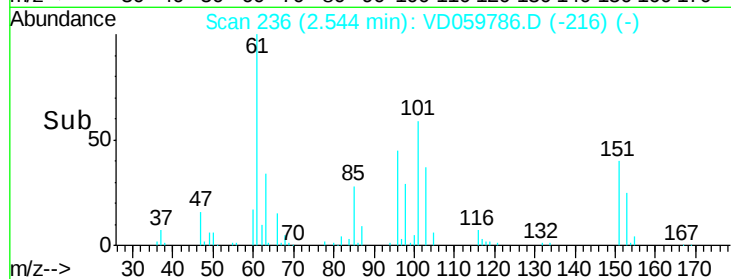
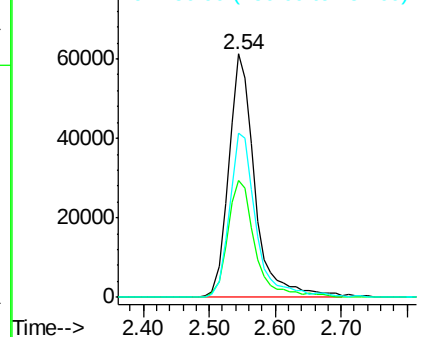
151 67.5 57.1 85.7



Abundance Ion 100.85 (100.55 to 101.55):

Ion 84.95 (84.65 to 85.65): VD

Ion 150.90 (150.60 to 151.60):



#10

Methyl Iodide

Concen: 96.43 ug/l

RT: 2.68 min Scan# 250

Delta R.T. -0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

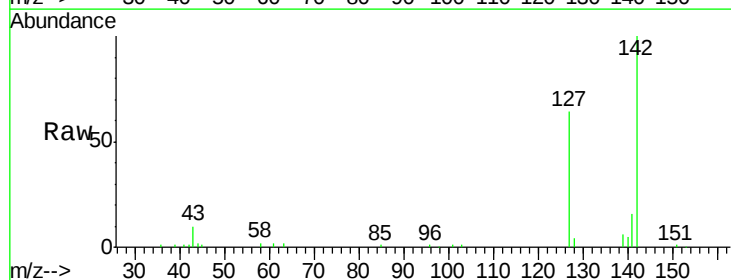
Tgt Ion:142 Resp: 219817

Ion Ratio Lower Upper

142 100

127 64.1 54.0 81.0

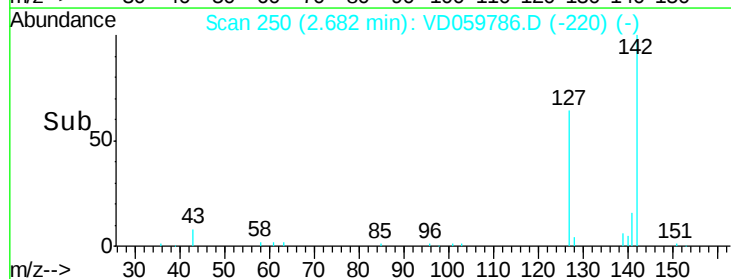
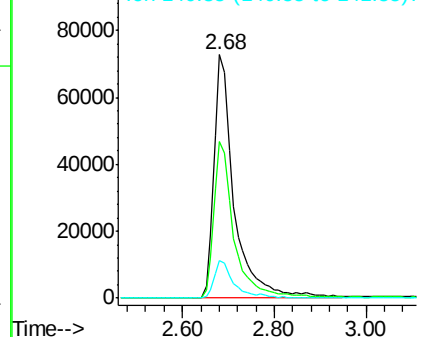
141 15.6 13.3 19.9

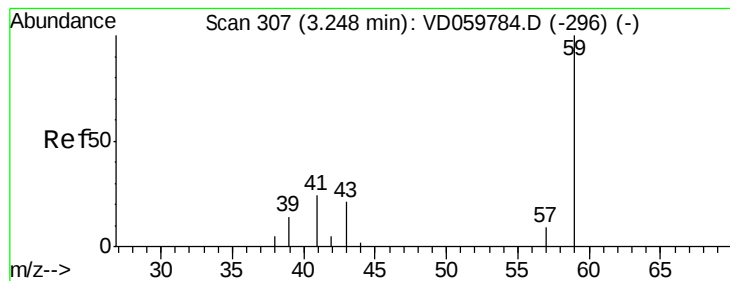


Abundance Ion 141.85 (141.55 to 142.55):

Ion 126.80 (126.50 to 127.50):

Ion 140.85 (140.55 to 141.55):



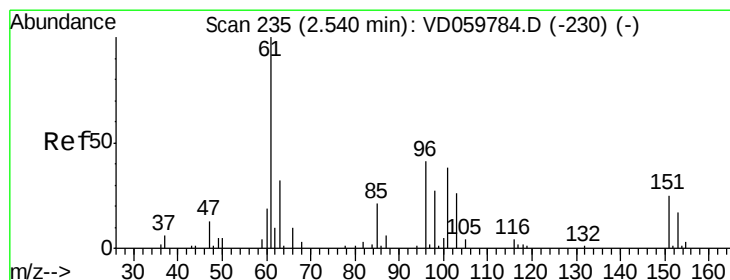
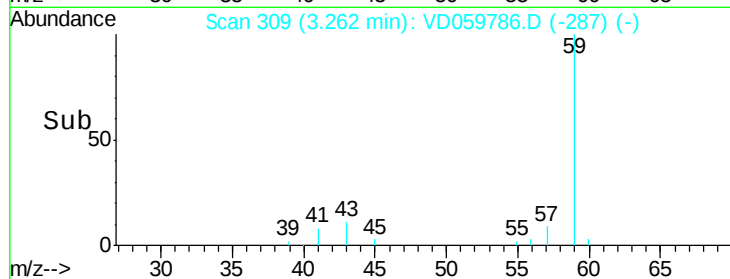
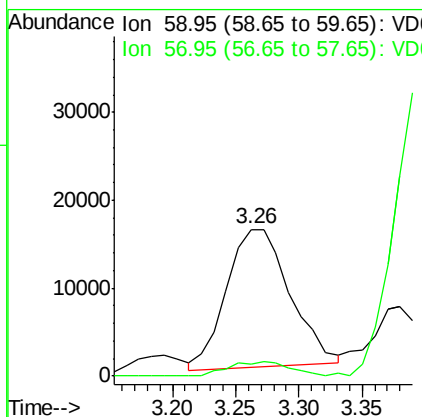
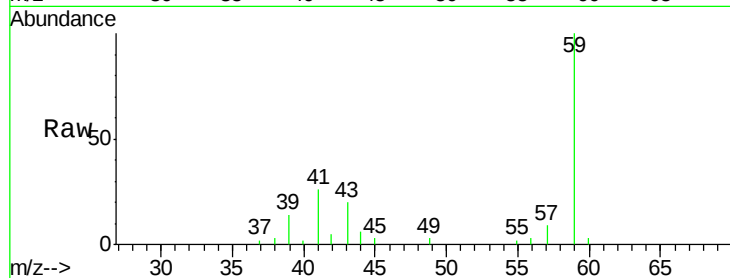


#11

Tert butyl alcohol
 Concen: 370.94 ug/l
 RT: 3.26 min Scan# 309
 Delta R.T. 0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

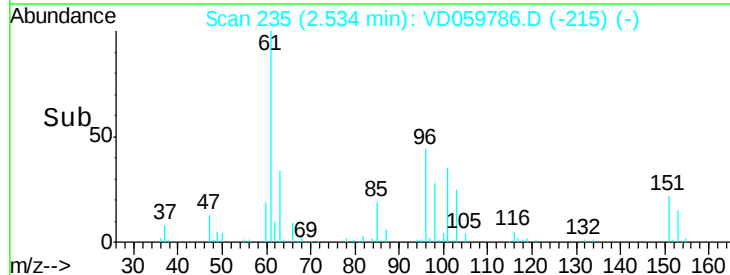
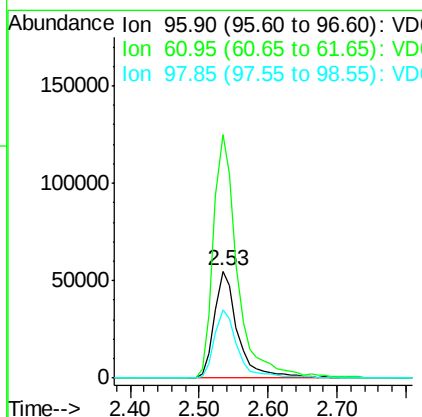
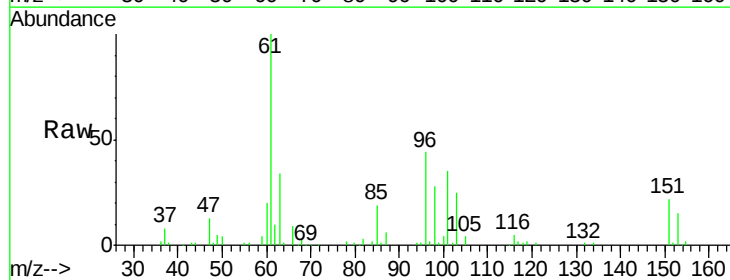
Tot Ion: 59 Resp: 54757
 Ion Ratio Lower Upper
 59 100
 57 8.6 7.5 11.3

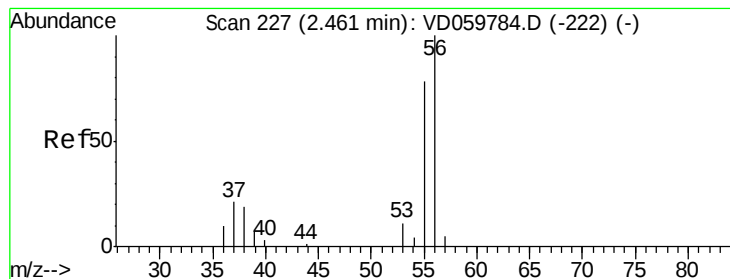


#12

1,1-Dichloroethene
 Concen: 86.00 ug/l
 RT: 2.53 min Scan# 235
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 96 Resp: 130184
 Ion Ratio Lower Upper
 96 100
 61 227.7 194.1 291.1
 98 63.9 52.3 78.5





#13

Acrolein

Concen: 644.68 ug/l

RT: 2.47 min Scan# 228

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

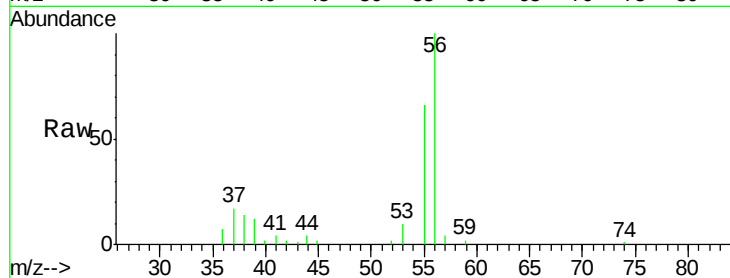
VSTDIC100

Tot Ion: 56 Resp: 61889

Ion Ratio Lower Upper

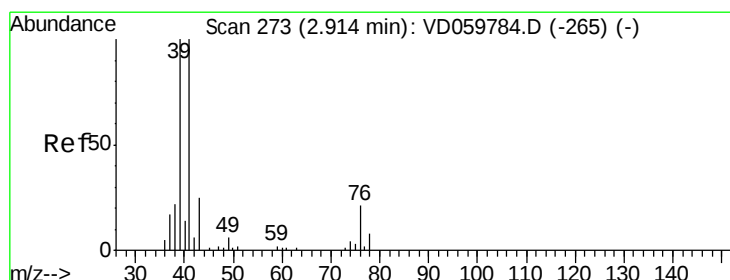
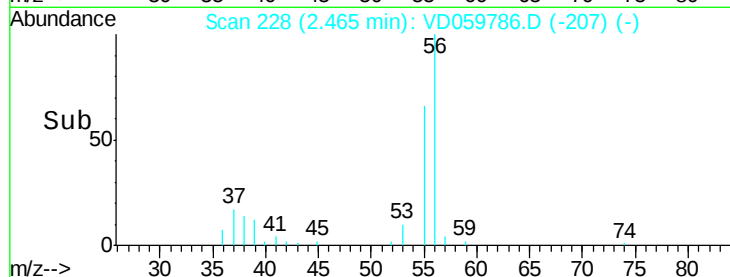
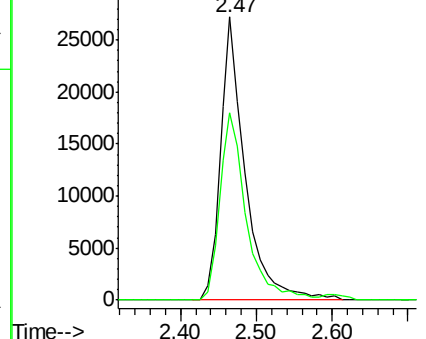
56 100

55 66.0 62.2 93.2



Abundance Ion 55.95 (55.65 to 56.65): VD

Ion 55.00 (54.70 to 55.70): VD



#14

Allyl chloride

Concen: 97.15 ug/l

RT: 2.92 min Scan# 274

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

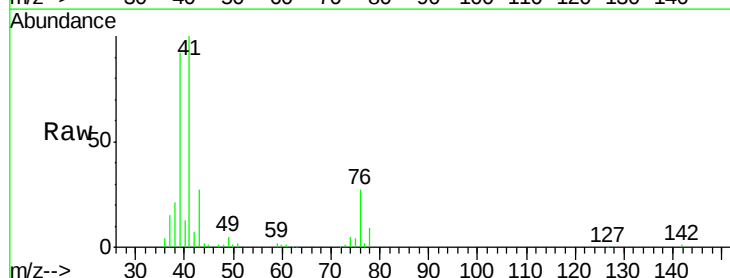
Tgt Ion: 41 Resp: 328983

Ion Ratio Lower Upper

41 100

39 91.6 79.8 119.6

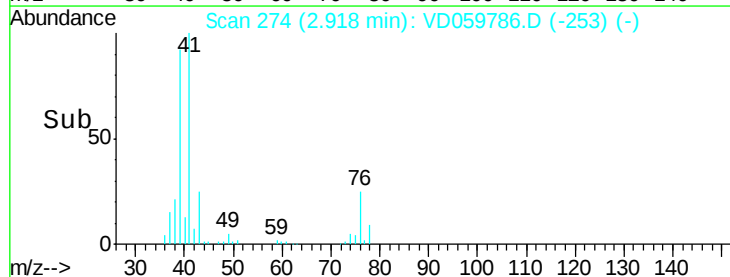
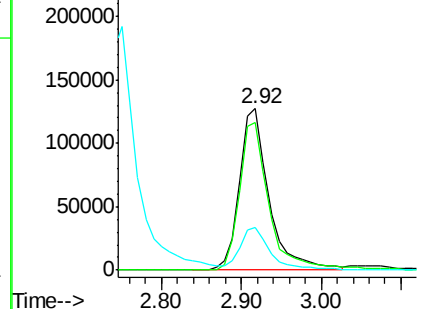
76 26.7 20.4 30.6

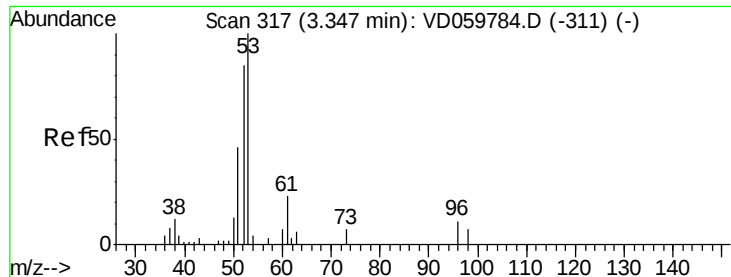


Abundance Ion 41.05 (40.75 to 41.75): VD

Ion 38.95 (38.65 to 39.65): VD

Ion 75.95 (75.65 to 76.65): VD





#15

Acrylonitrile

Concen: 609.71 ug/l

RT: 3.35 min Scan# 318

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

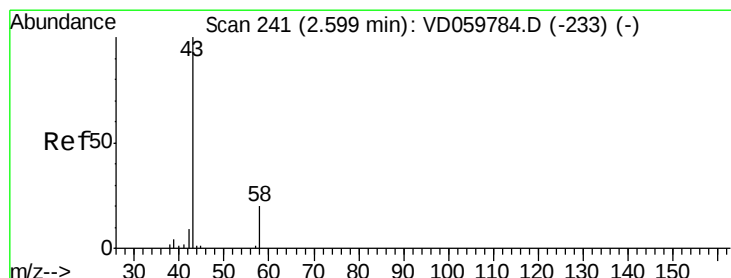
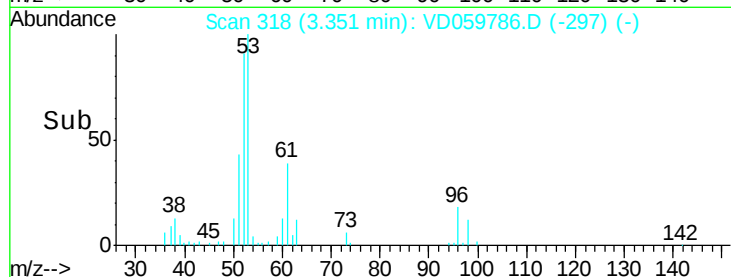
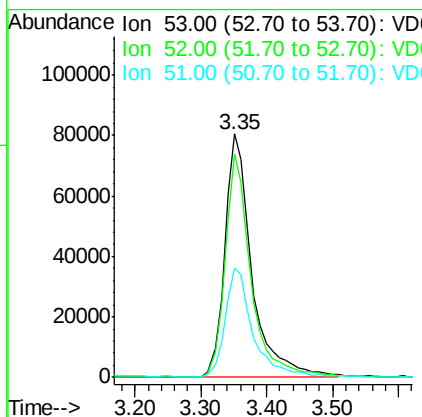
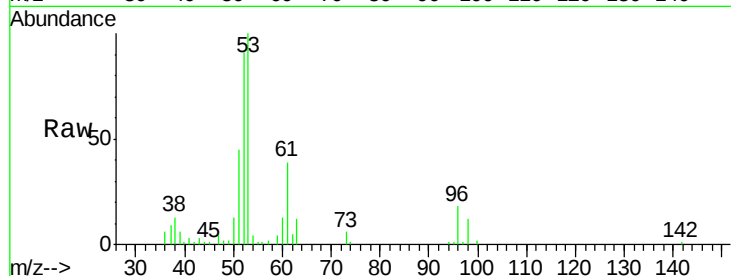
Tot Ion: 53 Resp: 232162

Ion Ratio Lower Upper

53 100

52 91.4 68.2 102.2

51 44.6 36.6 54.8



#16

Acetone

Concen: 474.87 ug/l

RT: 2.60 min Scan# 242

Delta R.T. 0.00 min

Lab File: VD059786.D

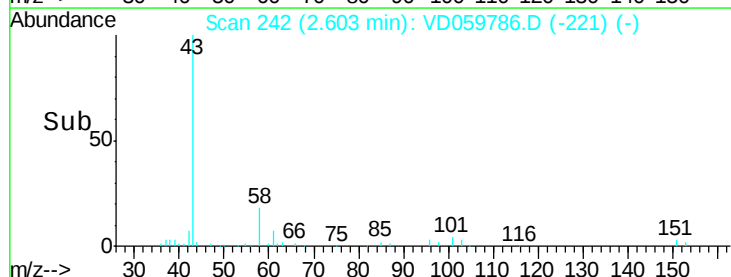
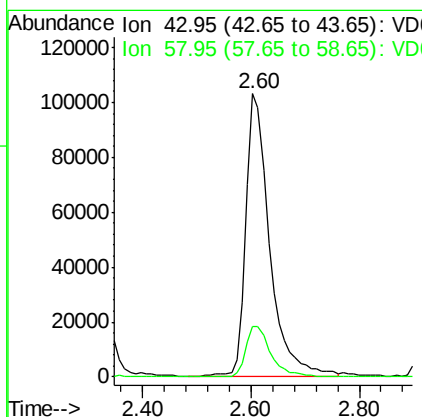
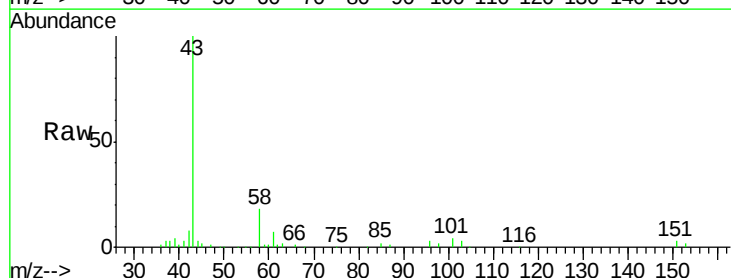
Acq: 15 Aug 2018 1:47

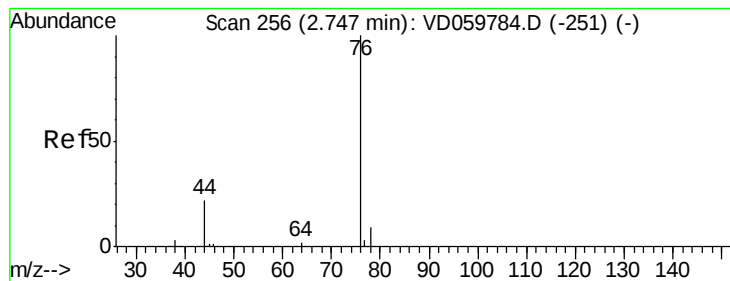
Tgt Ion: 43 Resp: 317220

Ion Ratio Lower Upper

43 100

58 17.9 15.7 23.5





#17

Carbon Disulfide

Concen: 94.38 ug/l

RT: 2.75 min Scan# 257

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

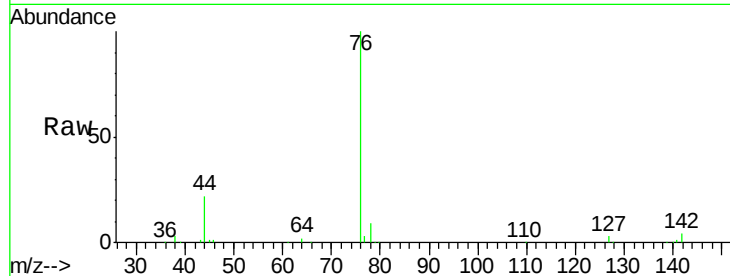
VSTDIC100

Tot Ion: 76 Resp: 475395

Ion Ratio Lower Upper

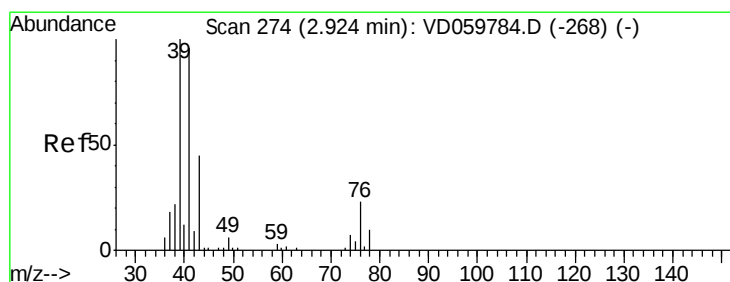
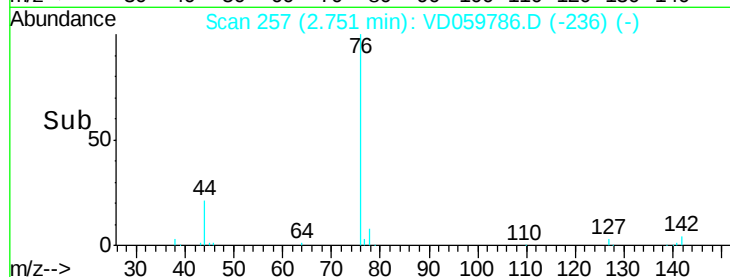
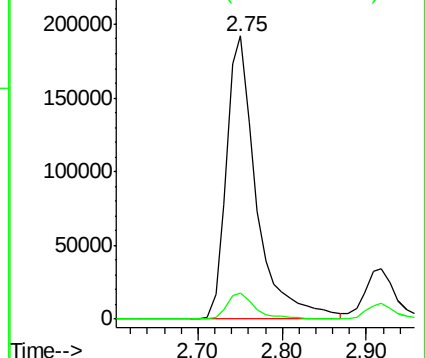
76 100

78 9.2 6.9 10.3



Abundance Ion 75.85 (75.55 to 76.55): VD

Ion 77.85 (77.55 to 78.55): VD



#18

Methyl Acetate

Concen: 87.62 ug/l

RT: 2.93 min Scan# 275

Delta R.T. 0.00 min

Lab File: VD059786.D

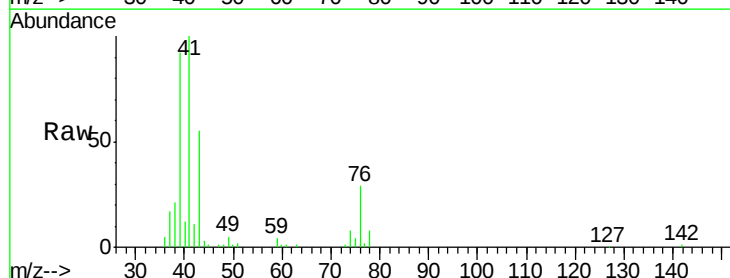
Acq: 15 Aug 2018 1:47

Tgt Ion: 43 Resp: 119138

Ion Ratio Lower Upper

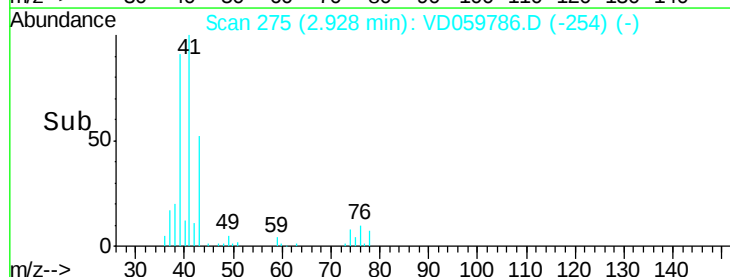
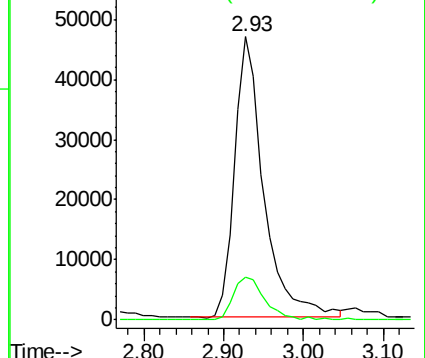
43 100

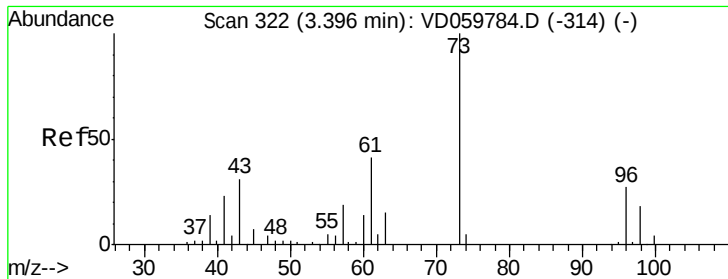
74 15.2 12.4 18.6



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 74.00 (73.70 to 74.70): VD

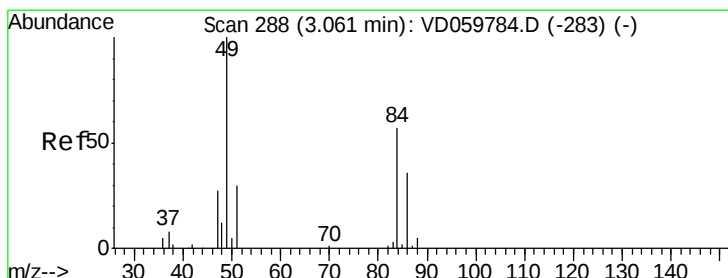
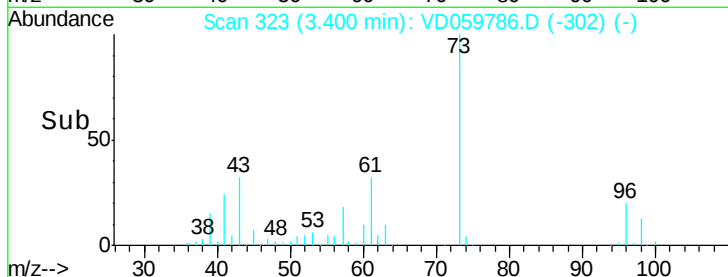
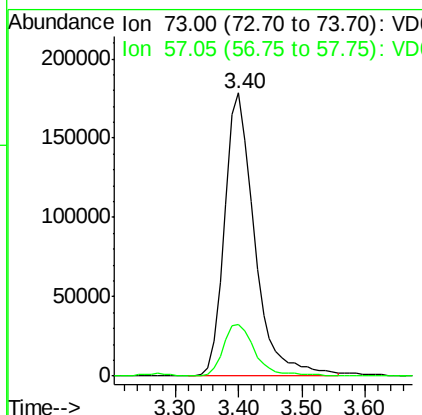
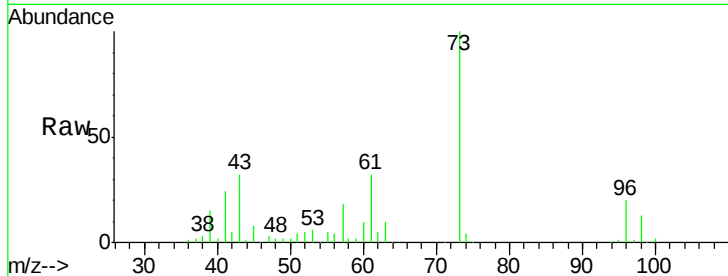




#19
Methvl tert-butvl Ether
Concen: 97.17 ug/l
RT: 3.40 min Scan# 323
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

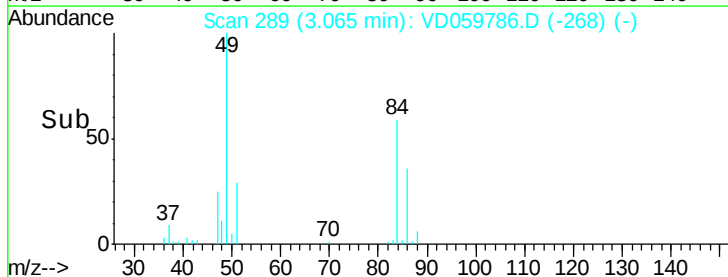
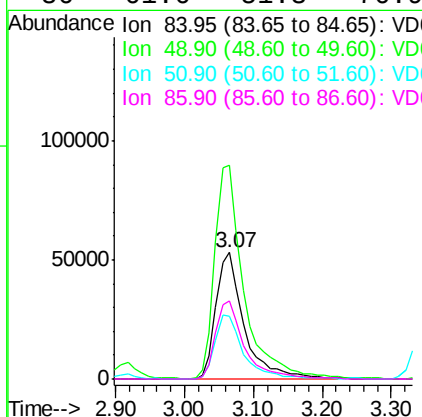
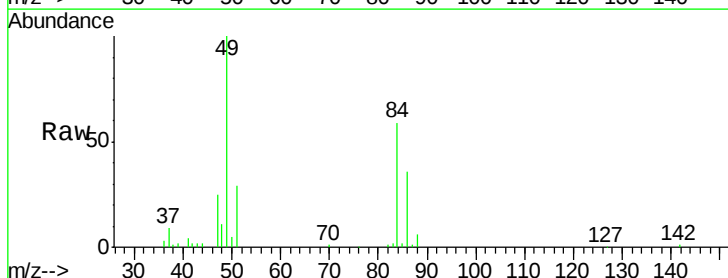
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

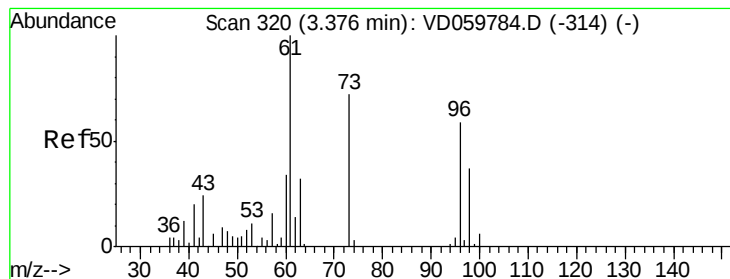
Tot Ion: 73 Resp: 590121
Ion Ratio Lower Upper
73 100
57 18.3 14.8 22.2



#20
Methylene Chloride
Concen: 76.03 ug/l
RT: 3.07 min Scan# 289
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion: 84 Resp: 150735
Ion Ratio Lower Upper
84 100
49 168.9 140.9 211.3
51 49.2 42.8 64.2
86 61.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 115.17 ug/l

RT: 3.38 min Scan# 321

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

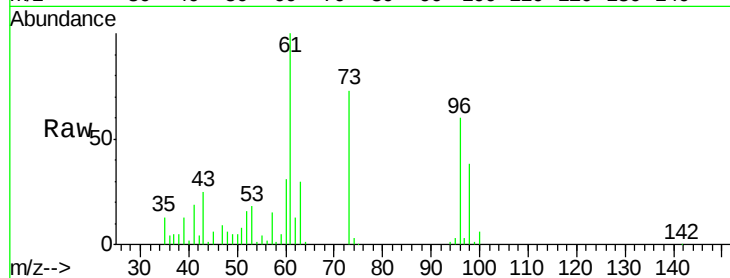
Tot Ion: 96 Resp: 239363

Ion Ratio Lower Upper

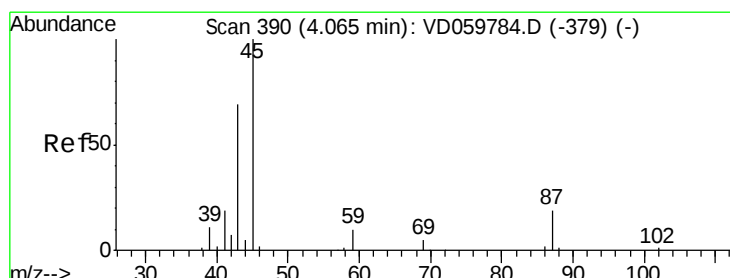
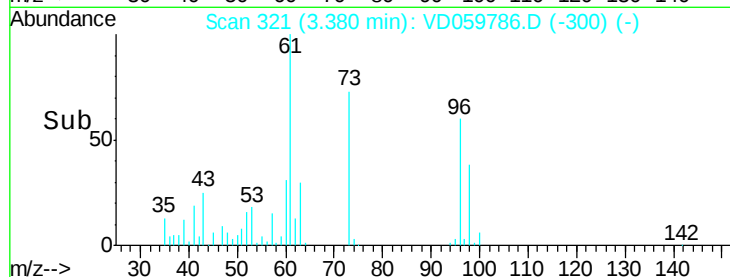
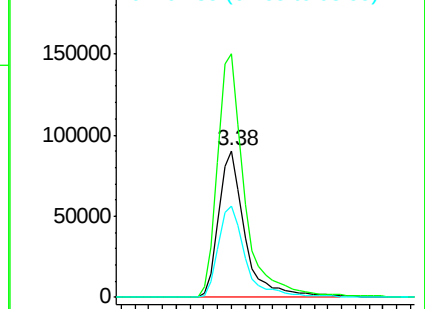
96 100

61 165.8 134.8 202.2

98 62.6 50.0 75.0



Abundance Ion 95.90 (95.60 to 96.60): VD
Ion 60.95 (60.65 to 61.65): VD
Ion 97.85 (97.55 to 98.55): VD



#22

Diisopropyl ether

Concen: 124.14 ug/l

RT: 4.07 min Scan# 391

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Tgt Ion: 45 Resp: 851790

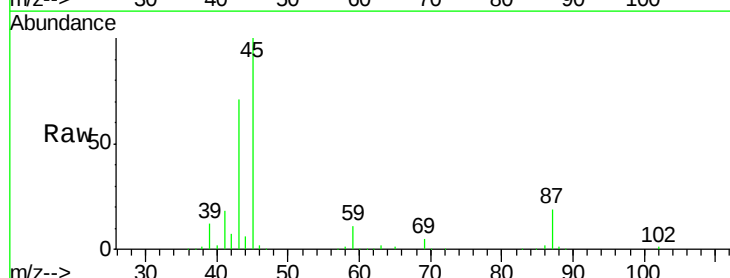
Ion Ratio Lower Upper

45 100

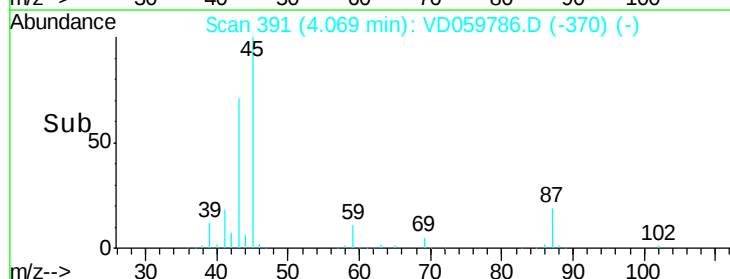
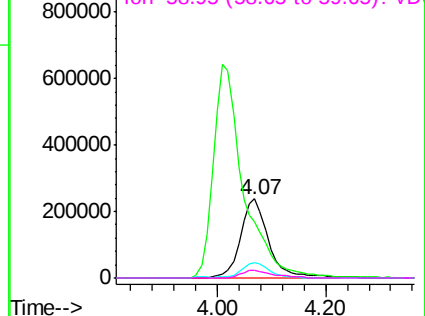
43 70.9 57.5 86.3

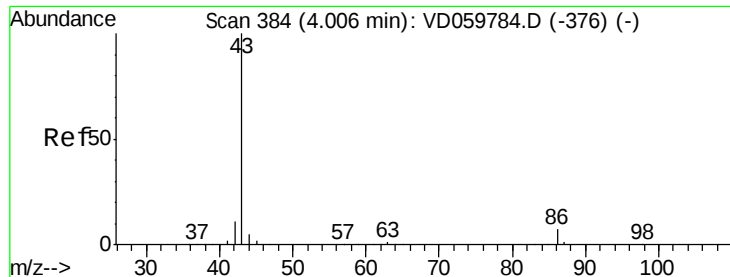
87 19.3 16.1 24.1

59 10.6 8.4 12.6



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





#23

Vinyl Acetate

Concen: 548.61 ug/l

RT: 4.01 min Scan# 385

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

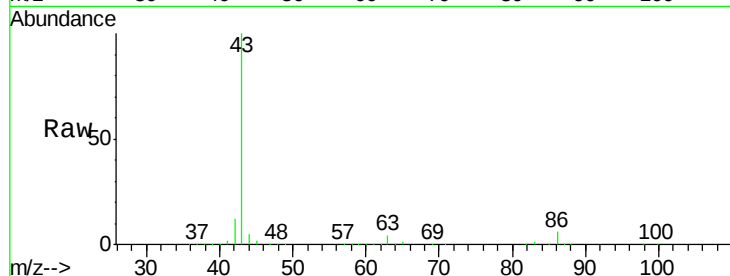
VSTDIC100

Tot Ion: 43 Resp: 2452871

Ion Ratio Lower Upper

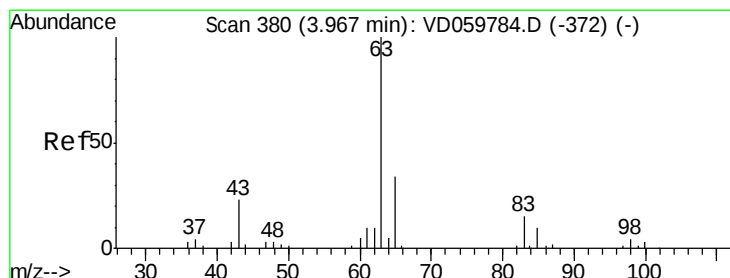
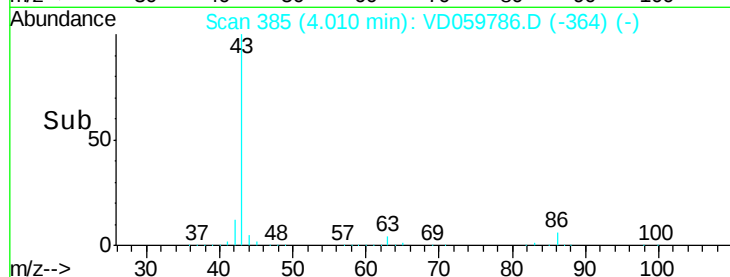
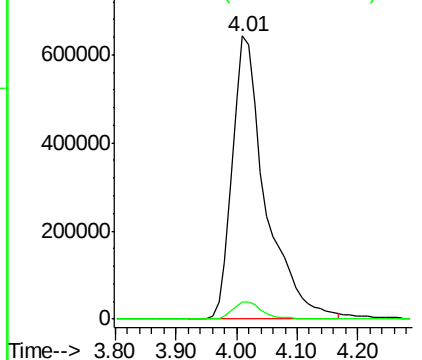
43 100

86 5.9 5.4 8.0



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 86.00 (85.70 to 86.70): VD



#24

1,1-Dichloroethane

Concen: 103.64 ug/l

RT: 3.97 min Scan# 381

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

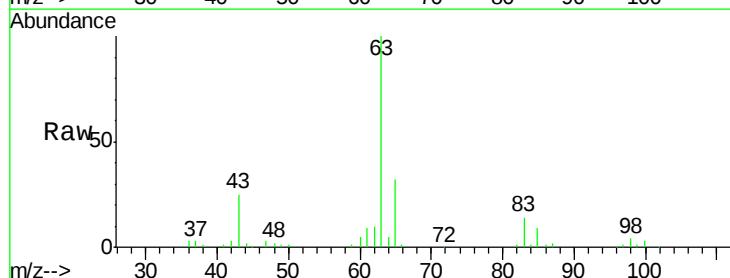
Tgt Ion: 63 Resp: 504049

Ion Ratio Lower Upper

63 100

98 4.3 2.2 6.6

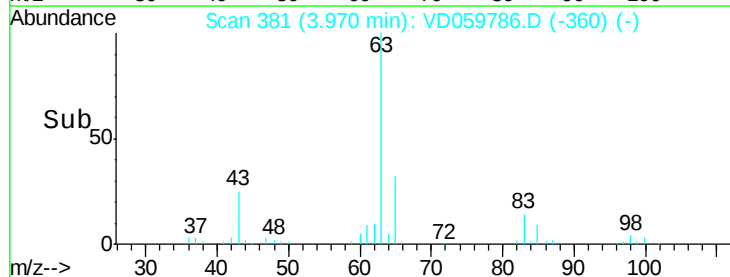
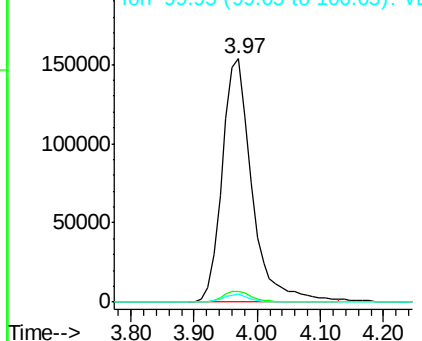
100 3.2 1.6 4.7

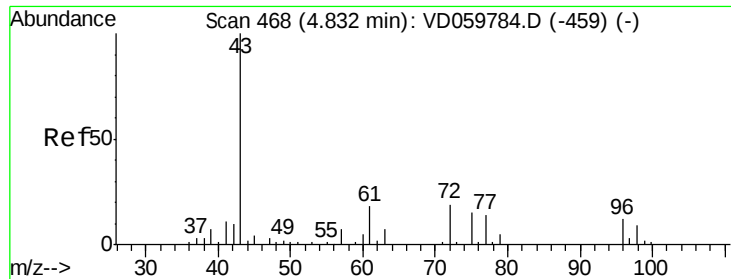


Abundance Ion 62.95 (62.65 to 63.65): VD

Ion 97.95 (97.65 to 98.65): VD

Ion 99.95 (99.65 to 100.65): VD





#25

2-Butanone

Concen: 640.38 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

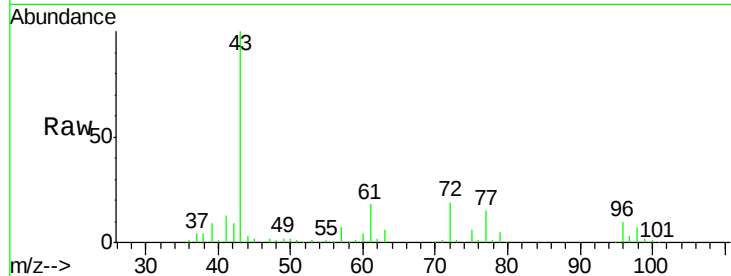
VSTDIC100

Tot Ion: 43 Resp: 495443

Ion Ratio Lower Upper

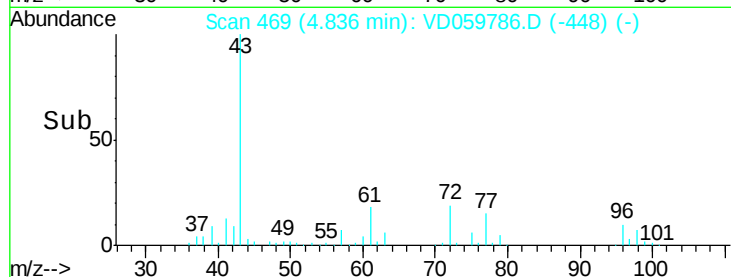
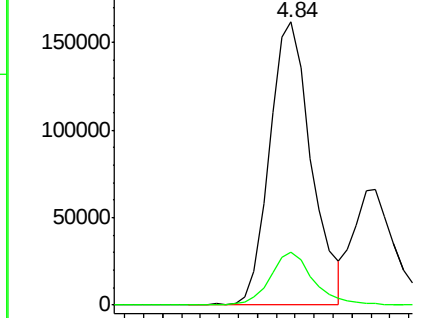
43 100

72 18.7 14.9 22.3

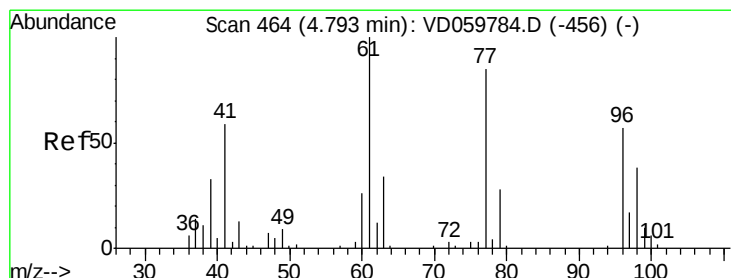


Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 72.00 (71.70 to 72.70): VD



Time-->



#26

2,2-Dichloropropane

Concen: 82.38 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.00 min

Lab File: VD059786.D

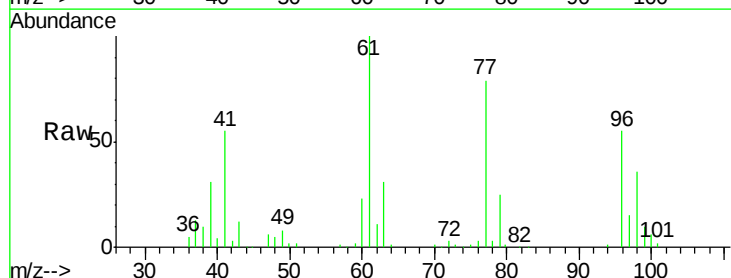
Acq: 15 Aug 2018 1:47

Tgt Ion: 77 Resp: 450309

Ion Ratio Lower Upper

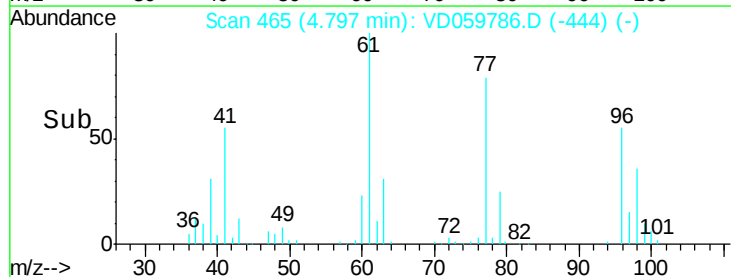
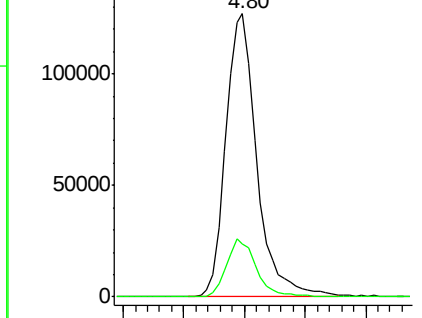
77 100

97 18.9 10.3 30.8

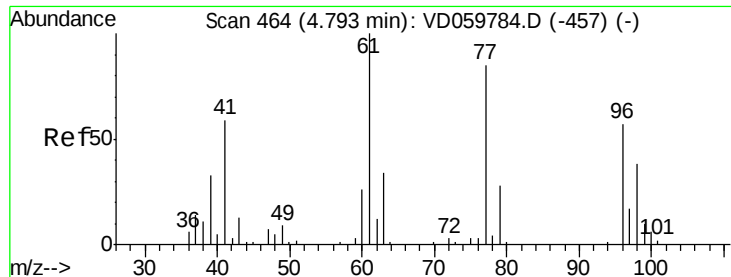


Abundance Ion 76.95 (76.65 to 77.65): VD

Ion 96.85 (96.55 to 97.55): VD



Time-->



#27

cis-1,2-Dichloroethene

Concen: 107.52 ug/l

RT: 4.80 min Scan# 465

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

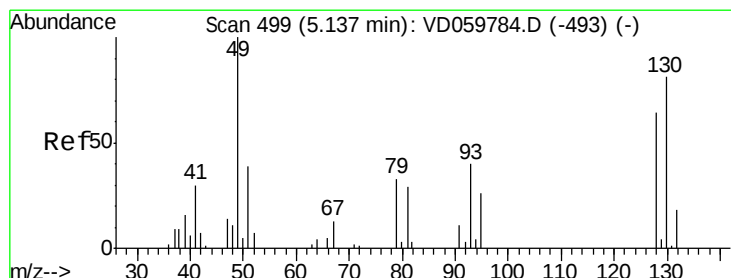
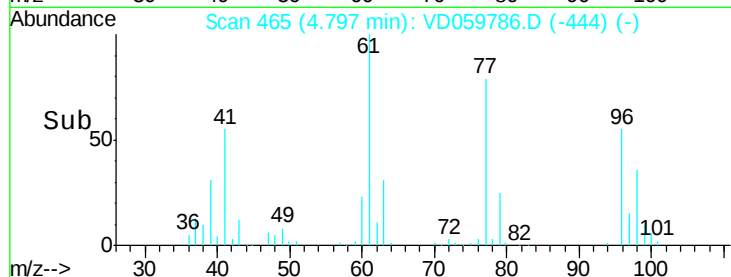
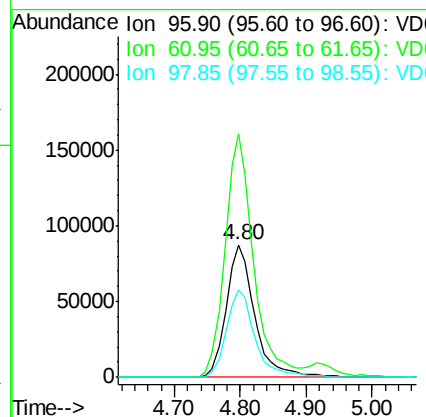
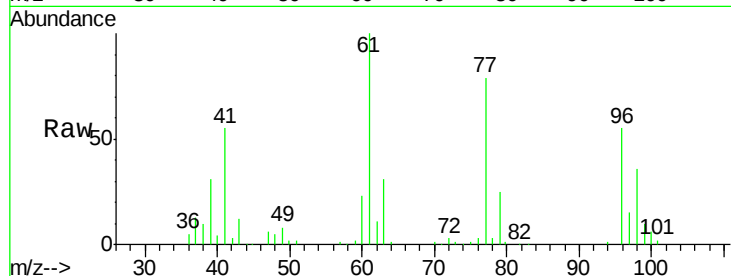
Tot Ion: 96 Resp: 264185

Ion Ratio Lower Upper

96 100

61 183.5 0.0 351.6

98 66.1 0.0 135.2



#28

Bromochloromethane

Concen: 113.94 ug/l

RT: 5.14 min Scan# 500

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

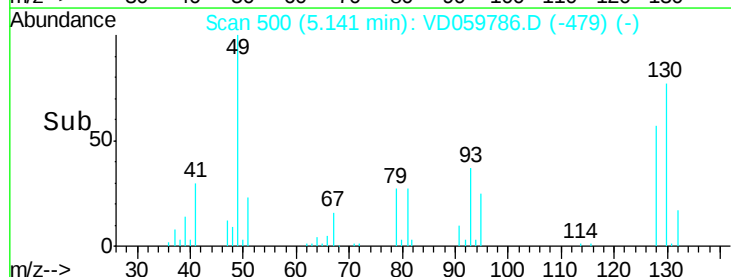
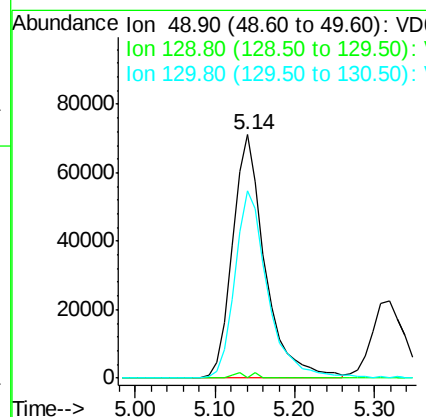
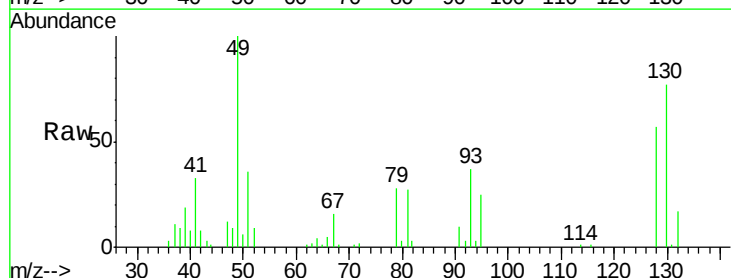
Tgt Ion: 49 Resp: 201826

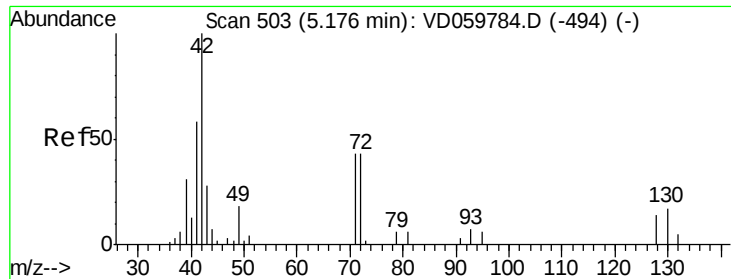
Ion Ratio Lower Upper

49 100

129 0.0 0.0 7.0

130 76.7 64.8 97.2

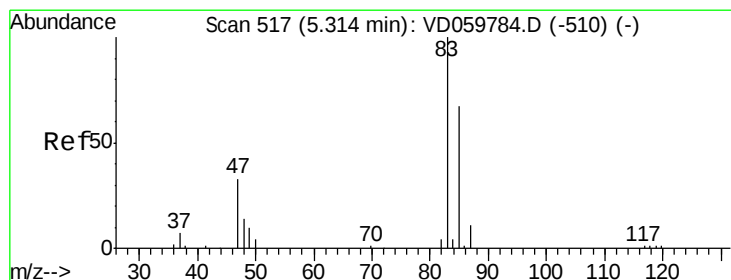
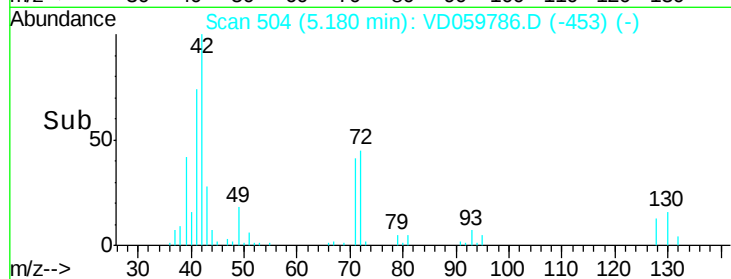
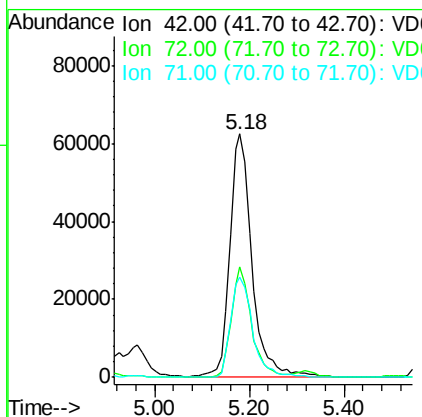
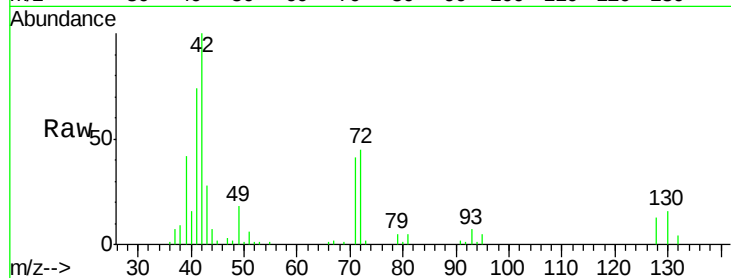




#29
Tetrahydrofuran
Concen: 684.81 ug/l
RT: 5.18 min Scan# 504
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

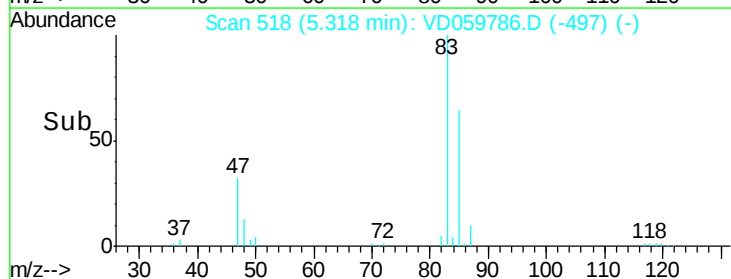
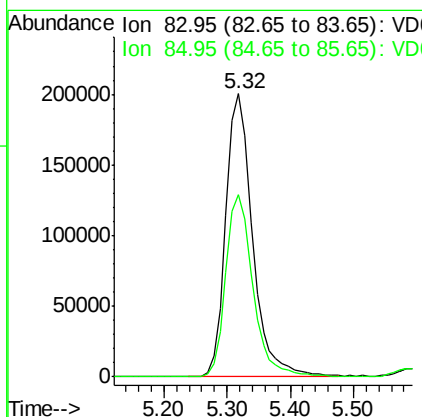
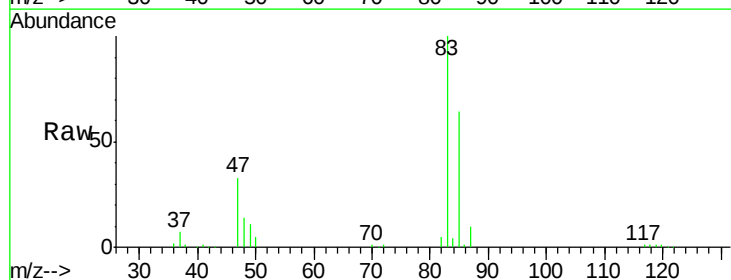
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

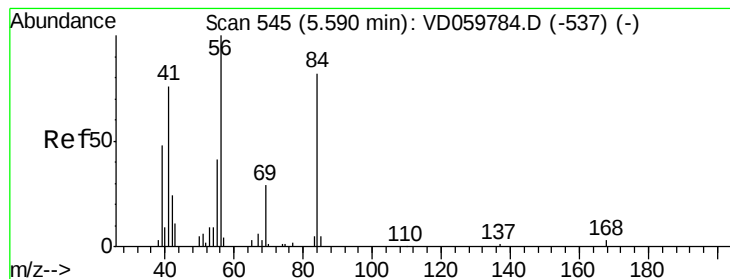
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	34.3	51.5
71	40.8	33.0	49.6



#30
Chloroform
Concen: 93.63 ug/l
RT: 5.32 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.4	80.2





#31

Cyclohexane

Concen: 116.64 ug/l

RT: 5.58 min Scan# 545

Delta R.T. -0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

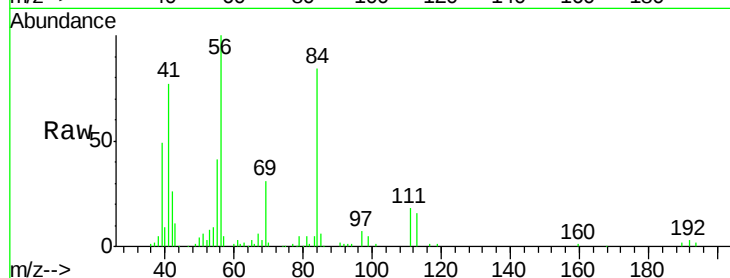
Tot Ion: 56 Resp: 339227

Ion Ratio Lower Upper

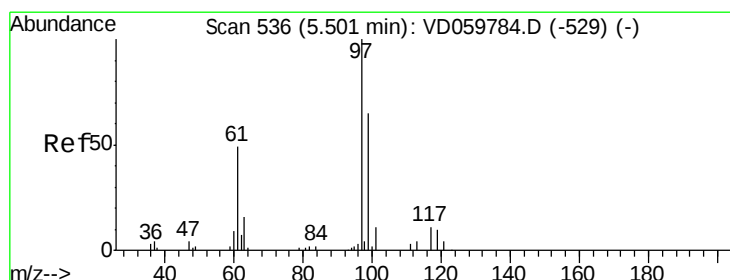
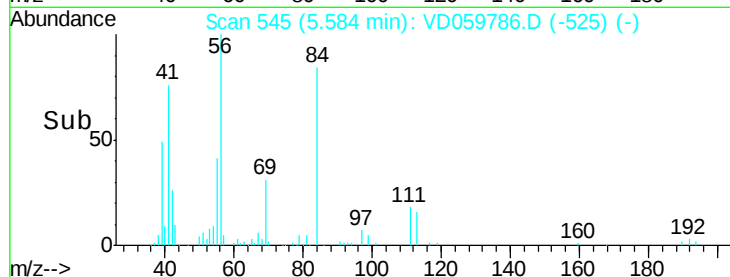
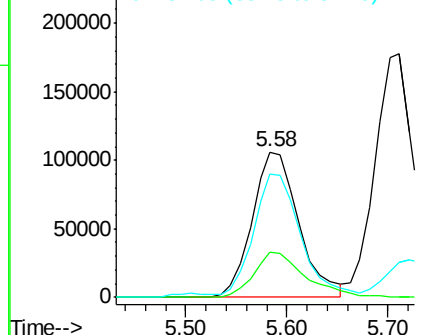
56 100

69 30.7 23.4 35.2

84 84.5 65.4 98.2



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



#32

1,1,1-Trichloroethane

Concen: 84.03 ug/l

RT: 5.50 min Scan# 537

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

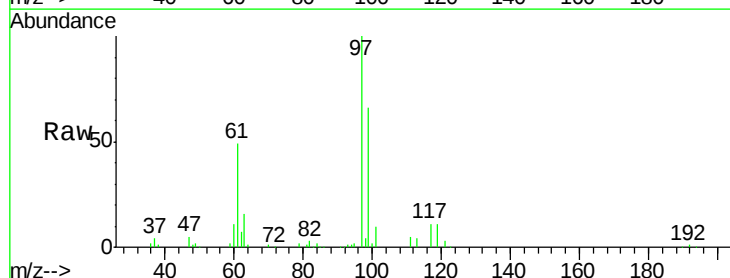
Tgt Ion: 97 Resp: 535378

Ion Ratio Lower Upper

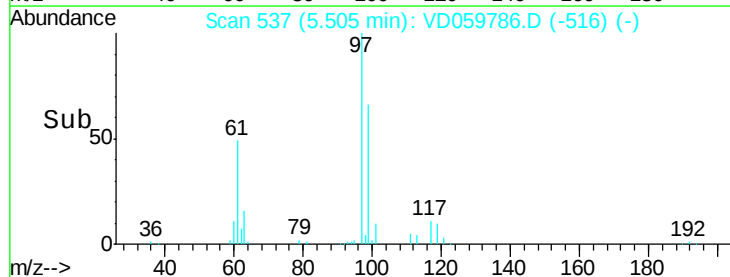
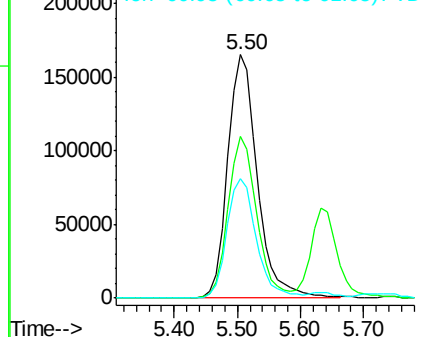
97 100

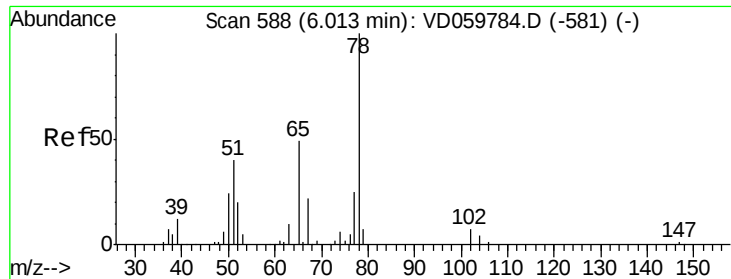
99 66.2 52.2 78.2

61 49.2 39.6 59.4



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

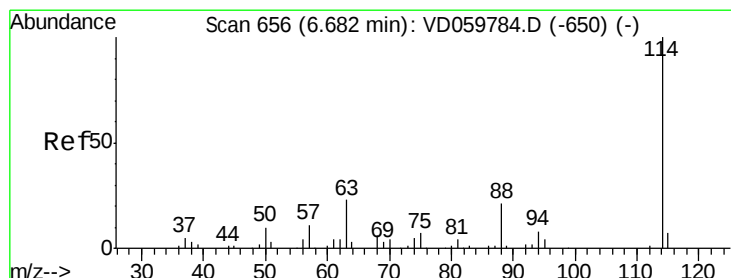
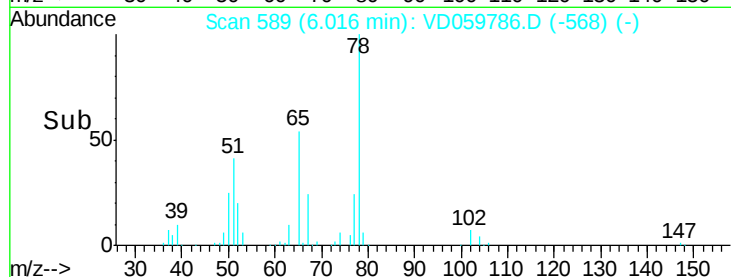
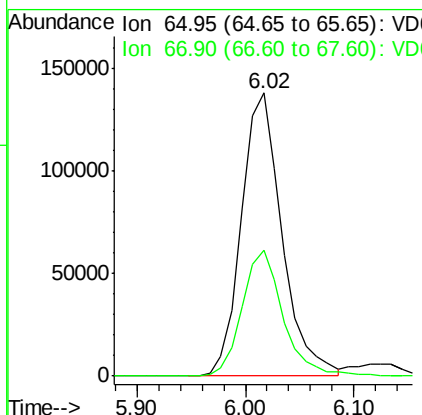
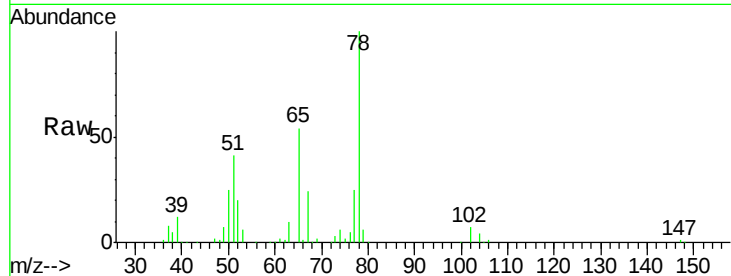




#33
 1,2-Dichloroethane-d4
 Concen: 84.03 ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

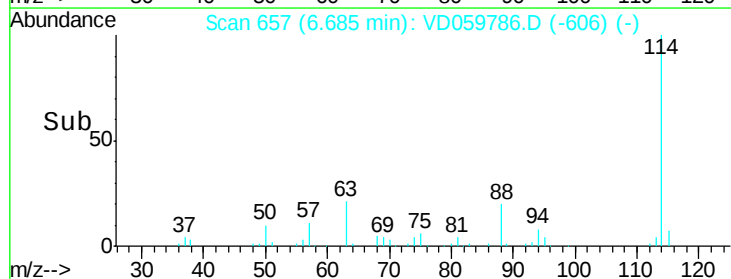
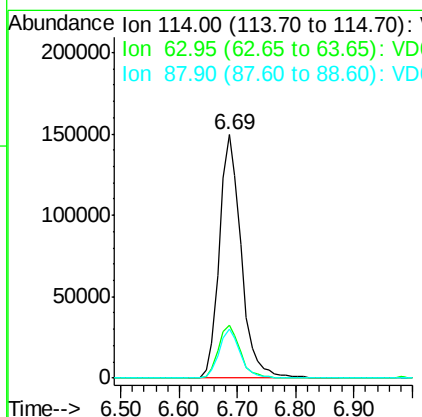
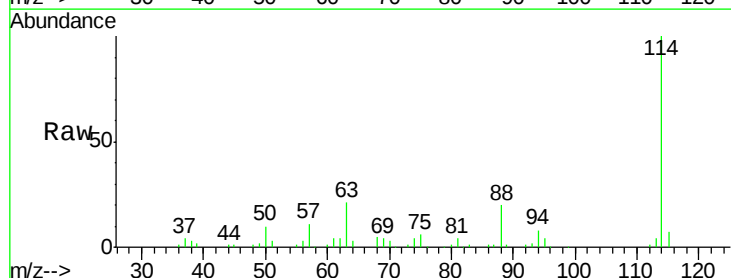
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

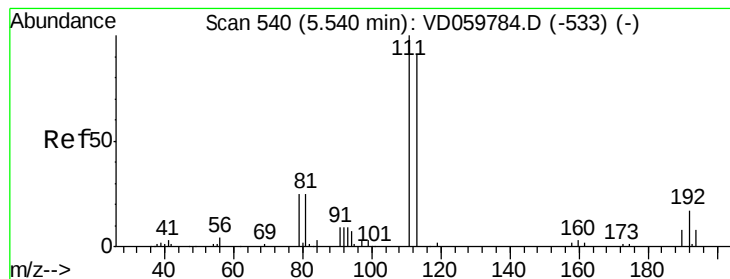
Tot Ion: 65 Resp: 361223
 Ion Ratio Lower Upper
 65 100
 67 44.6 0.0 87.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 114 Resp: 386851
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 20.2 0.0 41.2





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 541

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

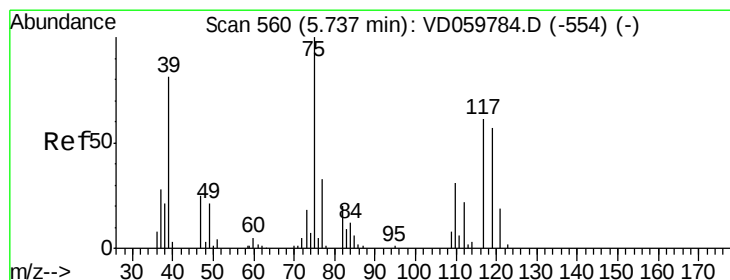
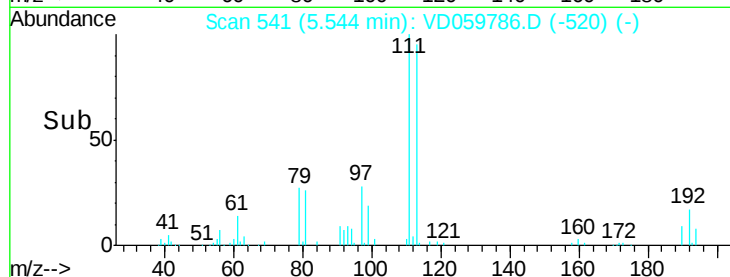
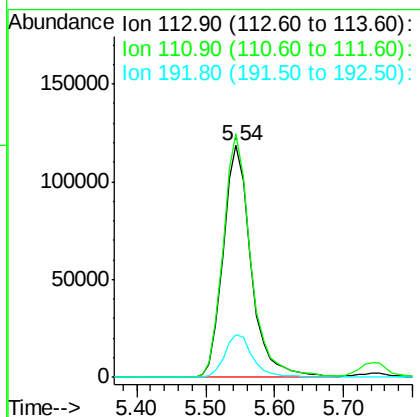
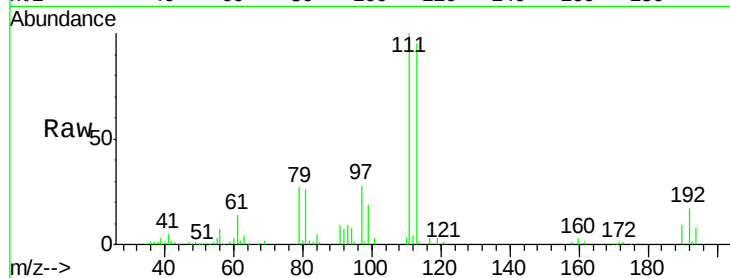
Tot Ion:113 Resp: 332865

Ion Ratio Lower Upper

113 100

111 105.0 87.7 131.5

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 84.06 ug/l

RT: 5.74 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

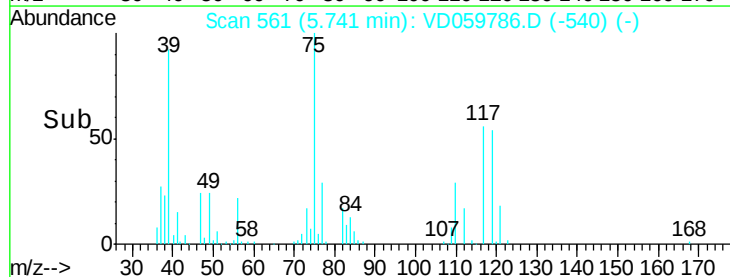
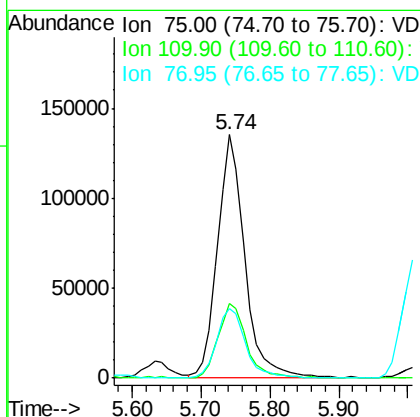
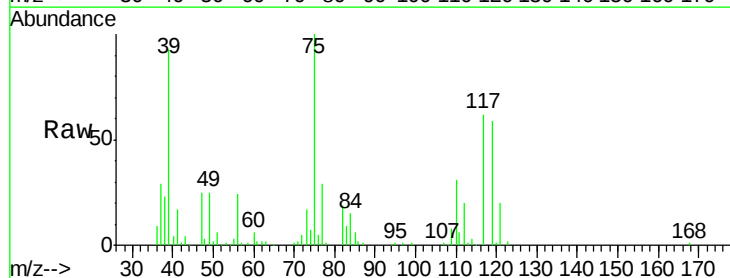
Tgt Ion: 75 Resp: 366561

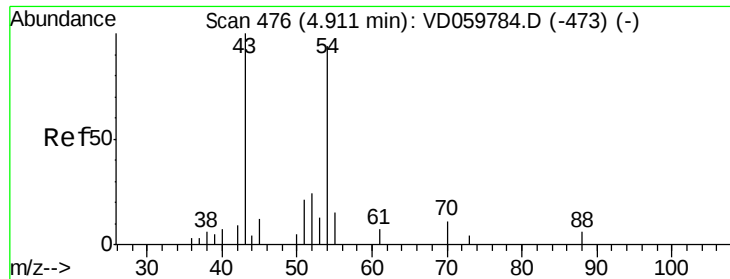
Ion Ratio Lower Upper

75 100

110 30.9 15.3 45.8

77 28.8 26.2 39.4

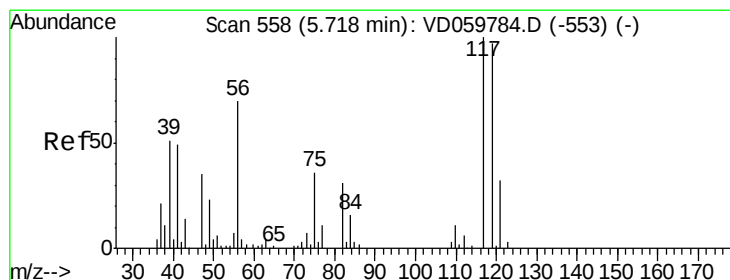
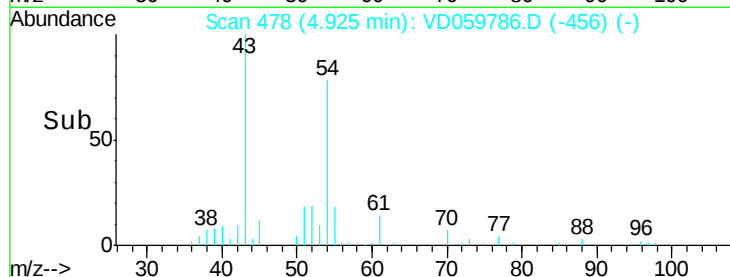
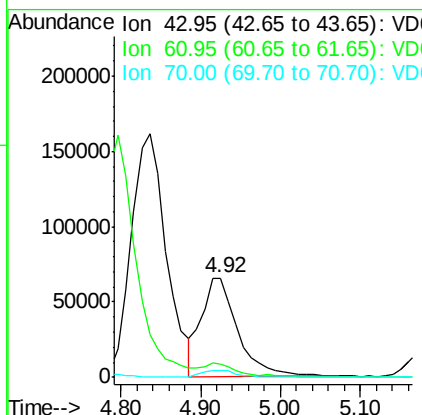
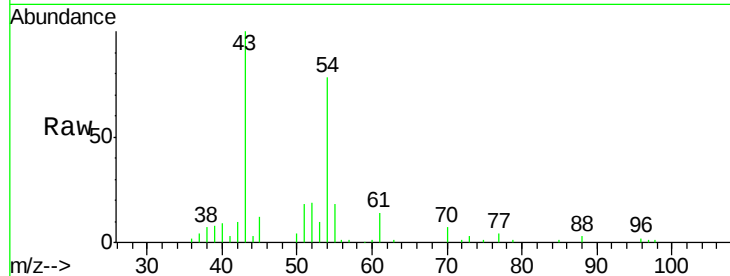




#37
Ethyl Acetate
Concen: 106.63 ug/l
RT: 4.92 min Scan# 478
Delta R.T. 0.01 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

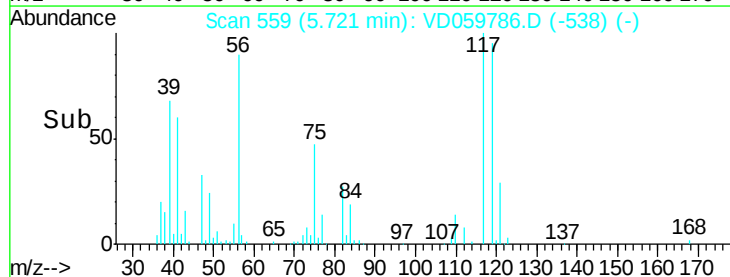
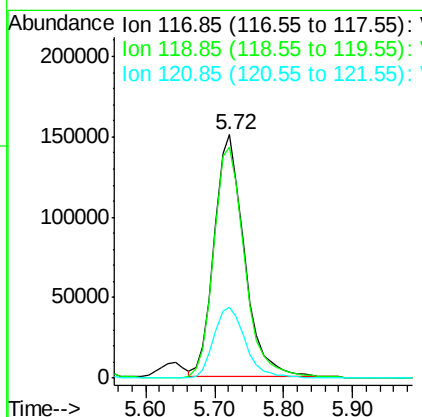
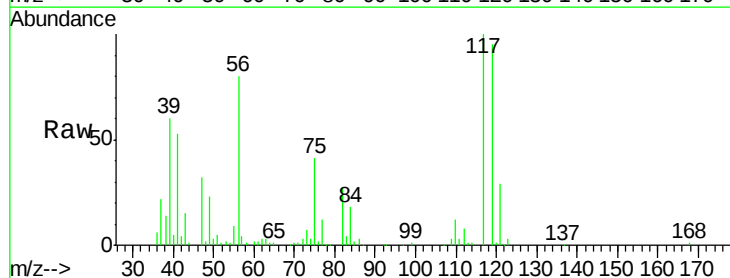
Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

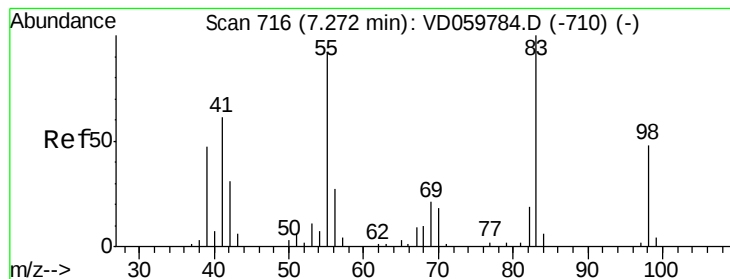
Tot Ion: 43 Resp: 206764
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.2
70 7.3 5.8 8.8



#38
Carbon Tetrachloride
Concen: 69.02 ug/l
RT: 5.72 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion: 117 Resp: 457565
Ion Ratio Lower Upper
117 100
119 94.9 75.7 113.5
121 29.2 24.7 37.1





#39

Methvlcvclohexane

Concen: 100.53 ug/l

RT: 7.28 min Scan# 717

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

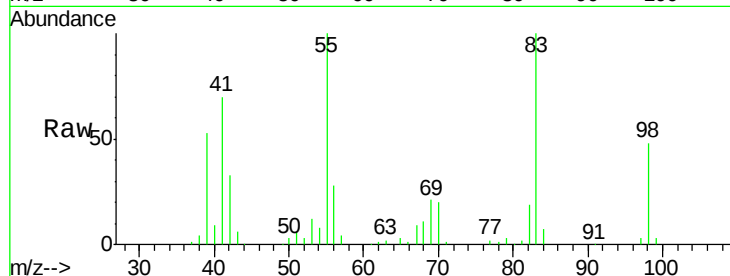
Tot Ion: 83 Resp: 335847

Ion Ratio Lower Upper

83 100

55 100.3 73.8 110.6

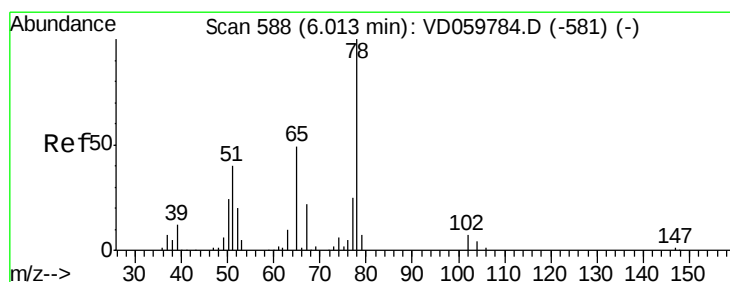
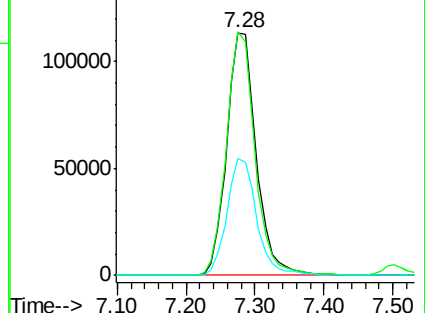
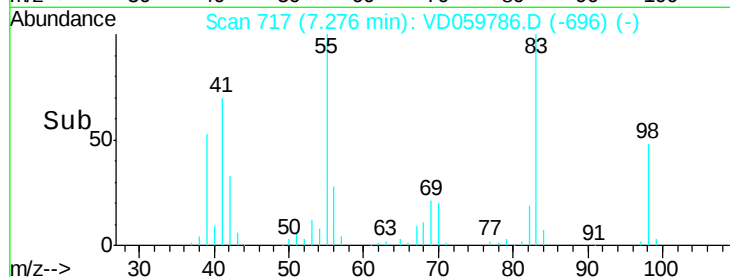
98 48.0 38.4 57.6



Abundance Ion 83.05 (82.75 to 83.75): VD

Ion 55.00 (54.70 to 55.70): VD

Ion 98.05 (97.75 to 98.75): VD



#40

Benzene

Concen: 100.76 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD059786.D

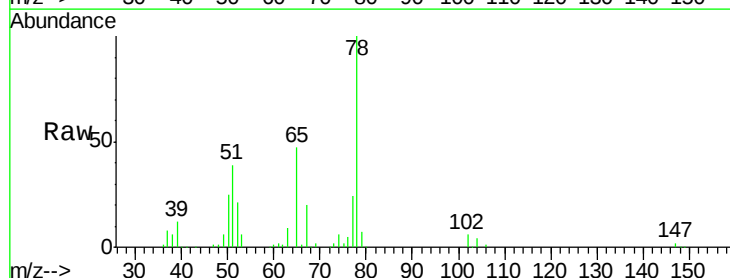
Acq: 15 Aug 2018 1:47

Tgt Ion: 78 Resp: 796216

Ion Ratio Lower Upper

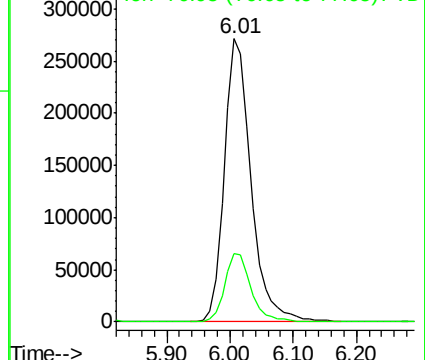
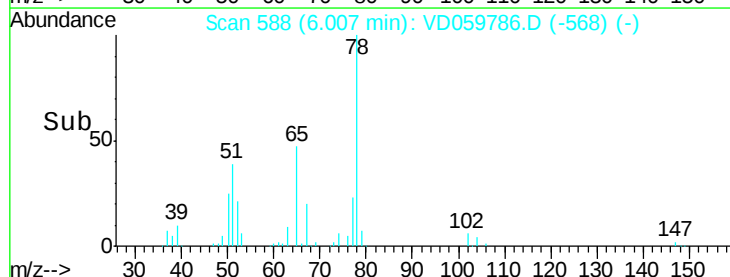
78 100

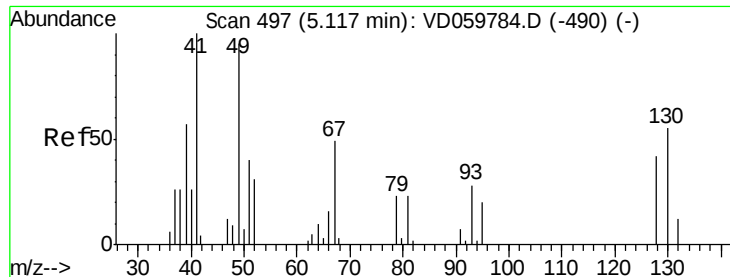
77 24.1 19.6 29.4



Abundance Ion 77.95 (77.65 to 78.65): VD

Ion 76.95 (76.65 to 77.65): VD

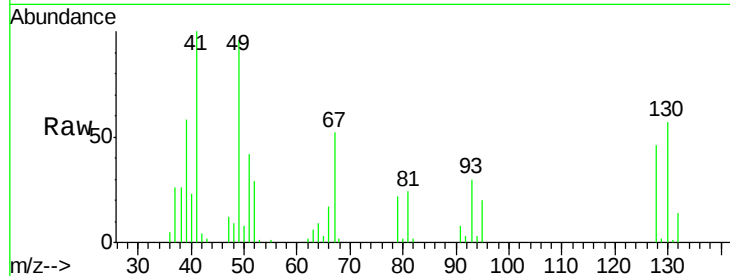




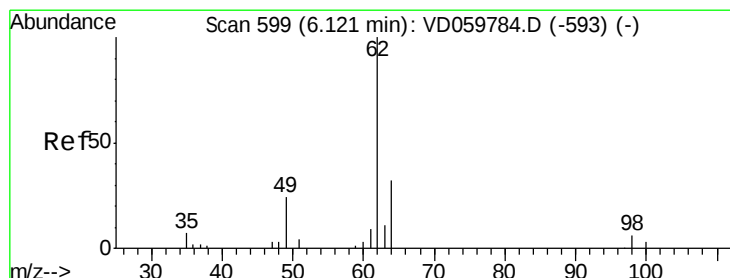
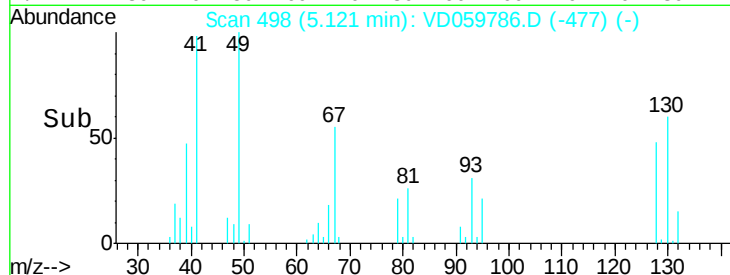
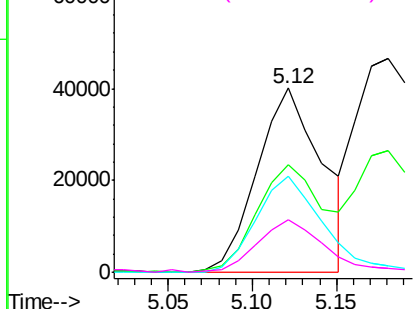
#41
Methacrylonitrile
Concen: 113.85 ug/l
RT: 5.12 min Scan# 498
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion: 41 Resp: 107472
Ion Ratio Lower Upper
41 100
39 58.5 45.4 68.2
67 52.0 39.5 59.3
52 28.7 24.8 37.2

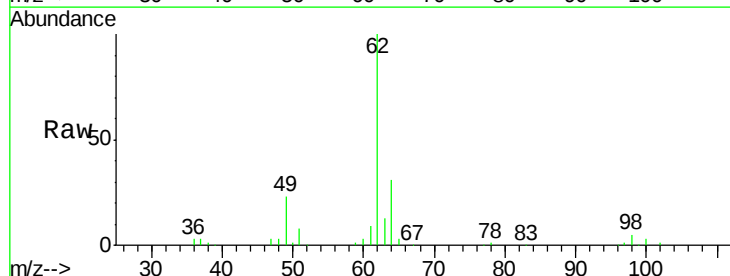


Abundance Ion 40.95 (40.65 to 41.65): VD
Ion 38.95 (38.65 to 39.65): VD
Ion 67.00 (66.70 to 67.70): VD
Ion 52.00 (51.70 to 52.70): VD

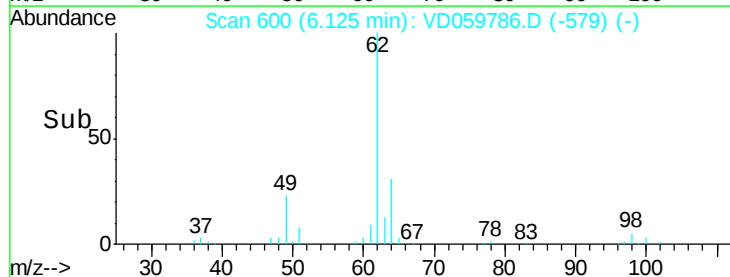
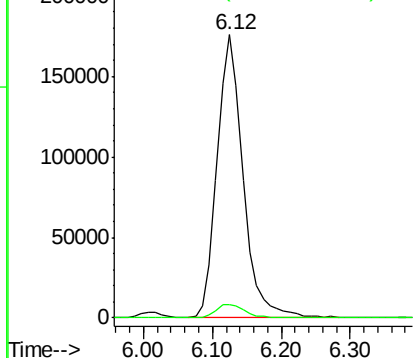


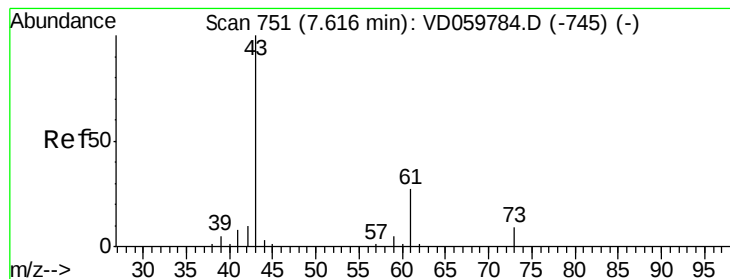
#42
1,2-Dichloroethane
Concen: 78.33 ug/l
RT: 6.12 min Scan# 600
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion: 62 Resp: 456703
Ion Ratio Lower Upper
62 100
98 4.8 0.0 12.0



Abundance Ion 61.95 (61.65 to 62.65): VD
Ion 97.85 (97.55 to 98.55): VD



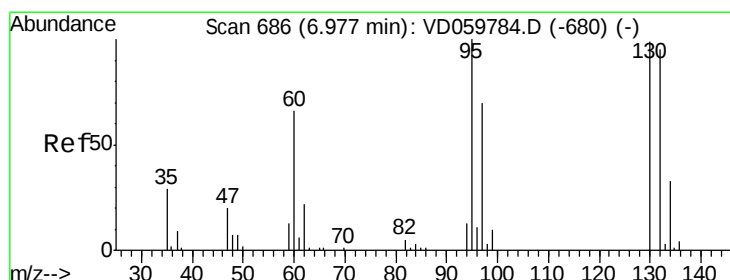
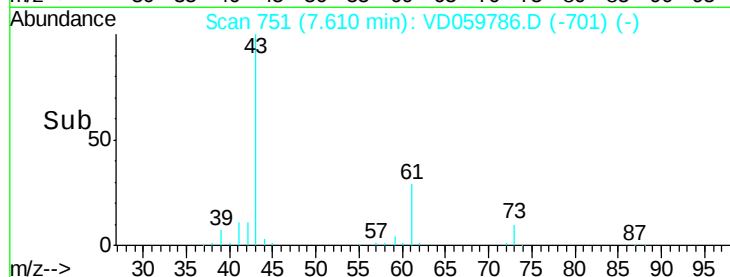
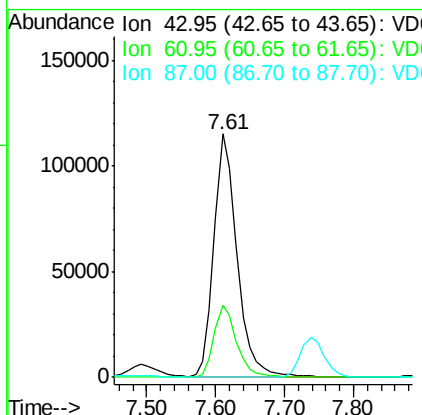
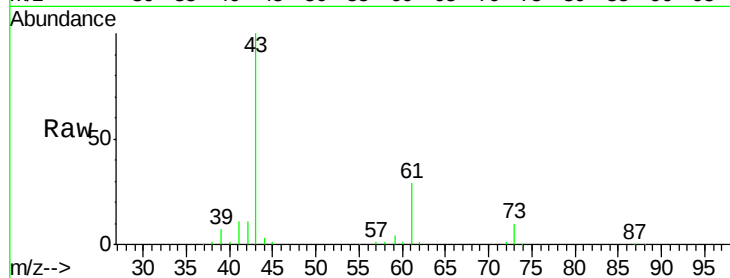


#43

Isopropyl Acetate
 Concen: 110.01 ug/l
 RT: 7.61 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

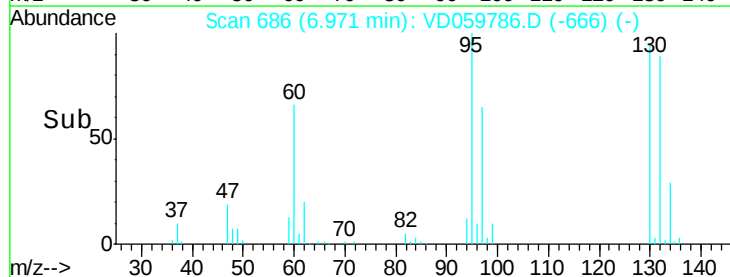
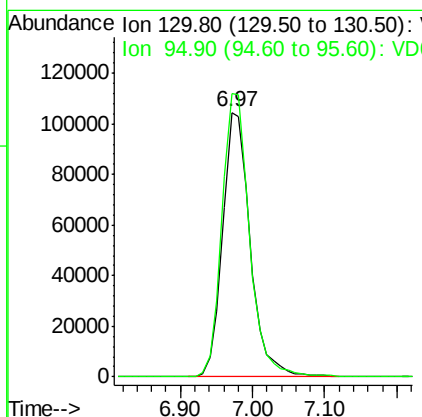
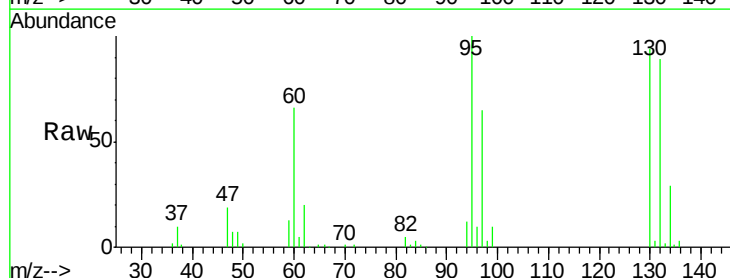
Tot Ion: 43 Resp: 270911
 Ion Ratio Lower Upper
 43 100
 61 29.5 21.2 31.8
 87 0.3 0.0 0.0#

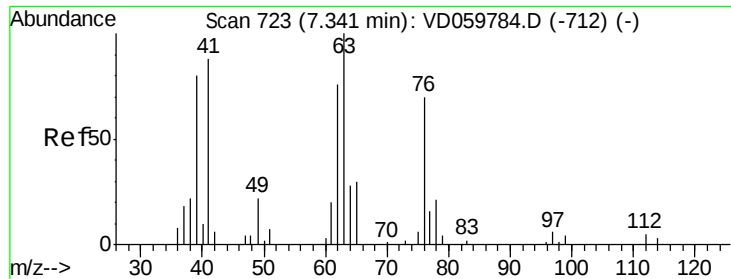


#44

Trichloroethene
 Concen: 90.27 ug/l
 RT: 6.97 min Scan# 686
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 130 Resp: 276965
 Ion Ratio Lower Upper
 130 100
 95 106.9 0.0 201.2

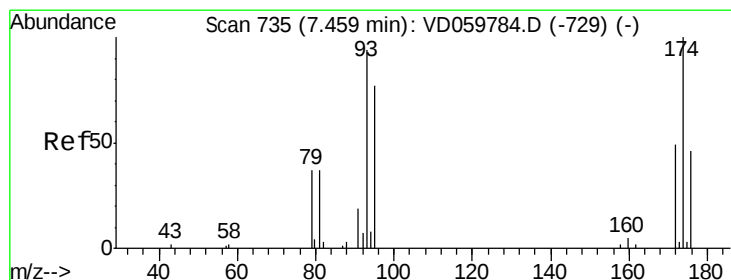
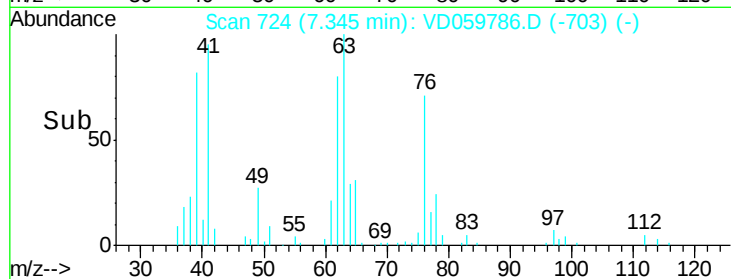
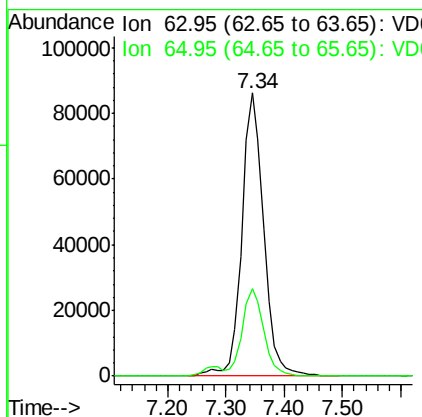
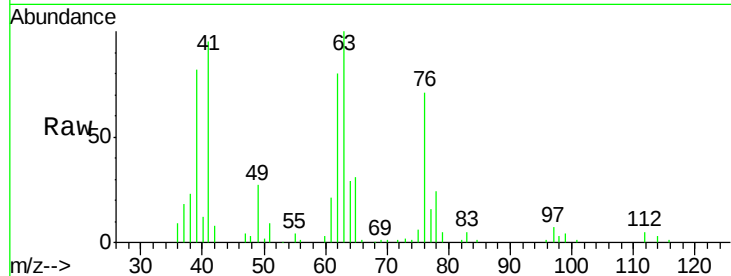




#45
 1,2-Dichloropropane
 Concen: 110.46 ug/l
 RT: 7.34 min Scan# 724
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

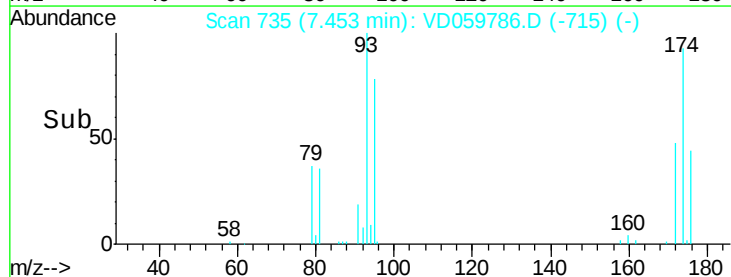
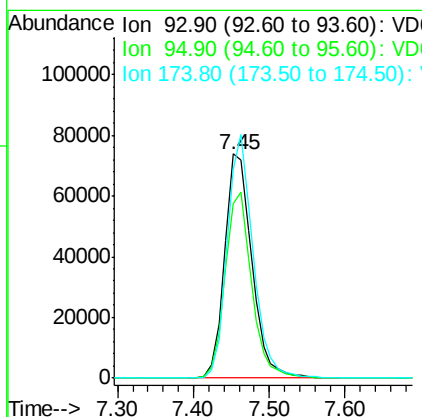
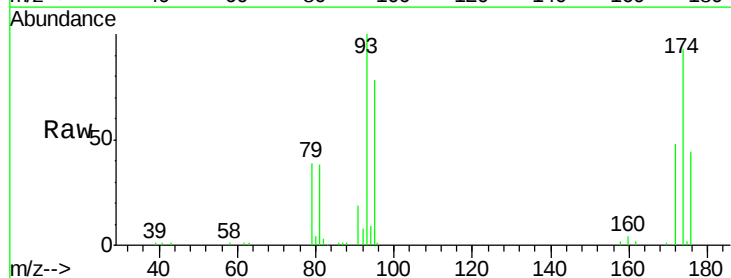
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

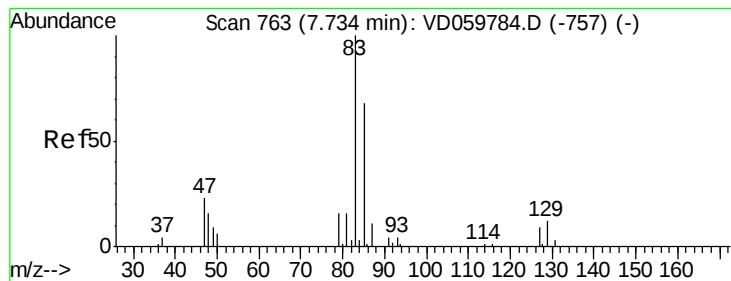
Tot Ion: 63 Resp: 225133
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.2 36.4



#46
 Dibromomethane
 Concen: 90.02 ug/l
 RT: 7.45 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 93 Resp: 183071
 Ion Ratio Lower Upper
 93 100
 95 77.9 66.2 99.4
 174 93.0 85.5 128.3





#47

Bromodichloromethane

Concen: 82.30 ug/l

RT: 7.74 min Scan# 764

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

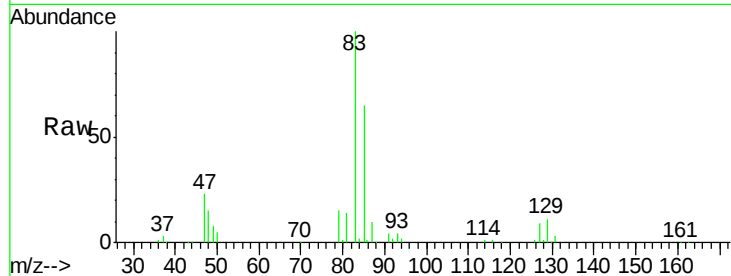
Tot Ion: 83 Resp: 438282

Ion Ratio Lower Upper

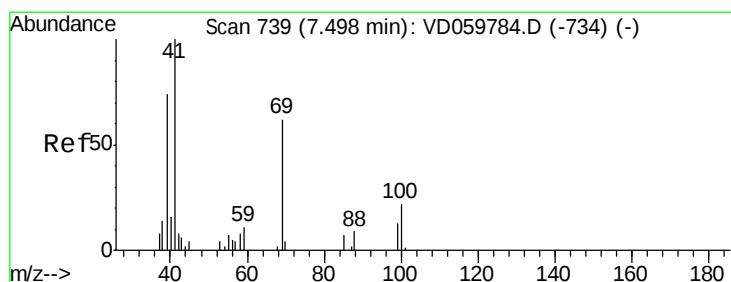
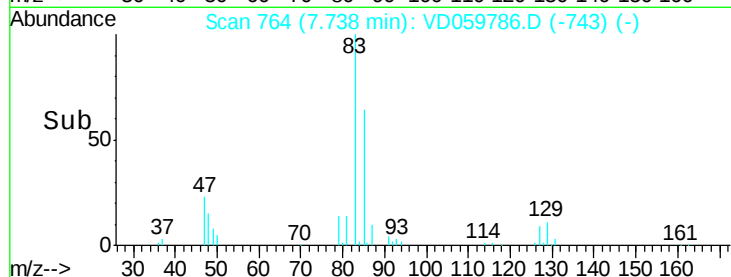
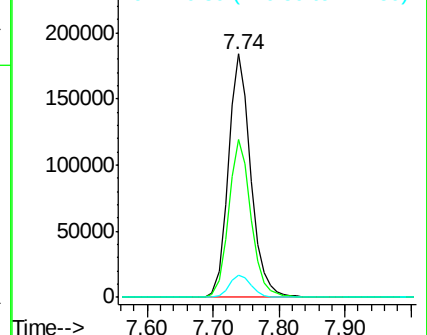
83 100

85 64.9 54.1 81.1

127 8.9 7.5 11.3



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



#48

Methyl methacrylate

Concen: 100.74 ug/l

RT: 7.50 min Scan# 740

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

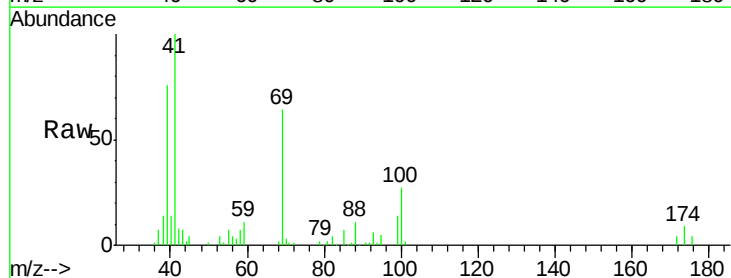
Tgt Ion: 41 Resp: 178005

Ion Ratio Lower Upper

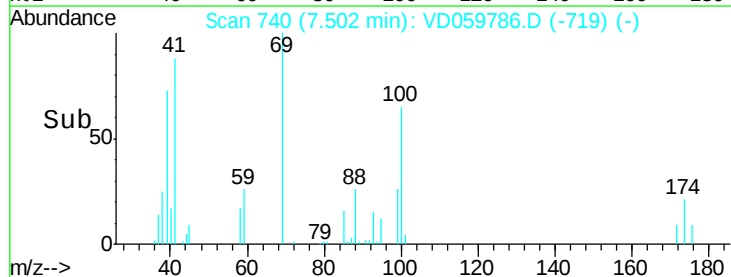
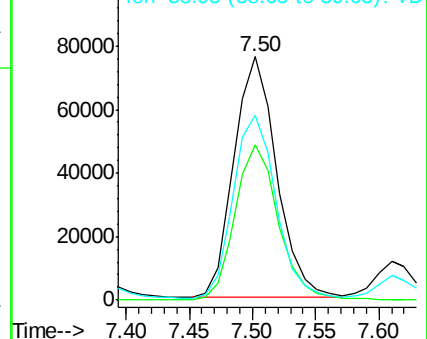
41 100

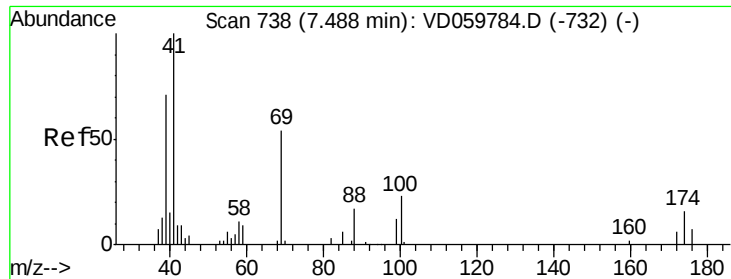
69 63.7 49.8 74.8

39 76.0 59.0 88.4



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





#49

1,4-Dioxane

Concen: 2712.52 ug/l

RT: 7.49 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

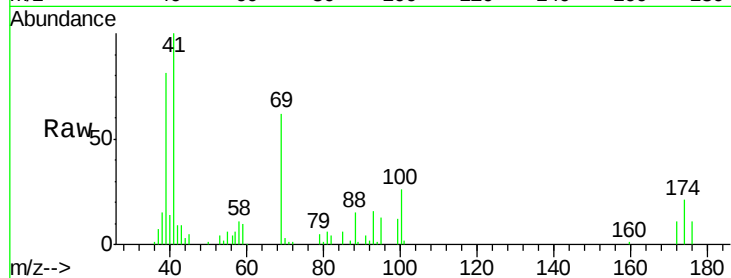
Tot Ion: 88 Resp: 34131

Ion Ratio Lower Upper

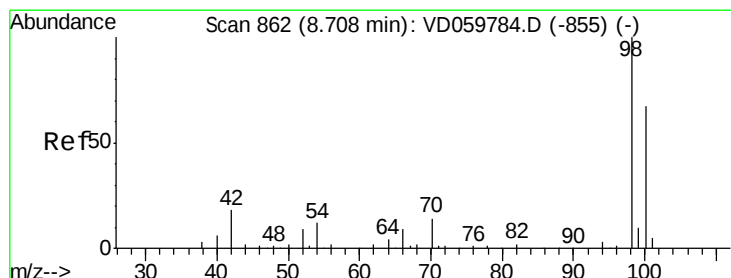
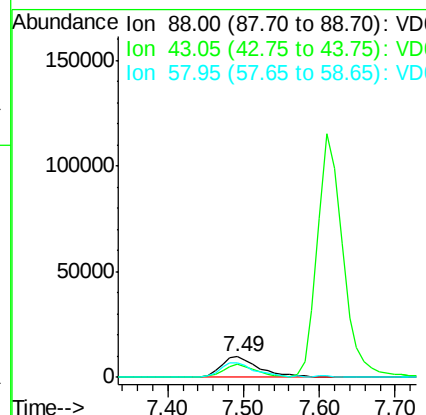
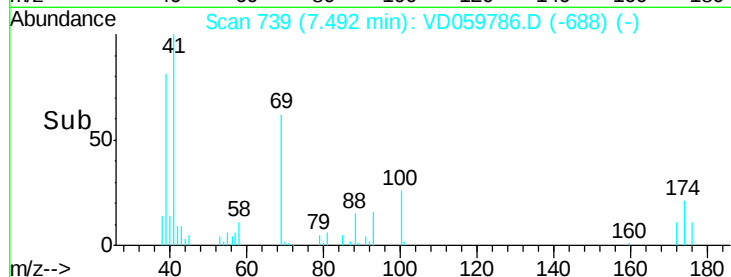
88 100

43 62.1 42.0 63.0

58 74.1 51.4 77.0



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



#50

Toluene-d8

Concen: 2712.52 ug/l

RT: 8.70 min Scan# 862

Delta R.T. -0.01 min

Lab File: VD059786.D

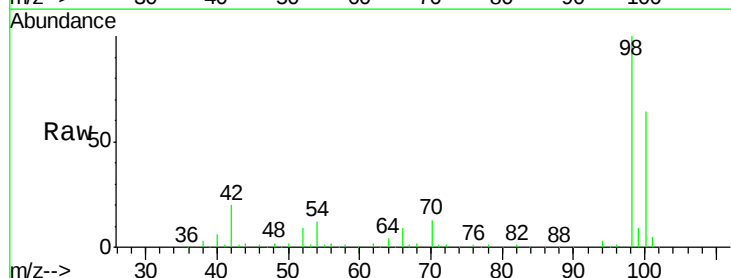
Acq: 15 Aug 2018 1:47

Tgt Ion: 98 Resp: 779821

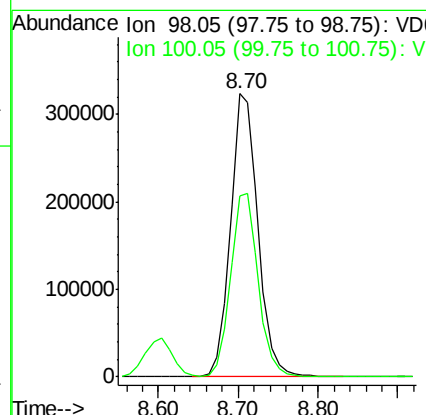
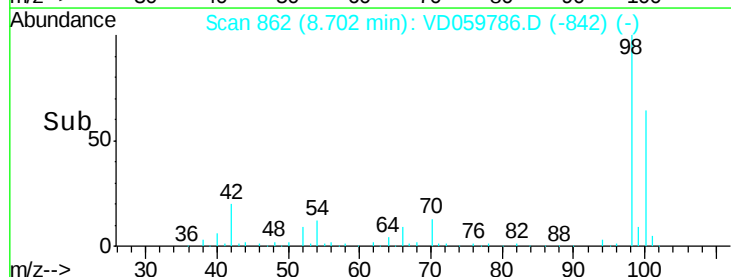
Ion Ratio Lower Upper

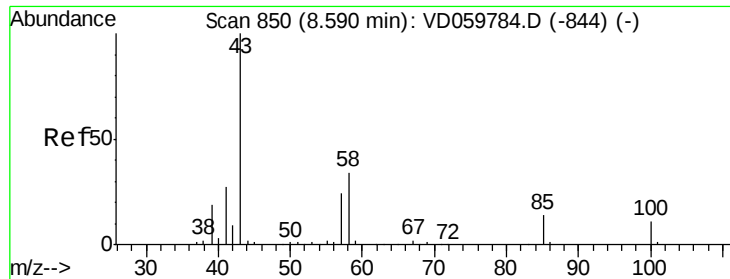
98 100

100 64.0 54.2 81.4



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





#51

4-Methyl-2-Pentanone

Concen: 546.71 ug/l

RT: 8.59 min Scan# 851

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

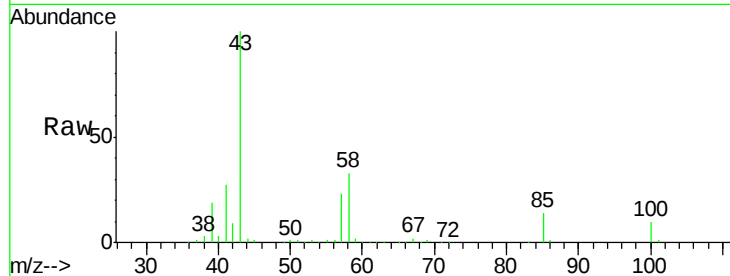
VSTDIC100

Tot Ion: 43 Resp: 1035785

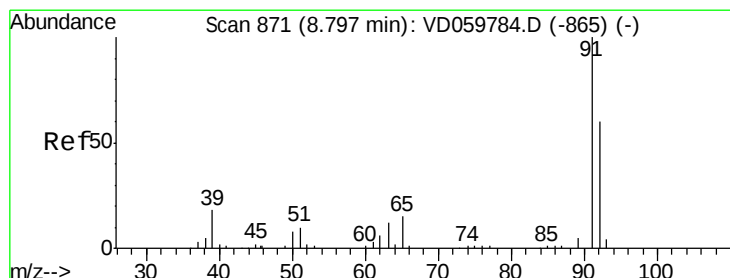
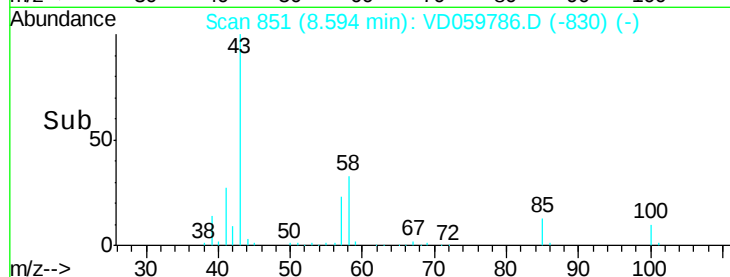
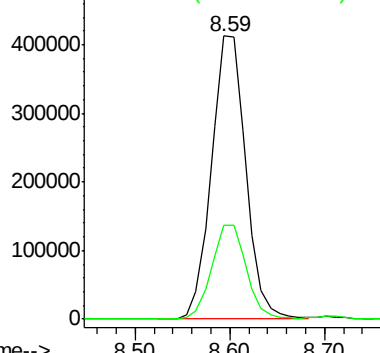
Ion Ratio Lower Upper

43 100

58 33.1 27.5 41.3



Abundance Ion 42.95 (42.65 to 43.65): VD
Ion 57.95 (57.65 to 58.65): VD



#52

Toluene

Concen: 100.94 ug/l

RT: 8.80 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD059786.D

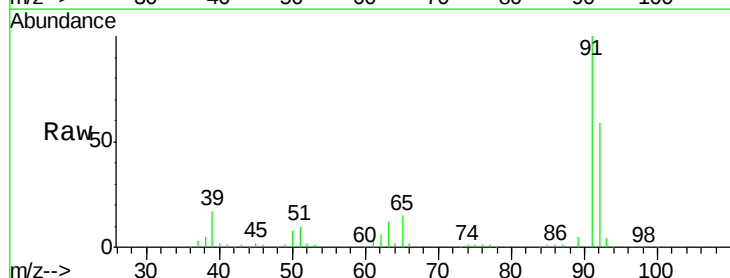
Acq: 15 Aug 2018 1:47

Tgt Ion: 92 Resp: 513674

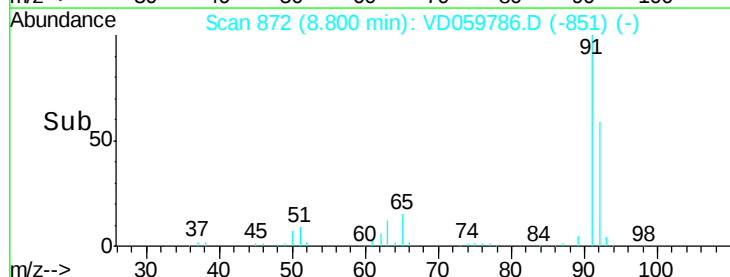
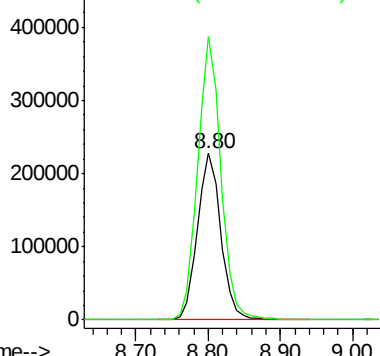
Ion Ratio Lower Upper

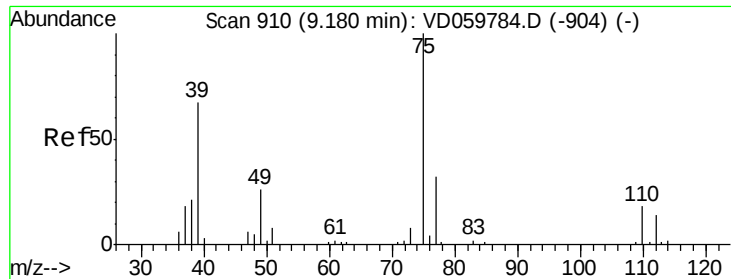
92 100

91 170.2 133.1 199.7



Abundance Ion 92.00 (91.70 to 92.70): VD
Ion 91.00 (90.70 to 91.70): VD





#53

t-1,3-Dichloropropene

Concen: 86.08 ug/l

RT: 9.18 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

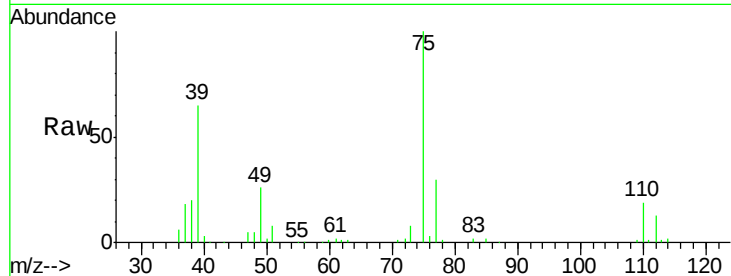
VSTDIC100

Tot Ion: 75 Resp: 370025

Ion Ratio Lower Upper

75 100

77 29.8 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VD

Ion 76.95 (76.65 to 77.65): VD

9.18

200000

150000

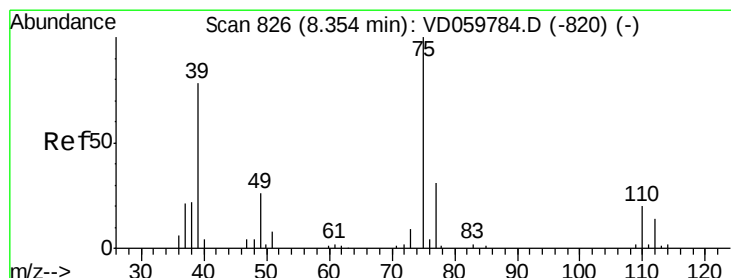
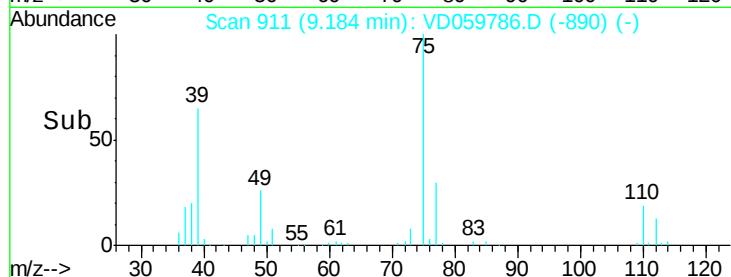
100000

50000

0

9.10 9.20 9.30

Time-->



#54

cis-1,3-Dichloropropene

Concen: 94.64 ug/l

RT: 8.36 min Scan# 827

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

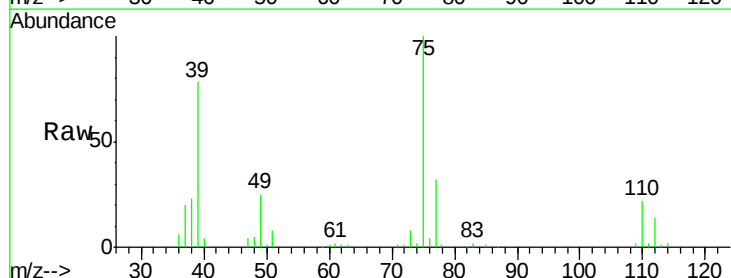
Tgt Ion: 75 Resp: 404255

Ion Ratio Lower Upper

75 100

77 31.7 24.8 37.2

39 77.7 62.5 93.7



Abundance Ion 75.00 (74.70 to 75.70): VD

Ion 76.95 (76.65 to 77.65): VD

Ion 38.95 (38.65 to 39.65): VD

8.36

250000

200000

150000

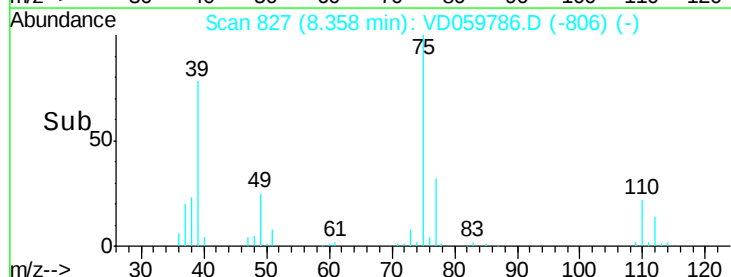
100000

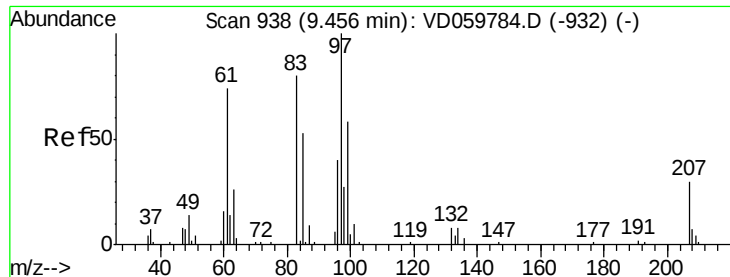
50000

0

8.30 8.40 8.50

Time-->

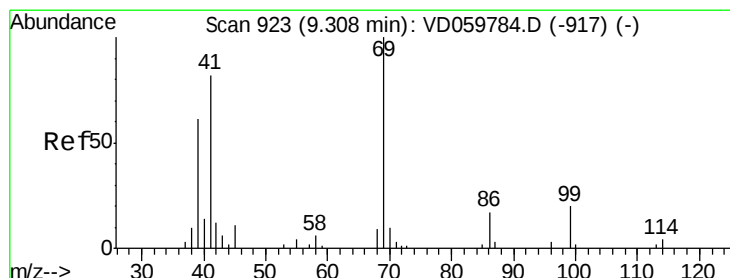
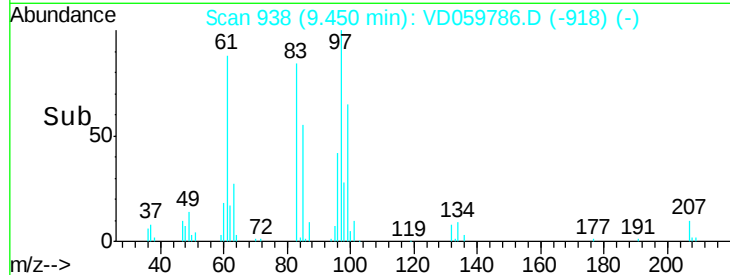
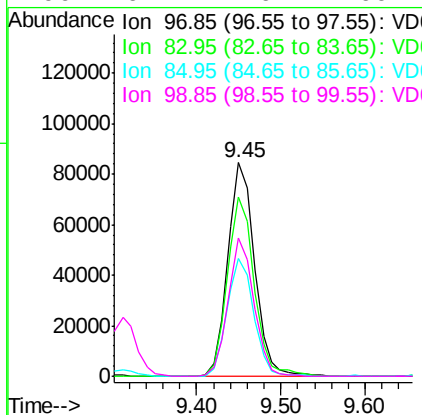
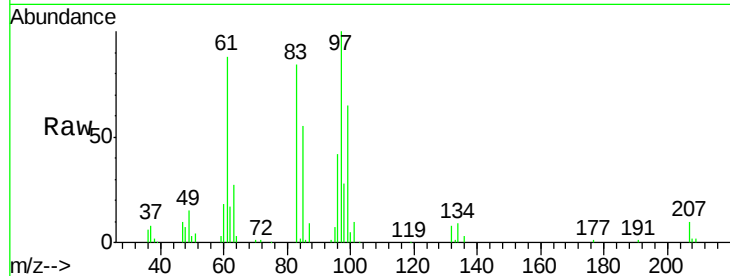




#55
 1,1,2-Trichloroethane
 Concen: 94.92 ug/l
 RT: 9.45 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

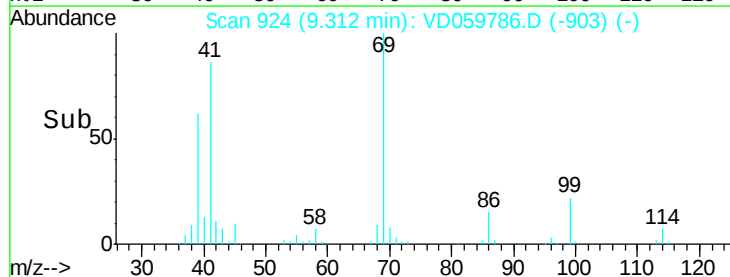
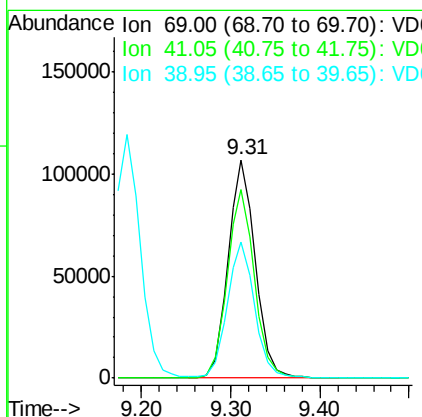
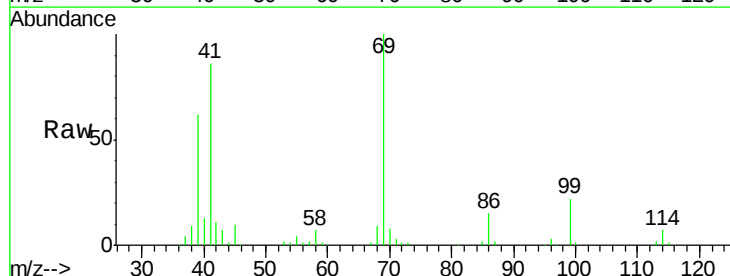
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

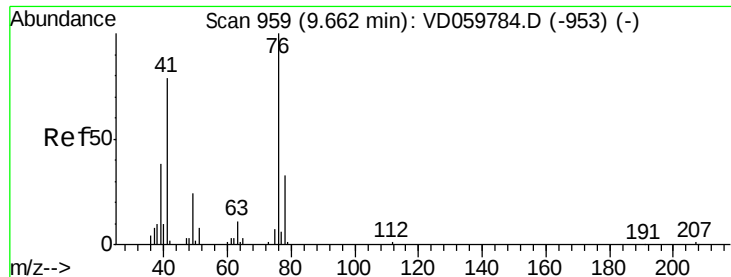
Tot Ion:	97	Resp:	187406
Ion	Ratio	Lower	Upper
97	100		
83	83.9	63.8	95.8
85	55.1	42.5	63.7
99	64.7	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 101.51 ug/l
 RT: 9.31 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion:	69	Resp:	228404
Ion	Ratio	Lower	Upper
69	100		
41	86.4	65.8	98.8
39	62.3	49.7	74.5





#57

1,3-Dichloropropane

Concen: 92.76 ug/l

RT: 9.67 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

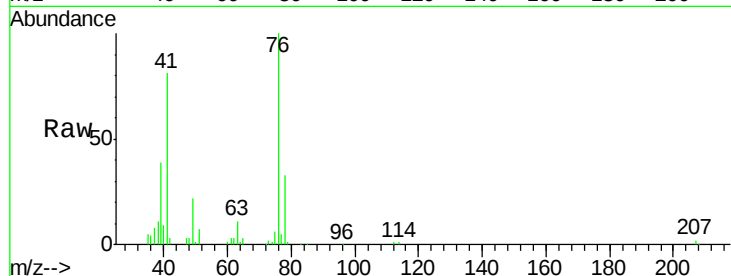
VSTDIC100

Tot Ion: 76 Resp: 299685

Ion Ratio Lower Upper

76 100

78 33.2 26.4 39.6



Abundance Ion 75.95 (75.65 to 76.65): VD

Ion 77.95 (77.65 to 78.65): VD

9.67

150000

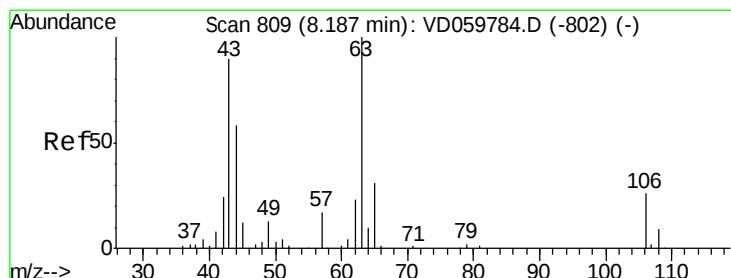
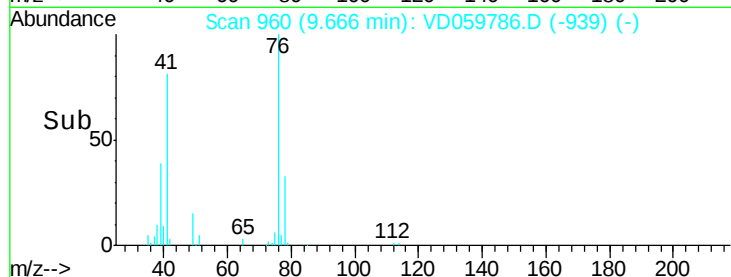
100000

50000

0

Time-->

9.60 9.70 9.80



#58

2-Chloroethyl Vinyl ether

Concen: 489.57 ug/l

RT: 8.19 min Scan# 810

Delta R.T. 0.00 min

Lab File: VD059786.D

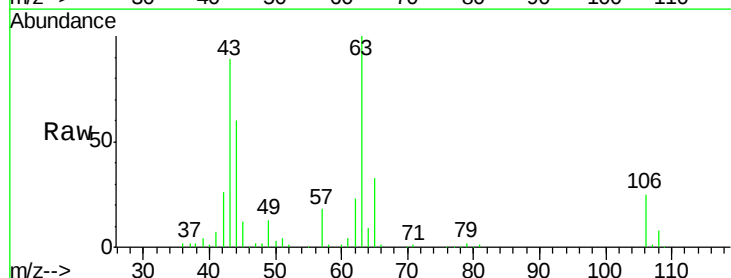
Acq: 15 Aug 2018 1:47

Tgt Ion: 63 Resp: 505783

Ion Ratio Lower Upper

63 100

106 25.1 21.1 31.7



Abundance Ion 62.95 (62.65 to 63.65): VD

Ion 105.95 (105.65 to 106.65):

8.19

250000

200000

150000

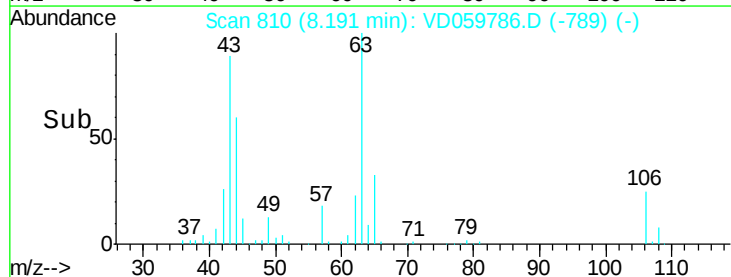
100000

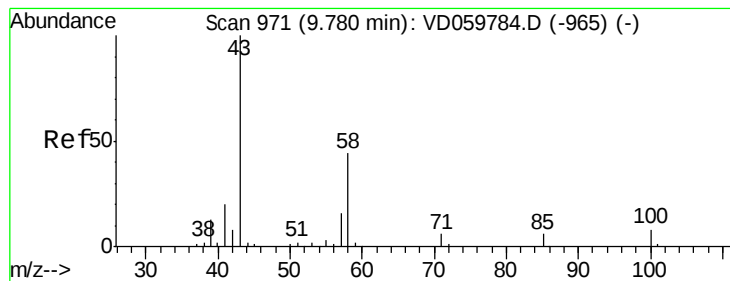
50000

0

Time-->

8.10 8.20 8.30 8.40





#59

2-Hexanone

Concen: 557.37 ug/l

RT: 9.78 min Scan# 972

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

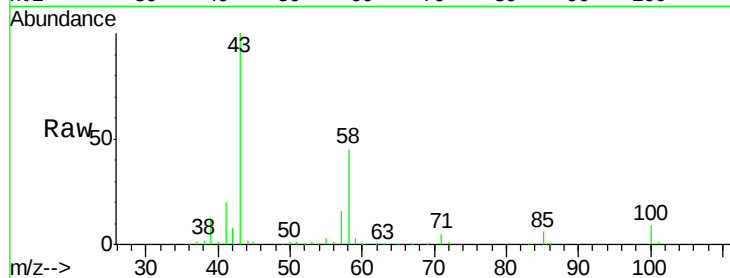
VSTDIC100

Tot Ion: 43 Resp: 777421

Ion Ratio Lower Upper

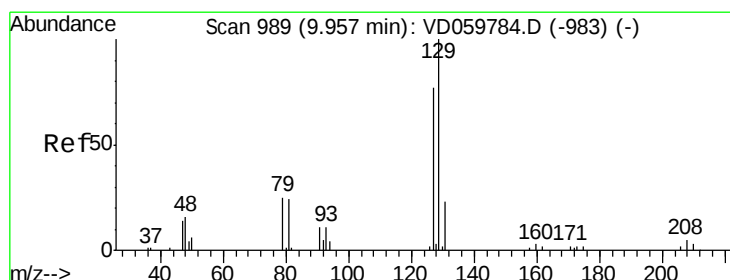
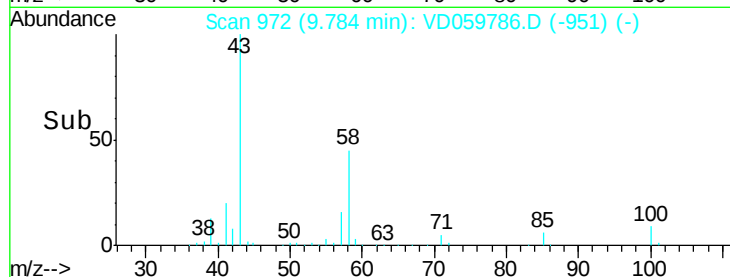
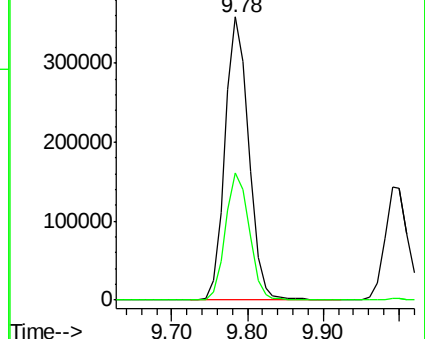
43 100

58 45.1 22.3 66.8



Abundance Ion 42.95 (42.65 to 43.65): VD

Ion 57.95 (57.65 to 58.65): VD



#60

Dibromochloromethane

Concen: 83.26 ug/l

RT: 9.96 min Scan# 990

Delta R.T. 0.00 min

Lab File: VD059786.D

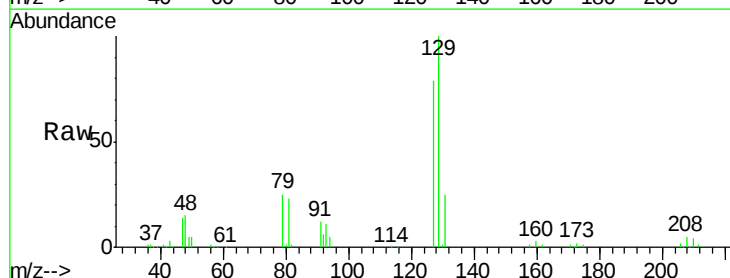
Acq: 15 Aug 2018 1:47

Tgt Ion: 129 Resp: 302600

Ion Ratio Lower Upper

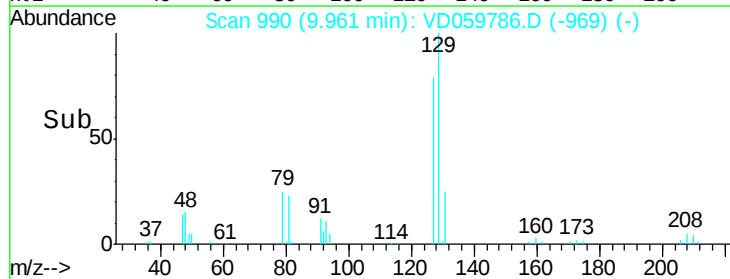
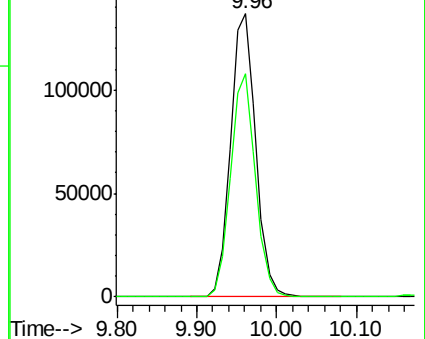
129 100

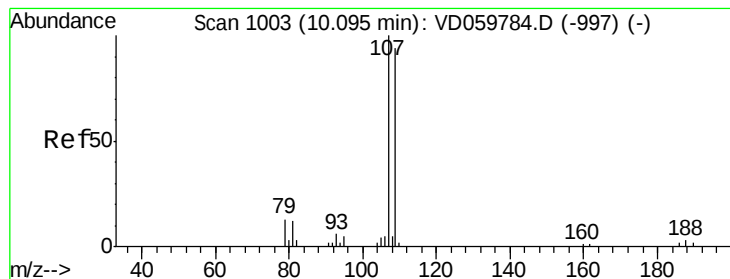
127 79.0 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50):

Ion 126.80 (126.50 to 127.50):





#61

1,2-Dibromoethane

Concen: 91.79 ug/l

RT: 10.09 min Scan# 1003

Delta R.T. -0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

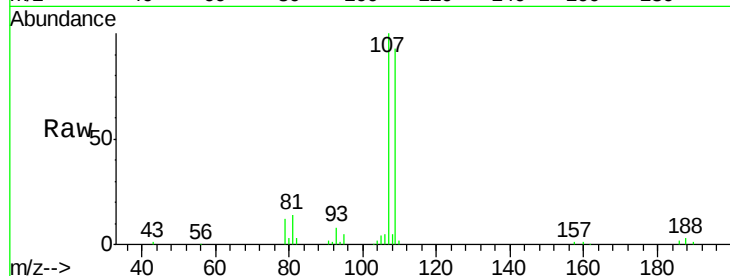
VSTDIC100

Tot Ion:107 Resp: 220621

Ion Ratio Lower Upper

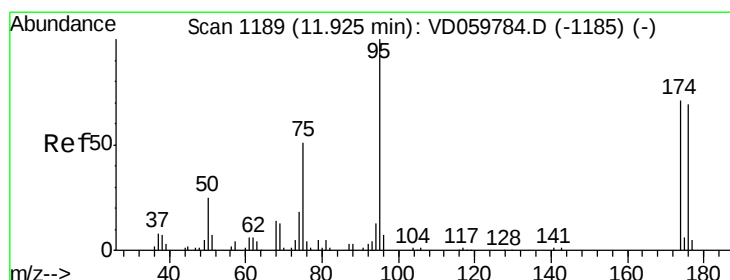
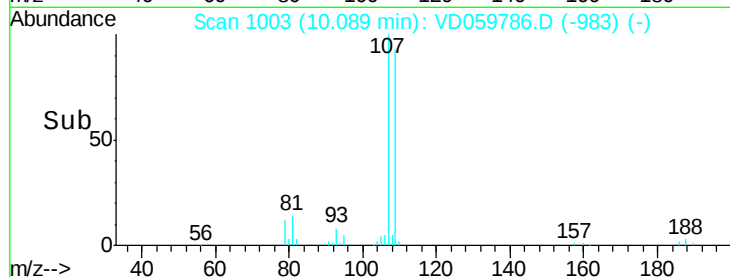
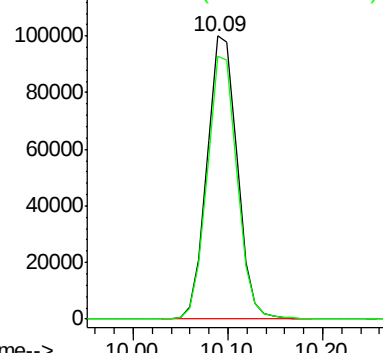
107 100

109 92.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60):

Ion 108.90 (108.60 to 109.60):



#62

4-Bromofluorobenzene

Concen: 91.79 ug/l

RT: 11.93 min Scan# 1190

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

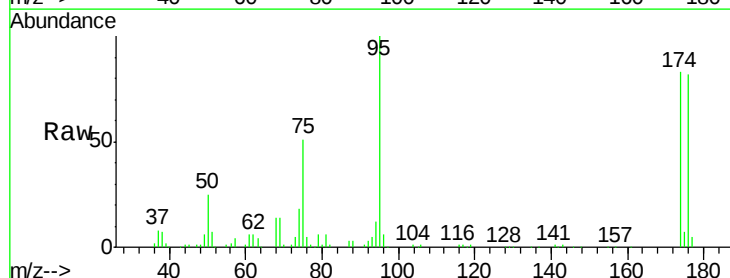
Tgt Ion: 95 Resp: 328921

Ion Ratio Lower Upper

95 100

174 83.1 0.0 142.2

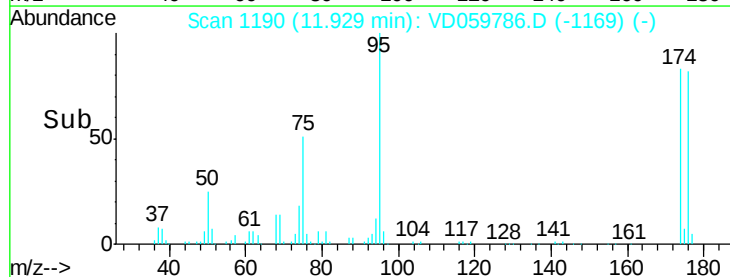
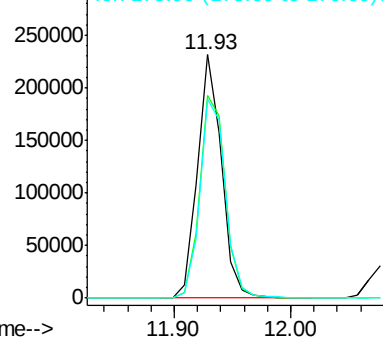
176 81.7 0.0 137.4

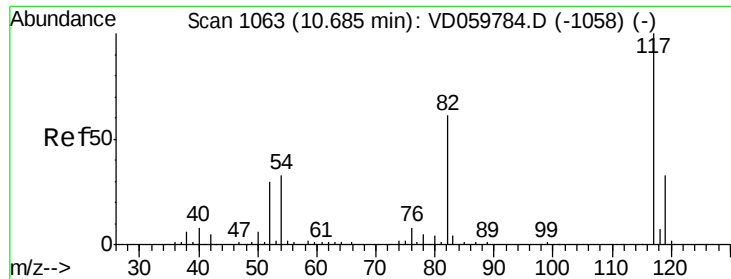


Abundance Ion 95.00 (94.70 to 95.70): VD

Ion 173.90 (173.60 to 174.60):

Ion 175.90 (175.60 to 176.60):

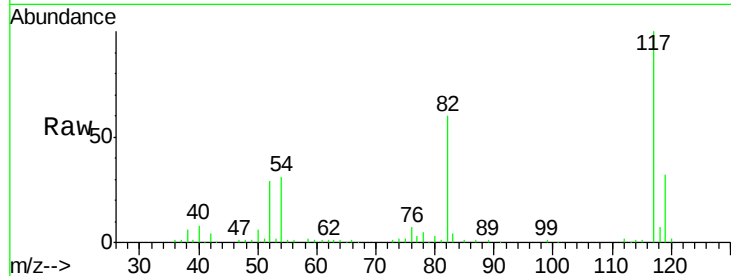




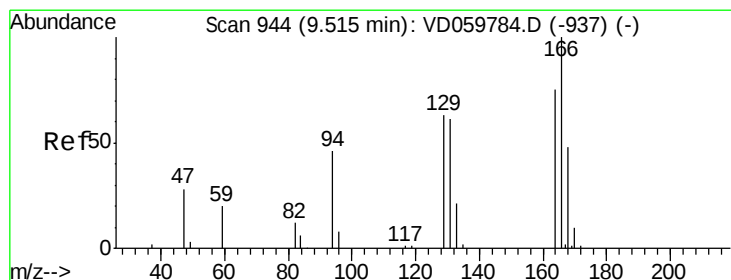
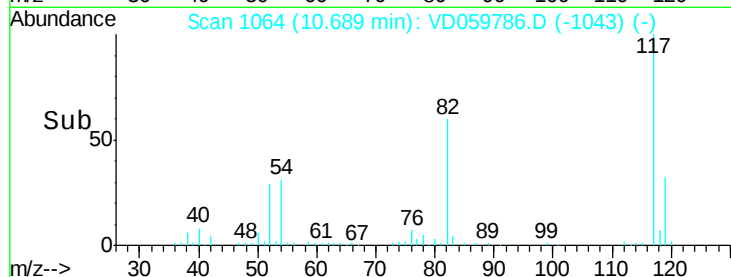
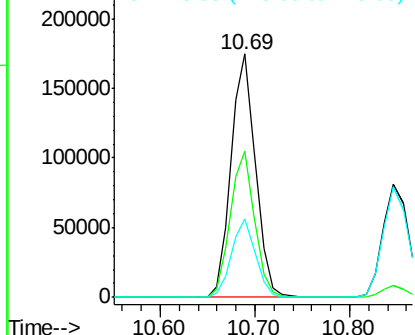
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1064
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 312397
Ion Ratio Lower Upper
117 100
82 60.3 49.0 73.6
119 32.1 26.2 39.2



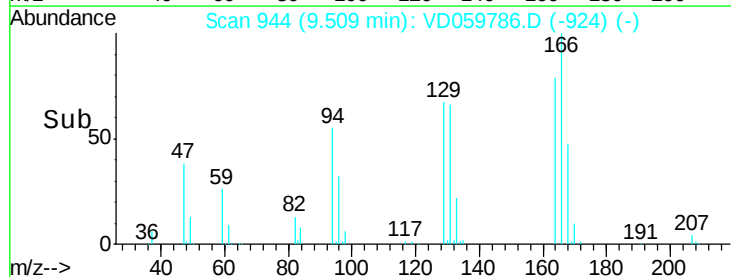
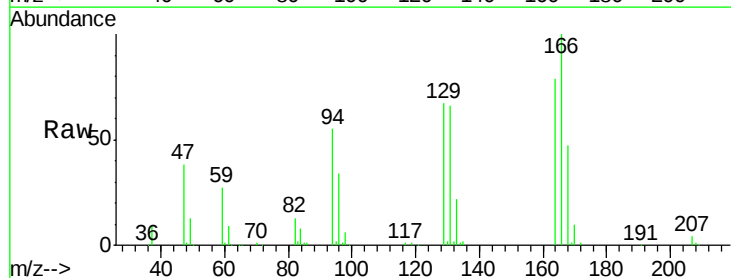
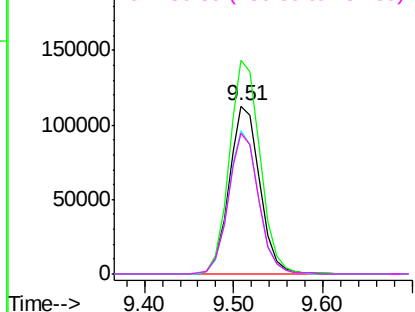
Abundance Ion 116.95 (116.65 to 117.65):
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65):

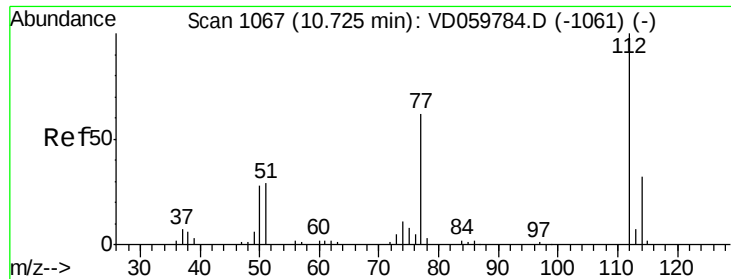


#64
Tetrachloroethene
Concen: 90.24 ug/l
RT: 9.51 min Scan# 944
Delta R.T. -0.01 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion:164 Resp: 269513
Ion Ratio Lower Upper
164 100
166 127.2 106.8 160.2
129 85.3 67.2 100.8
131 84.2 64.7 97.1

Abundance Ion 163.85 (163.55 to 164.55):
Ion 165.85 (165.55 to 166.55):
Ion 128.80 (128.50 to 129.50):
Ion 130.80 (130.50 to 131.50):

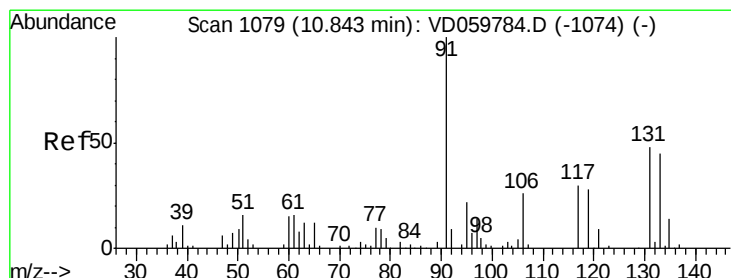
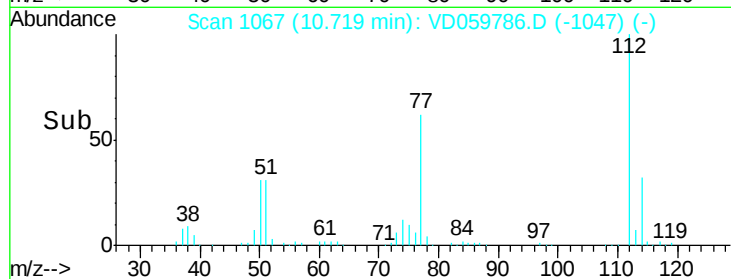
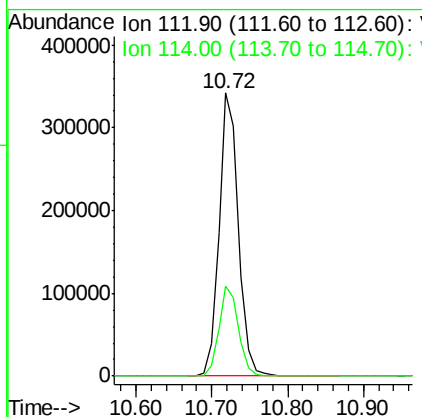
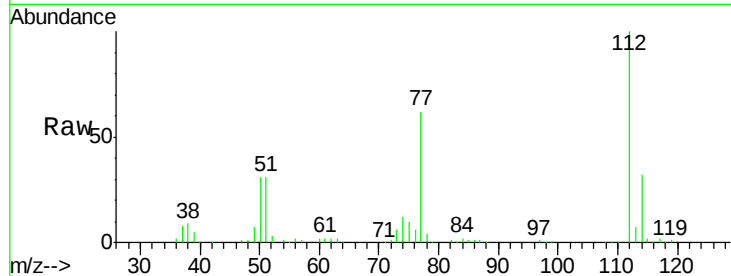




#65
Chlorobenzene
Concen: 96.10 ug/l
RT: 10.72 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

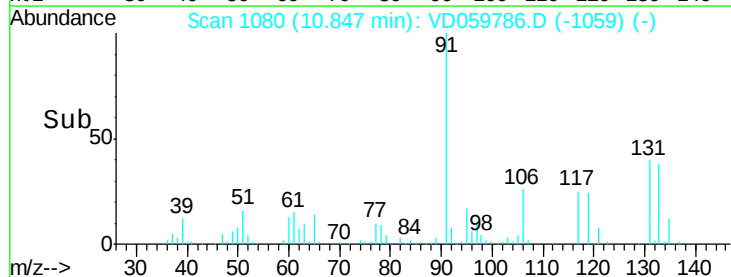
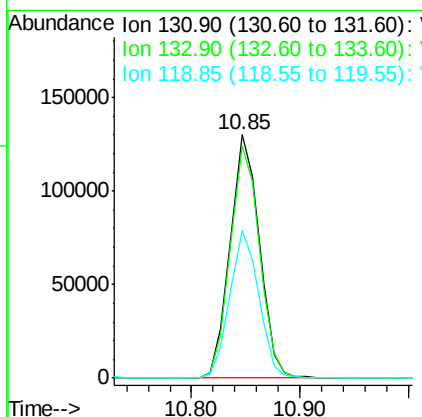
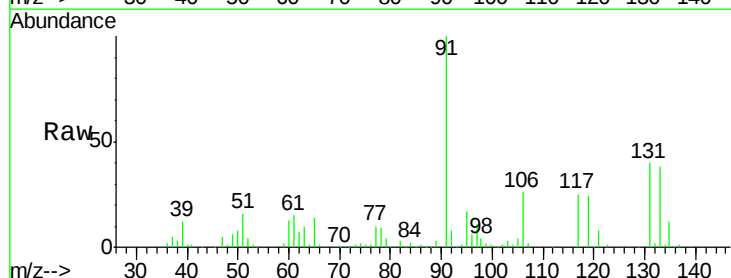
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

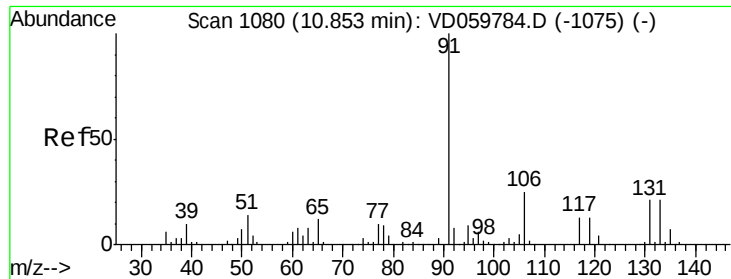
Tot Ion:112 Resp: 607541
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 79.46 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion:131 Resp: 245265
Ion Ratio Lower Upper
131 100
133 95.6 47.0 141.0
119 60.8 29.0 87.1

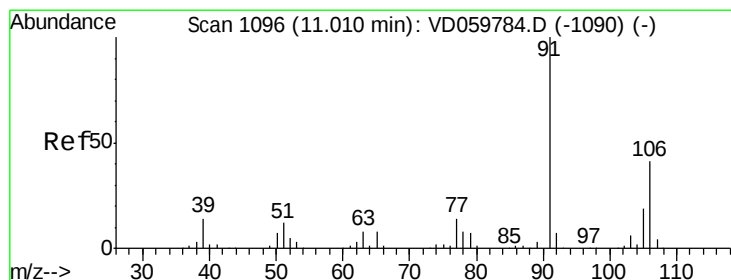
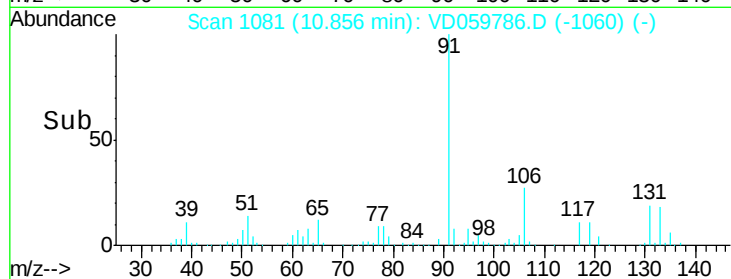
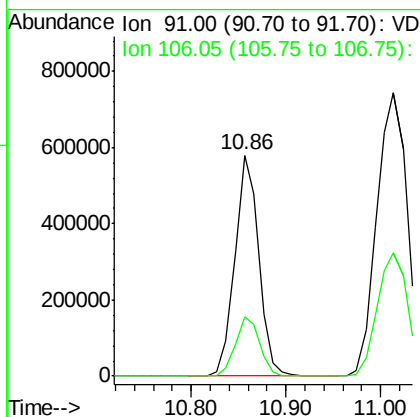
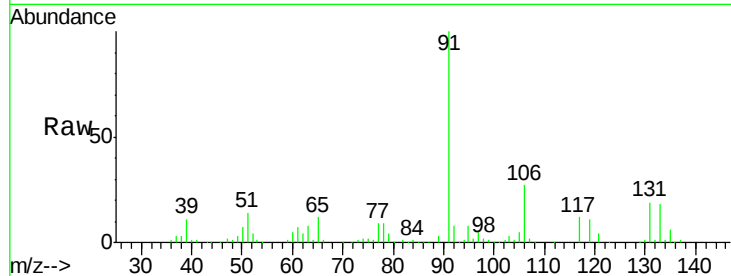




#67
Ethyl Benzene
Concen: 86.32 ug/l
RT: 10.86 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

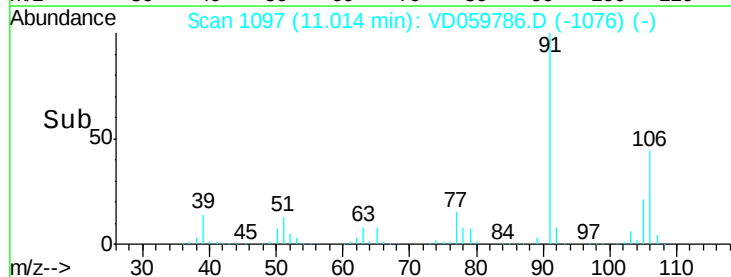
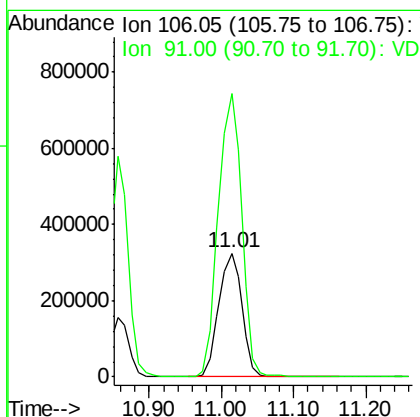
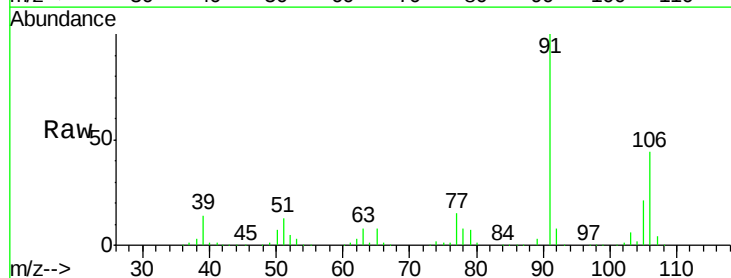
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

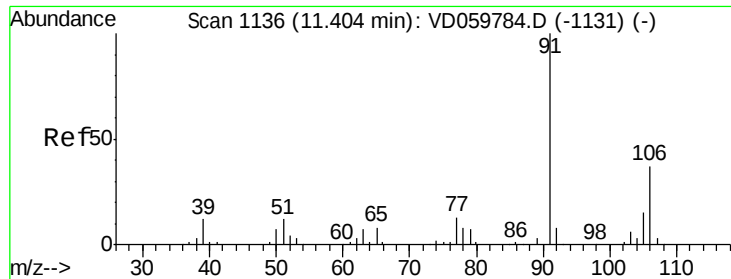
Tot Ion: 91 Resp: 1008522
Ion Ratio Lower Upper
91 100
106 27.2 20.1 30.1



#68
m/p-Xylenes
Concen: 188.42 ug/l
RT: 11.01 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion: 106 Resp: 721033
Ion Ratio Lower Upper
106 100
91 229.1 197.4 296.0

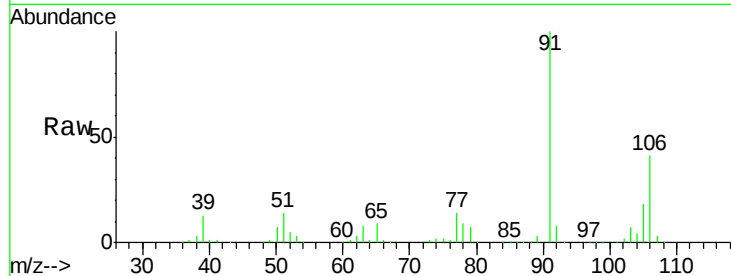




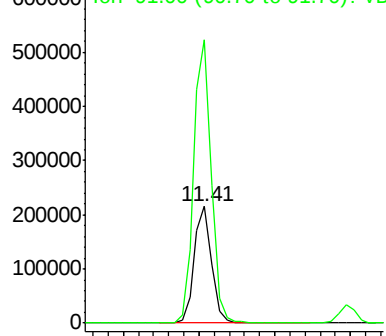
#69
o-Xylene
Concen: 93.00 ug/l
RT: 11.41 min Scan# 1137
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Instrument :
MSVOA_D
ClientSampled :
VSTDIC100

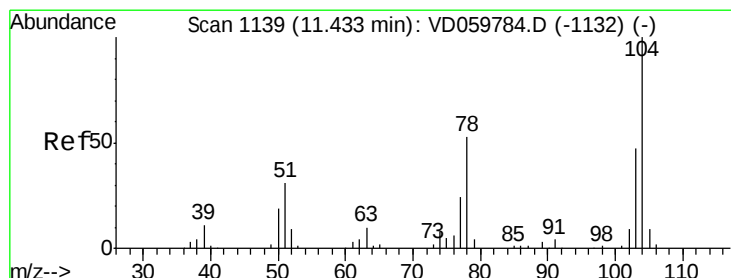
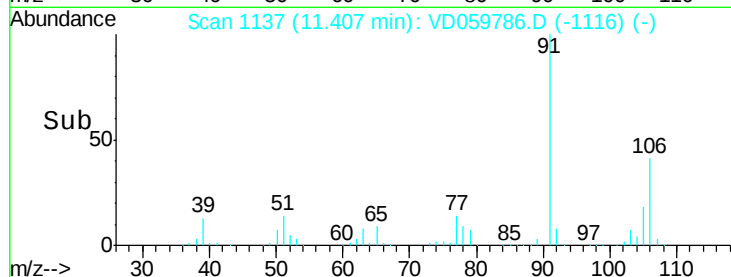
Tot Ion:106 Resp: 343852
Ion Ratio Lower Upper
106 100
91 242.1 133.7 401.1



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

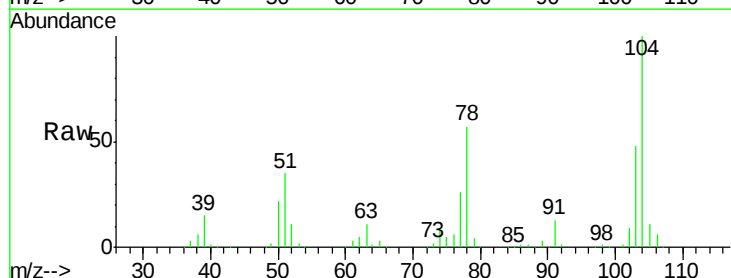


Time-->

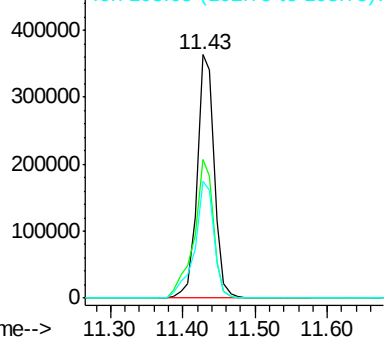


#70
Styrene
Concen: 97.40 ug/l
RT: 11.43 min Scan# 1139
Delta R.T. -0.01 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

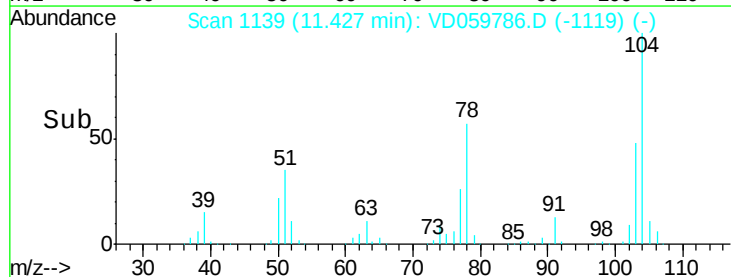
Tgt Ion:104 Resp: 596843
Ion Ratio Lower Upper
104 100
78 57.2 42.6 64.0
103 47.8 37.8 56.6

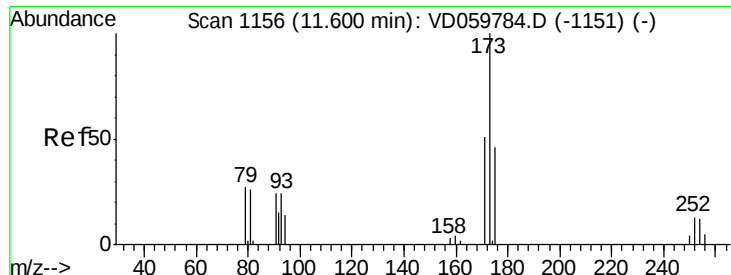


Abundance Ion 104.05 (103.75 to 104.75):
Ion 77.95 (77.65 to 78.65): VD
Ion 103.05 (102.75 to 103.75):



Time-->

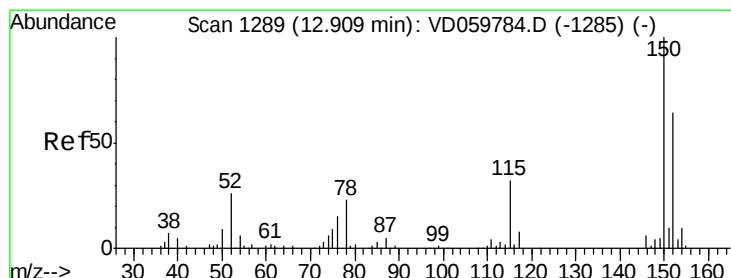
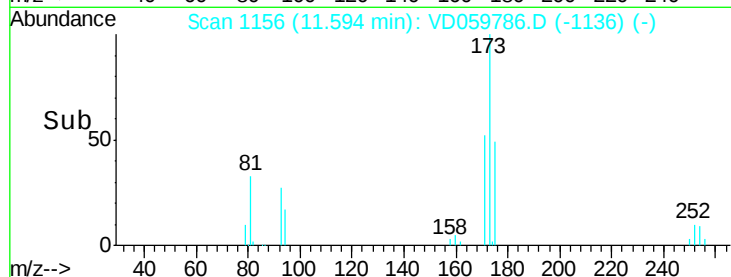
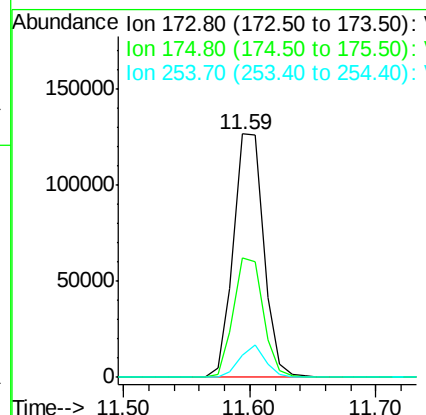
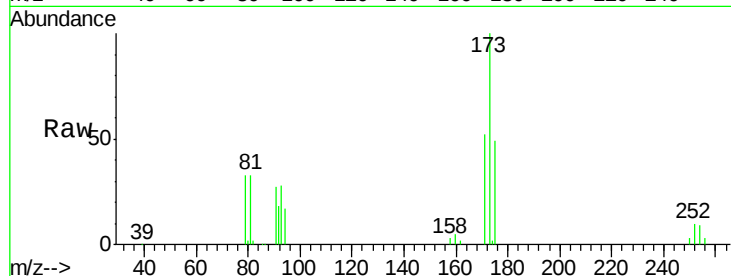




#71
Bromoform
Concen: 91.09 ug/l
RT: 11.59 min Scan# 1156
Delta R.T. -0.01 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

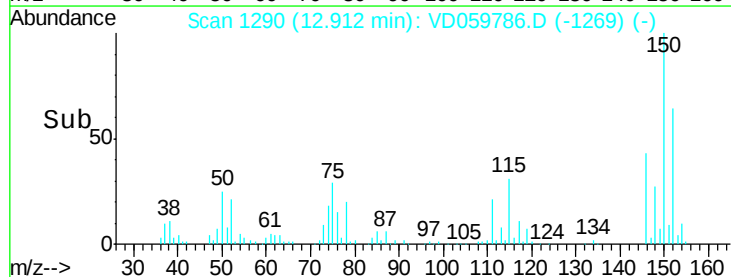
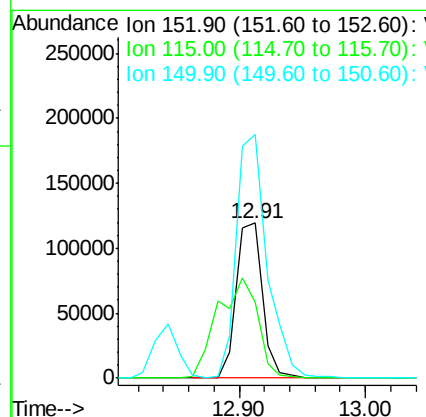
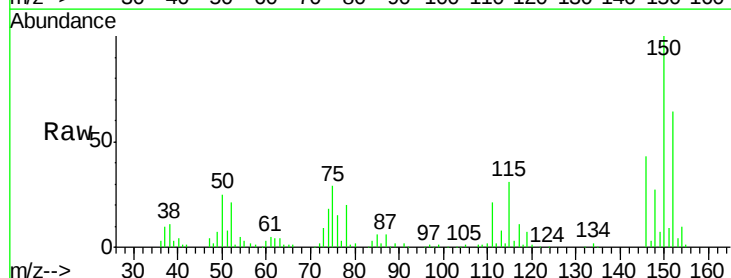
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

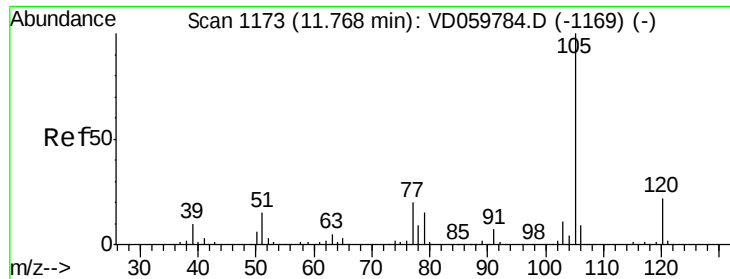
Tot Ion:173 Resp: 210017
Ion Ratio Lower Upper
173 100
175 48.9 23.1 69.2
254 9.4 9.7 14.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion:152 Resp: 169798
Ion Ratio Lower Upper
152 100
115 49.0 27.2 81.5
150 157.3 0.0 312.4





#73

Isopropylbenzene

Concen: 92.31 ug/l

RT: 11.77 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

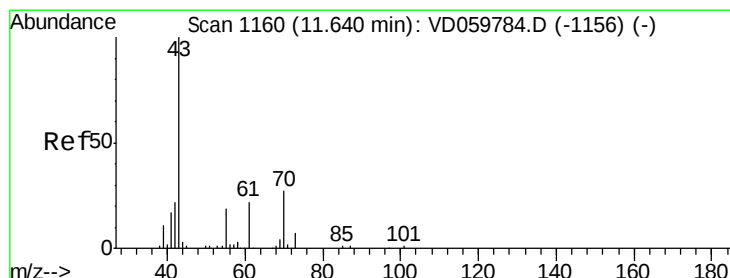
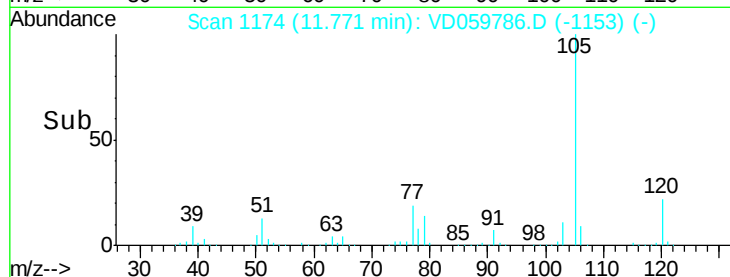
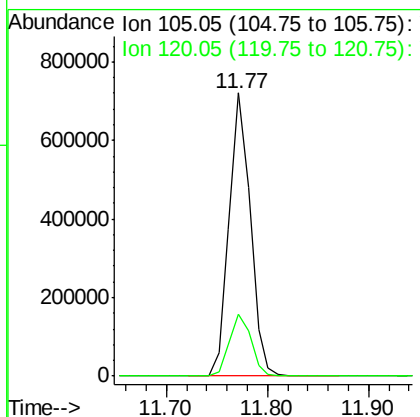
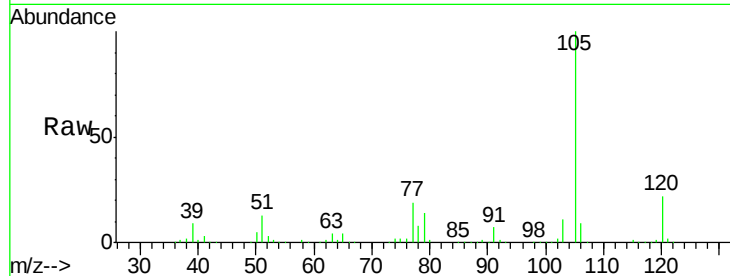
VSTDIC100

Tot Ion:105 Resp: 1053421

Ion Ratio Lower Upper

105 100

120 21.8 10.9 32.6



#74

N-ethyl acetate

Concen: 109.58 ug/l

RT: 11.64 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Tgt Ion: 43 Resp: 360908

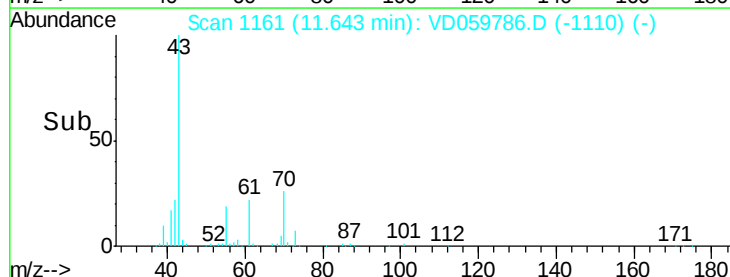
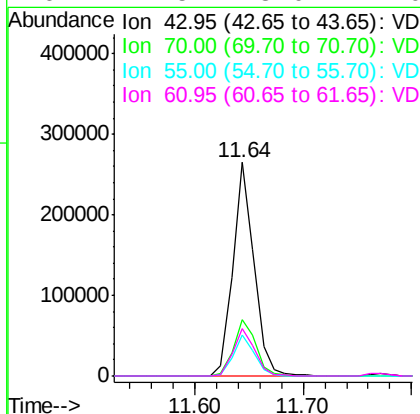
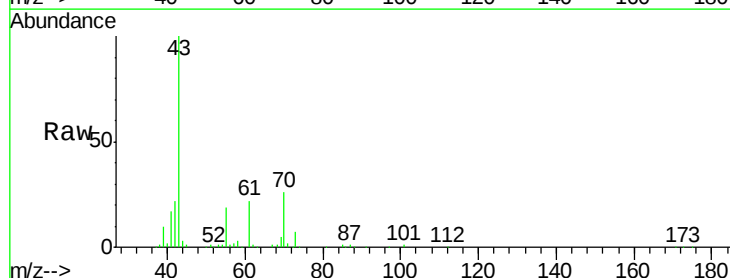
Ion Ratio Lower Upper

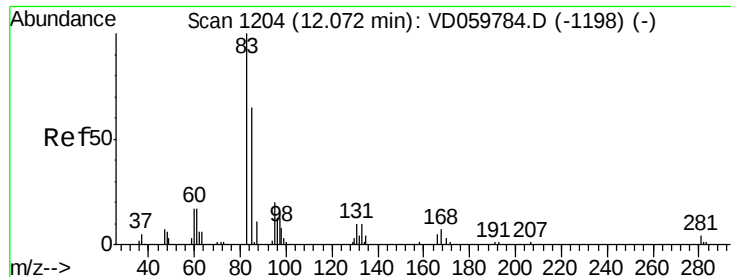
43 100

70 26.3 21.8 32.6

55 19.1 15.1 22.7

61 22.5 18.0 27.0





#75

1,1,2,2-Tetrachloroethane

Concen: 101.34 ug/l

RT: 12.08 min Scan# 1205

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

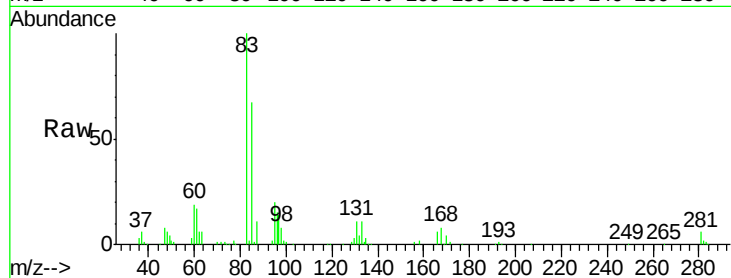
Tot Ion: 83 Resp: 214185

Ion Ratio Lower Upper

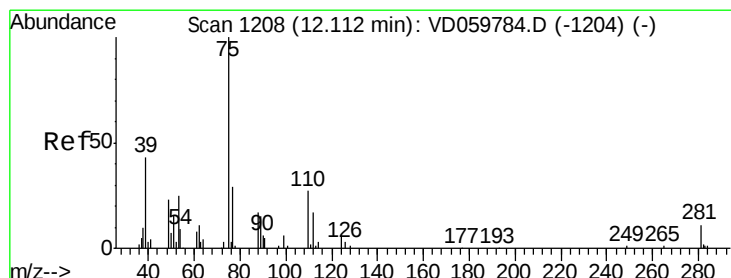
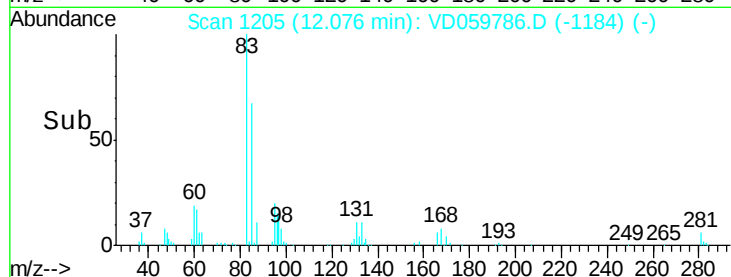
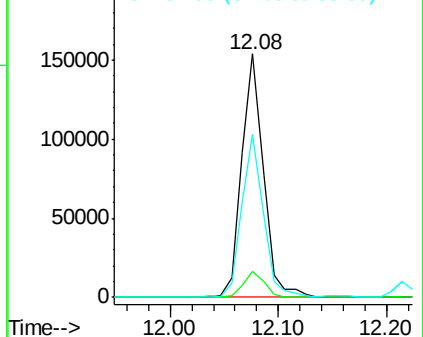
83 100

131 10.6 5.0 15.0

85 67.1 32.8 98.3



Abundance Ion 82.95 (82.65 to 83.65): VD
Ion 130.90 (130.60 to 131.60): VD
Ion 84.95 (84.65 to 85.65): VD



#76

1,2,3-Trichloropropane

Concen: 97.64 ug/l

RT: 12.12 min Scan# 1209

Delta R.T. 0.00 min

Lab File: VD059786.D

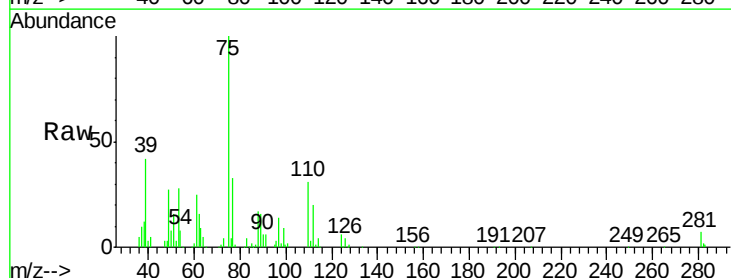
Acq: 15 Aug 2018 1:47

Tgt Ion: 75 Resp: 239254

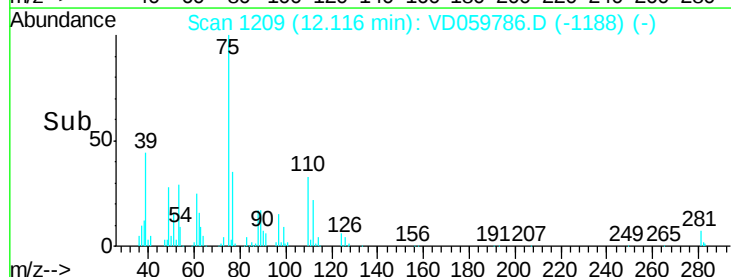
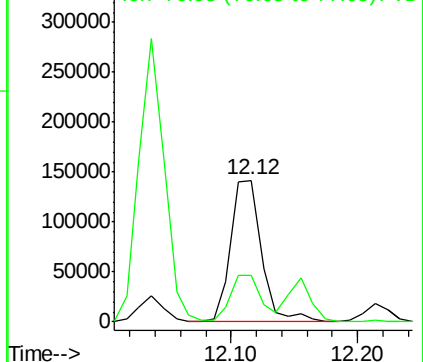
Ion Ratio Lower Upper

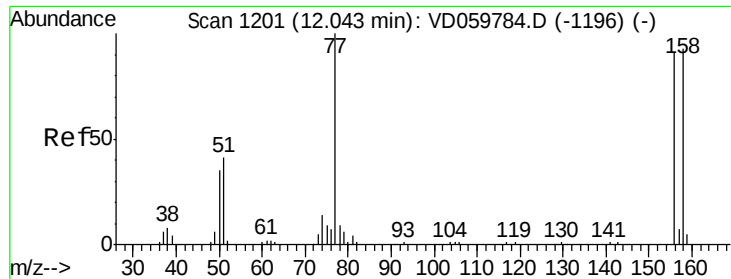
75 100

77 33.3 16.2 48.6



Abundance Ion 75.00 (74.70 to 75.70): VD
Ion 76.95 (76.65 to 77.65): VD





#77

Bromobenzene

Concen: 87.71 ug/l

RT: 12.04 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

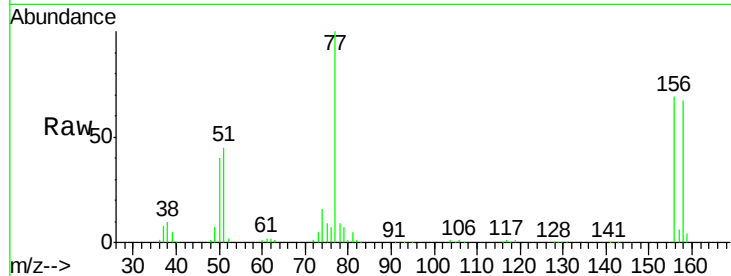
Tot Ion:156 Resp: 292531

Ion Ratio Lower Upper

156 100

77 145.2 54.9 164.8

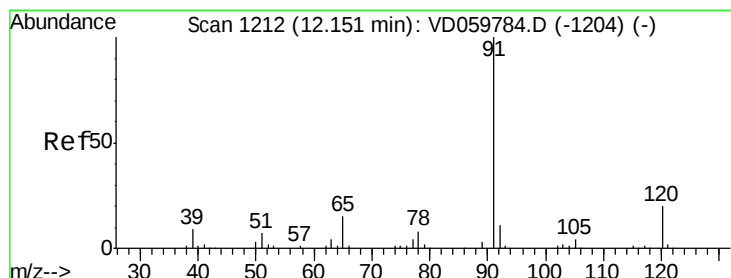
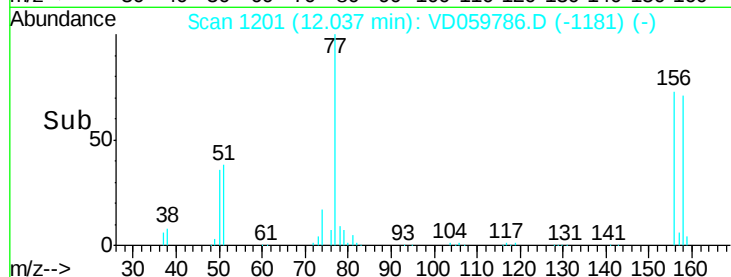
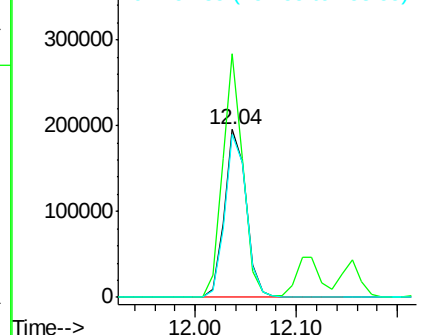
158 97.3 51.2 153.6



Abundance Ion 155.90 (155.60 to 156.60):

Ion 76.95 (76.65 to 77.65): VD

Ion 157.85 (157.55 to 158.55):



#78

n-propylbenzene

Concen: 88.53 ug/l

RT: 12.15 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VD059786.D

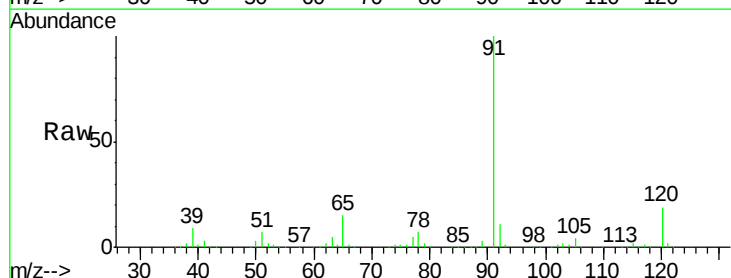
Acq: 15 Aug 2018 1:47

Tgt Ion: 91 Resp: 1231596

Ion Ratio Lower Upper

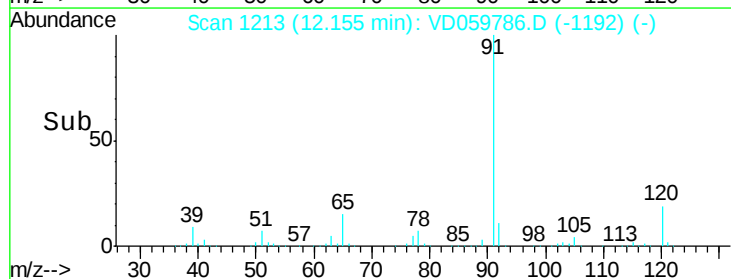
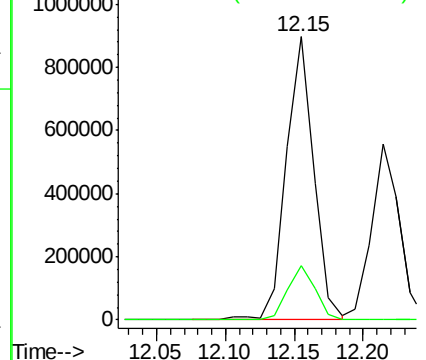
91 100

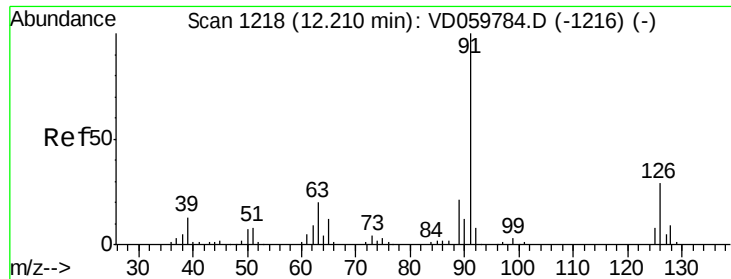
120 19.3 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): VD

Ion 120.05 (119.75 to 120.75):

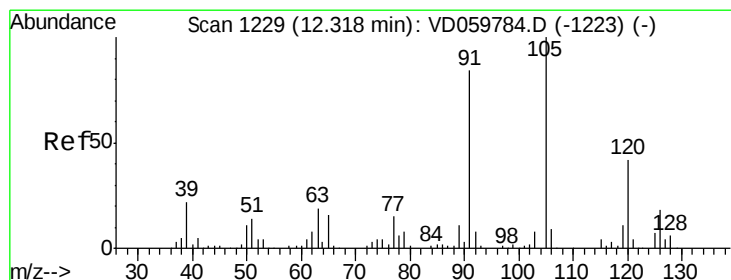
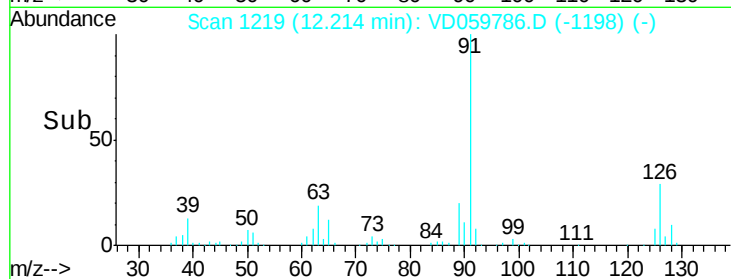
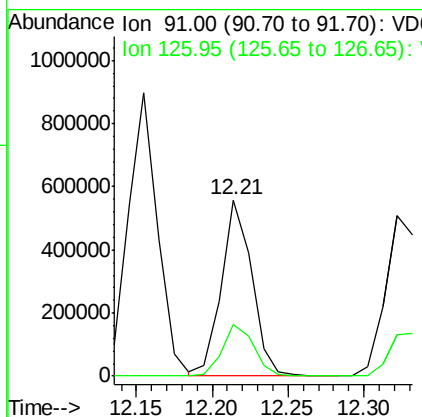
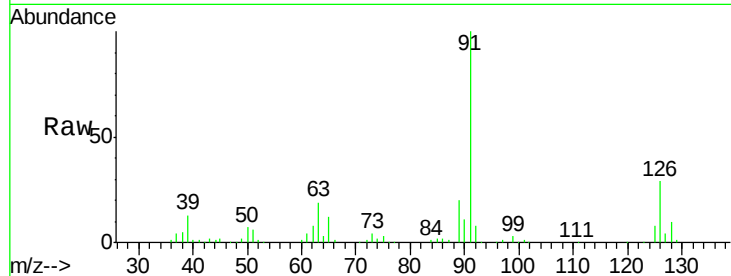




#79
 2-Chlorotoluene
 Concen: 88.49 ug/l
 RT: 12.21 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

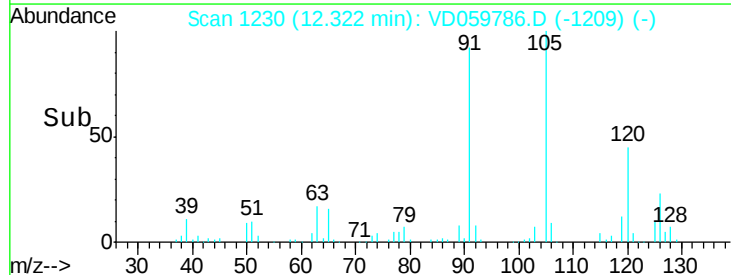
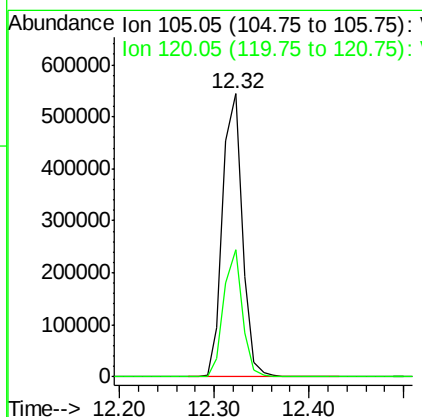
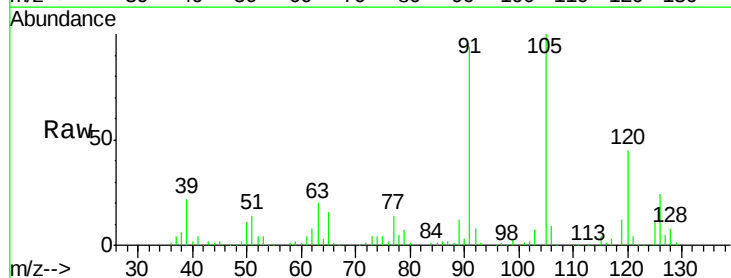
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

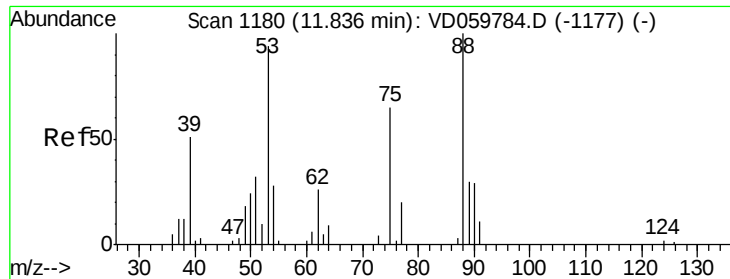
Tot Ion: 91 Resp: 777506
 Ion Ratio Lower Upper
 91 100
 126 29.0 14.0 41.9



#80
 1,3,5-Trimethylbenzene
 Concen: 80.58 ug/l
 RT: 12.32 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 105 Resp: 789007
 Ion Ratio Lower Upper
 105 100
 120 45.2 20.8 62.5





#81

trans-1,4-Dichloro-2-butene

Concen: 117.15 ug/l

RT: 11.84 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD059786.D

Acq: 15 Aug 2018 1:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

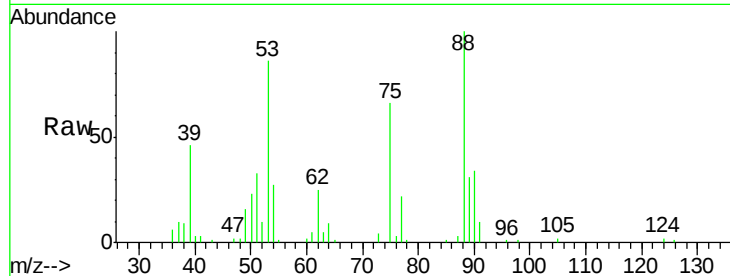
Tot Ion: 75 Resp: 66453

Ion Ratio Lower Upper

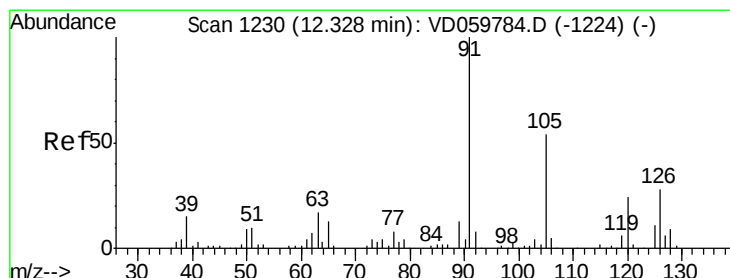
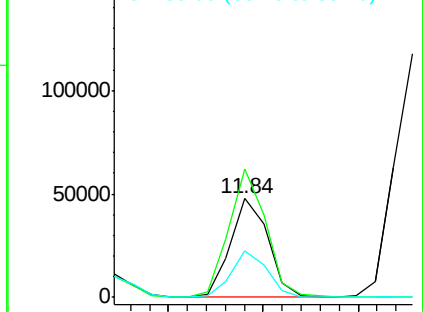
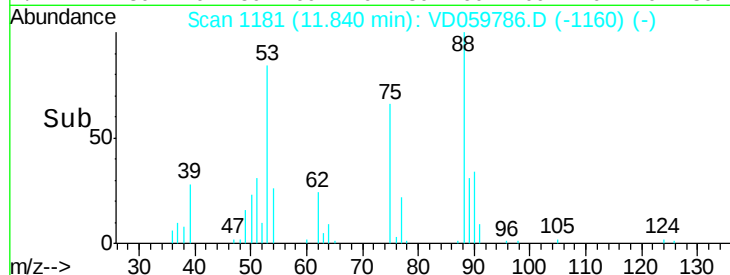
75 100

53 129.4 116.2 174.2

89 47.5 37.0 55.6



Abundance Ion 75.00 (74.70 to 75.70): VD
Ion 53.00 (52.70 to 53.70): VD
Ion 89.00 (88.70 to 89.70): VD



#82

4-Chlorotoluene

Concen: 77.10 ug/l

RT: 12.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: VD059786.D

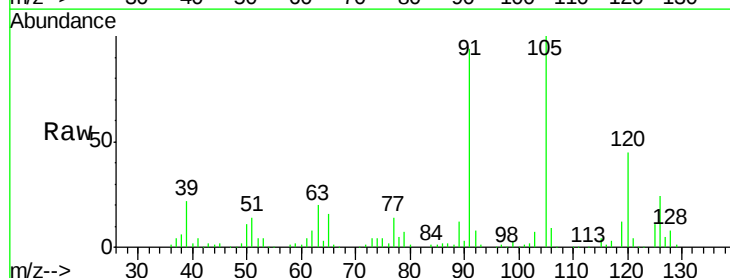
Acq: 15 Aug 2018 1:47

Tgt Ion: 91 Resp: 789736

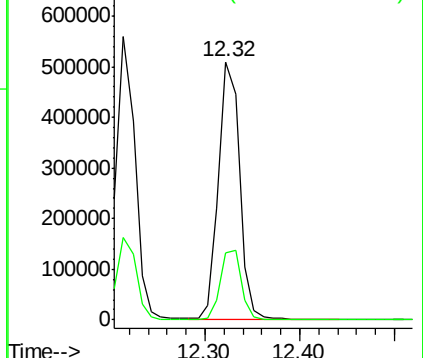
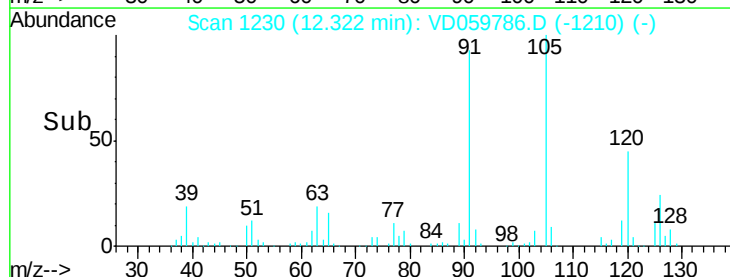
Ion Ratio Lower Upper

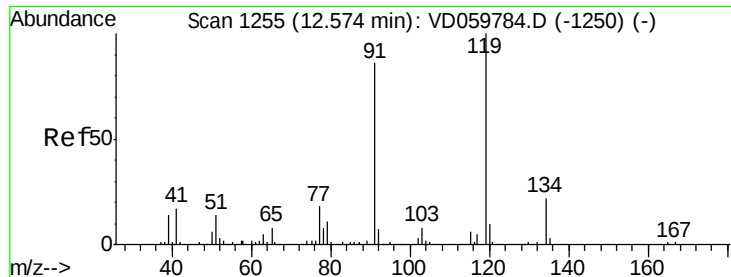
91 100

126 25.9 13.9 41.7



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

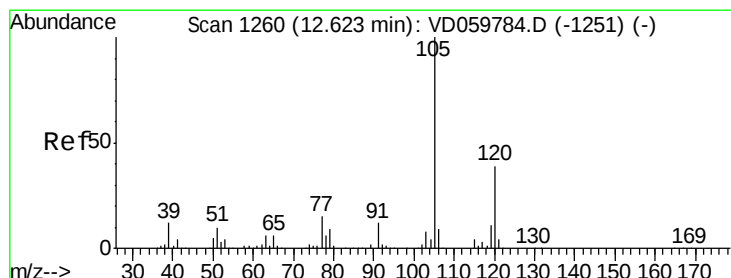
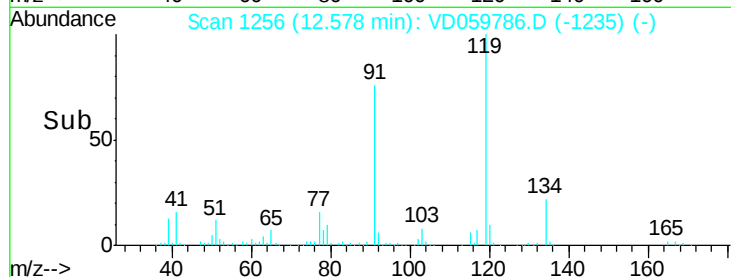
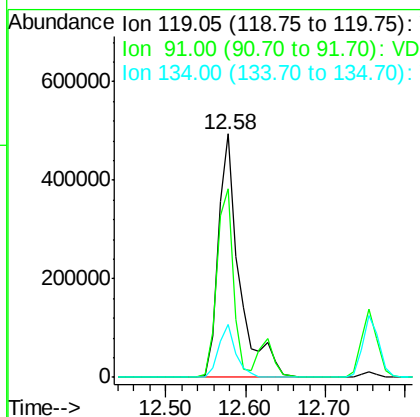
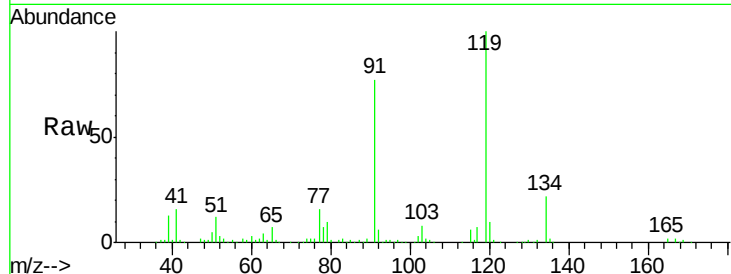




#83
 tert-Butylbenzene
 Concen: 85.84 ug/l
 RT: 12.58 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

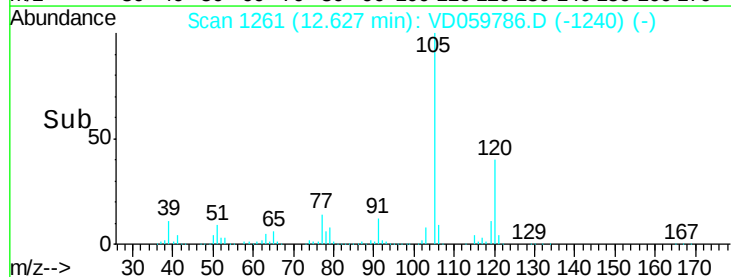
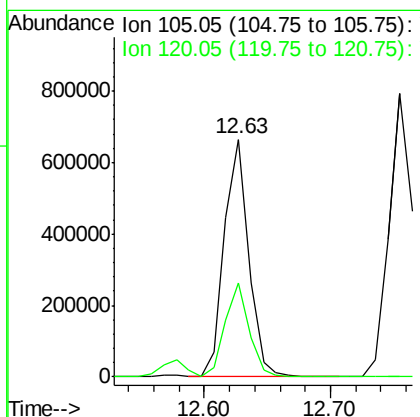
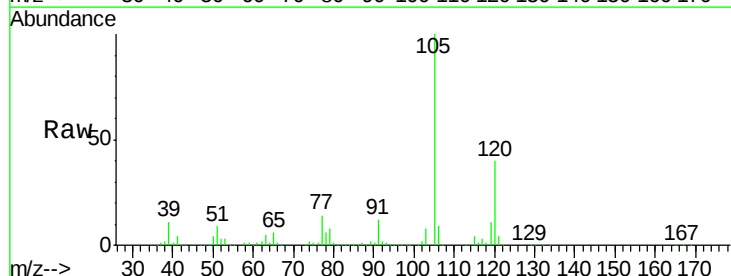
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

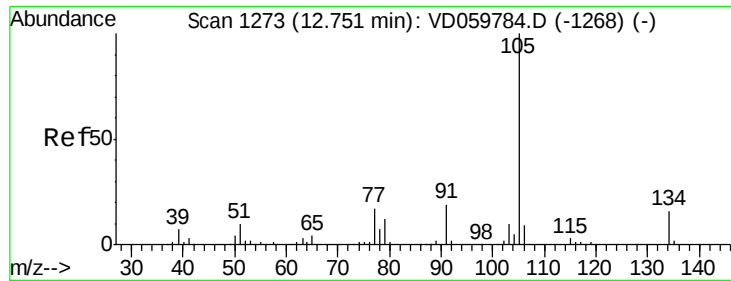
Tot Ion:119 Resp: 917296
 Ion Ratio Lower Upper
 119 100
 91 77.3 43.1 129.3
 134 21.5 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 87.35 ug/l
 RT: 12.63 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion:105 Resp: 883789
 Ion Ratio Lower Upper
 105 100
 120 39.5 19.6 58.8

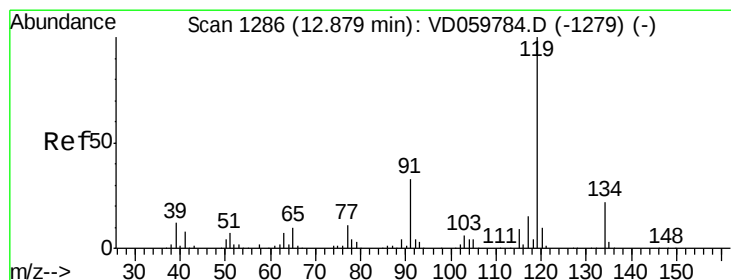
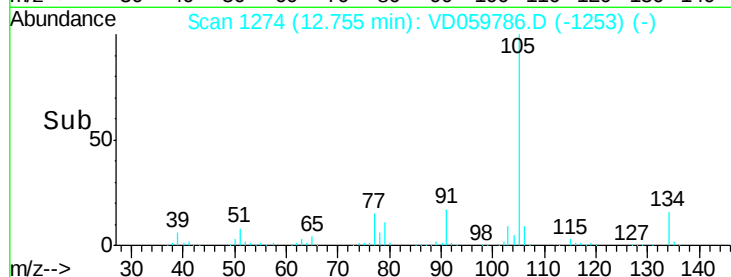
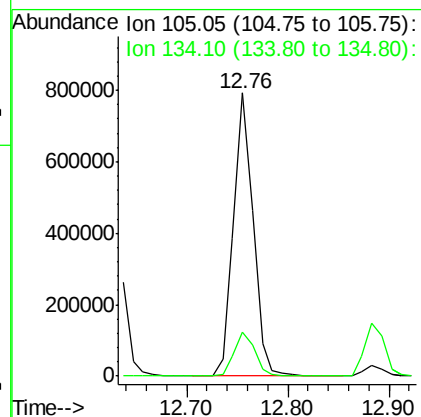
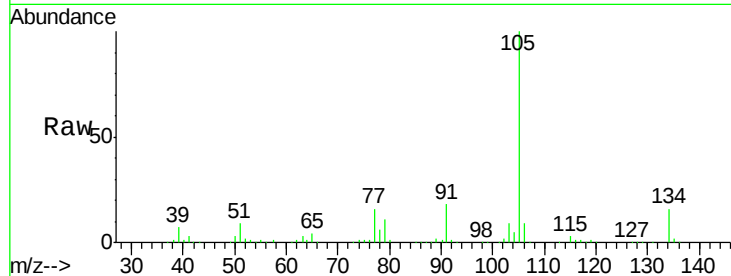




#85
 sec-Butylbenzene
 Concen: 92.60 ug/l
 RT: 12.76 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

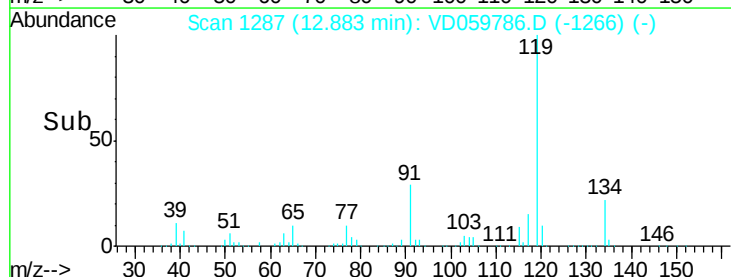
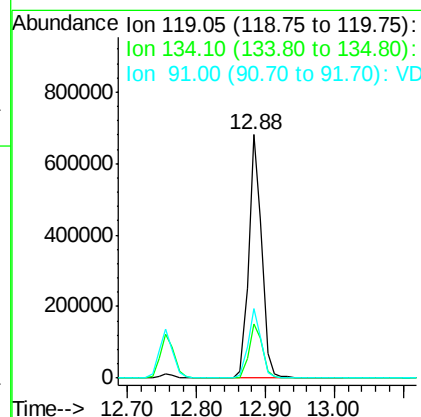
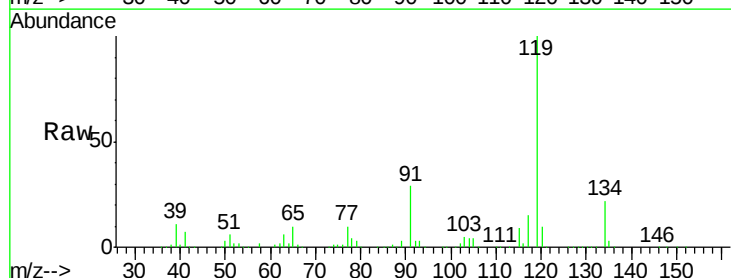
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

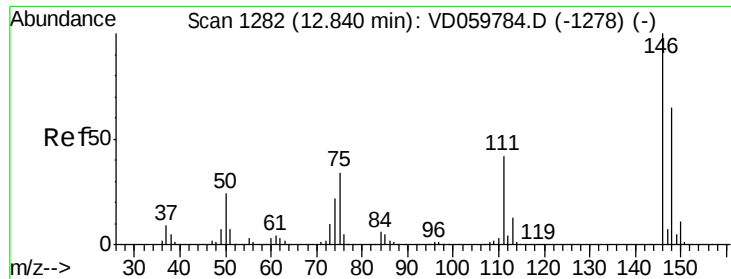
Tot Ion:105 Resp: 1062482
 Ion Ratio Lower Upper
 105 100
 134 15.7 8.2 24.4



#86
 p-Isopropyltoluene
 Concen: 85.99 ug/l
 RT: 12.88 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion:119 Resp: 881589
 Ion Ratio Lower Upper
 119 100
 134 22.0 10.9 32.6
 91 28.8 16.4 49.4

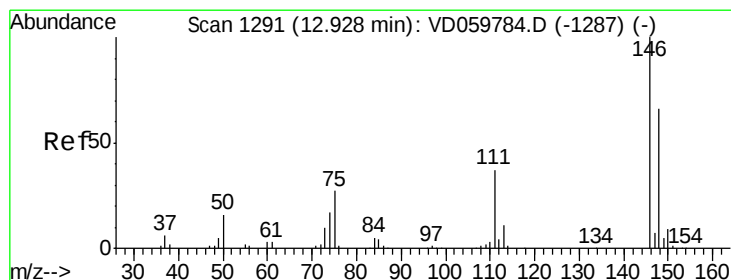
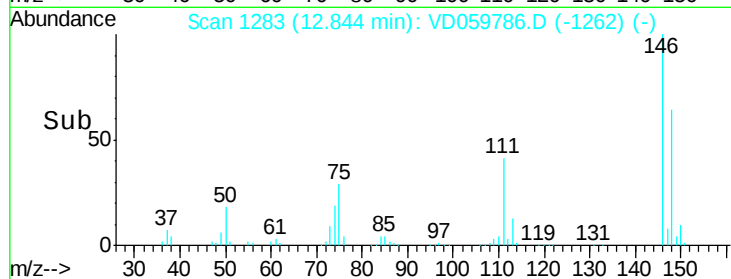
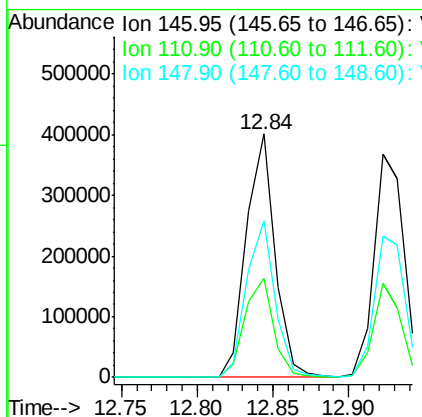
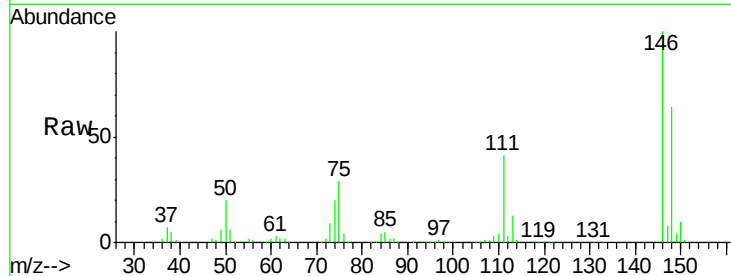




#87
 1,3-Dichlorobenzene
 Concen: 94.12 ug/l
 RT: 12.84 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

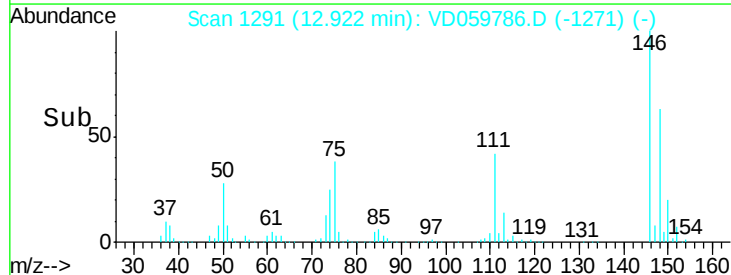
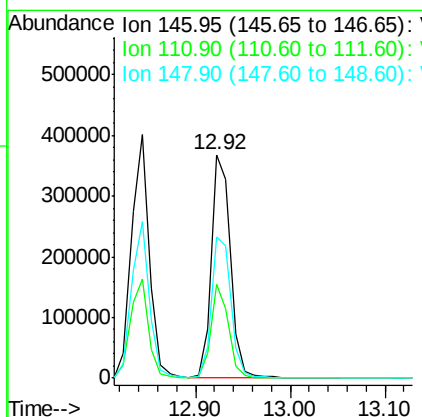
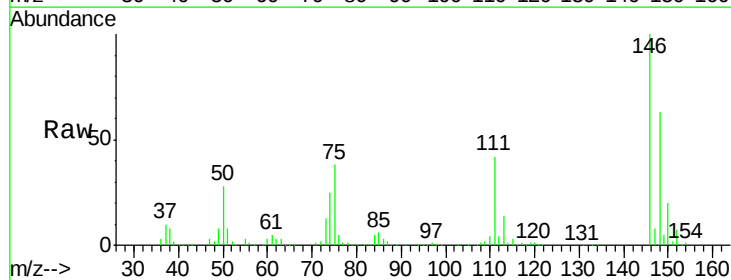
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

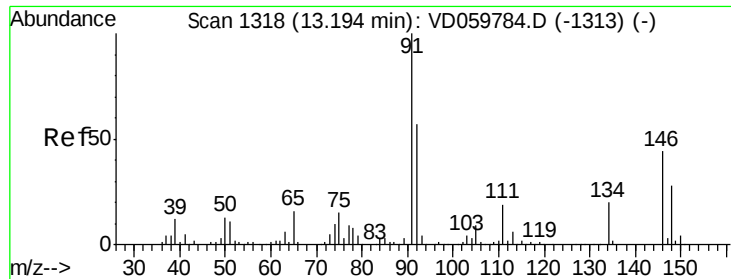
Tot Ion:146 Resp: 531039
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.9 62.8
 148 64.1 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 91.19 ug/l
 RT: 12.92 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion:146 Resp: 518623
 Ion Ratio Lower Upper
 146 100
 111 42.3 18.6 55.6
 148 63.2 33.0 99.0

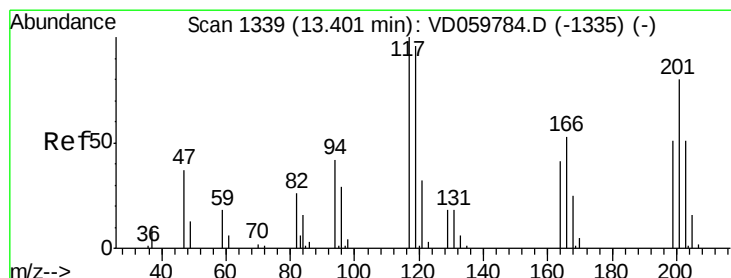
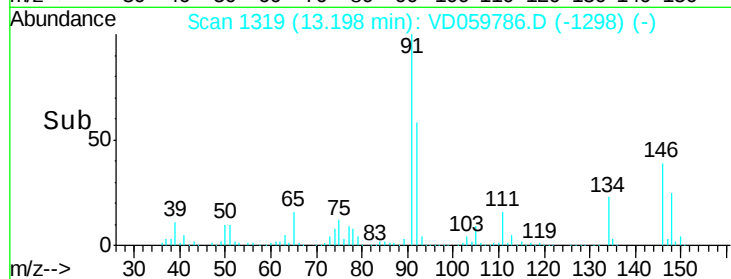
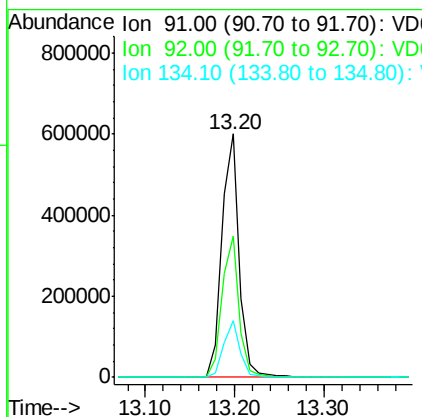
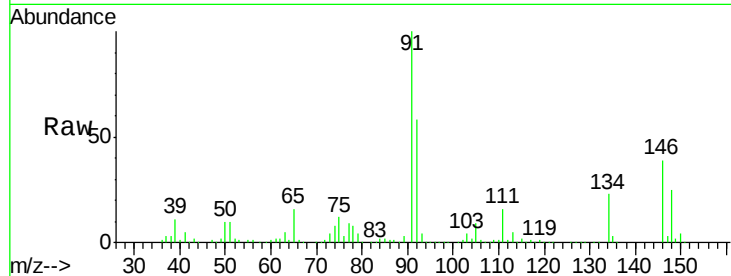




#89
n-Butylbenzene
Concen: 80.34 ug/l
RT: 13.20 min Scan# 1319
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

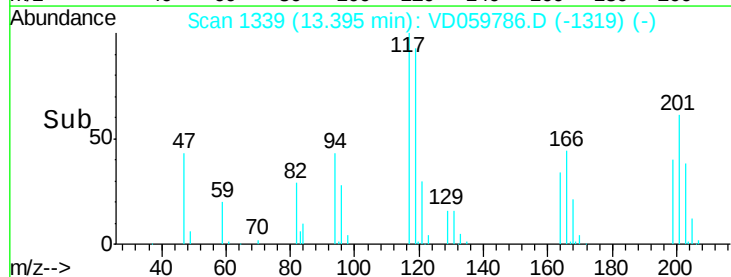
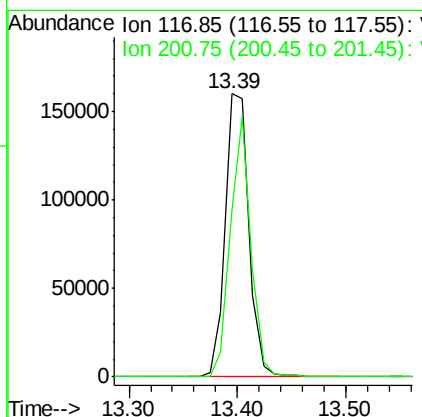
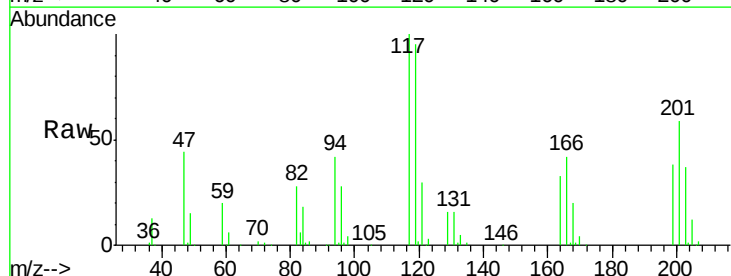
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

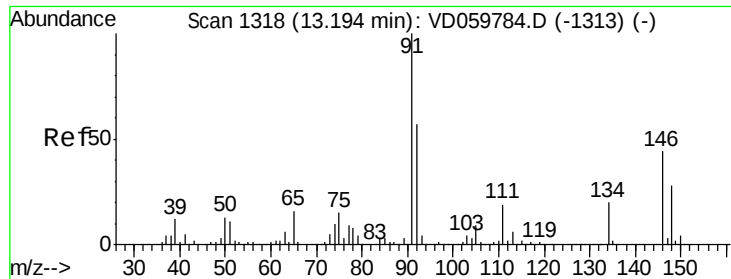
Tot Ion: 91 Resp: 821906
Ion Ratio Lower Upper
91 100
92 58.1 28.4 85.3
134 23.3 10.2 30.4



#90
Hexachloroethane
Concen: 92.76 ug/l
RT: 13.39 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion: 117 Resp: 244107
Ion Ratio Lower Upper
117 100
201 59.1 39.9 119.7

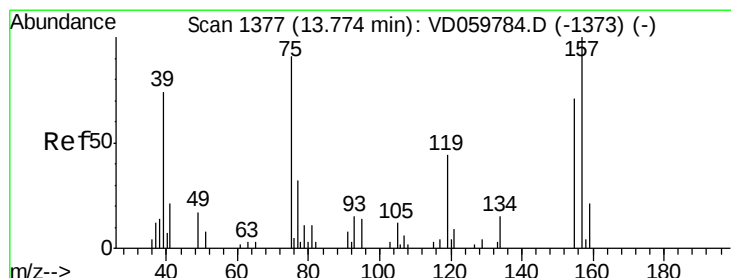
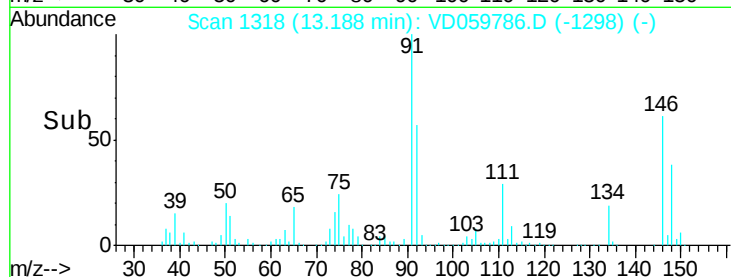
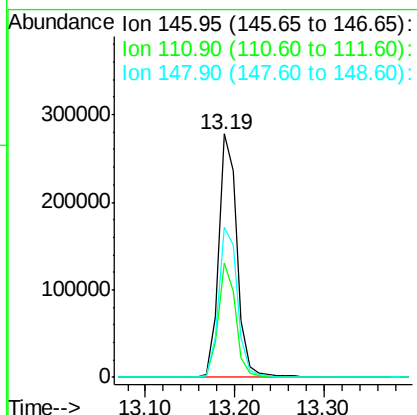
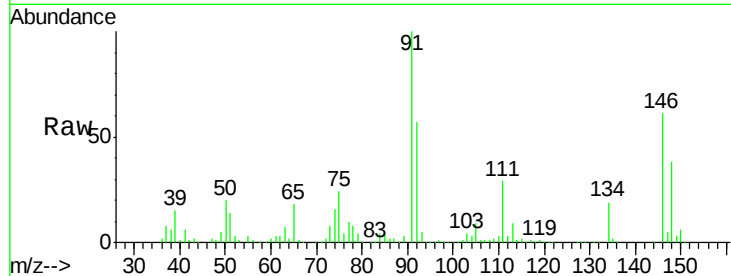




#91
 1,2-Dichlorobenzene
 Concen: 83.57 ug/l
 RT: 13.19 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

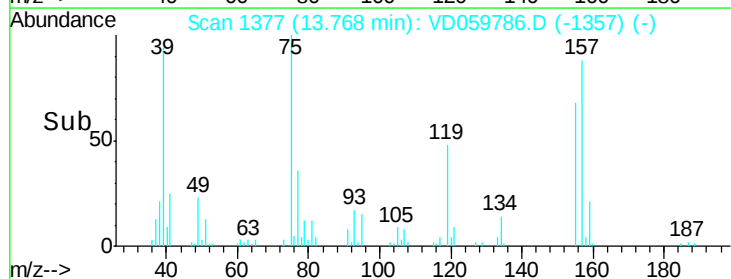
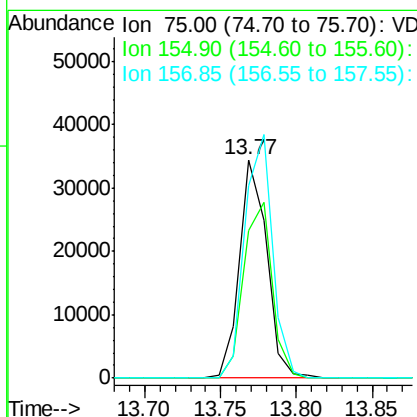
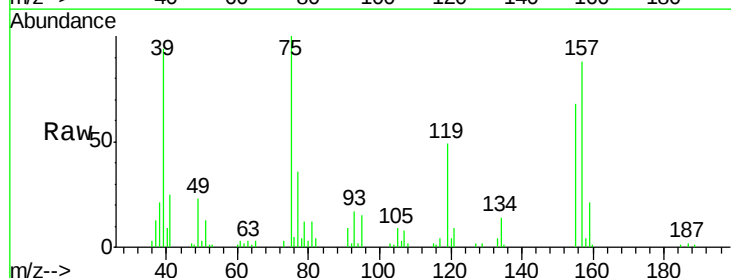
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

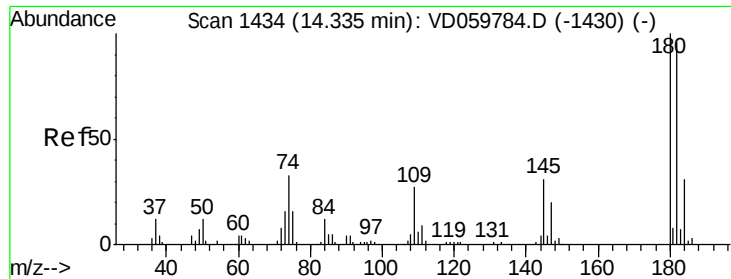
Tot Ion:146 Resp: 403871
 Ion Ratio Lower Upper
 146 100
 111 46.9 21.1 63.1
 148 61.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 85.96 ug/l
 RT: 13.77 min Scan# 1377
 Delta R.T. -0.01 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion: 75 Resp: 43031
 Ion Ratio Lower Upper
 75 100
 155 67.5 39.0 117.0
 157 87.8 54.8 164.3

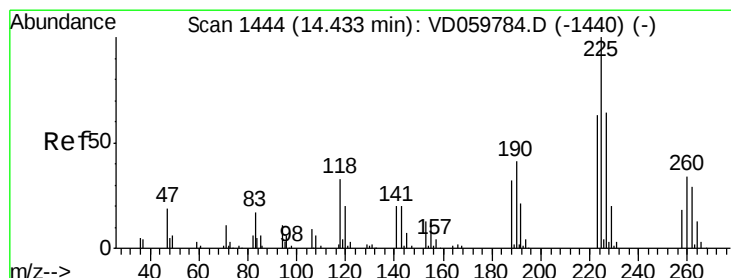
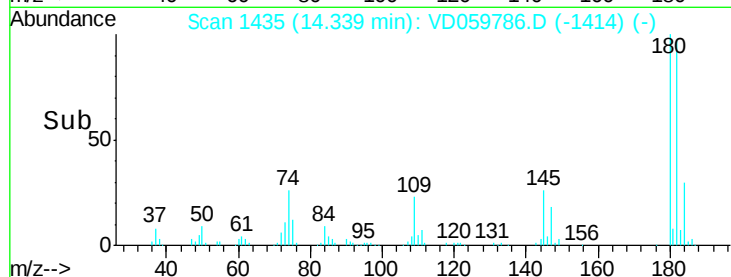
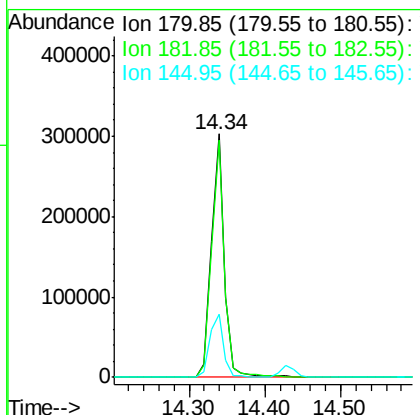
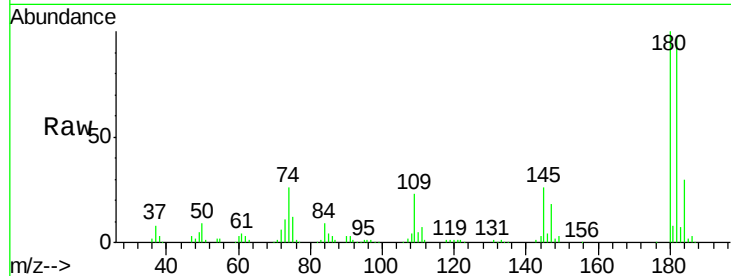




#93
 1,2,4-Trichlorobenzene
 Concen: 82.27 ug/l
 RT: 14.34 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

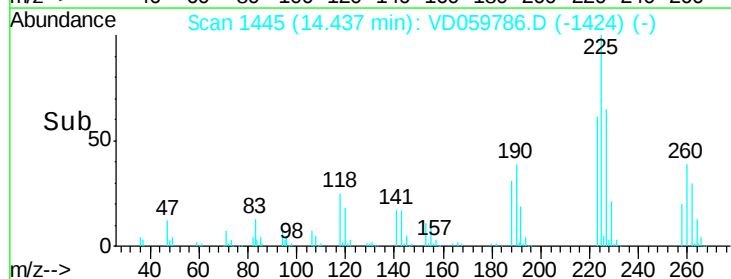
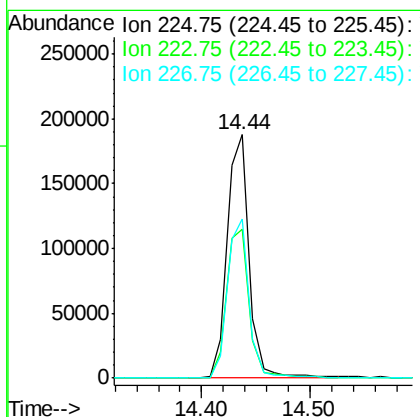
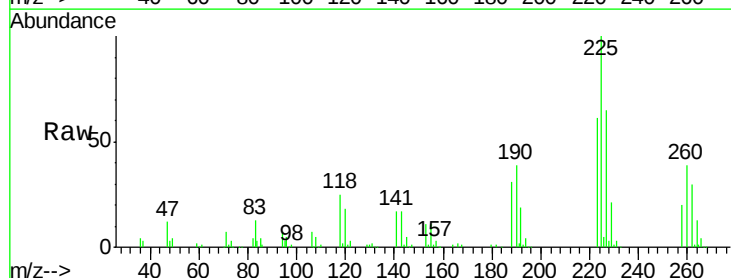
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

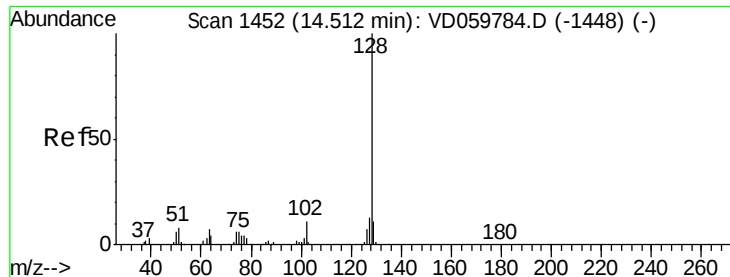
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	48.0	144.0
145	26.2	15.5	46.5



#94
 Hexachlorobutadiene
 Concen: 72.42 ug/l
 RT: 14.44 min Scan# 1445
 Delta R.T. 0.00 min
 Lab File: VD059786.D
 Acq: 15 Aug 2018 1:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.4	94.2
227	65.3	32.1	96.5

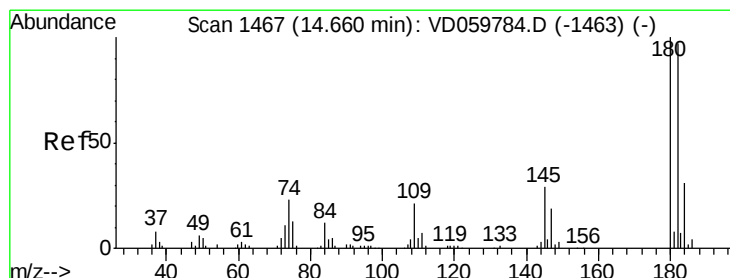
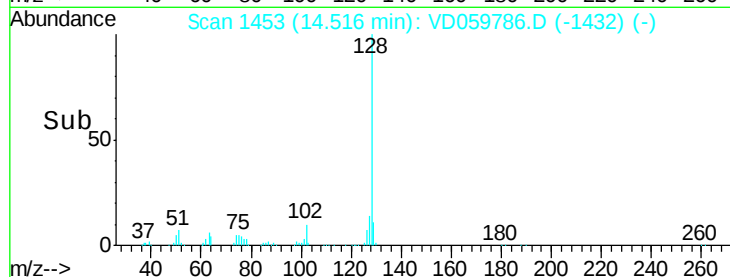
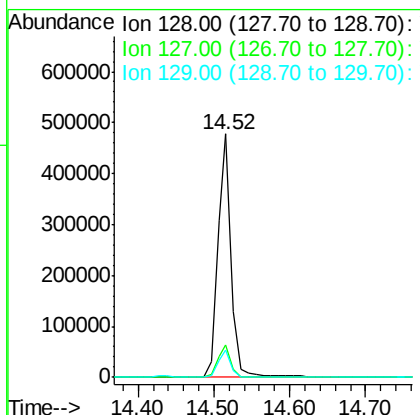
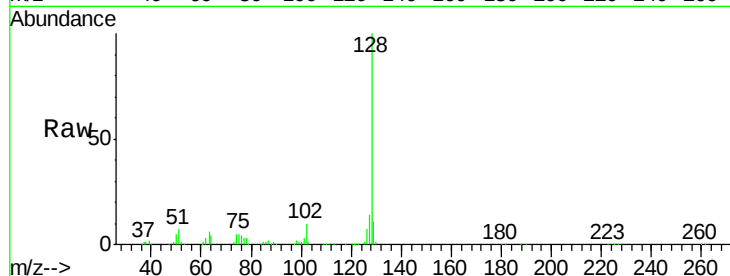




#95
Naphthalene
Concen: 96.51 ug/l
RT: 14.52 min Scan# 1453
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 591307
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.4 9.1 13.7



#96
1,2,3-Trichlorobenzene
Concen: 86.85 ug/l
RT: 14.66 min Scan# 1468
Delta R.T. 0.00 min
Lab File: VD059786.D
Acq: 15 Aug 2018 1:47

Tgt Ion:180 Resp: 332982
Ion Ratio Lower Upper
180 100
182 96.3 48.5 145.5
145 27.3 14.3 42.9

