

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
 Data File : VD057960.D
 Acq On : 6 Jun 2018 19:18
 Operator : JC/SY
 Sample : VSTDICCC050
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 07 08:21:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:19:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	921603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.70	114	1244459	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	974340	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.91	152	499686	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	448767	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
35) Dibromofluoromethane	5.56	113	466059	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	
50) Toluene-d8	8.71	98	1083651	47.34	ug/l	0.00
Spiked Amount			Recovery	=	94.68%	
62) 4-Bromofluorobenzene	11.93	95	477571	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	603876	48.82	ug/l	100
3) Chloromethane	1.49	50	278576	45.73	ug/l	100
4) Vinyl Chloride	1.56	62	287624	48.78	ug/l	100
5) Bromomethane	1.81	94	127845	55.32	ug/l	100
6) Chloroethane	1.90	64	129848	55.81	ug/l	100
7) Trichlorofluoromethane	2.09	101	413610	51.31	ug/l	100
8) Diethyl Ether	2.35	74	79265	52.94	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.57	101	250607	52.12	ug/l	100
10) Methyl Iodide	2.70	142	318001	51.26	ug/l	100
11) Tert butyl alcohol	3.27	59	70818	286.92	ug/l	100
12) 1,1-Dichloroethene	2.56	96	189768	51.34	ug/l	100
13) Acrolein	2.48	56	84700	239.61	ug/l	100
14) Allyl chloride	2.93	41	421789	49.47	ug/l	100
15) Acrylonitrile	3.36	53	353991	245.15	ug/l	100
16) Acetone	2.62	43	338090	254.69	ug/l	100
17) Carbon Disulfide	2.76	76	679916	50.78	ug/l	100
18) Methyl Acetate	2.94	43	117440	45.73	ug/l	100
19) Methyl tert-butyl Ether	3.41	73	824140	50.67	ug/l	100
20) Methylene Chloride	3.08	84	193302	42.61	ug/l	100
21) trans-1,2-Dichloroethene	3.39	96	417639	50.73	ug/l	100
22) Diisopropyl ether	4.08	45	1735884	51.39	ug/l	100
23) Vinyl Acetate	4.02	43	4678109	268.04	ug/l	100
24) 1,1-Dichloroethane	3.98	63	921040	49.61	ug/l	100
25) 2-Butanone	4.84	43	779615	258.42	ug/l	100
26) 2,2-Dichloropropane	4.80	77	769382	50.31	ug/l	100
27) cis-1,2-Dichloroethene	4.81	96	489482	50.13	ug/l	100
28) Bromochloromethane	5.16	49	408171	50.80	ug/l	100
29) Tetrahydrofuran	5.19	42	402107	254.27	ug/l	100
30) Chloroform	5.33	83	941816	50.41	ug/l	100
31) Cyclohexane	5.60	56	743301	46.39	ug/l	100
32) 1,1,1-Trichloroethane	5.52	97	788039	50.37	ug/l	100
36) 1,1-Dichloropropene	5.76	75	675591	49.27	ug/l	100
37) Ethyl Acetate	4.94	43	370241	49.49	ug/l	100
38) Carbon Tetrachloride	5.73	117	674659	49.93	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.29	83	692644	50.96	µg/l	100
40) Benzene	6.02	78	1589610	49.63	µg/l	100
41) Methacrylonitrile	5.14	41	175351	51.26	µg/l	100
42) 1,2-Dichloroethane	6.14	62	662783	51.18	µg/l	100
43) Isopropyl Acetate	7.62	43	506770	51.72	µg/l	100
44) Trichloroethene	6.99	130	480648	51.38	µg/l	100
45) 1,2-Dichloropropane	7.35	63	452549	50.84	µg/l	100
46) Dibromomethane	7.47	93	291707	51.01	µg/l	100
47) Bromodichloromethane	7.74	83	702667	52.48	µg/l	100
48) Methyl methacrylate	7.51	41	304560	50.50	µg/l	100
49) 1,4-Dioxane	7.50	88	50644	1013.59	µg/l	100
51) 4-Methyl-2-Pentanone	8.60	43	1605166	255.38	µg/l	100
52) Toluene	8.81	92	903312	49.14	µg/l	100
53) t-1,3-Dichloropropene	9.19	75	586510	50.84	µg/l	100
54) cis-1,3-Dichloropropene	8.36	75	713046	52.47	µg/l	100
55) 1,1,2-Trichloroethane	9.46	97	297740	50.05	µg/l	100
56) Ethyl methacrylate	9.32	69	377413	51.72	µg/l	100
57) 1,3-Dichloropropane	9.66	76	529180	50.72	µg/l	100
58) 2-Chloroethyl Vinyl ether	8.20	63	911933	247.34	µg/l	100
59) 2-Hexanone	9.79	43	1172020	254.45	µg/l	100
60) Dibromochloromethane	9.96	129	441219	52.59	µg/l	100
61) 1,2-Dibromoethane	10.10	107	346343	50.62	µg/l	100
64) Tetrachloroethene	9.52	164	434294	49.86	µg/l	100
65) Chlorobenzene	10.73	112	980466	49.71	µg/l	100
66) 1,1,1,2-Tetrachloroethane	10.85	131	392823	51.84	µg/l	100
67) Ethyl Benzene	10.86	91	1768856	49.64	µg/l	100
68) m/p-Xylenes	11.01	106	1111634	95.69	µg/l	100
69) o-Xylene	11.41	106	573265	49.71	µg/l	100
70) Styrene	11.44	104	958350	50.20	µg/l	100
71) Bromoform	11.60	173	309782	54.34	µg/l	100
73) Isopropylbenzene	11.77	105	1651332	49.89	µg/l	100
74) N-amyl acetate	11.64	43	664397	52.02	µg/l	100
75) 1,1,2,2-Tetrachloroethane	12.08	83	361770	50.13	µg/l	100
76) 1,2,3-Trichloropropane	12.12	75	380984	50.76	µg/l	100
77) Bromobenzene	12.04	156	497364	50.77	µg/l	100
78) n-propylbenzene	12.15	91	2087435	48.47	µg/l	100
79) 2-Chlorotoluene	12.21	91	1227475	49.96	µg/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	1238605	39.05	µg/l	100
81) trans-1,4-Dichloro-2-buten	11.84	75	106735	57.41	µg/l	100
82) 4-Chlorotoluene	12.32	91	1259316	46.92	µg/l	100
83) tert-Butylbenzene	12.58	119	1467352	50.35	µg/l	100
84) 1,2,4-Trimethylbenzene	12.63	105	1399908	50.44	µg/l	100
85) sec-Butylbenzene	12.75	105	1744601	49.60	µg/l	100
86) p-Isopropyltoluene	12.88	119	1415547	49.93	µg/l	100
87) 1,3-Dichlorobenzene	12.84	146	822663	49.64	µg/l	100
88) 1,4-Dichlorobenzene	12.93	146	780094	48.31	µg/l	100
89) n-Butylbenzene	13.20	91	1370332	46.97	µg/l	100
90) Hexachloroethane	13.40	117	381678	52.75	µg/l	100
91) 1,2-Dichlorobenzene	13.20	146	625856	46.73	µg/l	100
92) 1,2-Dibromo-3-Chloropropan	13.77	75	60854	54.64	µg/l	100

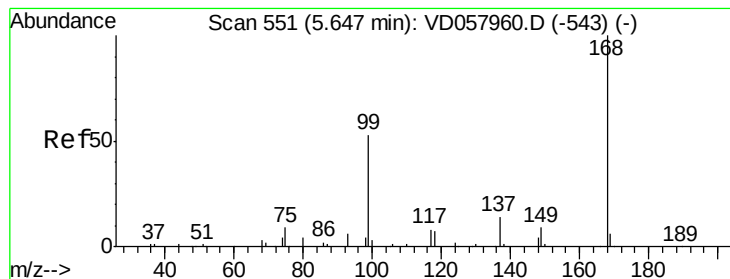
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060618\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	642421	51.34	ug/l	100
94) Hexachlorobutadiene	14.44	225	511785	52.00	ug/l	100
95) Naphthalene	14.52	128	814503	50.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.65	180	546655	51.27	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

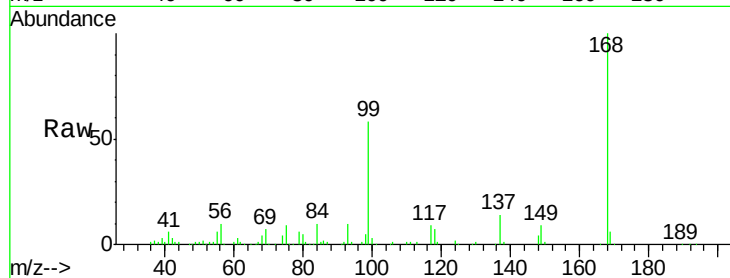
VSTDICCC050

Tot Ion:168 Resp: 921603

Ion Ratio Lower Upper

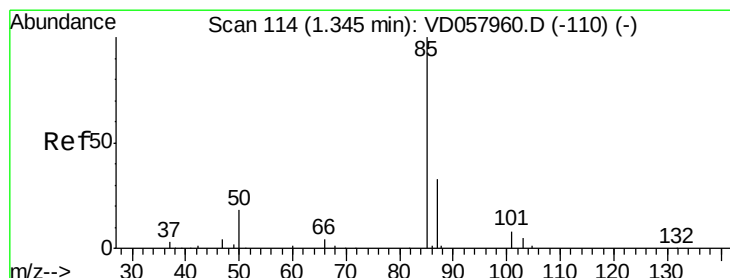
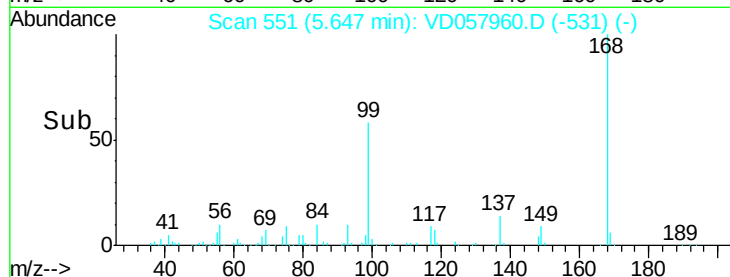
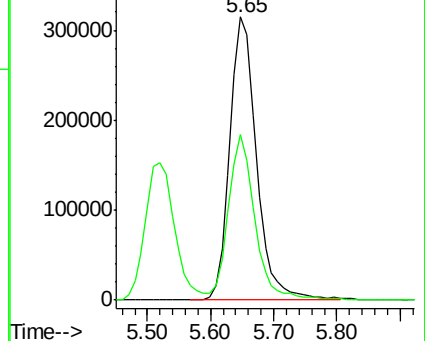
168 100

99 58.5 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 48.82 ug/l

RT: 1.35 min Scan# 114

Delta R.T. 0.00 min

Lab File: VD057960.D

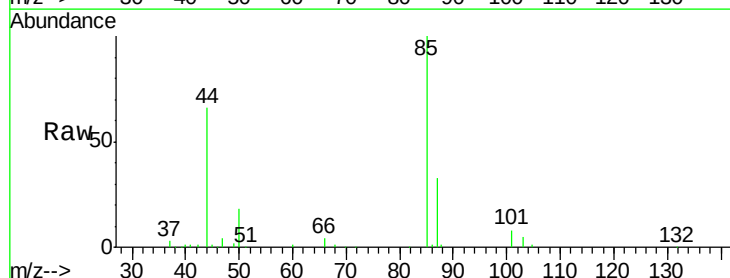
Acq: 6 Jun 2018 19:18

Tgt Ion: 85 Resp: 603876

Ion Ratio Lower Upper

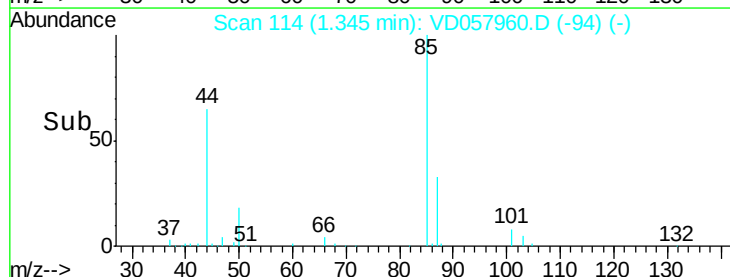
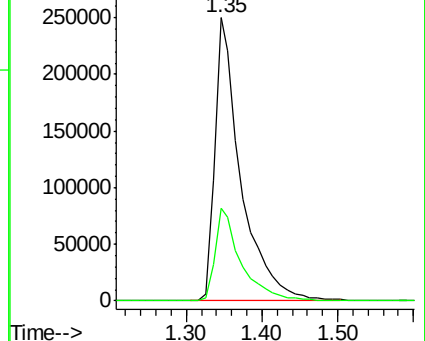
85 100

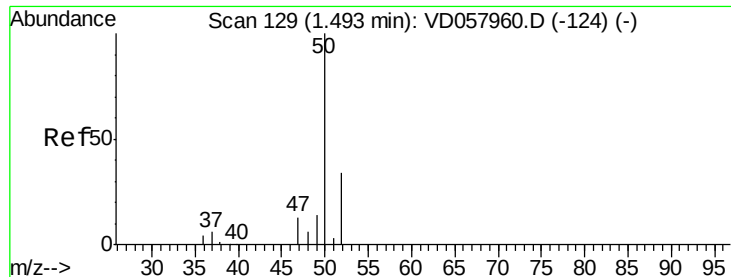
87 32.8 16.4 49.2



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 45.73 ug/l

RT: 1.49 min Scan# 129

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

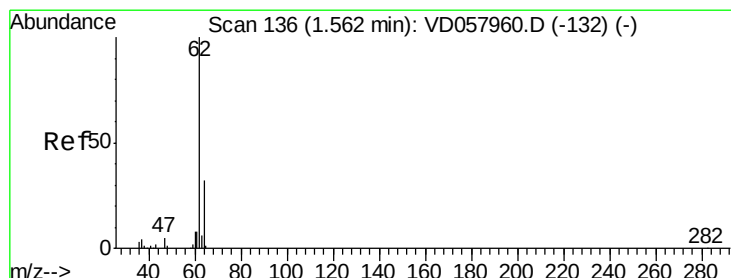
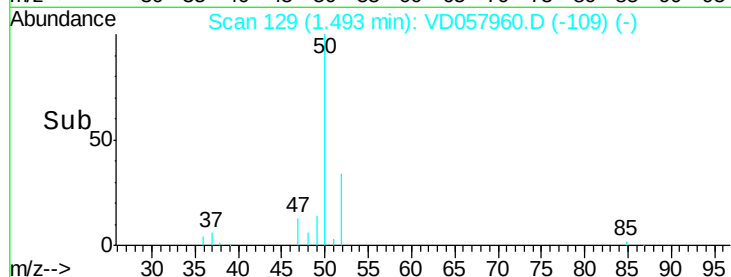
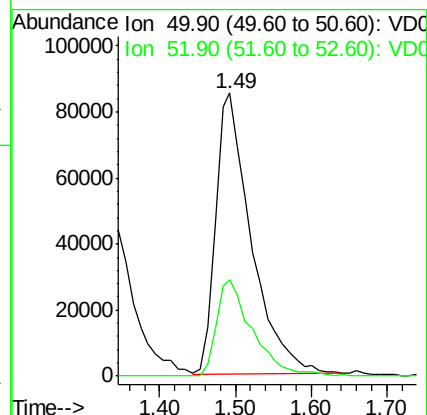
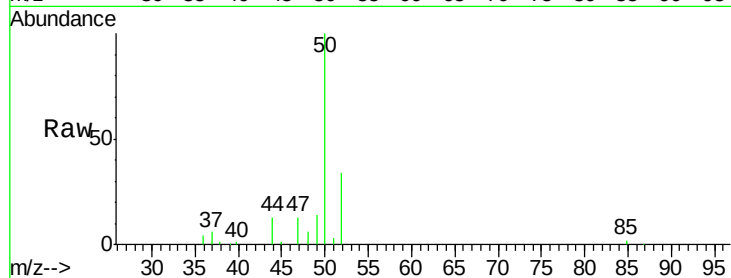
VSTDICCC050

Tot Ion: 50 Resp: 278576

Ion Ratio Lower Upper

50 100

52 34.0 27.2 40.8



#4

Vinyl Chloride

Concen: 48.78 ug/l

RT: 1.56 min Scan# 136

Delta R.T. 0.00 min

Lab File: VD057960.D

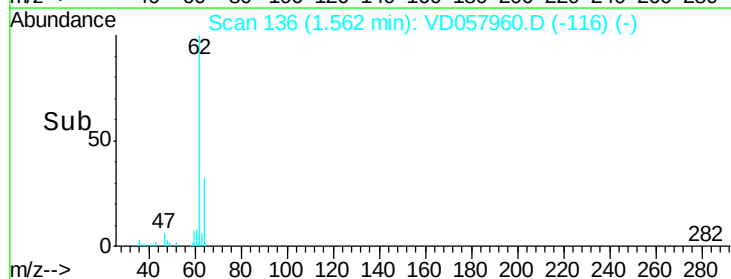
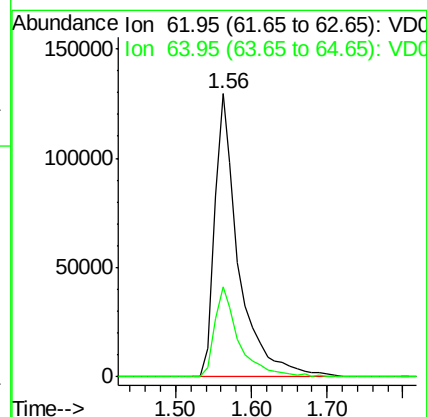
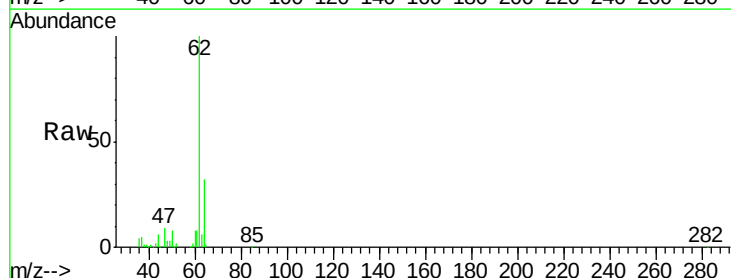
Acq: 6 Jun 2018 19:18

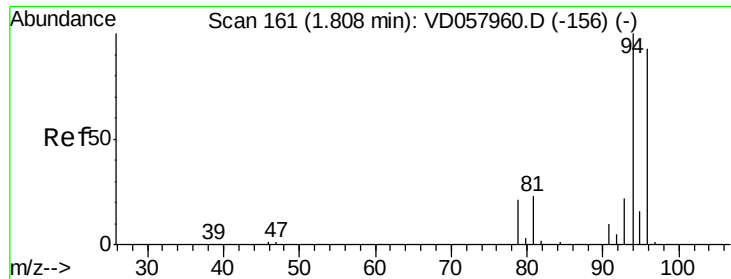
Tgt Ion: 62 Resp: 287624

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2

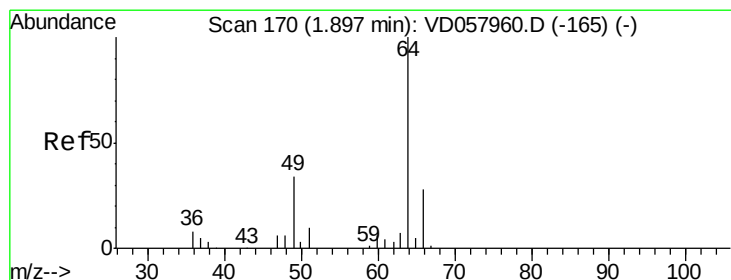
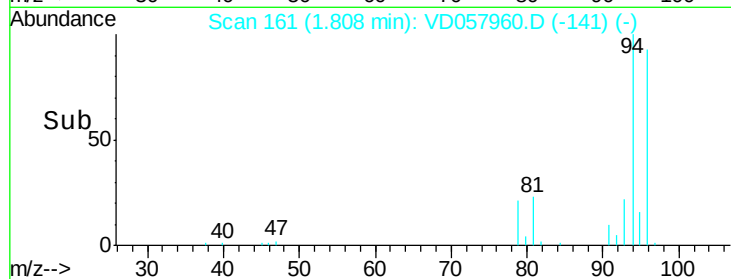
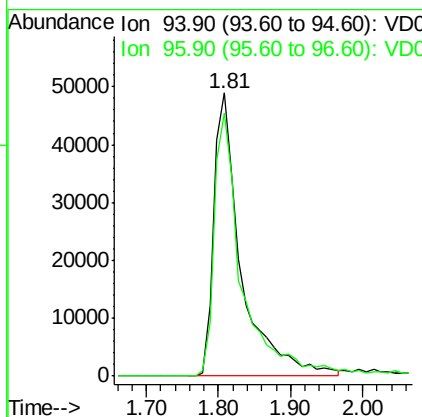
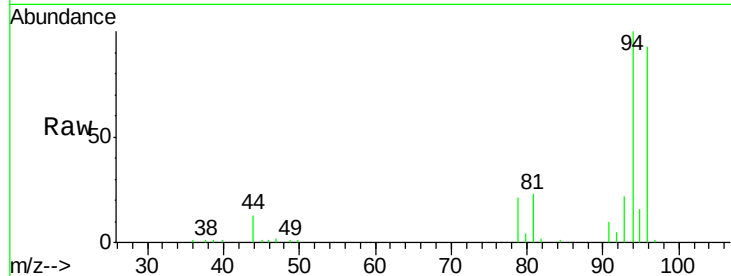




#5
Bromomethane
Concen: 55.32 ug/l
RT: 1.81 min Scan# 161
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

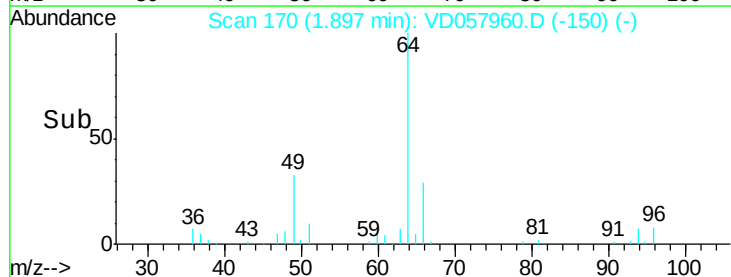
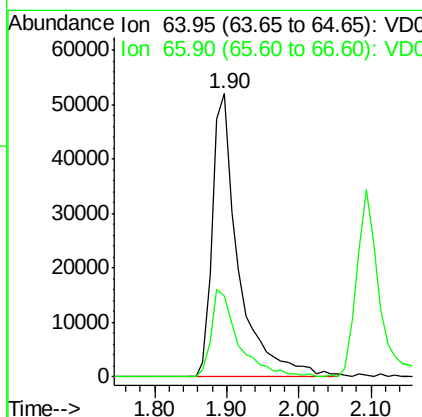
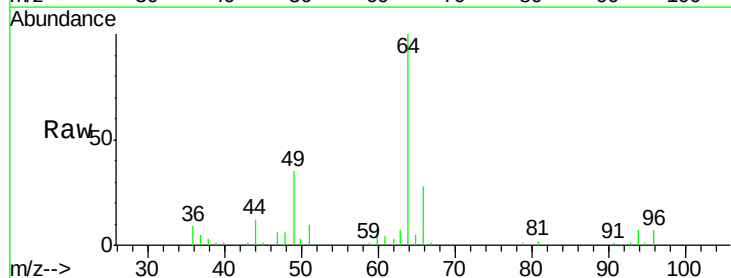
Instrument :
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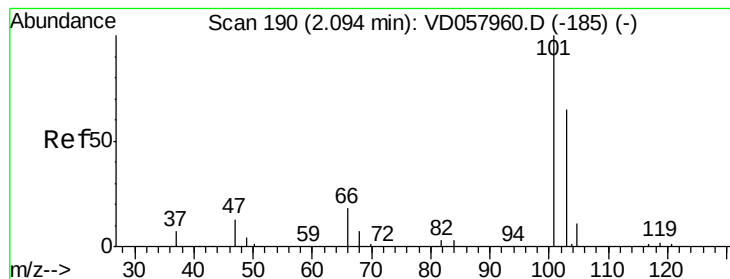
Tot Ion: 94 Resp: 127845
Ion Ratio Lower Upper
94 100
96 92.9 74.3 111.5



#6
Chloroethane
Concen: 55.81 ug/l
RT: 1.90 min Scan# 170
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 64 Resp: 129848
Ion Ratio Lower Upper
64 100
66 28.5 22.8 34.2





#7

Trichlorofluoromethane

Concen: 51.31 ug/l

RT: 2.09 min Scan# 190

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

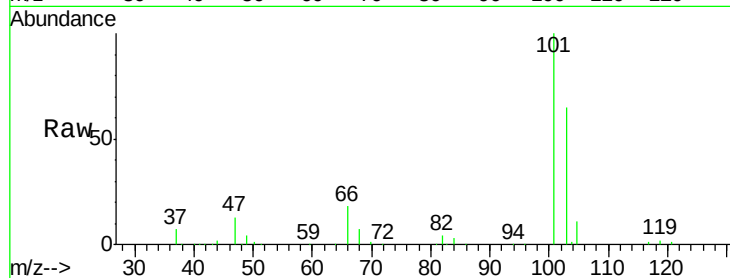
VSTDICCC050

Tot Ion:101 Resp: 413610

Ion Ratio Lower Upper

101 100

103 65.5 52.4 78.6



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V

200000

150000

100000

50000

0

2.09

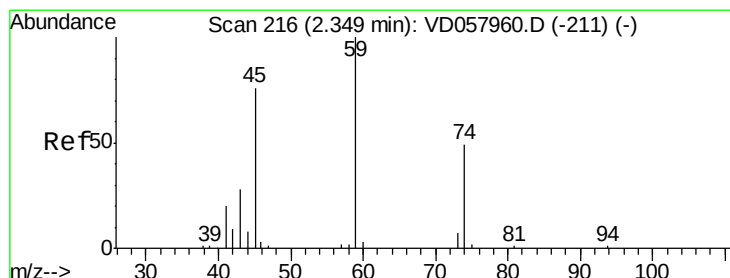
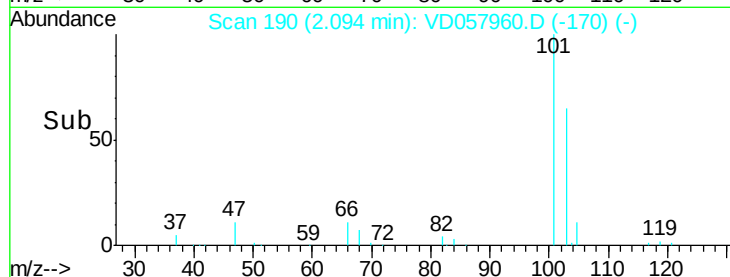
2.00

2.10

2.20

2.30

Time-->



#8

Diethyl Ether

Concen: 52.94 ug/l

RT: 2.35 min Scan# 216

Delta R.T. 0.00 min

Lab File: VD057960.D

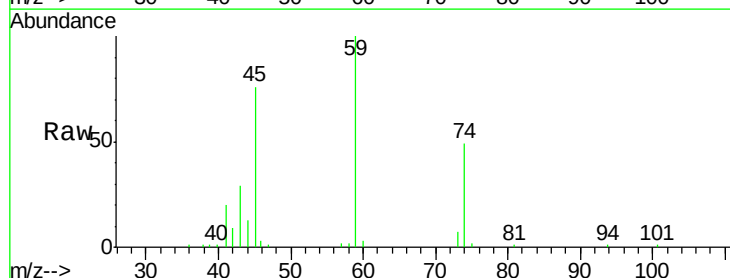
Acq: 6 Jun 2018 19:18

Tgt Ion: 74 Resp: 79265

Ion Ratio Lower Upper

74 100

45 154.2 77.1 231.3



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

60000

50000

40000

30000

20000

10000

0

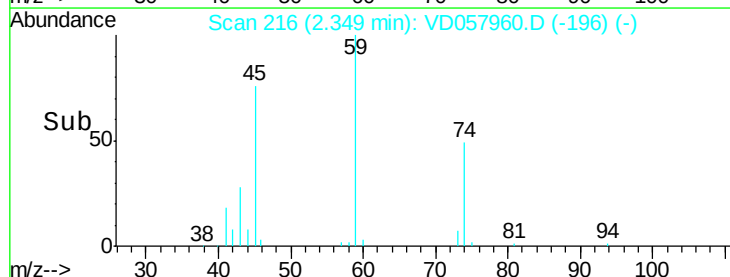
2.35

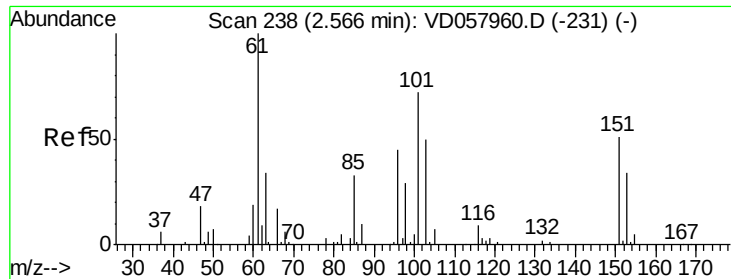
2.30

2.40

2.50

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.12 ug/l

RT: 2.57 min Scan# 238

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

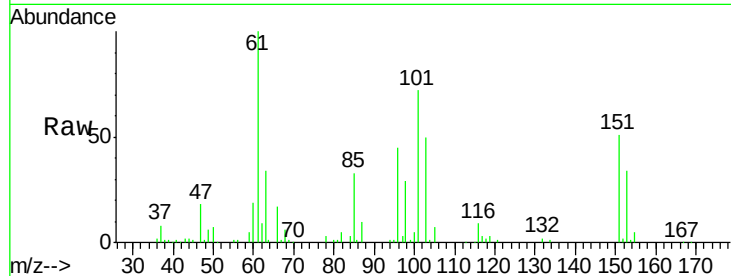
Tot Ion:101 Resp: 250607

Ion Ratio Lower Upper

101 100

85 46.6 37.3 55.9

151 71.3 57.0 85.6

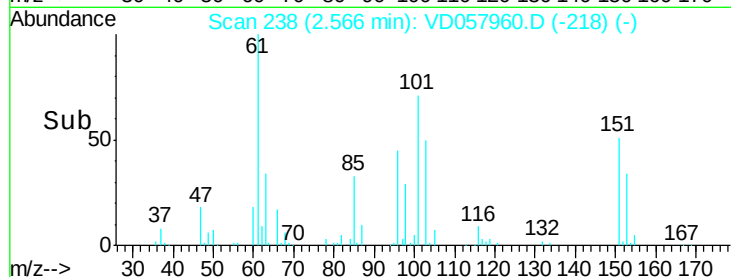


Abundance Ion 100.85 (100.55 to 101.55): V

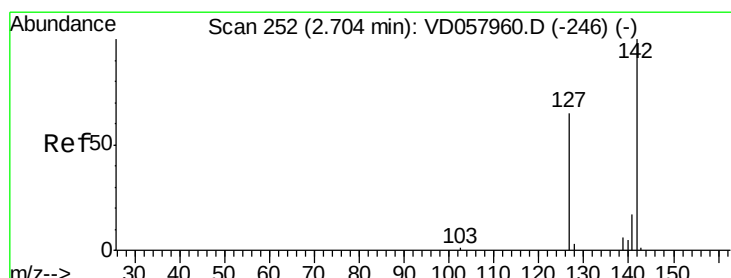
Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V

Time-->



Time-->



#10

Methyl Iodide

Concen: 51.26 ug/l

RT: 2.70 min Scan# 252

Delta R.T. 0.00 min

Lab File: VD057960.D

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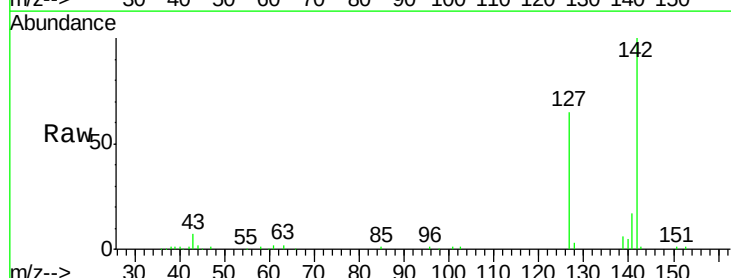
Tgt Ion:142 Resp: 318001

Ion Ratio Lower Upper

142 100

127 65.0 52.0 78.0

141 16.5 13.2 19.8

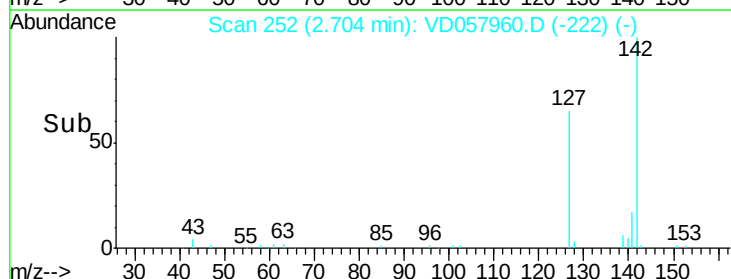


Abundance Ion 141.85 (141.55 to 142.55): V

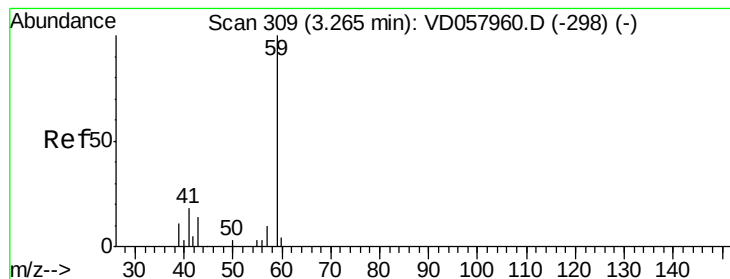
Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

Time-->



Time-->

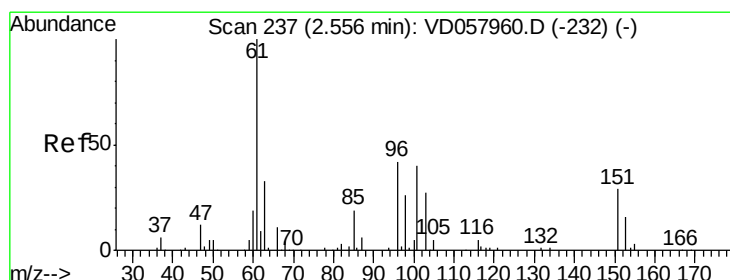
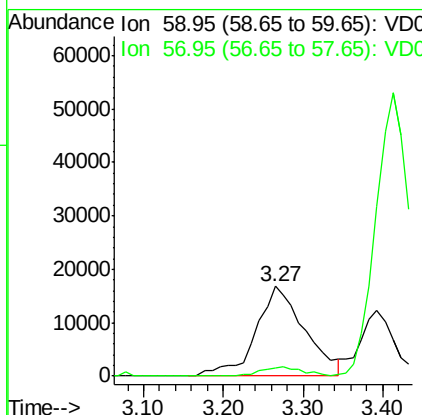
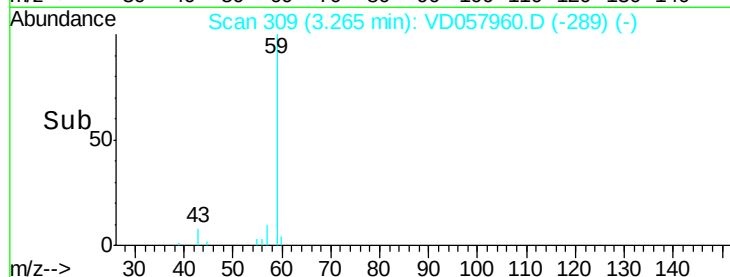
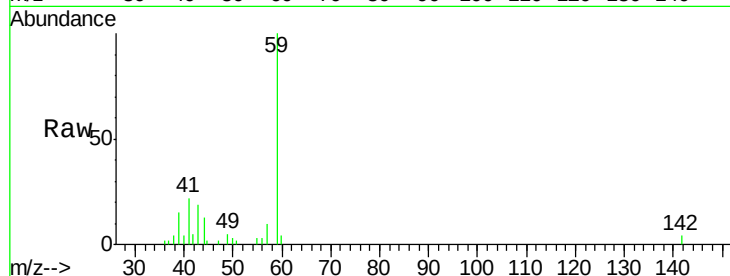


#11

Tert butyl alcohol
Concen: 286.92 ug/l
RT: 3.27 min Scan# 309
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

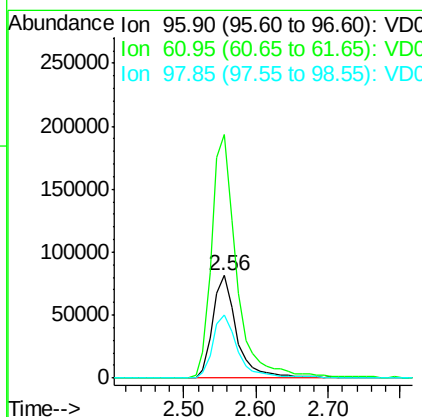
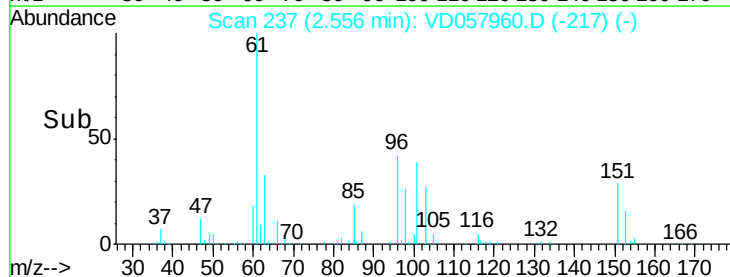
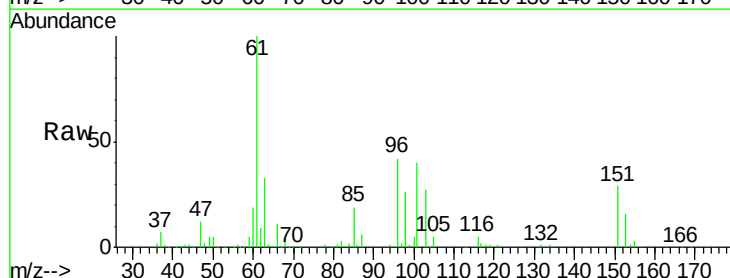
Tot Ion: 59 Resp: 70818
Ion Ratio Lower Upper
59 100
57 9.7 7.8 11.6

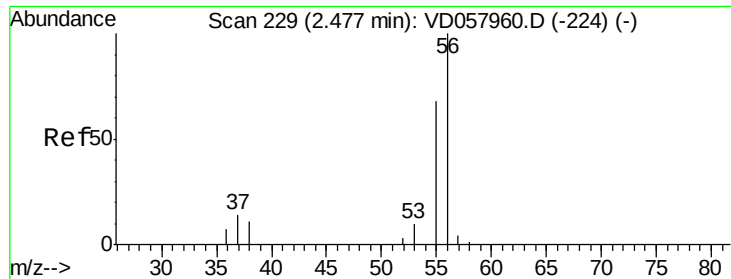


#12

1,1-Dichloroethene
Concen: 51.34 ug/l
RT: 2.56 min Scan# 237
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 96 Resp: 189768
Ion Ratio Lower Upper
96 100
61 237.8 190.2 285.4
98 62.0 49.6 74.4

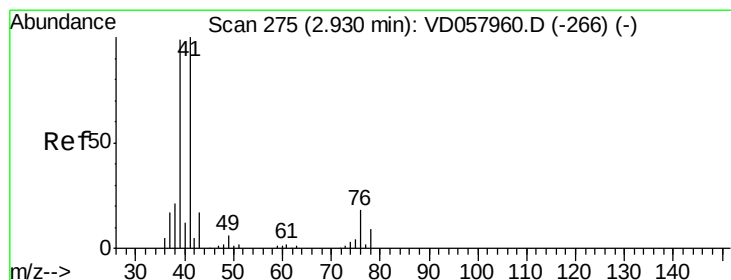
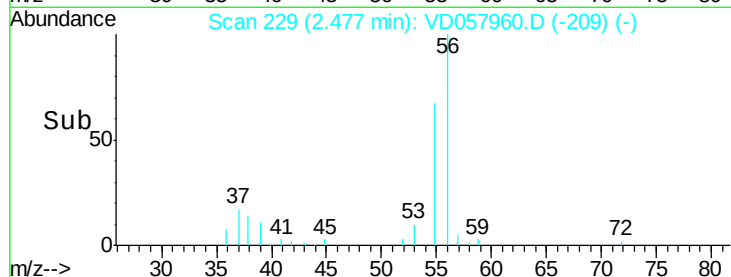
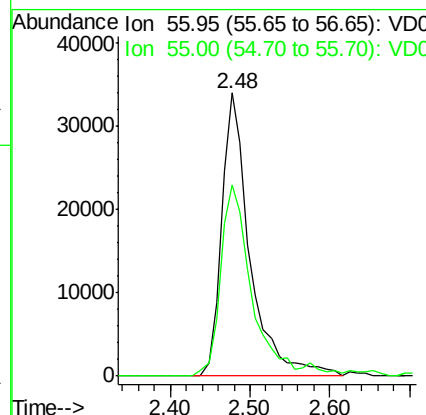
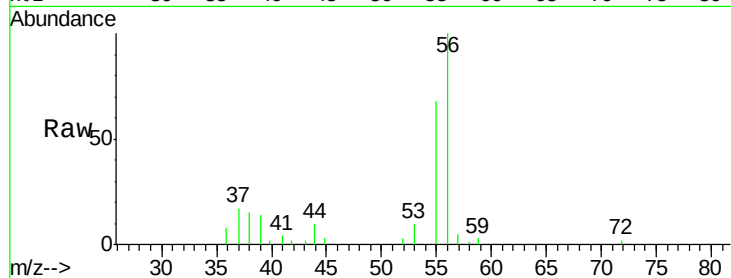




#13
 Acrolein
 Concen: 239.61 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

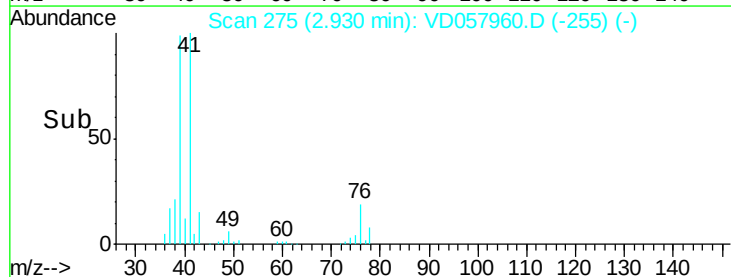
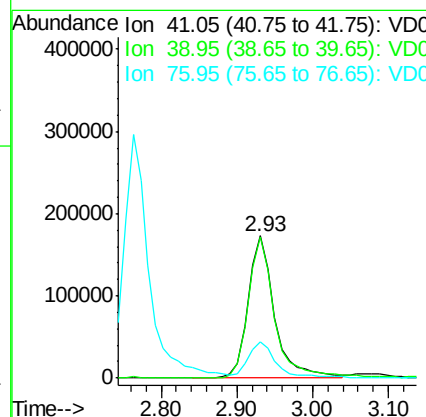
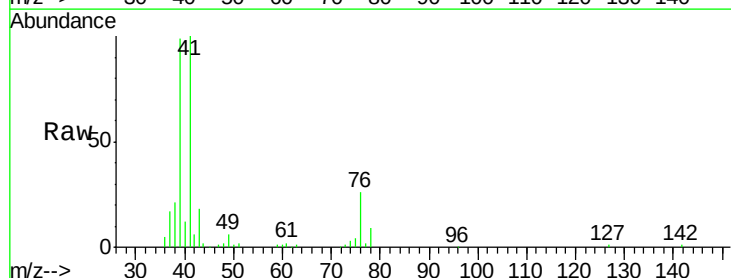
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

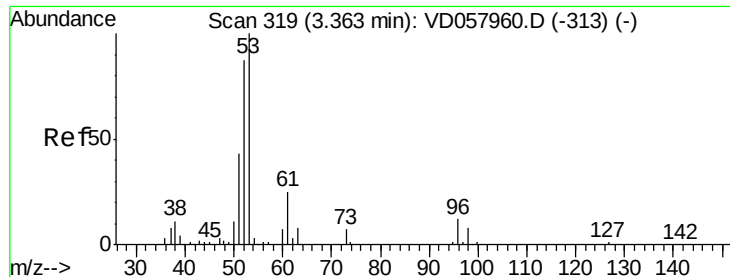
Tot Ion: 56 Resp: 84700
 Ion Ratio Lower Upper
 56 100
 55 67.5 54.0 81.0



#14
 Allyl chloride
 Concen: 49.47 ug/l
 RT: 2.93 min Scan# 275
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 41 Resp: 421789
 Ion Ratio Lower Upper
 41 100
 39 99.4 79.5 119.3
 76 25.9 20.7 31.1





#15

Acrylonitrile

Concen: 245.15 ug/l

RT: 3.36 min Scan# 319

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

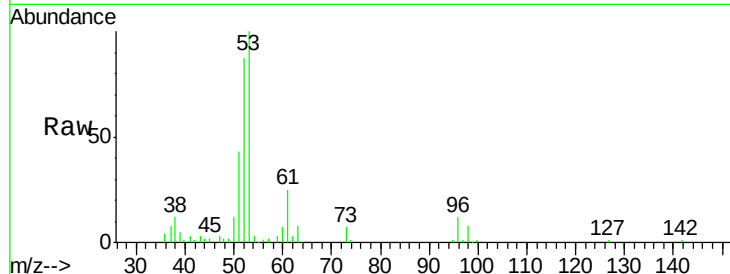
Tot Ion: 53 Resp: 353991

Ion Ratio Lower Upper

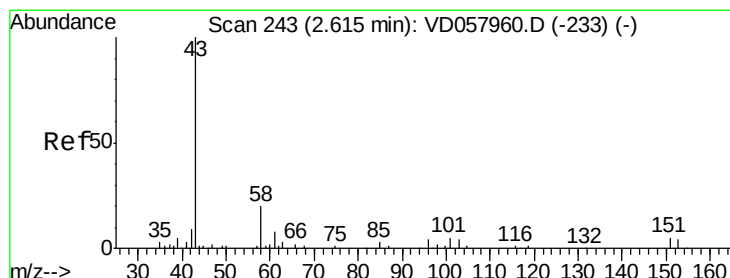
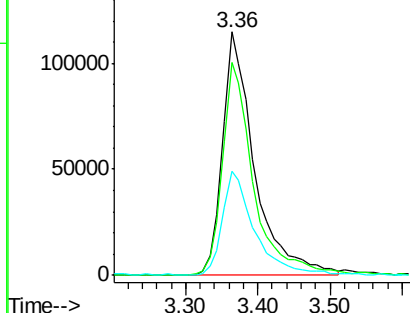
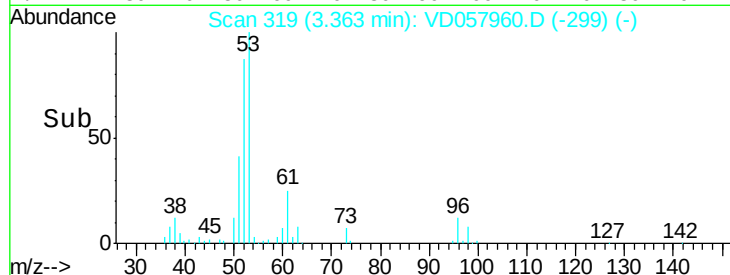
53 100

52 87.4 69.9 104.9

51 42.9 34.3 51.5



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 254.69 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.00 min

Lab File: VD057960.D

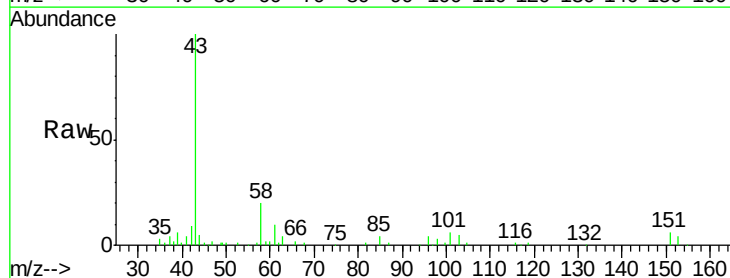
Acq: 6 Jun 2018 19:18

Tgt Ion: 43 Resp: 338090

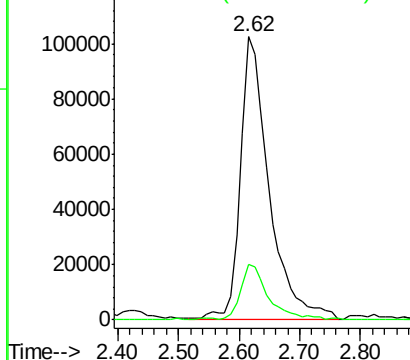
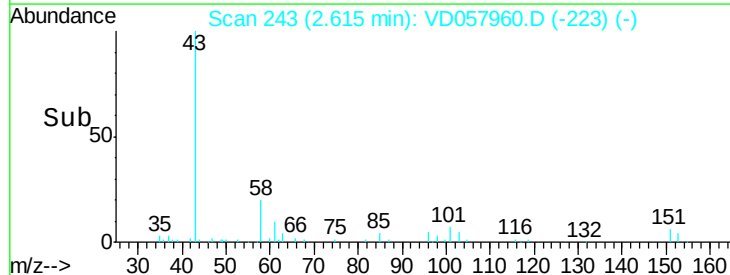
Ion Ratio Lower Upper

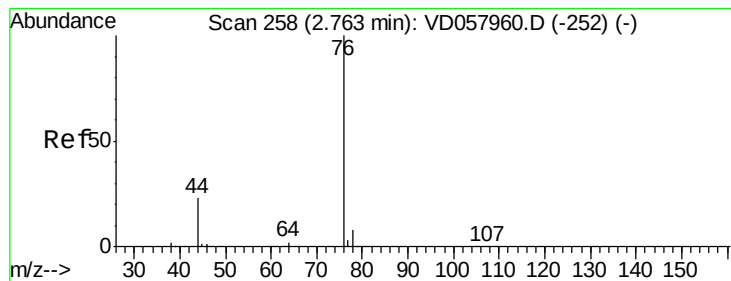
43 100

58 19.8 15.8 23.8



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





#17

Carbon Disulfide

Concen: 50.78 ug/l

RT: 2.76 min Scan# 258

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

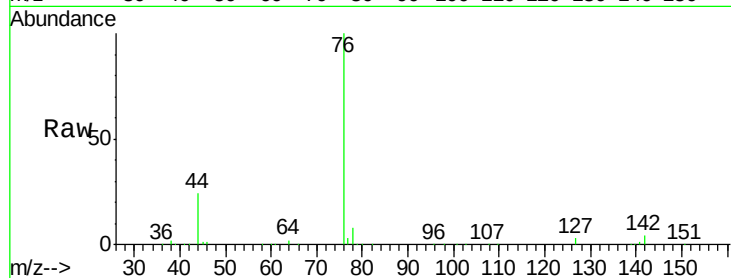
VSTDICCC050

Tot Ion: 76 Resp: 679916

Ion Ratio Lower Upper

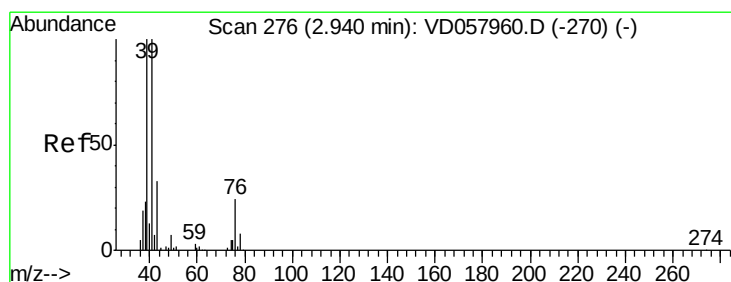
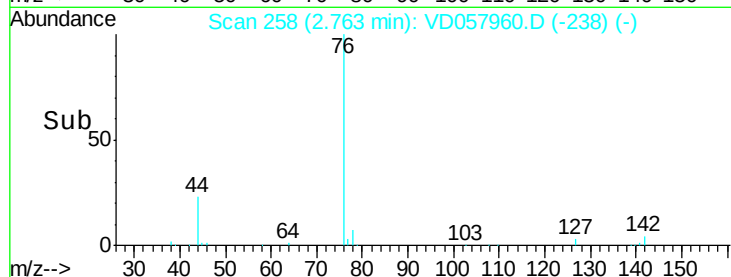
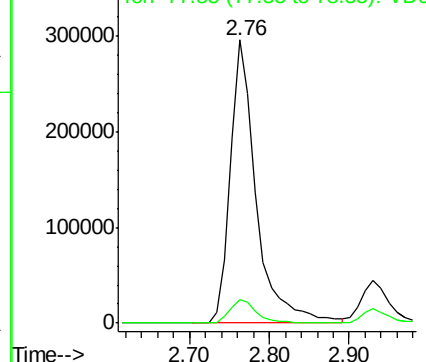
76 100

78 8.4 6.7 10.1



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 45.73 ug/l

RT: 2.94 min Scan# 276

Delta R.T. 0.00 min

Lab File: VD057960.D

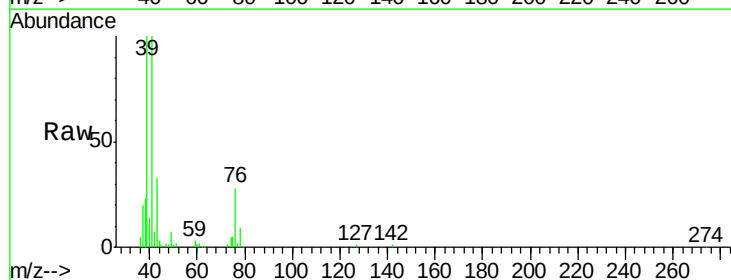
Acq: 6 Jun 2018 19:18

Tgt Ion: 43 Resp: 117440

Ion Ratio Lower Upper

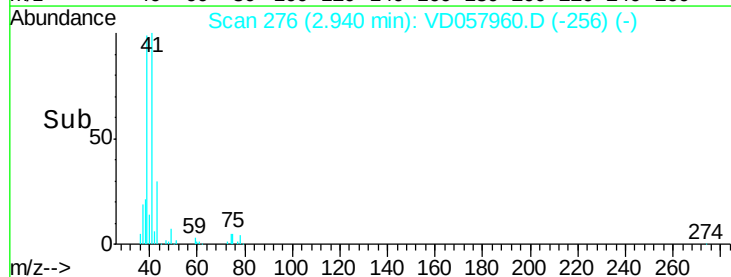
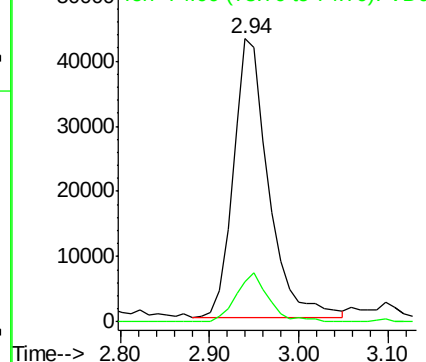
43 100

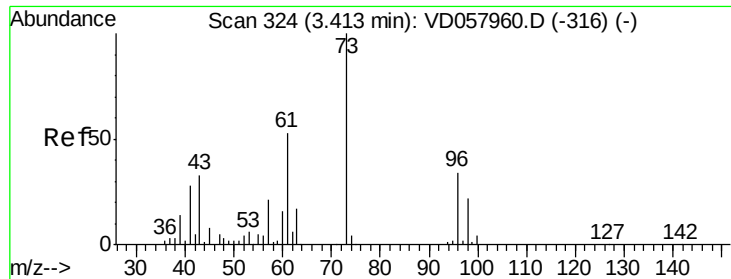
74 14.0 11.2 16.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

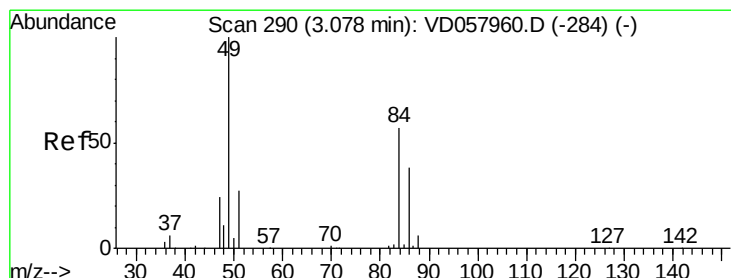
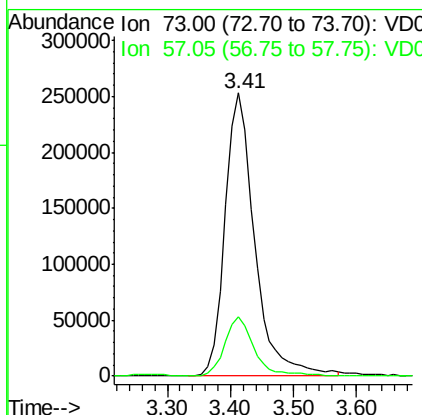
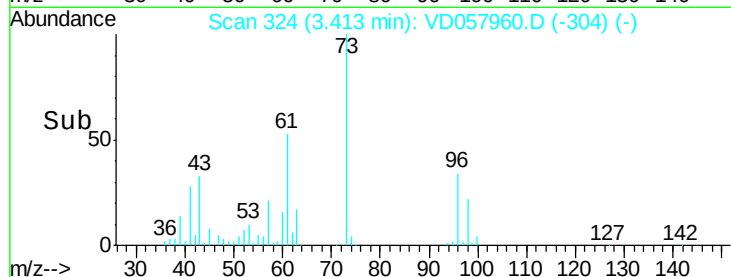
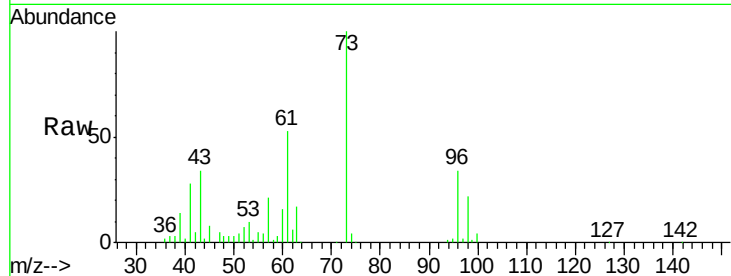




#19
Methyl tert-butyl Ether
Concen: 50.67 ug/l
RT: 3.41 min Scan# 324
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

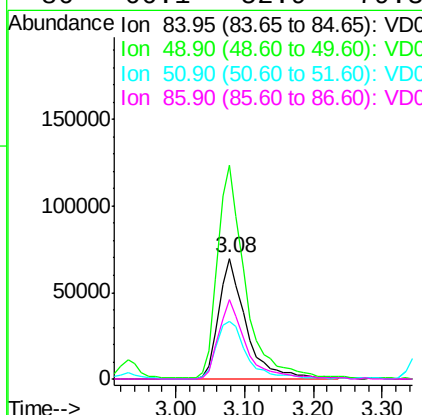
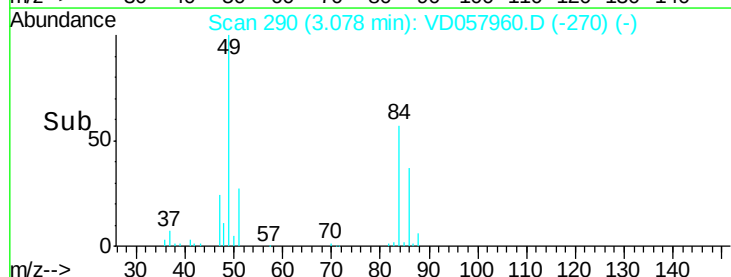
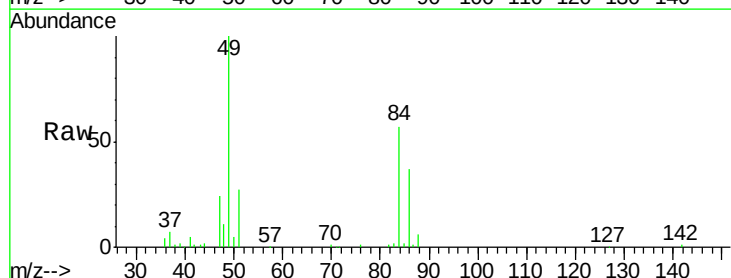
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

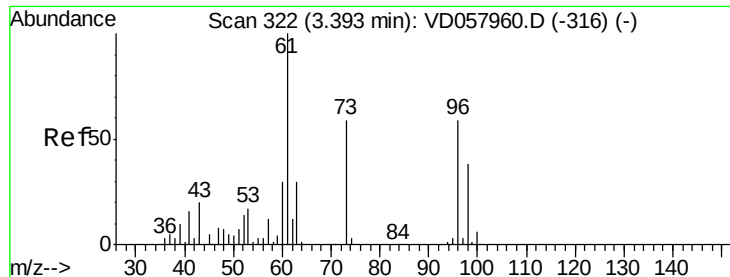
Tot Ion: 73 Resp: 824140
Ion Ratio Lower Upper
73 100
57 20.9 16.7 25.1



#20
Methylene Chloride
Concen: 42.61 ug/l
RT: 3.08 min Scan# 290
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 84 Resp: 193302
Ion Ratio Lower Upper
84 100
49 176.7 141.4 212.0
51 47.9 38.3 57.5
86 66.1 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 50.73 ug/l

RT: 3.39 min Scan# 322

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

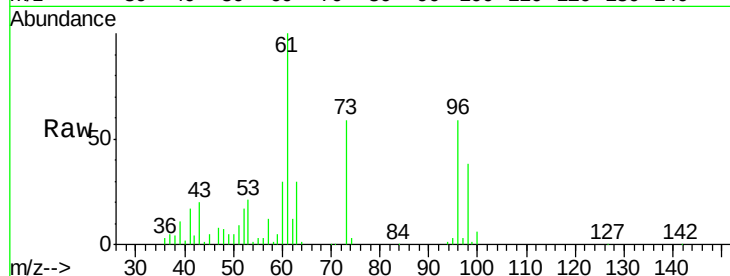
Tot Ion: 96 Resp: 417639

Ion Ratio Lower Upper

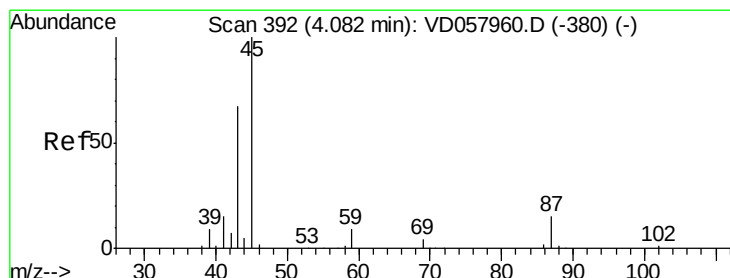
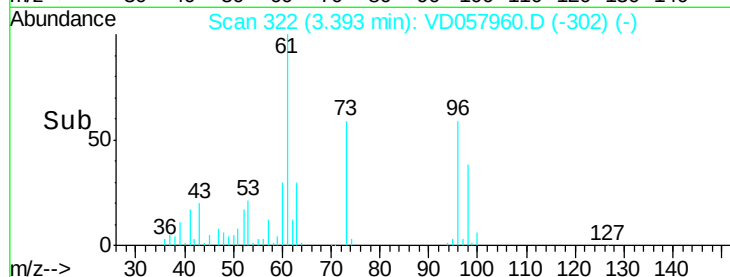
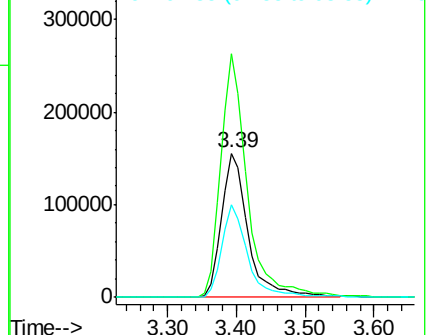
96 100

61 169.0 135.2 202.8

98 64.6 51.7 77.5



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



#22

Diisopropyl ether

Concen: 51.39 ug/l

RT: 4.08 min Scan# 392

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Tgt Ion: 45 Resp: 1735884

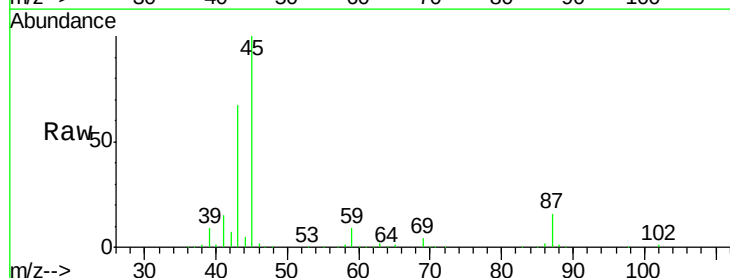
Ion Ratio Lower Upper

45 100

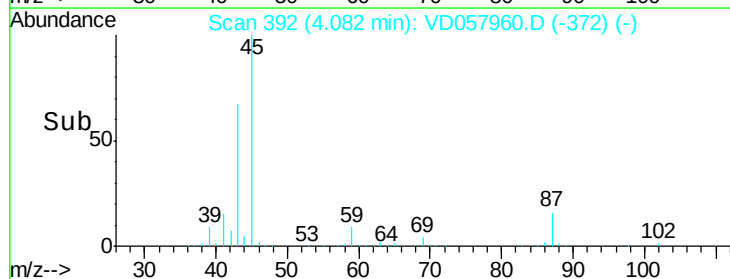
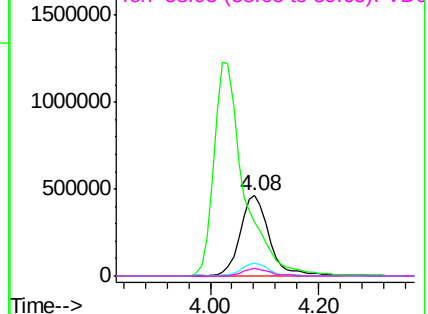
43 67.3 53.8 80.8

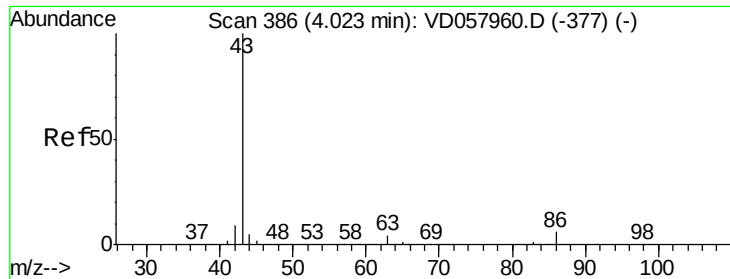
87 15.6 12.5 18.7

59 9.1 7.3 10.9



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





#23

Vinyl Acetate

Concen: 268.04 ug/l

RT: 4.02 min Scan# 386

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

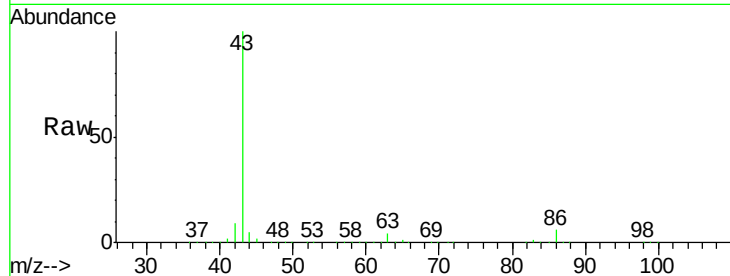
VSTDICCC050

Tot Ion: 43 Resp: 4678109

Ion Ratio Lower Upper

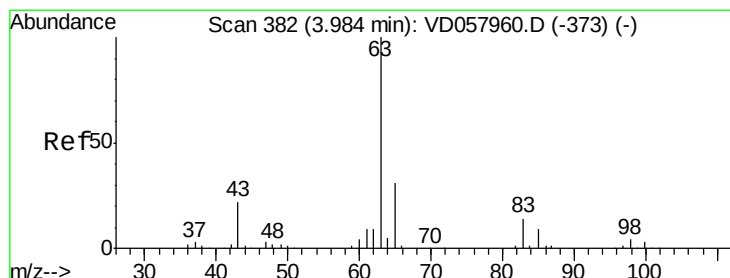
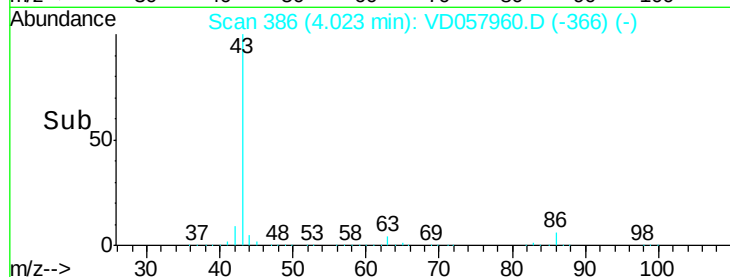
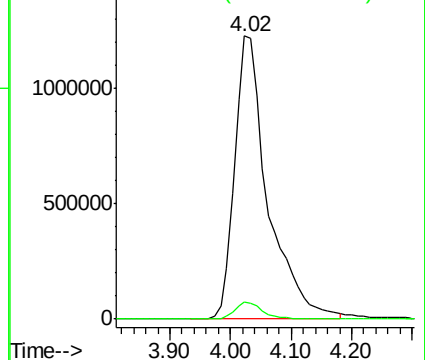
43 100

86 5.9 4.7 7.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 49.61 ug/l

RT: 3.98 min Scan# 382

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

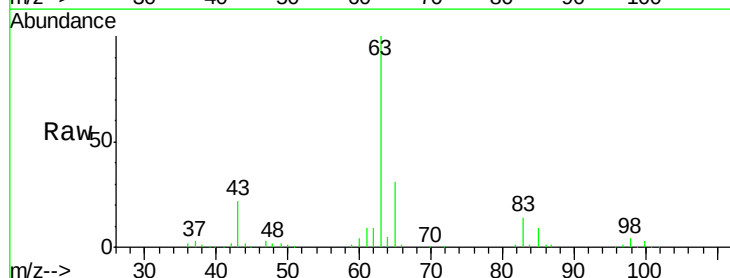
Tgt Ion: 63 Resp: 921040

Ion Ratio Lower Upper

63 100

98 3.9 2.0 5.8

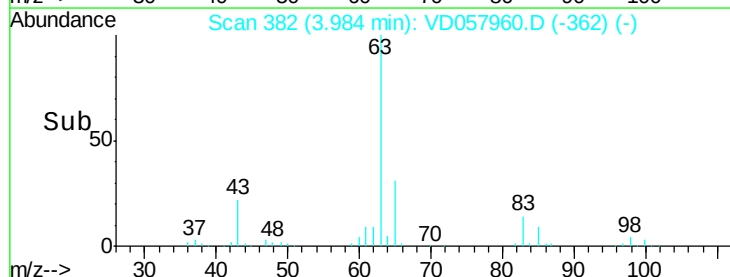
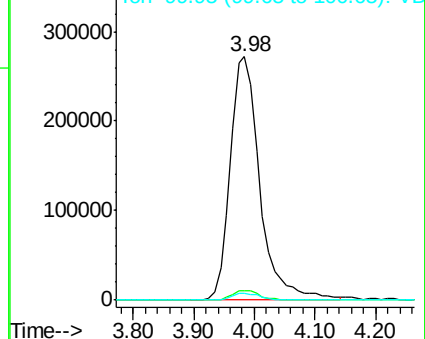
100 2.8 1.4 4.2

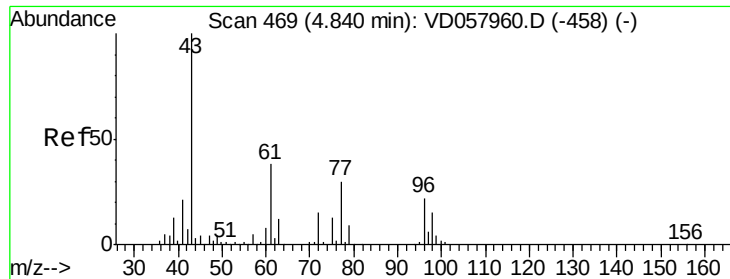


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

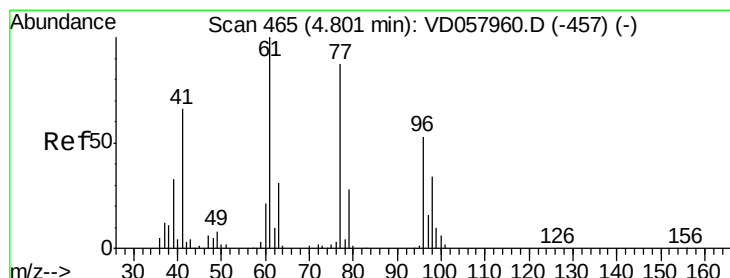
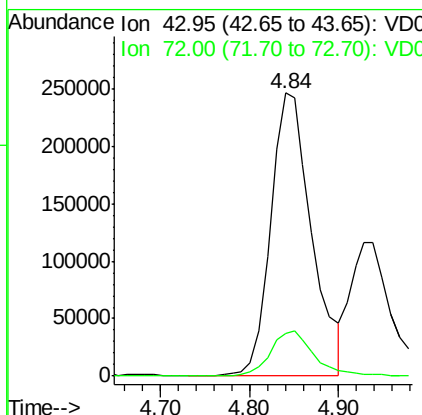
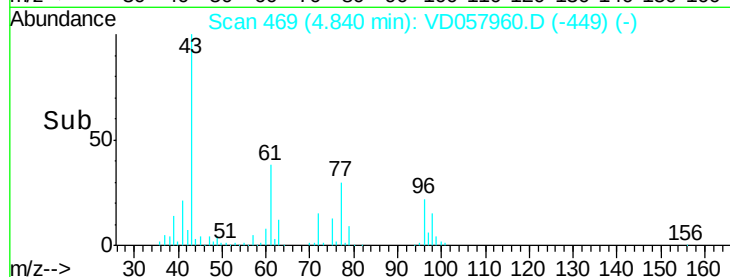
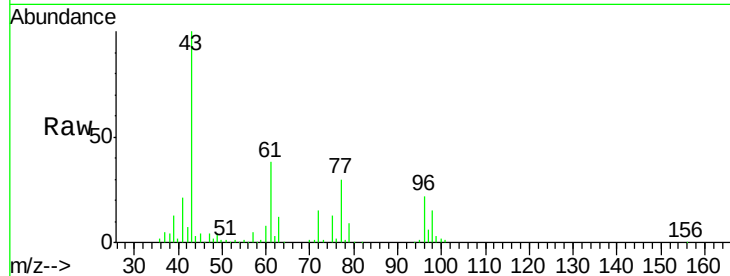




#25
 2-Butanone
 Concen: 258.42 ug/l
 RT: 4.84 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

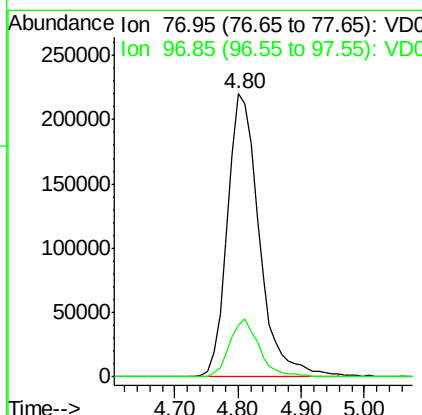
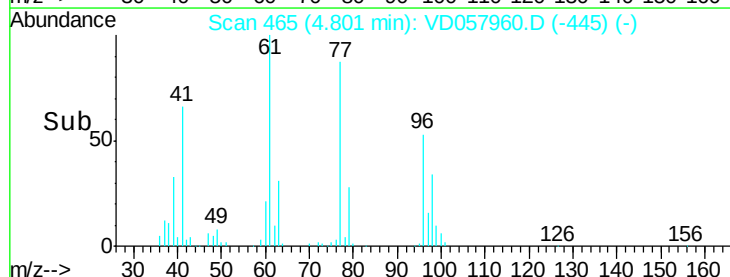
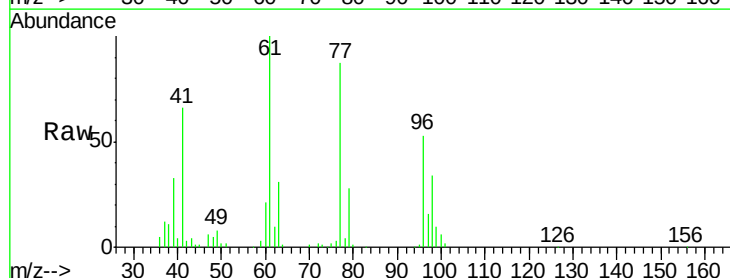
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

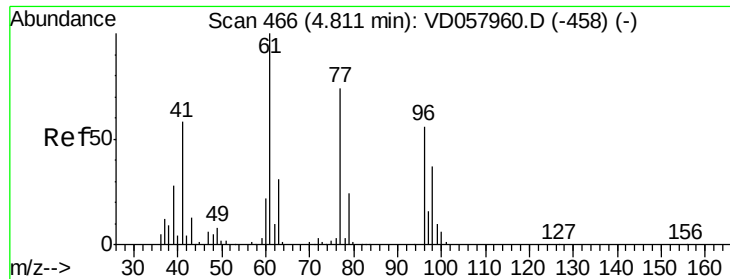
Tot Ion: 43 Resp: 779615
 Ion Ratio Lower Upper
 43 100
 72 15.0 12.0 18.0



#26
 2,2-Dichloropropane
 Concen: 50.31 ug/l
 RT: 4.80 min Scan# 465
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 77 Resp: 769382
 Ion Ratio Lower Upper
 77 100
 97 18.4 9.2 27.6





#27

cis-1,2-Dichloroethene

Concen: 50.13 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

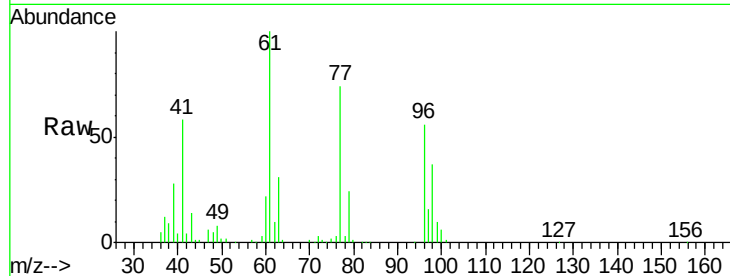
Tot Ion: 96 Resp: 489482

Ion Ratio Lower Upper

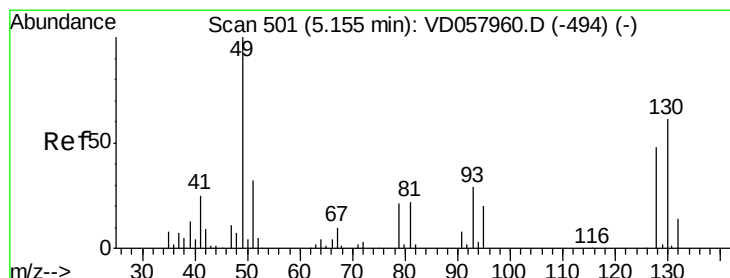
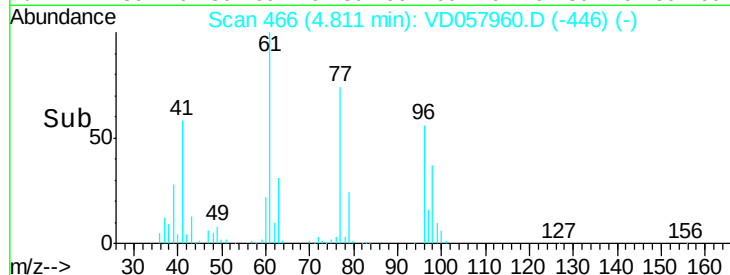
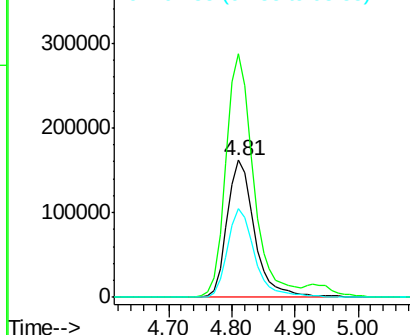
96 100

61 177.5 0.0 355.0

98 64.8 0.0 129.6



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



#28

Bromochloromethane

Concen: 50.80 ug/l

RT: 5.16 min Scan# 501

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

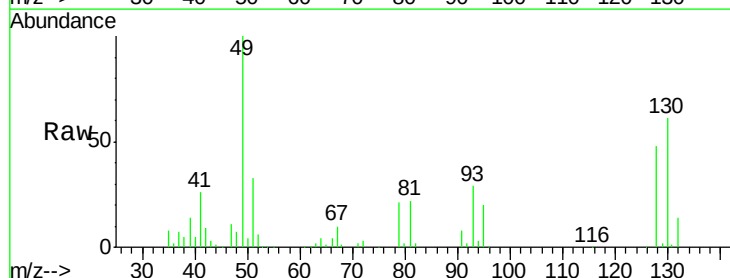
Tgt Ion: 49 Resp: 408171

Ion Ratio Lower Upper

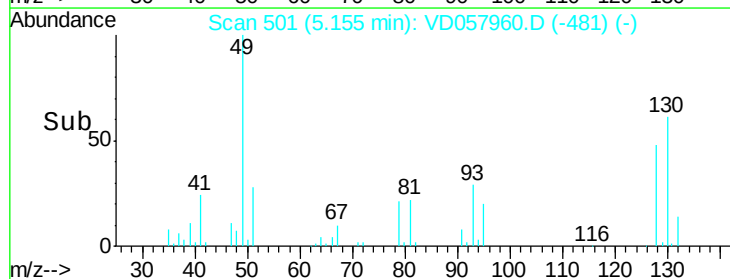
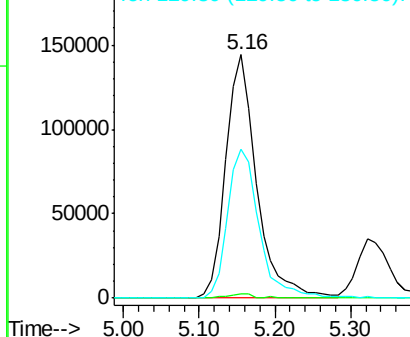
49 100

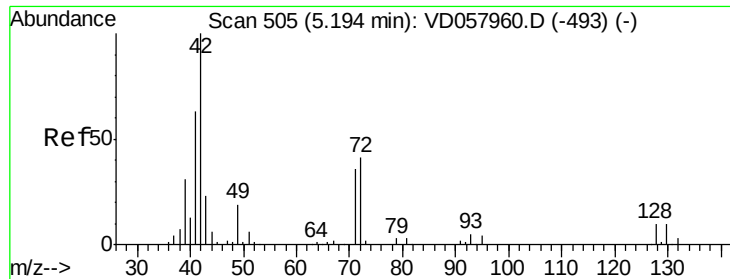
129 1.8 0.0 3.6

130 61.0 48.8 73.2



Abundance Ion 48.90 (48.60 to 49.60): VDC
Ion 128.80 (128.50 to 129.50): VDC
Ion 129.80 (129.50 to 130.50): VDC

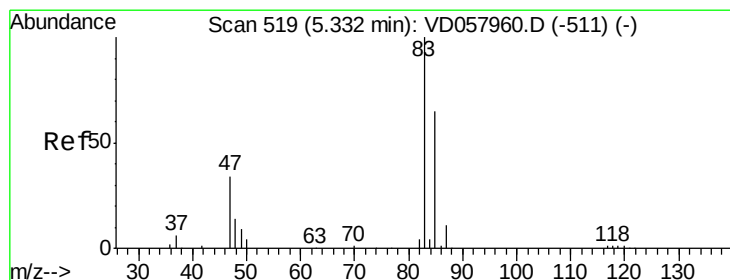
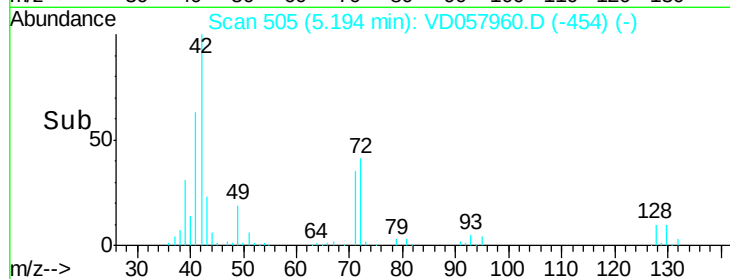
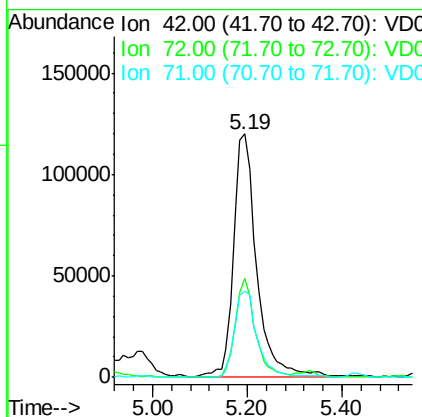
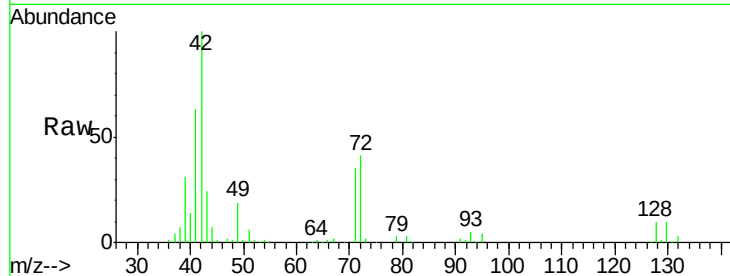




#29
Tetrahydrofuran
Concen: 254.27 ug/l
RT: 5.19 min Scan# 505
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

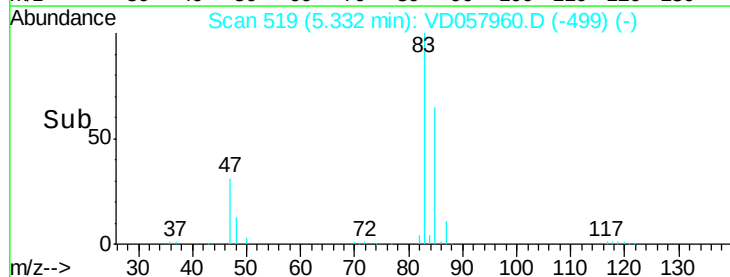
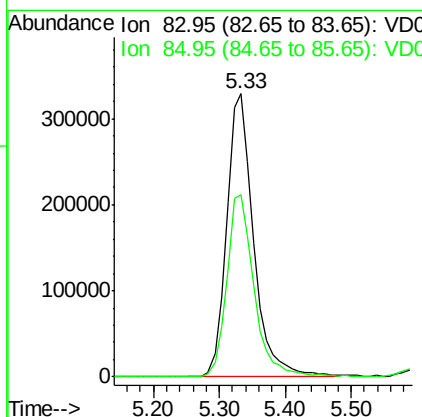
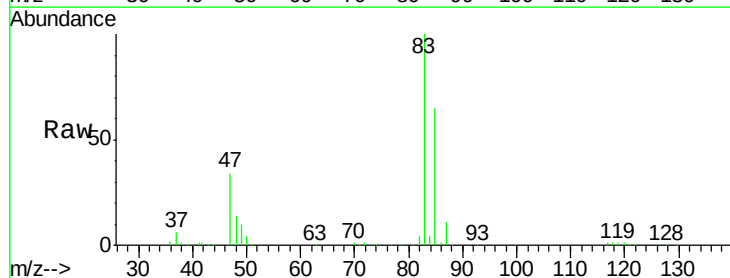
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

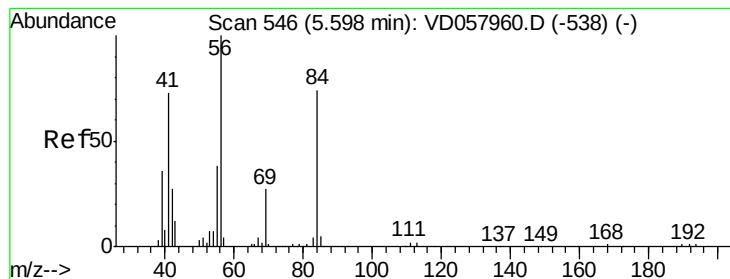
Tot Ion	Ratio	Lower	Upper
42	100		
72	35.6	28.5	42.7
71	34.9	27.9	41.9



#30
Chloroform
Concen: 50.41 ug/l
RT: 5.33 min Scan# 519
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.6	77.4





#31

Cyclohexane

Concen: 46.39 ug/l

RT: 5.60 min Scan# 546

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

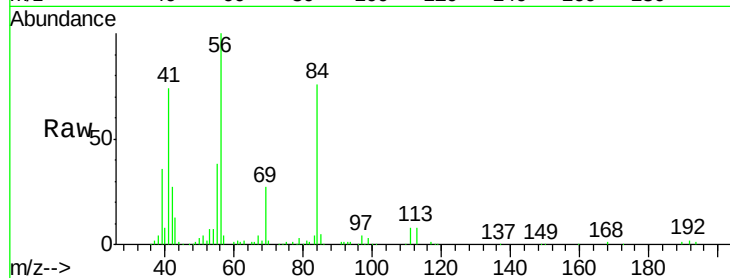
Tot Ion: 56 Resp: 743301

Ion Ratio Lower Upper

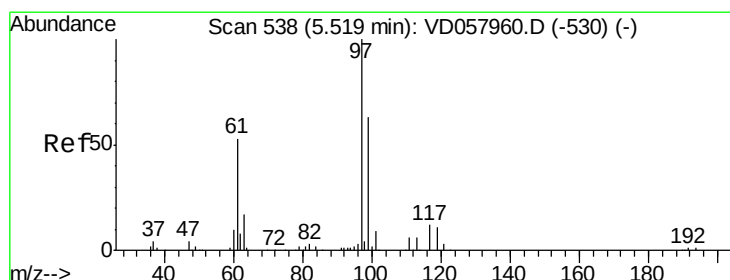
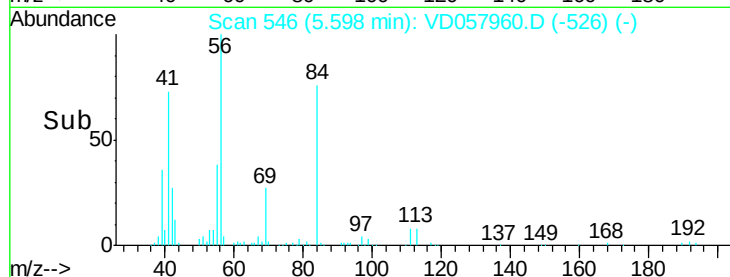
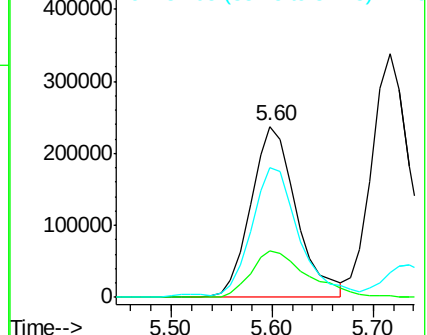
56 100

69 26.9 21.5 32.3

84 76.3 61.0 91.6



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



#32

1,1,1-Trichloroethane

Concen: 50.37 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

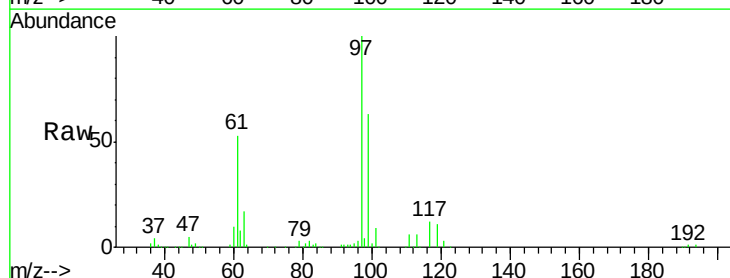
Tgt Ion: 97 Resp: 788039

Ion Ratio Lower Upper

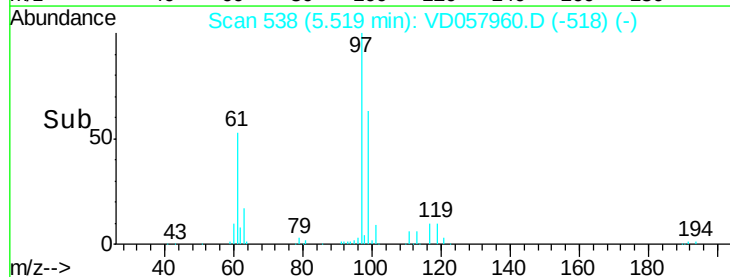
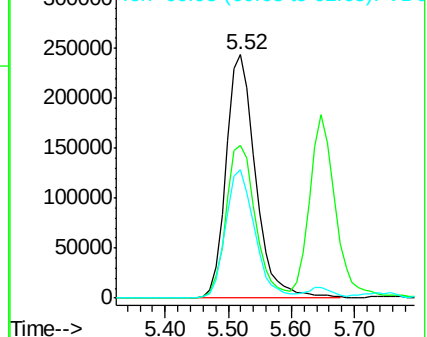
97 100

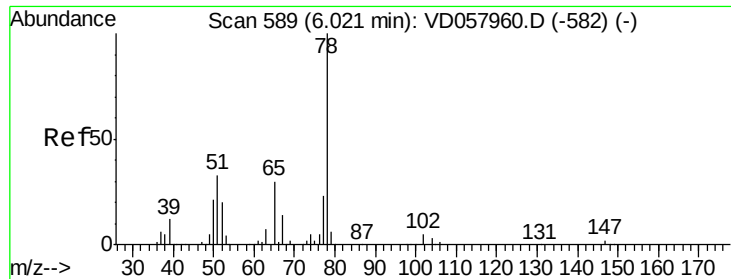
99 62.6 50.1 75.1

61 52.8 42.2 63.4



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

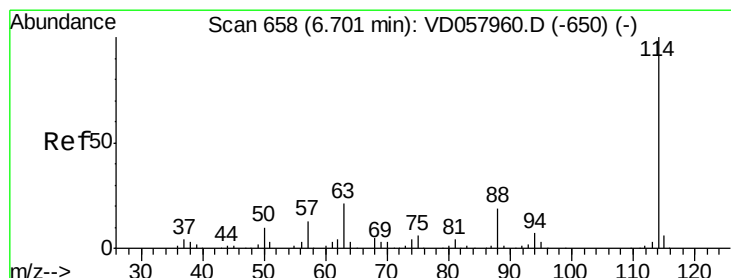
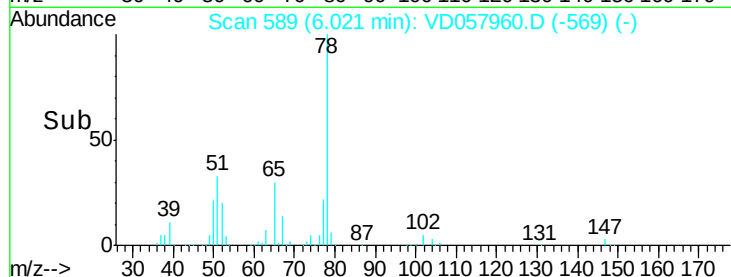
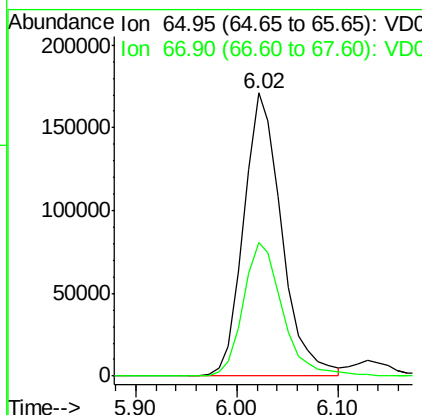
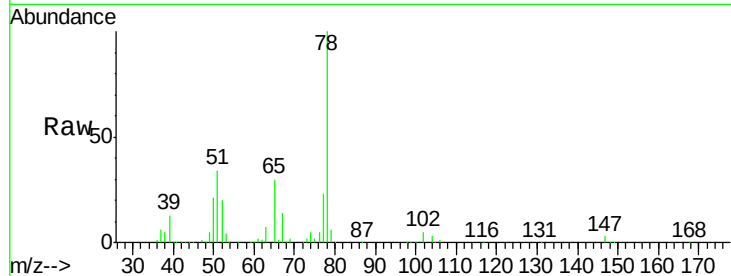




#33
 1,2-Dichloroethane-d4
 Concen: 50.37 ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

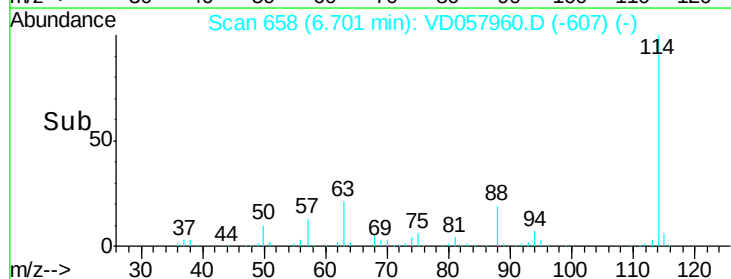
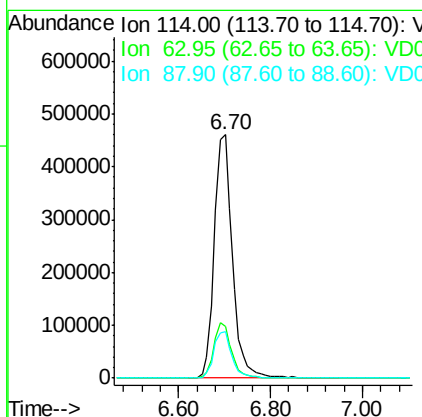
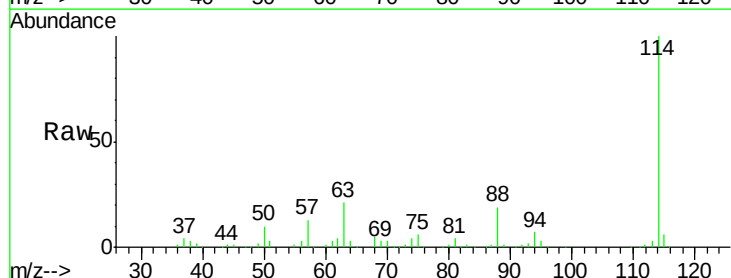
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

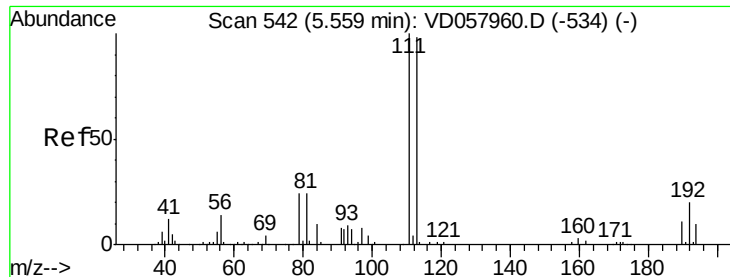
Tot Ion: 65 Resp: 448767
 Ion Ratio Lower Upper
 65 100
 67 47.0 0.0 94.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 114 Resp: 1244459
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.8
 88 18.9 0.0 37.8

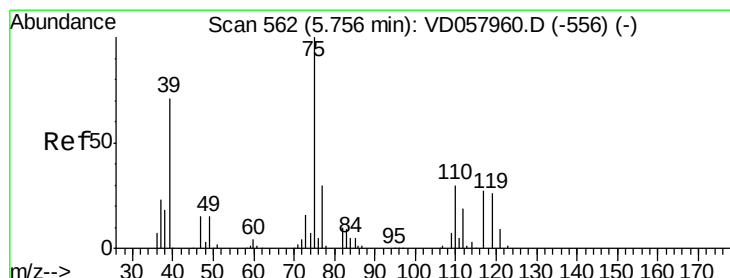
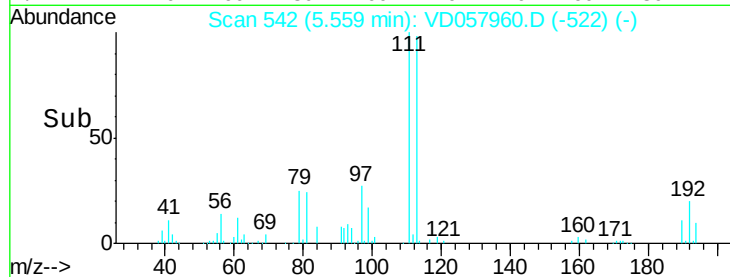
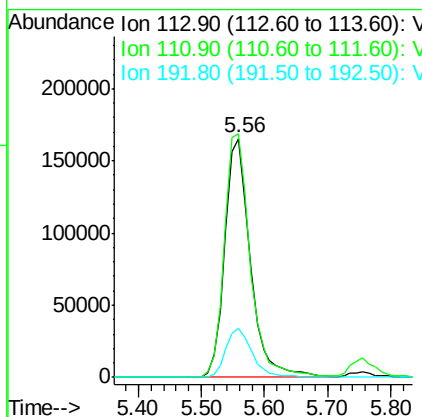
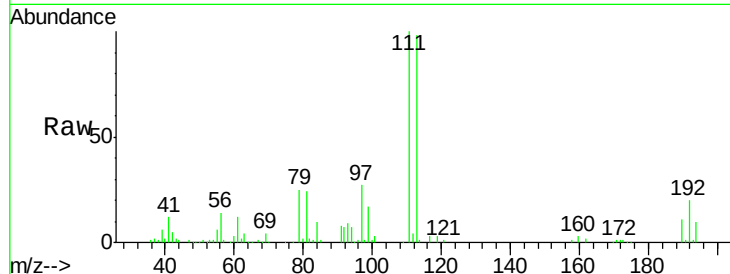




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

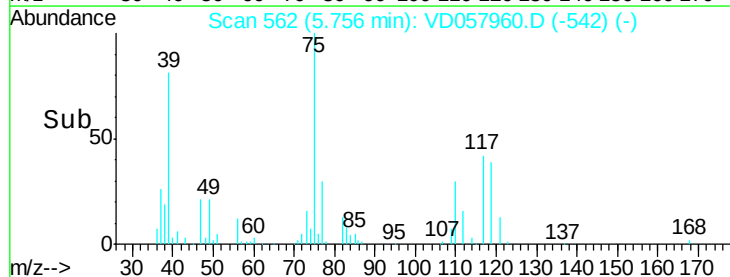
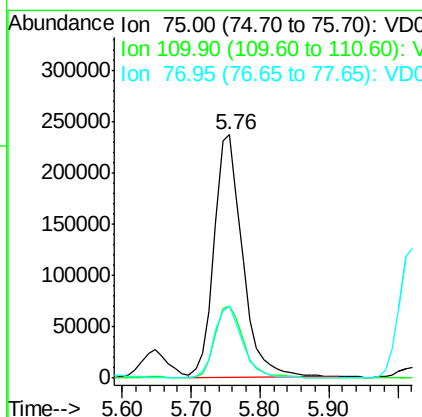
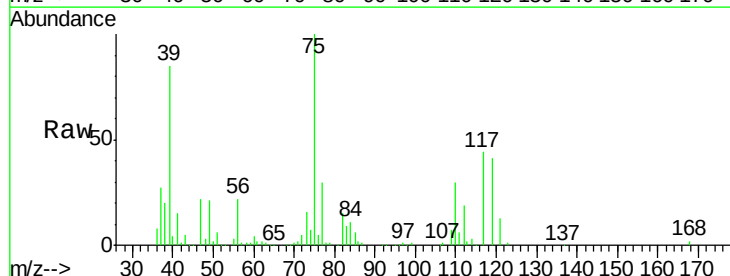
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

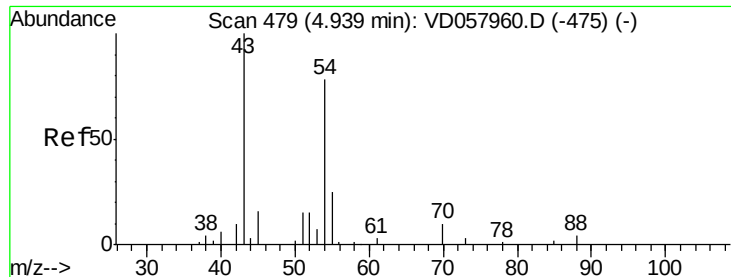
Tot Ion:113 Resp: 466059
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 20.5 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 49.27 ug/l
 RT: 5.76 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 75 Resp: 675591
 Ion Ratio Lower Upper
 75 100
 110 29.5 14.8 44.3
 77 29.9 23.9 35.9

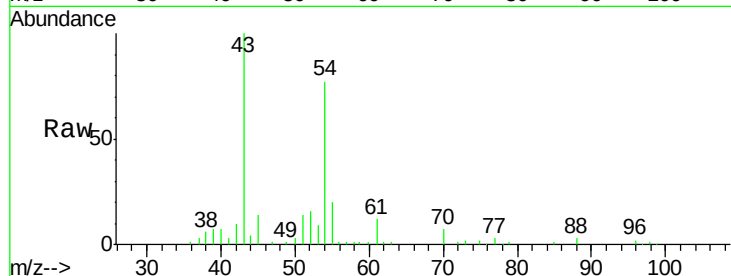




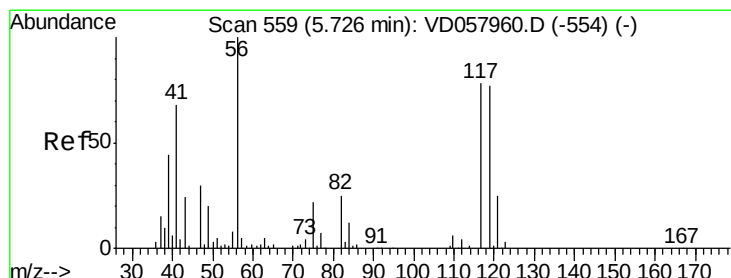
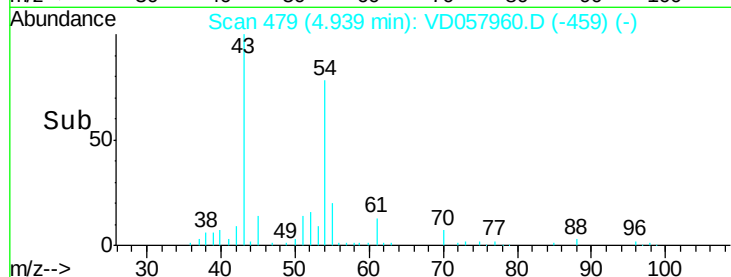
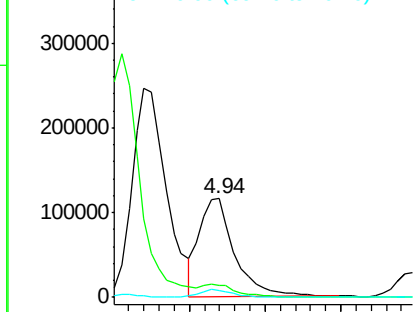
#37
Ethyl Acetate
Concen: 49.49 ug/l
RT: 4.94 min Scan# 479
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 370241
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 7.1 5.7 8.5

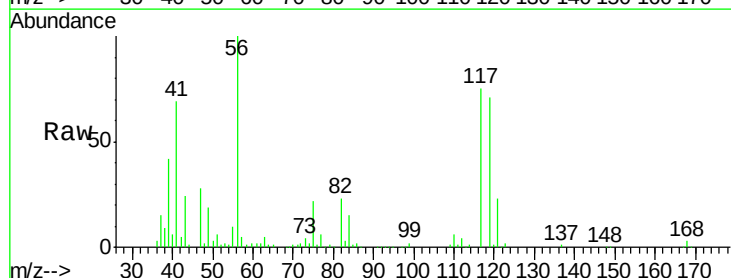


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

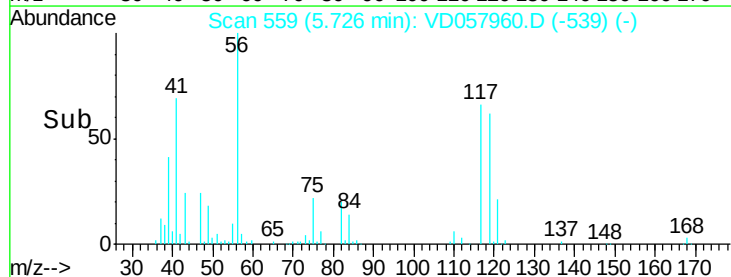
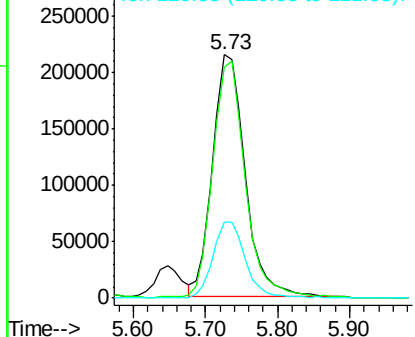


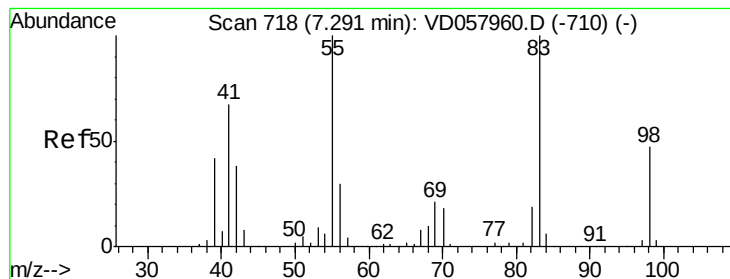
#38
Carbon Tetrachloride
Concen: 49.93 ug/l
RT: 5.73 min Scan# 559
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 117 Resp: 674659
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 31.1 24.9 37.3



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





#39

Methylvlcyclohexane

Concen: 50.96 ug/l

RT: 7.29 min Scan# 718

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

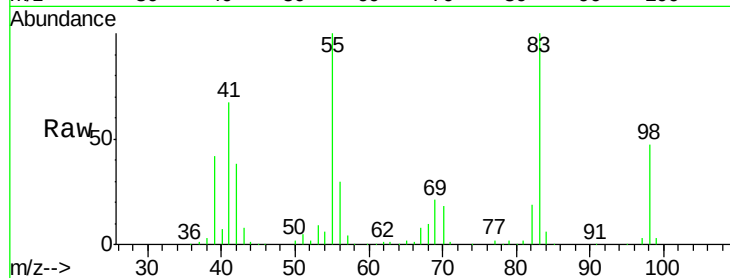
Tot Ion: 83 Resp: 692644

Ion Ratio Lower Upper

83 100

55 100.4 80.3 120.5

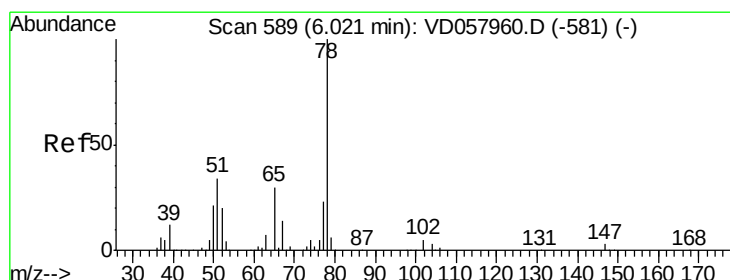
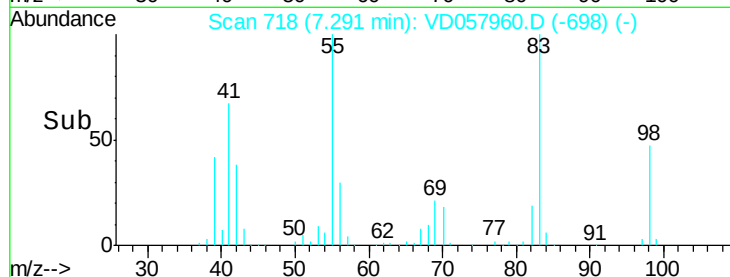
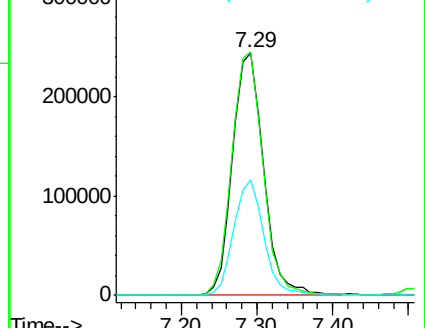
98 47.5 38.0 57.0



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 49.63 ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.00 min

Lab File: VD057960.D

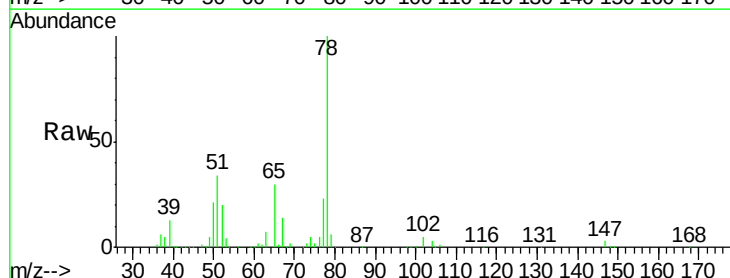
Acq: 6 Jun 2018 19:18

Tgt Ion: 78 Resp: 1589610

Ion Ratio Lower Upper

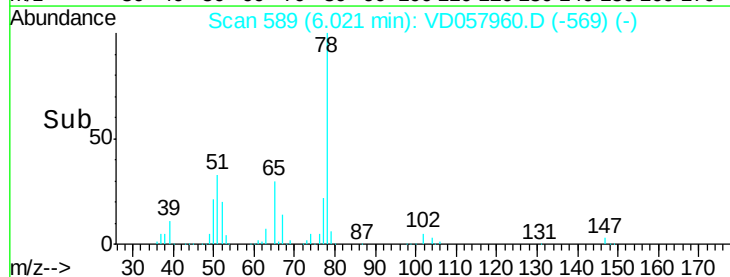
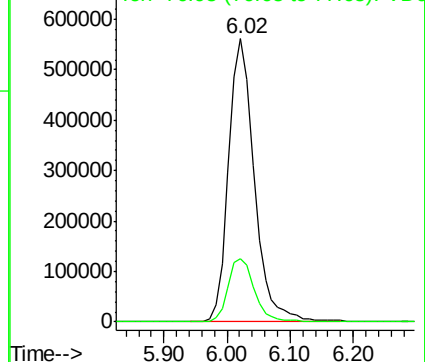
78 100

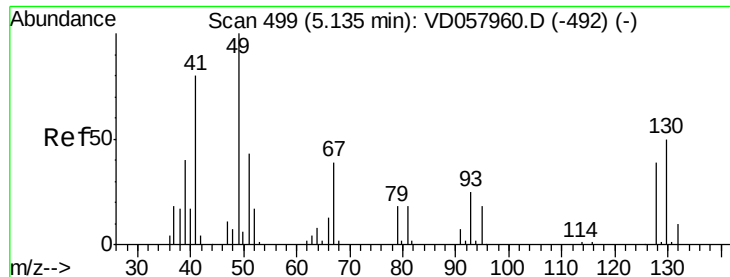
77 22.6 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 51.26 ug/l

RT: 5.14 min Scan# 499

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 175351

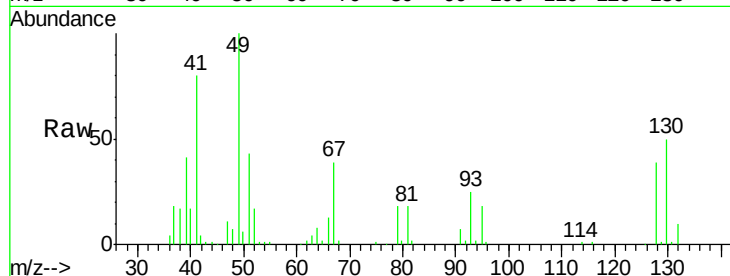
Ion Ratio Lower Upper

41 100

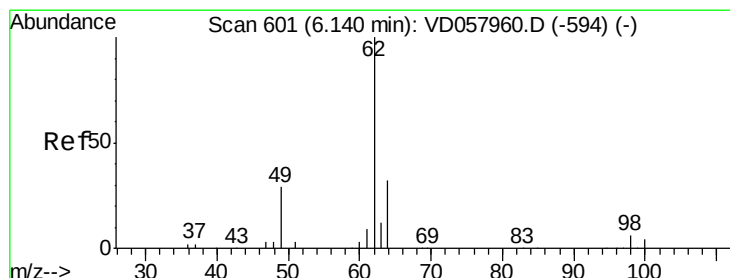
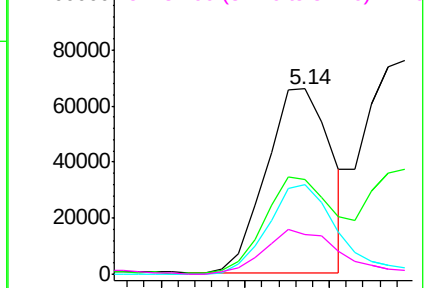
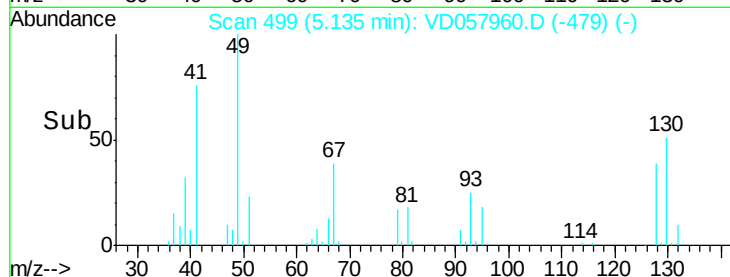
39 50.9 40.7 61.1

67 48.5 38.8 58.2

52 21.6 17.3 25.9



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



#42

1,2-Dichloroethane

Concen: 51.18 ug/l

RT: 6.14 min Scan# 601

Delta R.T. 0.00 min

Lab File: VD057960.D

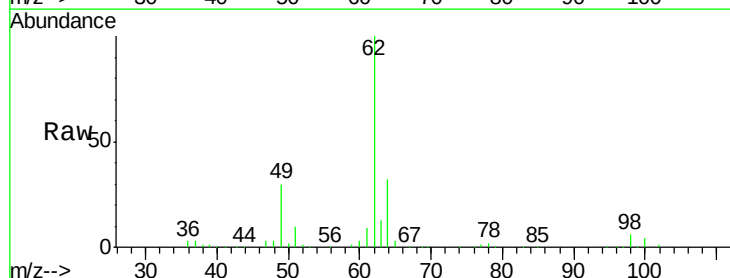
Acq: 6 Jun 2018 19:18

Tgt Ion: 62 Resp: 662783

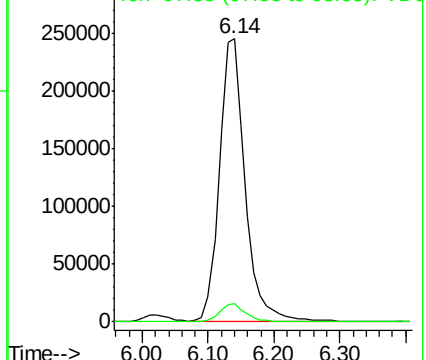
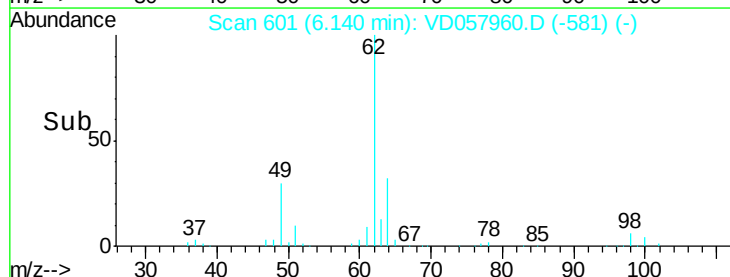
Ion Ratio Lower Upper

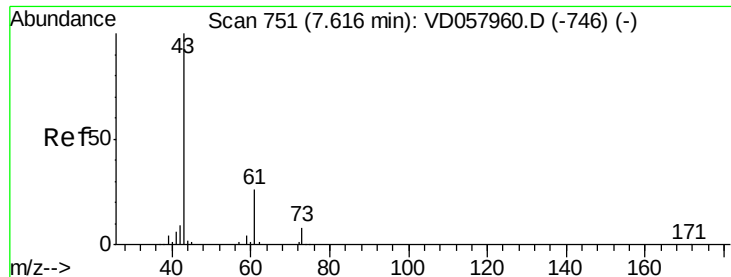
62 100

98 6.4 0.0 12.8



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

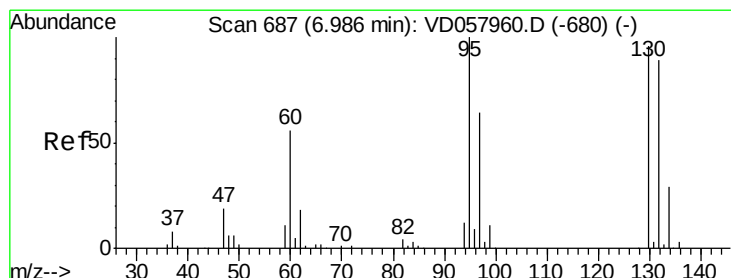
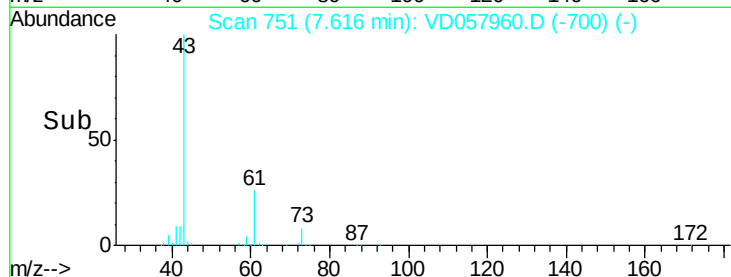
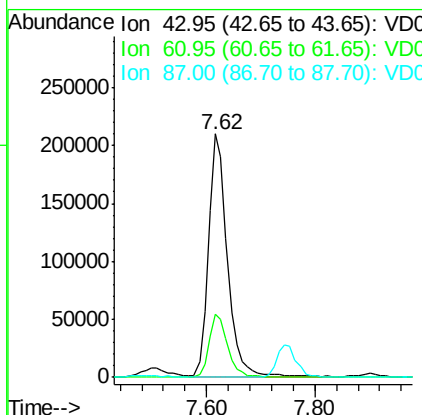
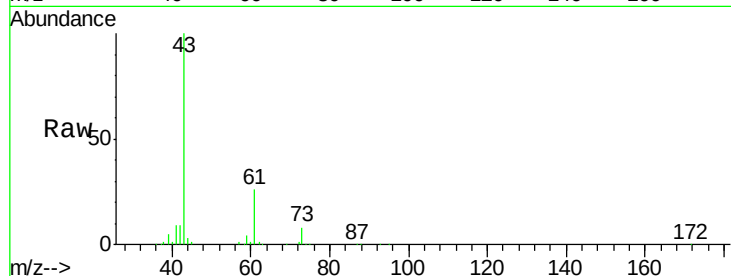




#43
Isopropyl Acetate
Concen: 51.72 ug/l
RT: 7.62 min Scan# 751
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

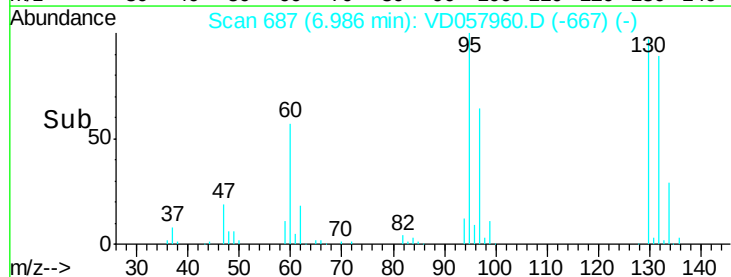
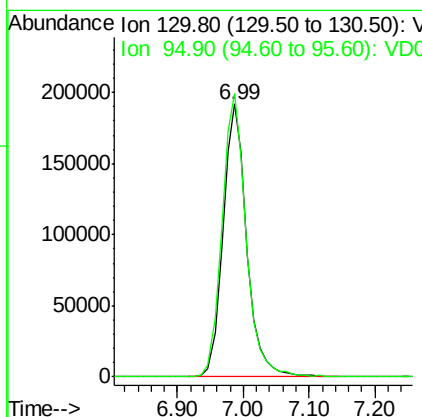
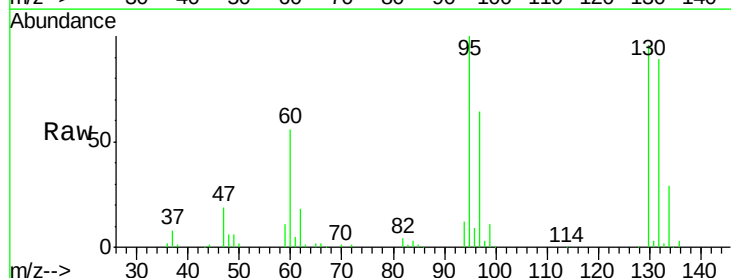
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

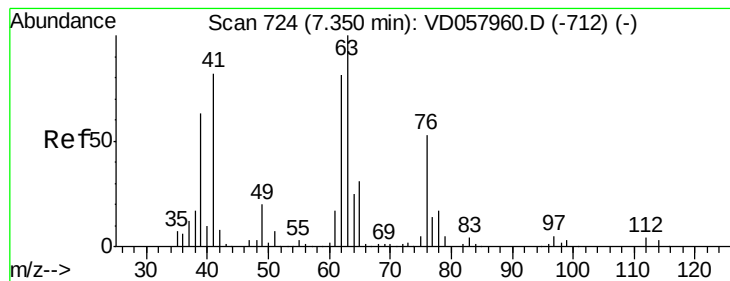
Tot Ion: 43 Resp: 506770
Ion Ratio Lower Upper
43 100
61 25.7 20.6 30.8
87 0.3 0.2 0.4



#44
Trichloroethene
Concen: 51.38 ug/l
RT: 6.99 min Scan# 687
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:130 Resp: 480648
Ion Ratio Lower Upper
130 100
95 103.7 0.0 207.4





#45

1,2-Dichloropropane

Concen: 50.84 ug/l

RT: 7.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

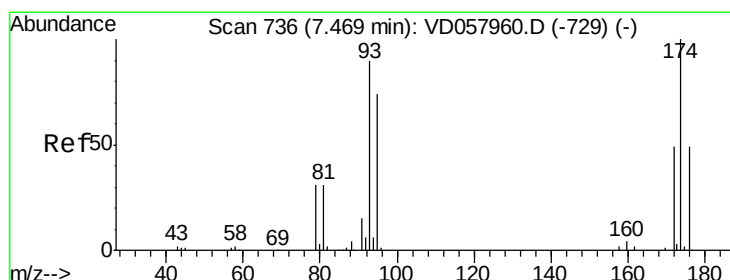
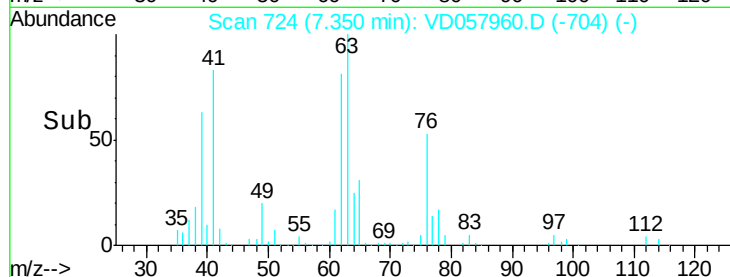
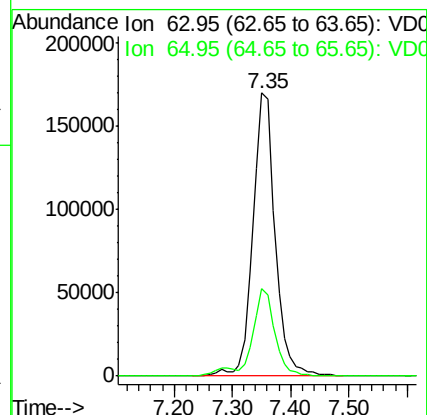
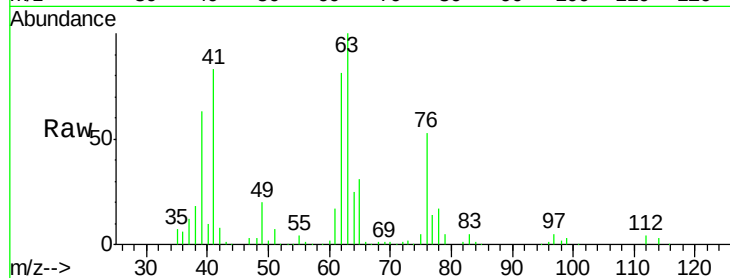
VSTDICCC050

Tot Ion: 63 Resp: 452549

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 51.01 ug/l

RT: 7.47 min Scan# 736

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

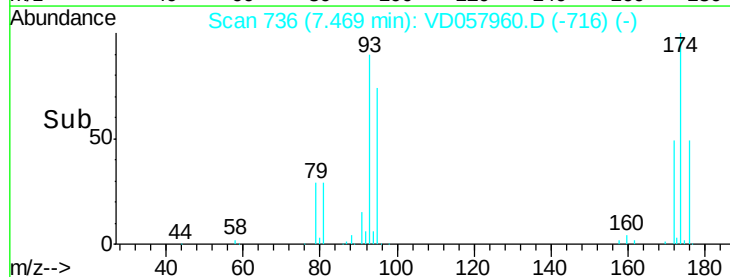
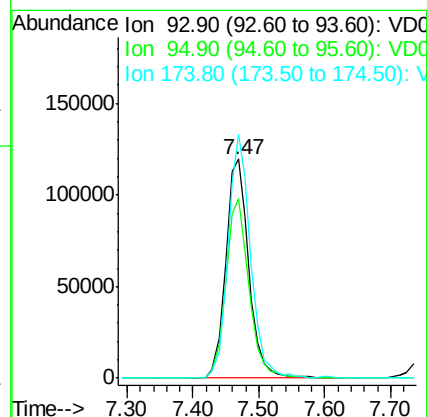
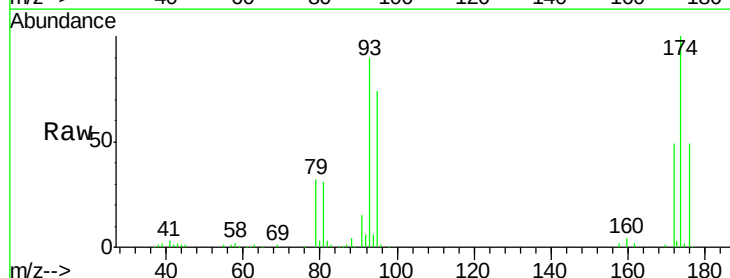
Tgt Ion: 93 Resp: 291707

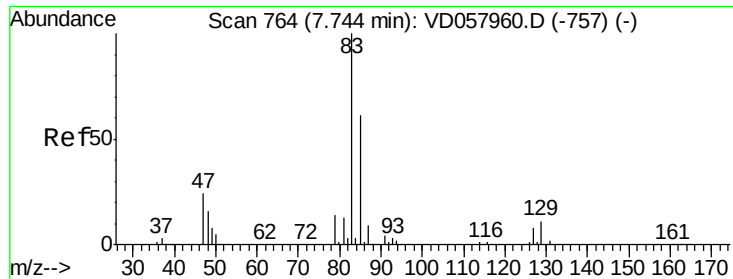
Ion Ratio Lower Upper

93 100

95 82.1 65.7 98.5

174 111.2 89.0 133.4





#47

Bromodichloromethane

Concen: 52.48 ug/l

RT: 7.74 min Scan# 764

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

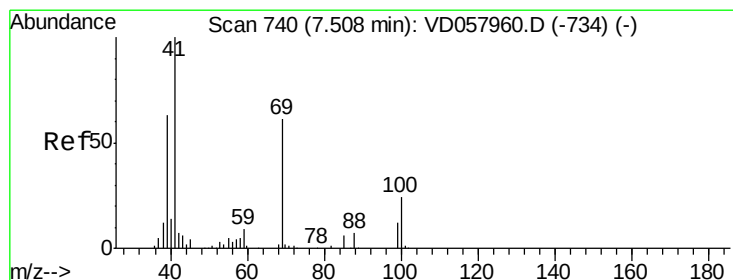
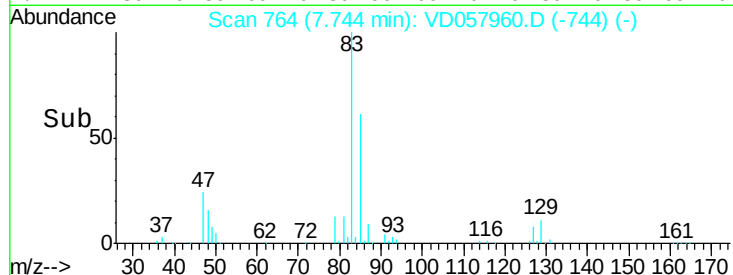
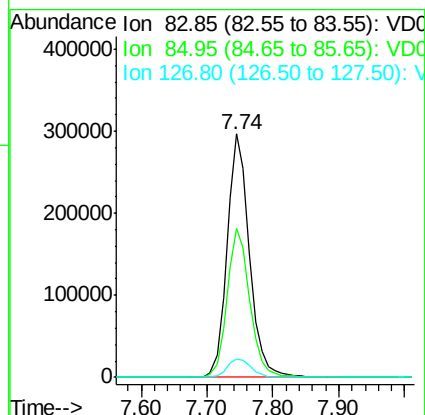
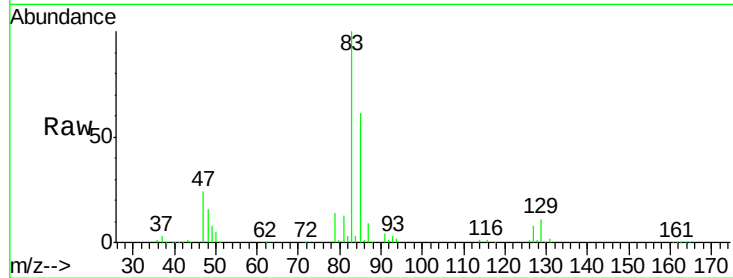
Tot Ion: 83 Resp: 702667

Ion Ratio Lower Upper

83 100

85 61.4 49.1 73.7

127 7.7 6.2 9.2



#48

Methyl methacrylate

Concen: 50.50 ug/l

RT: 7.51 min Scan# 740

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

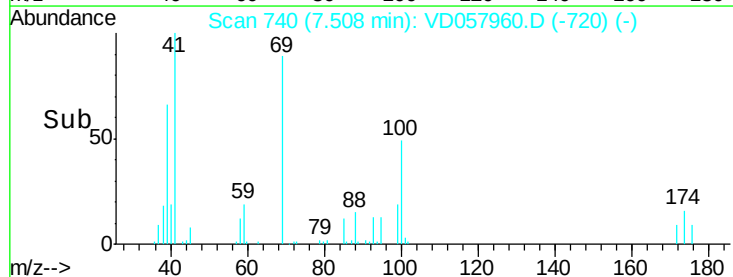
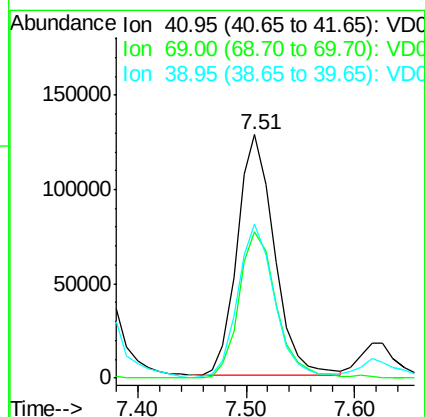
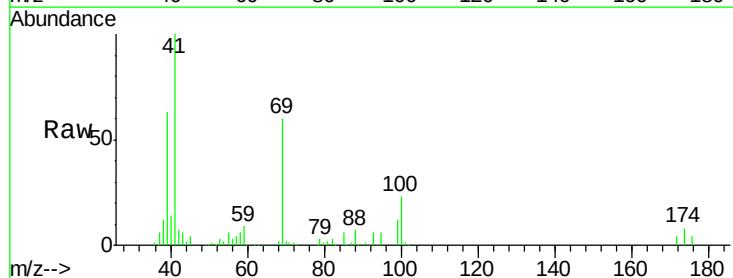
Tgt Ion: 41 Resp: 304560

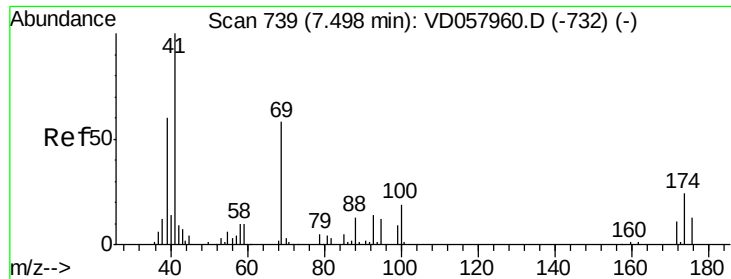
Ion Ratio Lower Upper

41 100

69 60.0 48.0 72.0

39 63.4 50.7 76.1





#49

1,4-Dioxane

Concen: 1013.59 ug/l

RT: 7.50 min Scan# 739

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

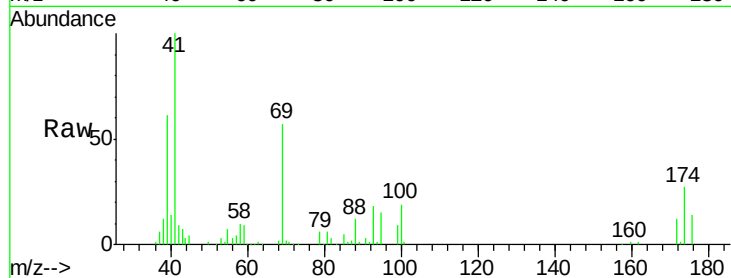
Tot Ion: 88 Resp: 50644

Ion Ratio Lower Upper

88 100

43 58.2 46.6 69.8

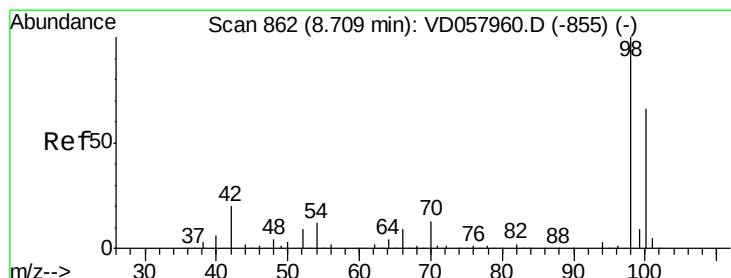
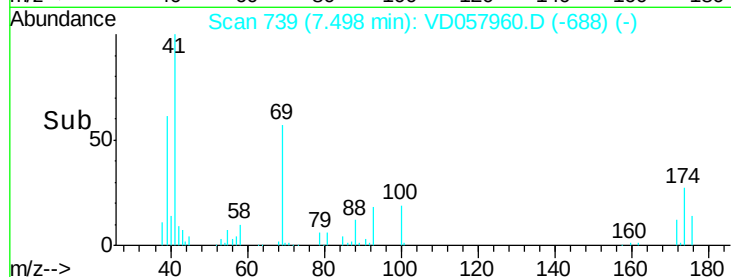
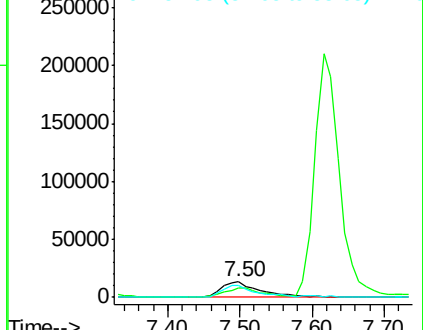
58 79.5 63.6 95.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 1013.59 ug/l

RT: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD057960.D

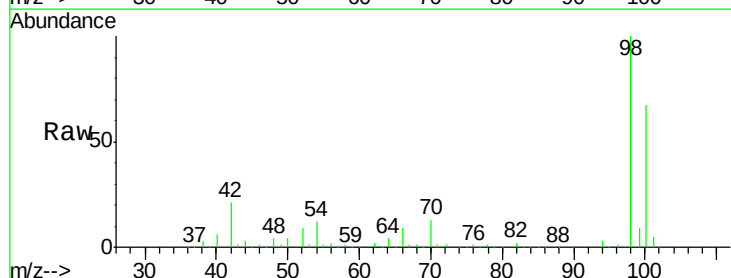
Acq: 6 Jun 2018 19:18

Tgt Ion: 98 Resp: 1083651

Ion Ratio Lower Upper

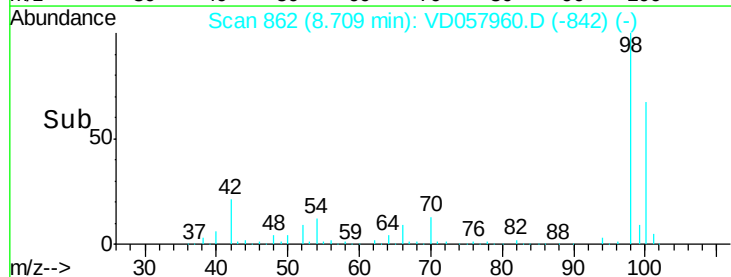
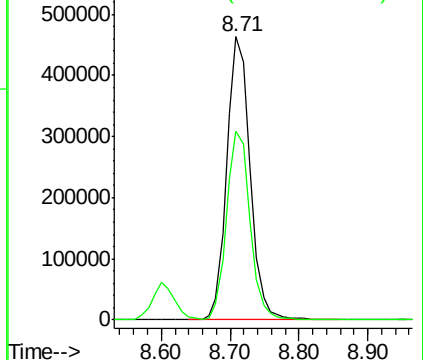
98 100

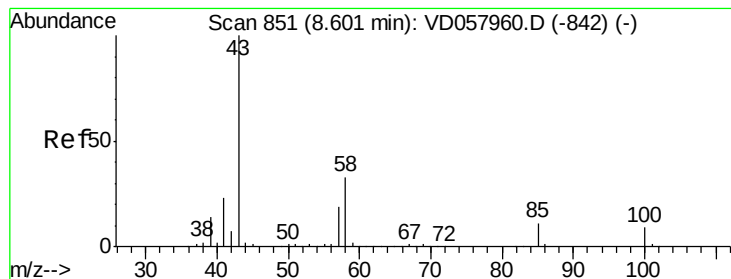
100 66.7 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 255.38 ug/l

RT: 8.60 min Scan# 851

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

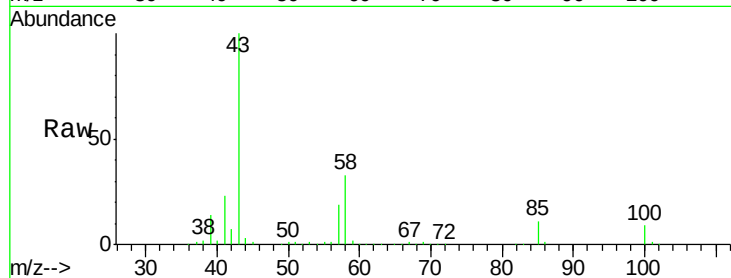
VSTDICCC050

Tot Ion: 43 Resp: 1605166

Ion Ratio Lower Upper

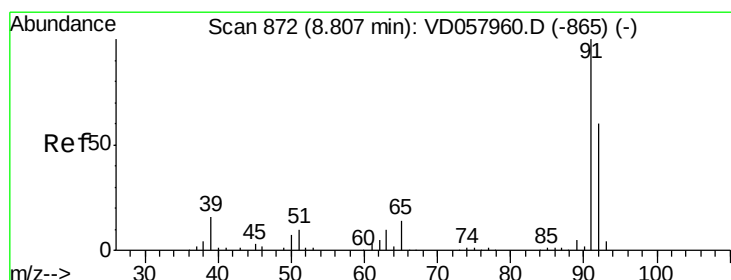
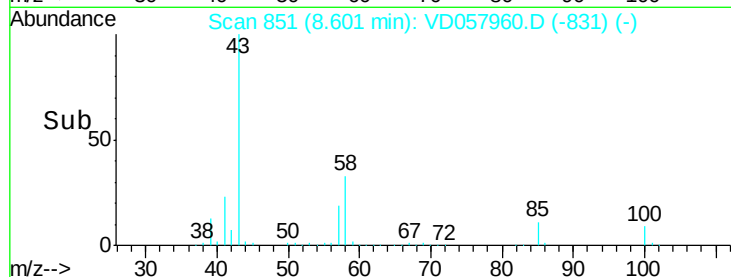
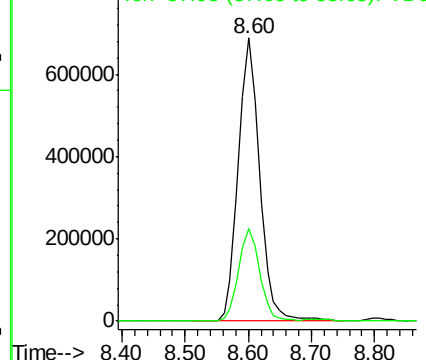
43 100

58 32.8 26.2 39.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 49.14 ug/l

RT: 8.81 min Scan# 872

Delta R.T. 0.00 min

Lab File: VD057960.D

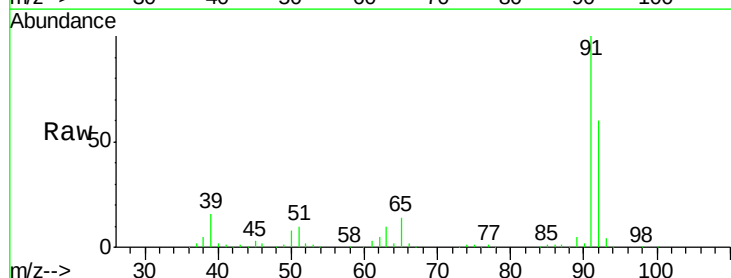
Acq: 6 Jun 2018 19:18

Tgt Ion: 92 Resp: 903312

Ion Ratio Lower Upper

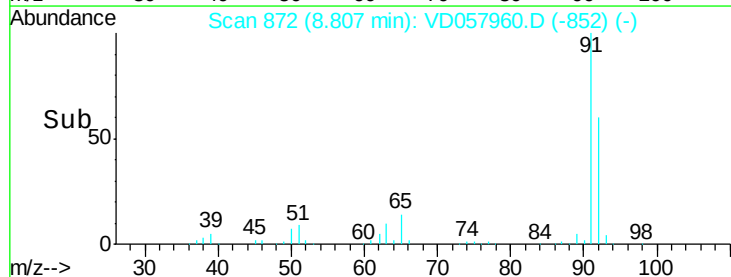
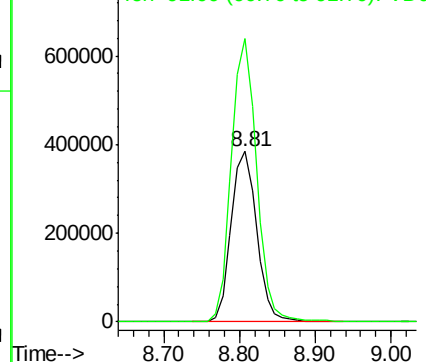
92 100

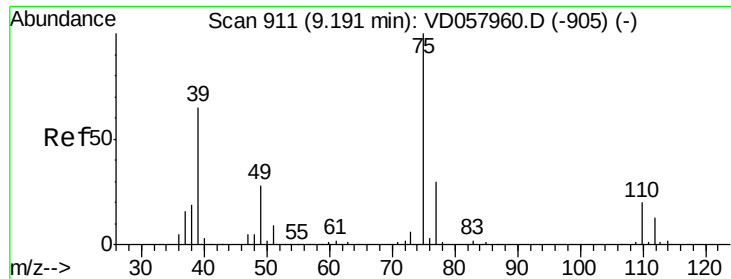
91 166.3 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

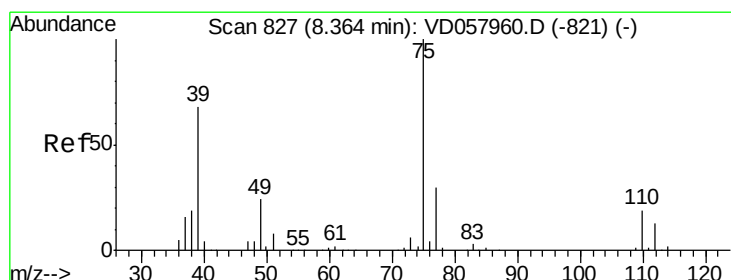
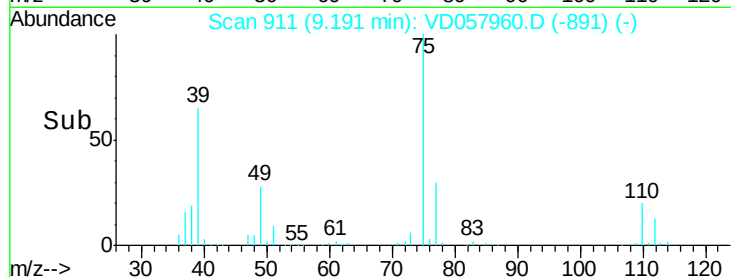
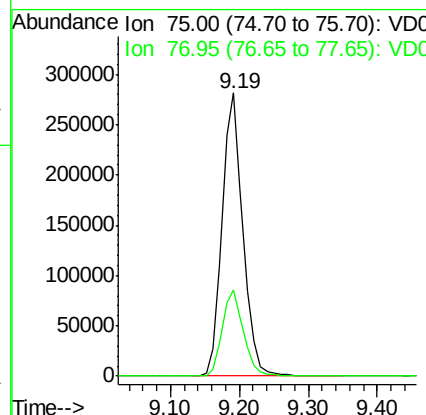
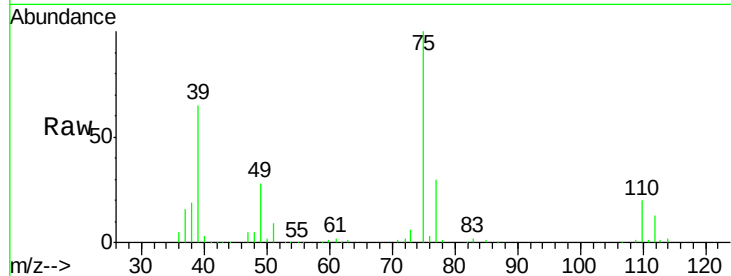




#53
 t-1,3-Dichloropropene
 Concen: 50.84 ug/l
 RT: 9.19 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

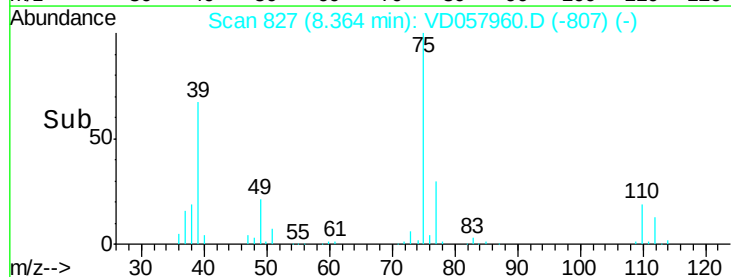
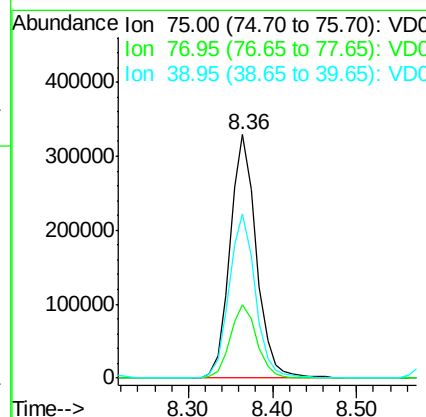
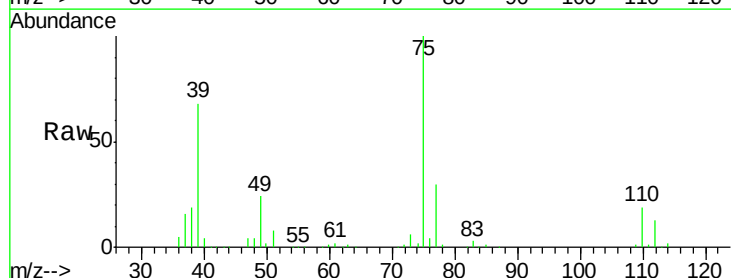
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

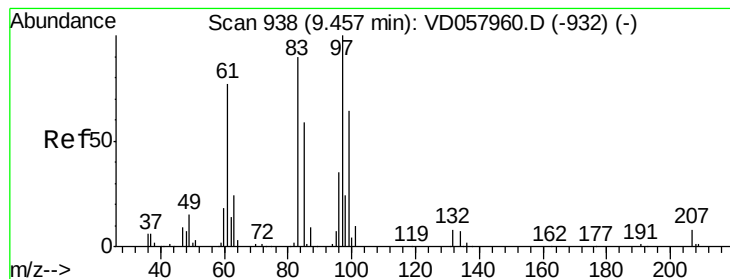
Tot Ion: 75 Resp: 586510
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 52.47 ug/l
 RT: 8.36 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 75 Resp: 713046
 Ion Ratio Lower Upper
 75 100
 77 30.1 24.1 36.1
 39 67.5 54.0 81.0





#55

1,1,2-Trichloroethane

Concen: 50.05 ug/l

RT: 9.46 min Scan# 938

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

Tot Ion: 97 Resp: 297740

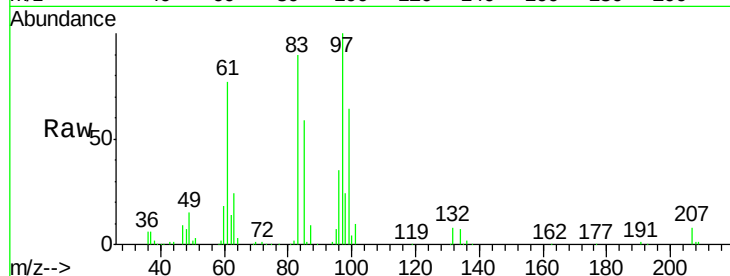
Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.8	107.8
85	59.0	47.2	70.8
99	64.2	51.4	77.0

97 100

83 89.8 71.8 107.8

85 59.0 47.2 70.8

99 64.2 51.4 77.0

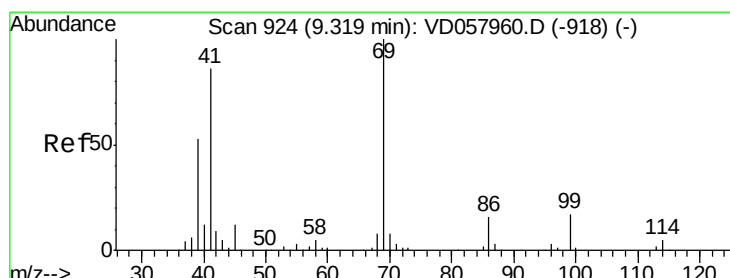
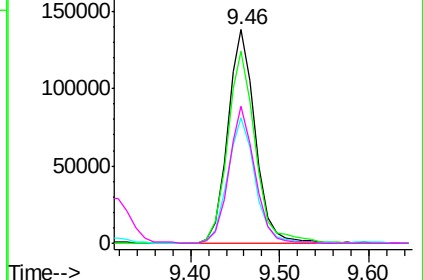
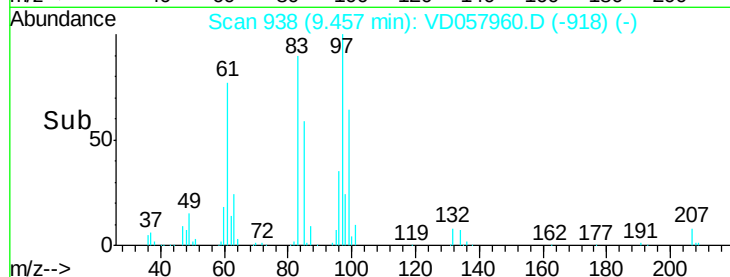


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 51.72 ug/l

RT: 9.32 min Scan# 924

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

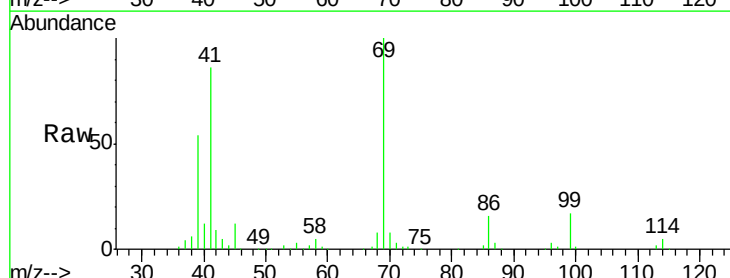
Tgt Ion: 69 Resp: 377413

Ion	Ratio	Lower	Upper
69	100		
41	85.5	68.4	102.6
39	53.7	43.0	64.4

69 100

41 85.5 68.4 102.6

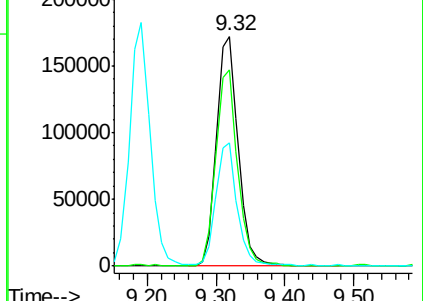
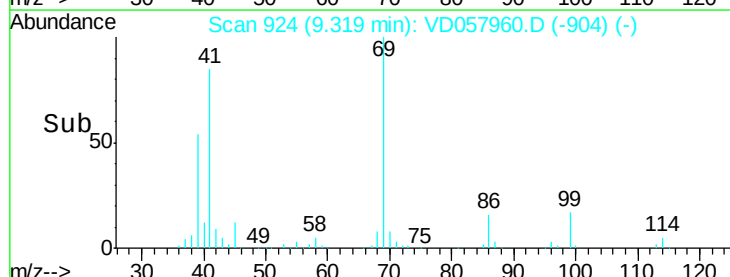
39 53.7 43.0 64.4

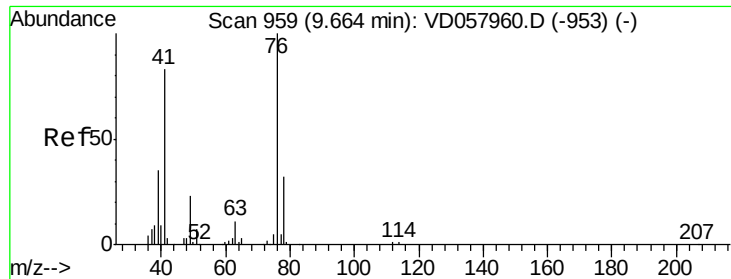


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

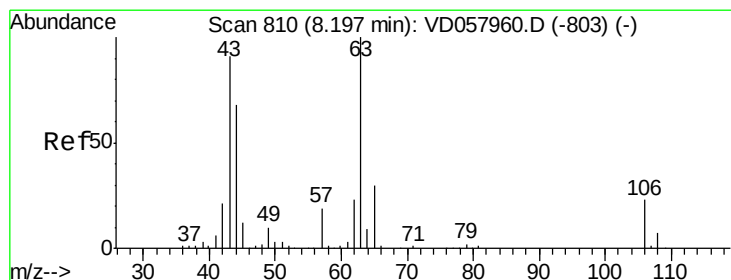
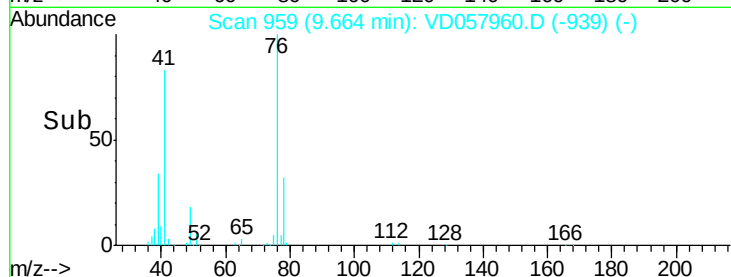
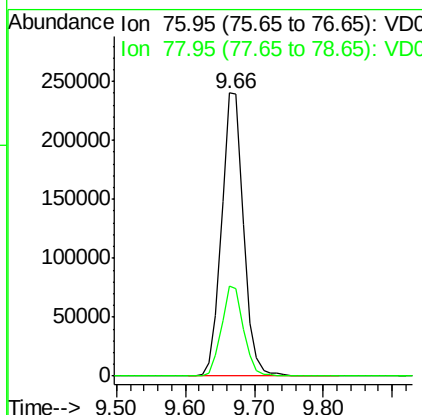
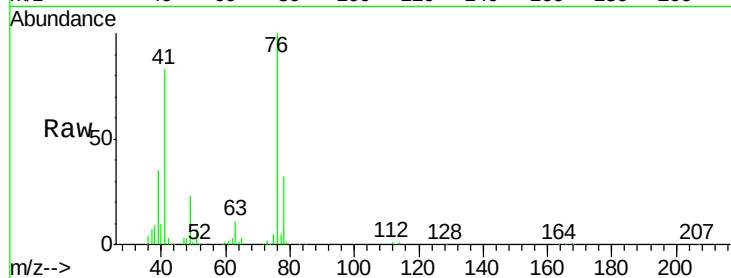




#57
 1,3-Dichloropropane
 Concen: 50.72 ug/l
 RT: 9.66 min Scan# 959
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

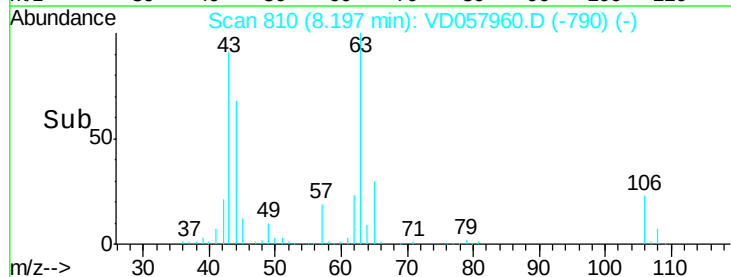
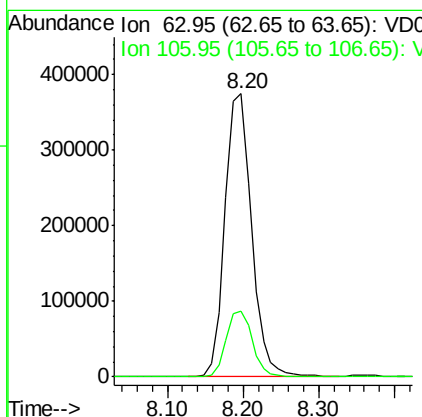
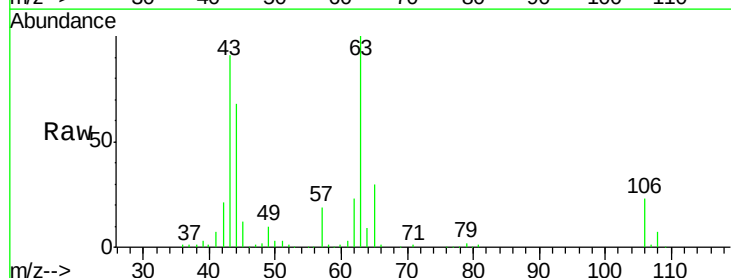
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

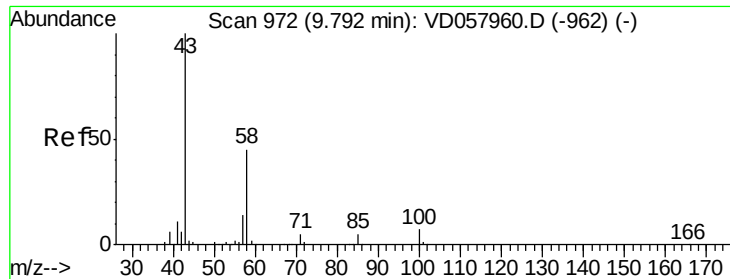
Tot Ion: 76 Resp: 529180
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.34 ug/l
 RT: 8.20 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 63 Resp: 911933
 Ion Ratio Lower Upper
 63 100
 106 23.4 18.7 28.1

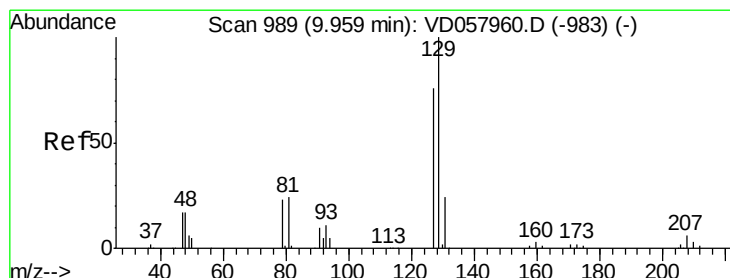
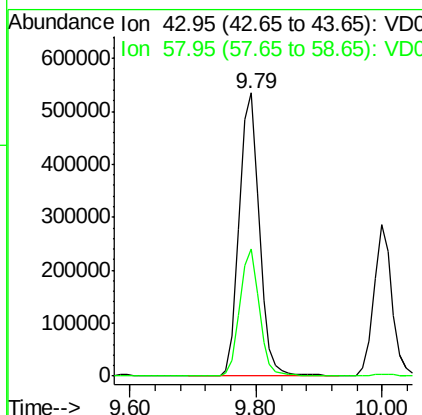
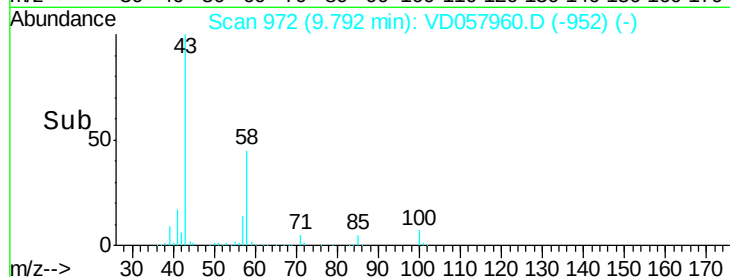
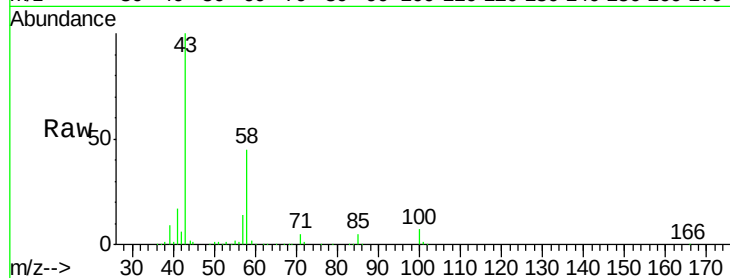




#59
2-Hexanone
Concen: 254.45 ug/l
RT: 9.79 min Scan# 972
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

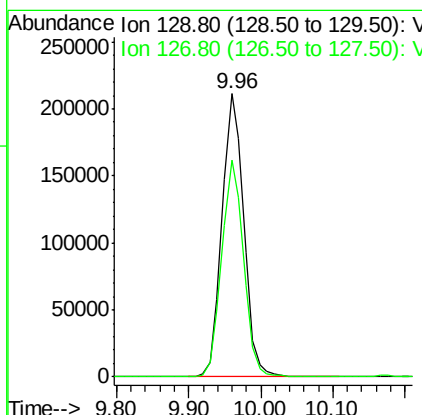
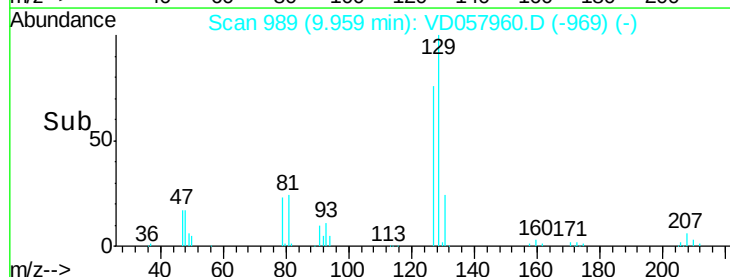
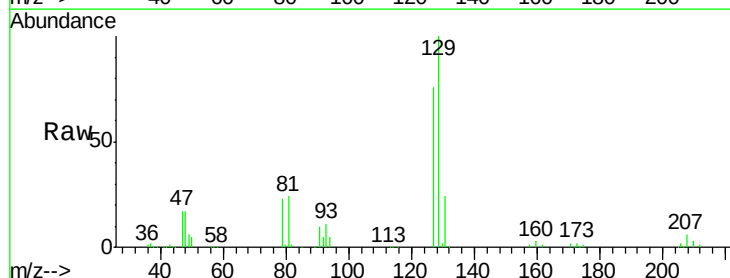
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

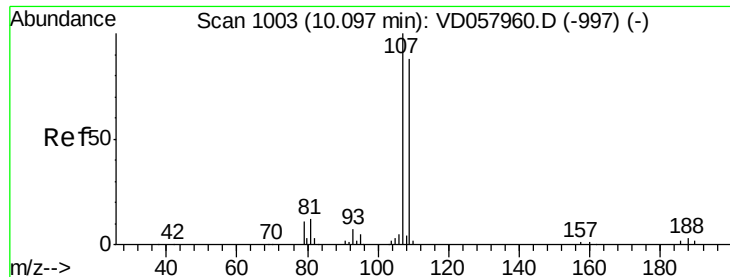
Tot Ion: 43 Resp: 1172020
Ion Ratio Lower Upper
43 100
58 45.0 22.5 67.5



#60
Dibromochloromethane
Concen: 52.59 ug/l
RT: 9.96 min Scan# 989
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:129 Resp: 441219
Ion Ratio Lower Upper
129 100
127 76.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 50.62 ug/l

RT: 10.10 min Scan# 1003

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

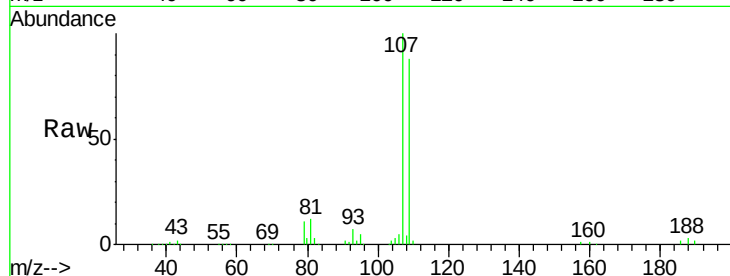
VSTDICCC050

Tot Ion:107 Resp: 346343

Ion Ratio Lower Upper

107 100

109 88.3 70.6 106.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V

10.10

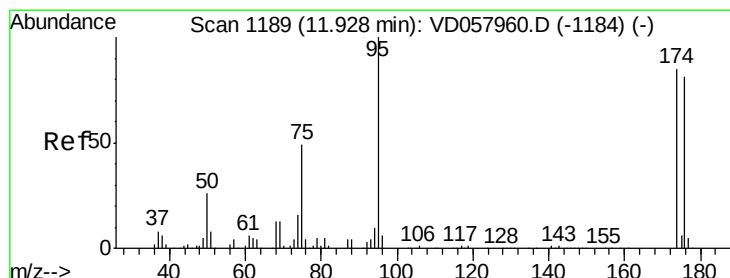
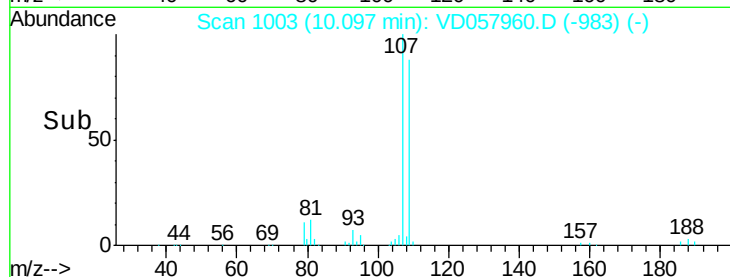
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.62 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

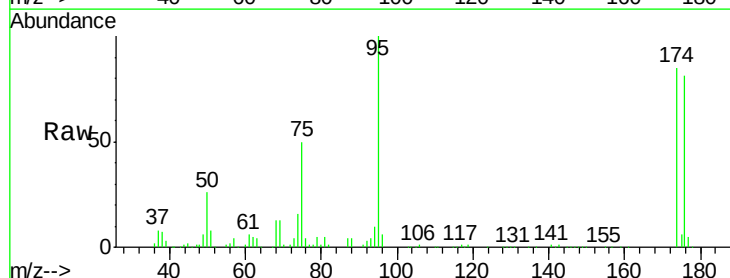
Tgt Ion: 95 Resp: 477571

Ion Ratio Lower Upper

95 100

174 84.7 0.0 169.4

176 81.3 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

11.93

400000

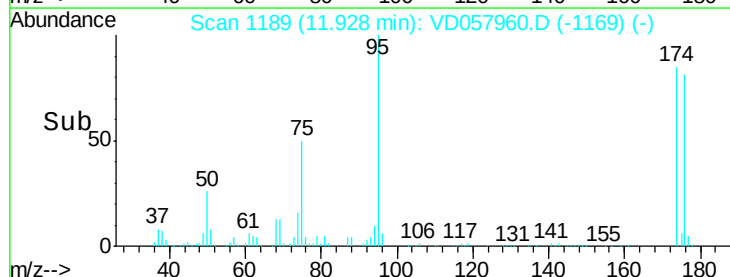
300000

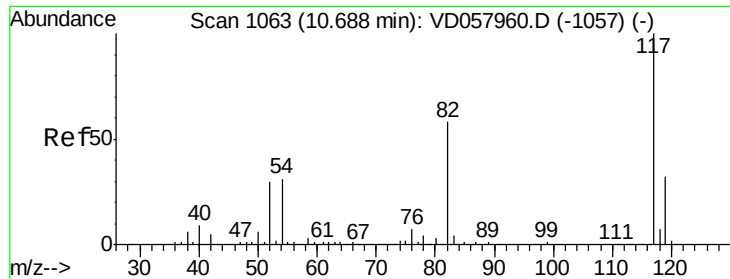
200000

100000

0

Time-->

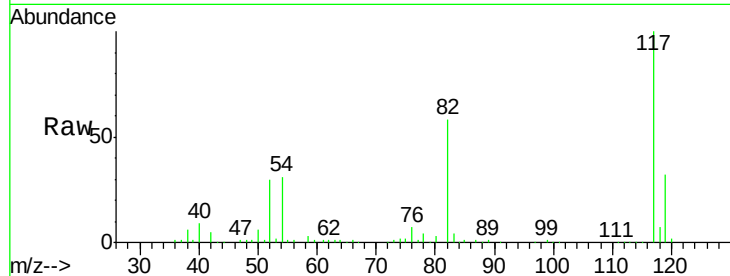




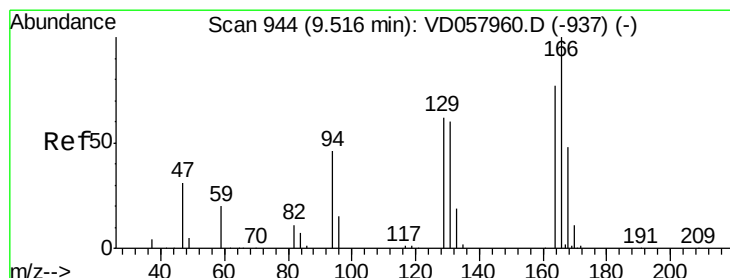
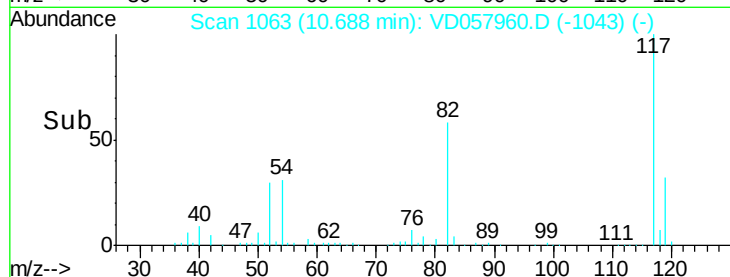
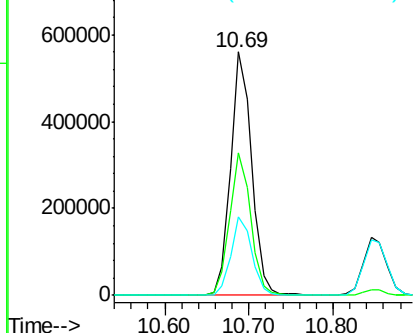
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:117 Resp: 974340
Ion Ratio Lower Upper
117 100
82 58.5 46.8 70.2
119 32.2 25.8 38.6

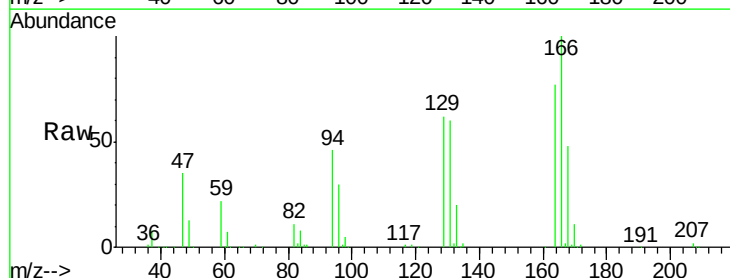


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

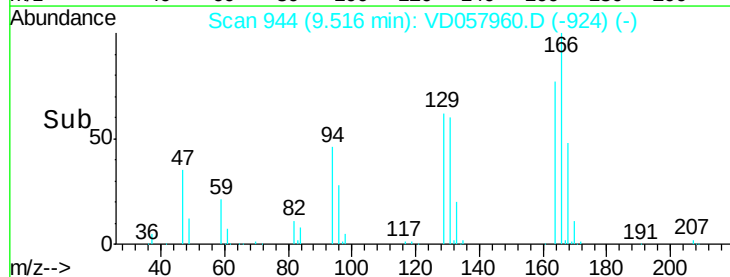
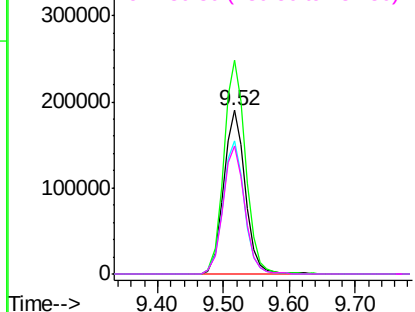


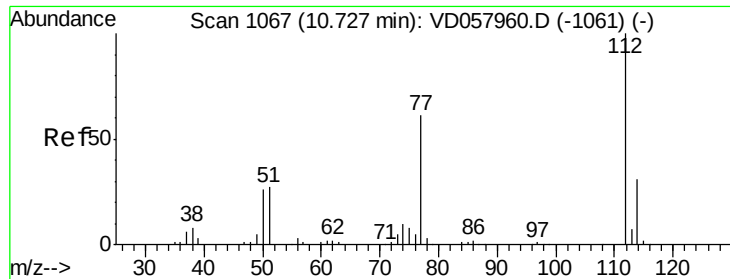
#64
Tetrachloroethene
Concen: 49.86 ug/l
RT: 9.52 min Scan# 944
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:164 Resp: 434294
Ion Ratio Lower Upper
164 100
166 130.5 104.4 156.6
129 81.3 65.0 97.6
131 78.6 62.9 94.3



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

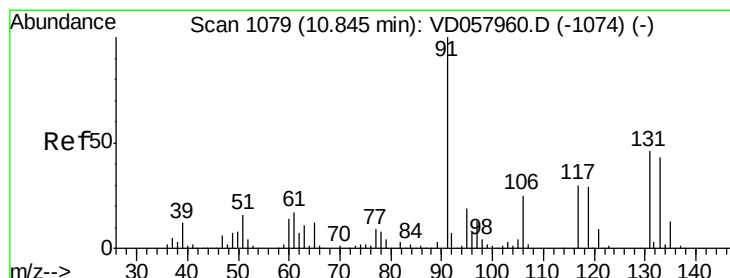
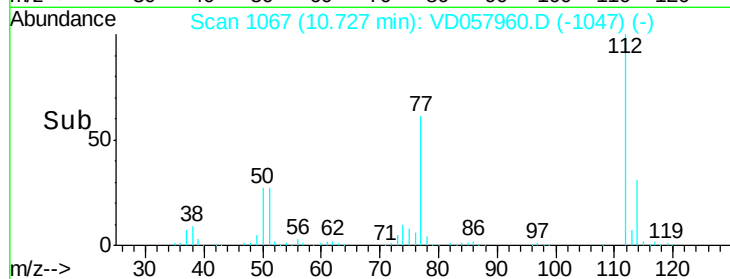
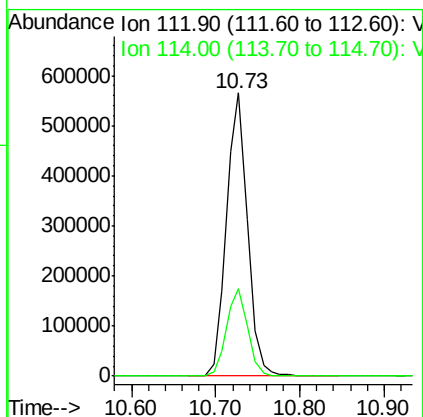
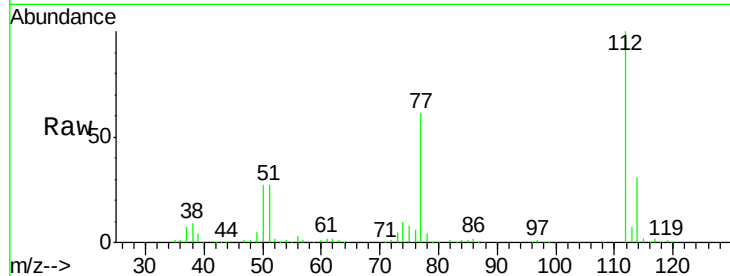




#65
Chlorobenzene
Concen: 49.71 ug/l
RT: 10.73 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

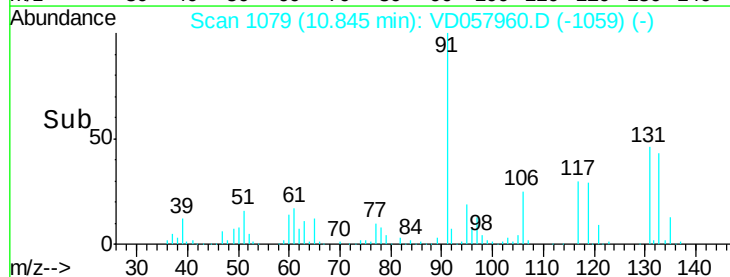
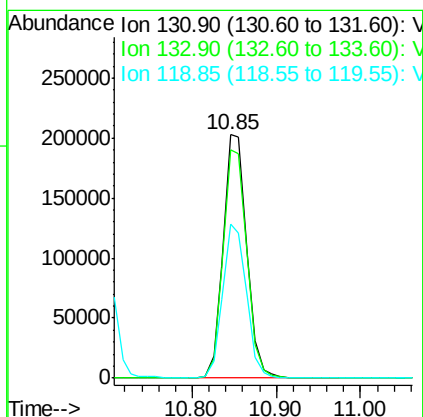
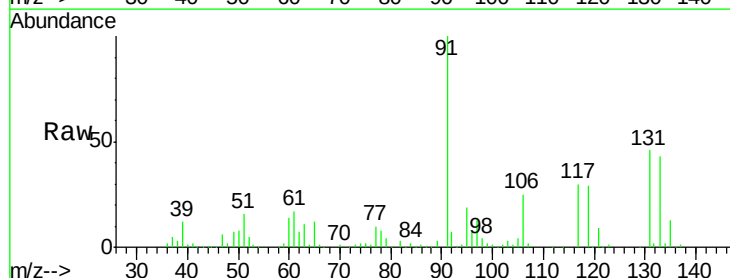
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

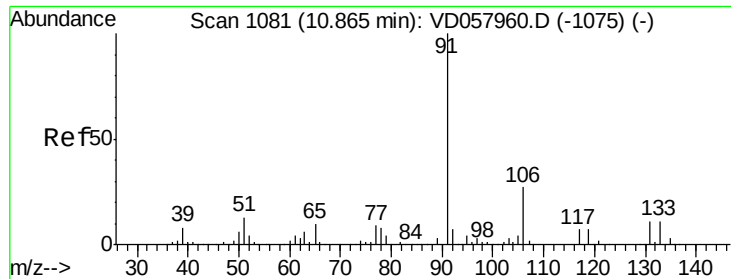
Tot Ion:112 Resp: 980466
Ion Ratio Lower Upper
112 100
114 31.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.84 ug/l
RT: 10.85 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:131 Resp: 392823
Ion Ratio Lower Upper
131 100
133 93.7 46.9 140.6
119 63.5 31.8 95.3

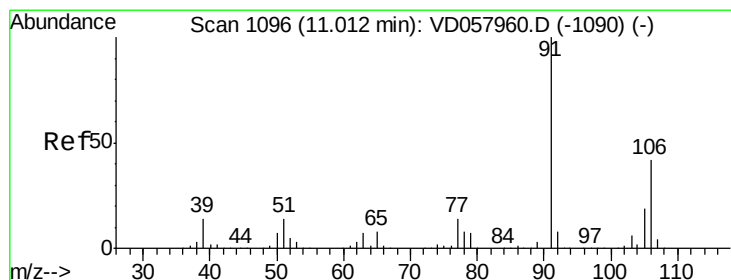
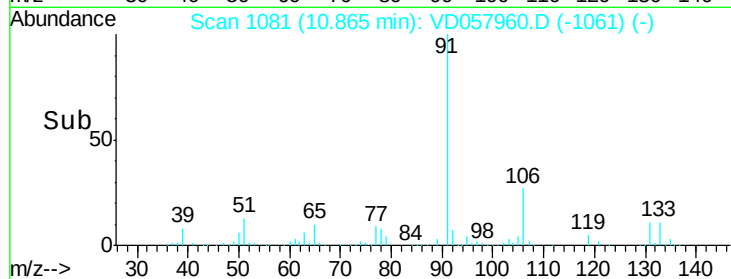
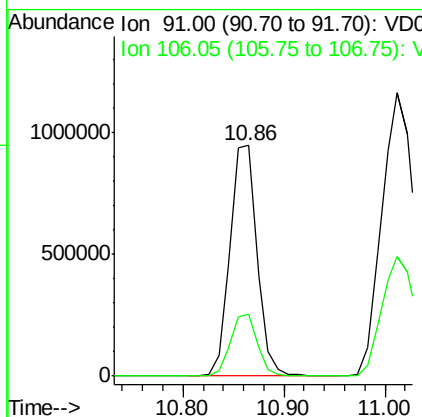
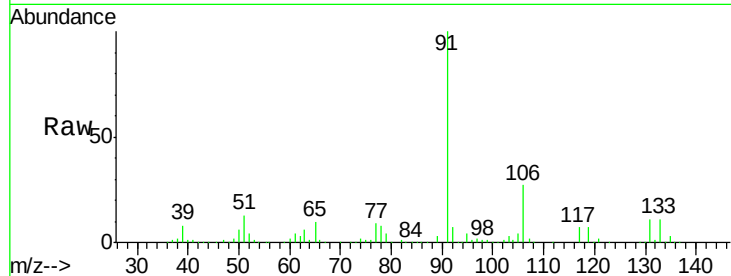




#67
Ethyl Benzene
Concen: 49.64 ug/l
RT: 10.86 min Scan# 1081
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

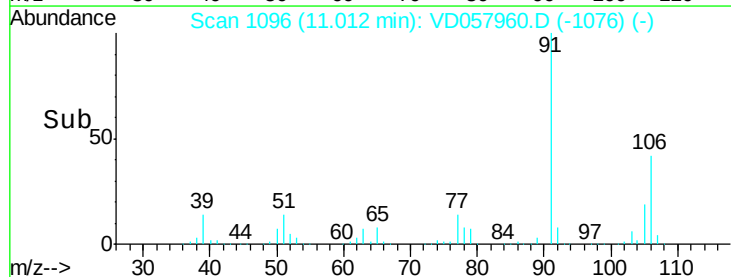
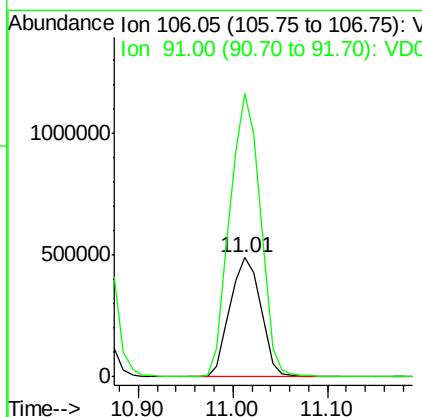
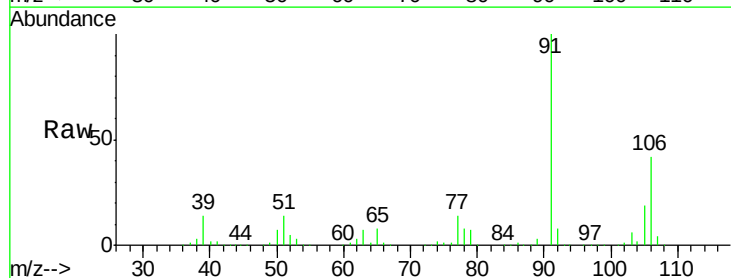
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

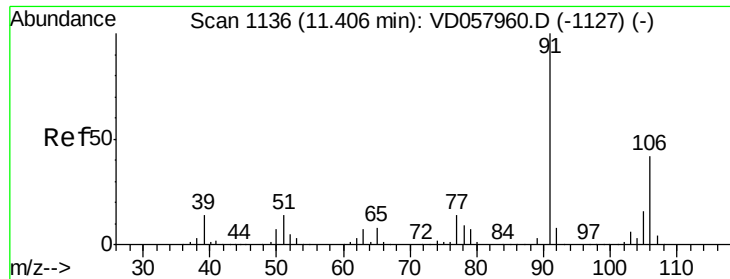
Tot Ion: 91 Resp: 1768856
Ion Ratio Lower Upper
91 100
106 26.9 21.5 32.3



#68
m/p-Xylenes
Concen: 95.69 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 106 Resp: 1111634
Ion Ratio Lower Upper
106 100
91 238.0 190.4 285.6

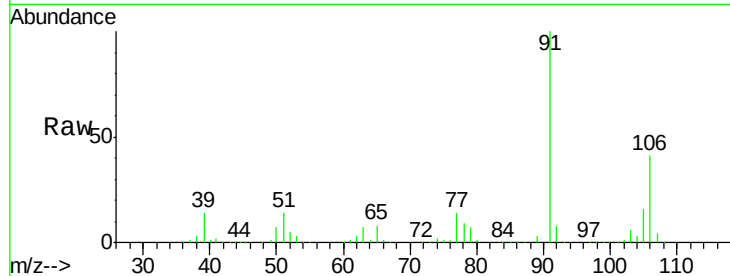




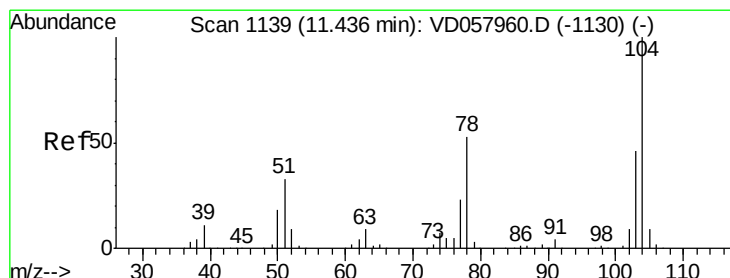
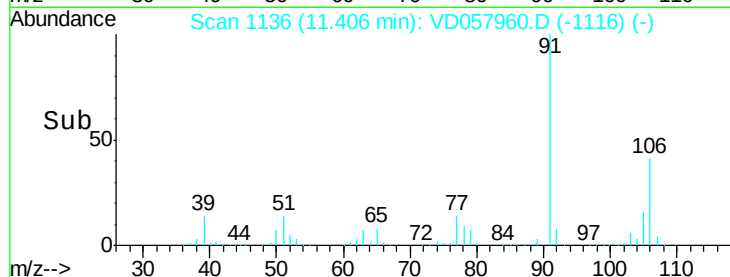
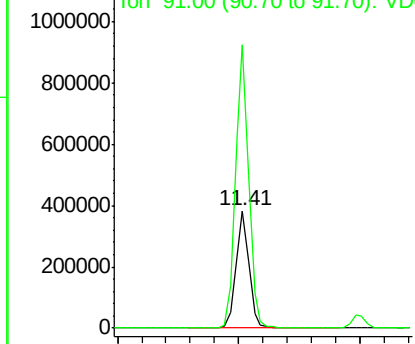
#69
o-Xylene
Concen: 49.71 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 573265
Ion Ratio Lower Upper
106 100
91 241.1 120.6 361.7

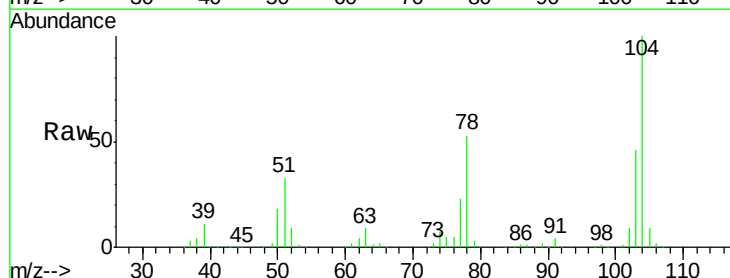


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

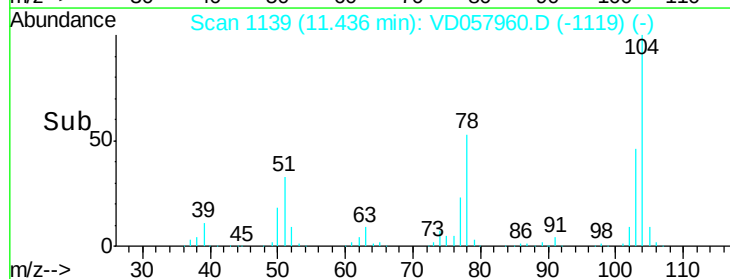
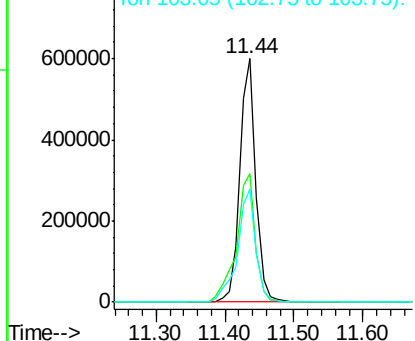


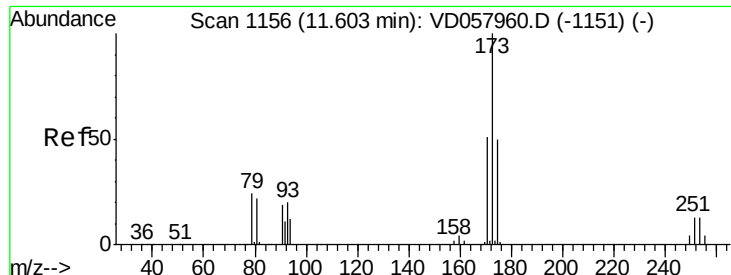
#70
Styrene
Concen: 50.20 ug/l
RT: 11.44 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:104 Resp: 958350
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 46.3 37.0 55.6



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

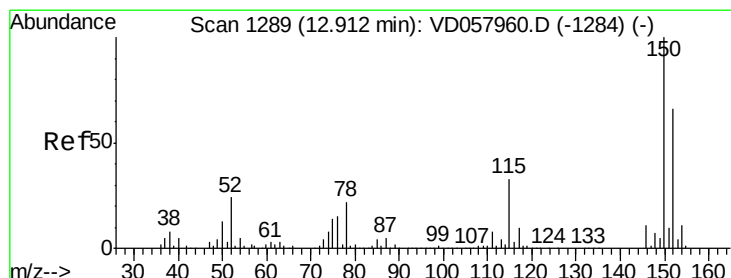
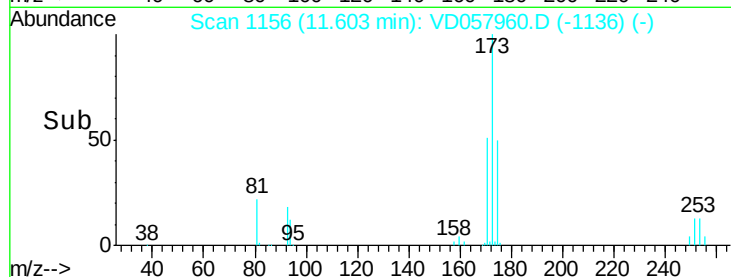
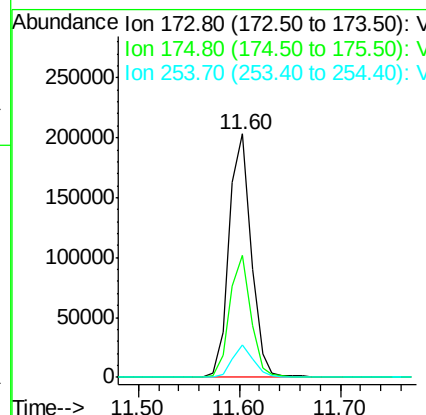
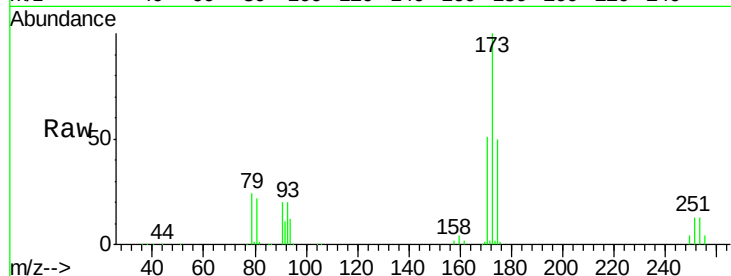




#71
Bromoform
Concen: 54.34 ug/l
RT: 11.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

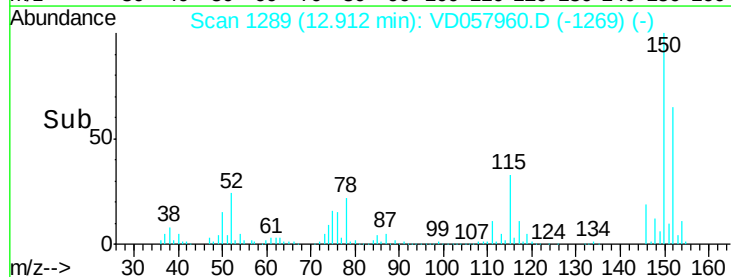
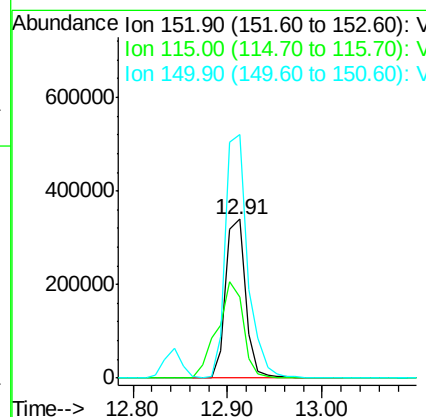
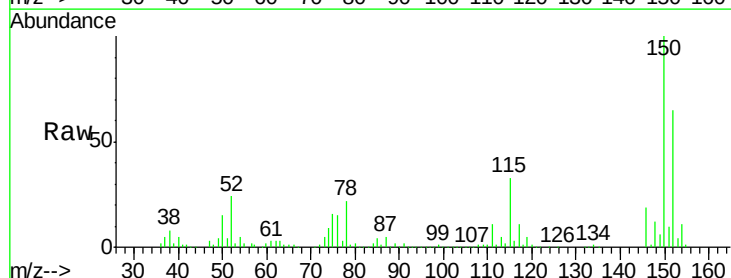
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

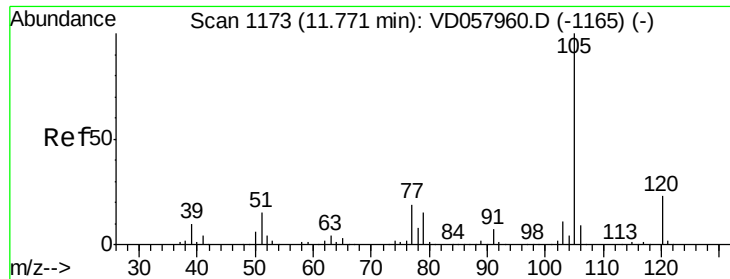
Tot Ion:173 Resp: 309782
Ion Ratio Lower Upper
173 100
175 50.1 25.1 75.2
254 13.4 10.7 16.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.91 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:152 Resp: 499686
Ion Ratio Lower Upper
152 100
115 51.1 25.6 76.6
150 153.4 0.0 306.8





#73

Isopropylbenzene

Concen: 49.89 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

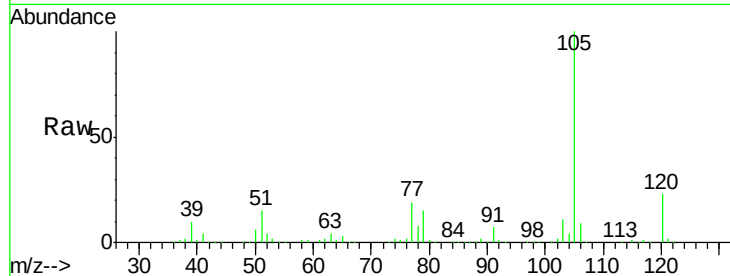
VSTDICCC050

Tot Ion:105 Resp: 1651332

Ion Ratio Lower Upper

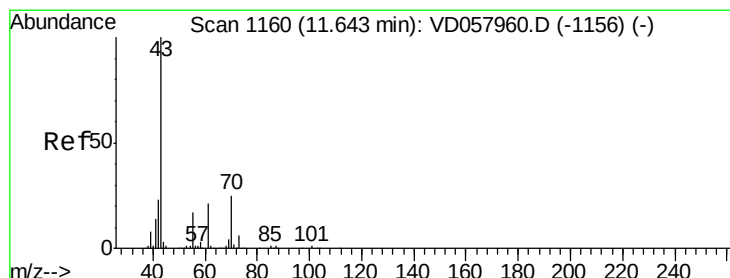
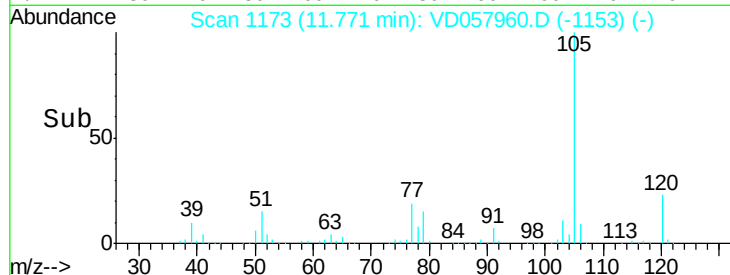
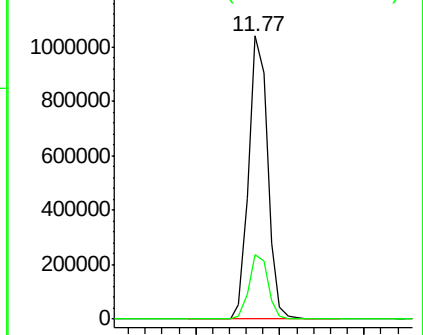
105 100

120 22.6 11.3 33.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 52.02 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Tgt Ion: 43 Resp: 664397

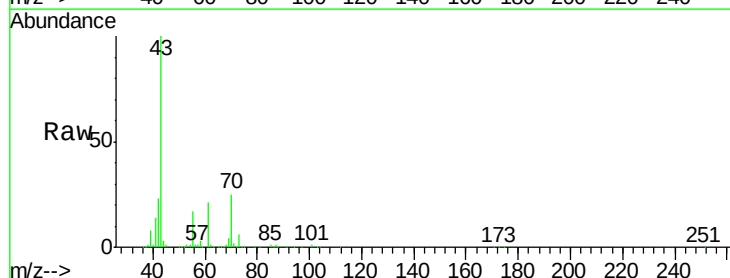
Ion Ratio Lower Upper

43 100

70 25.4 20.3 30.5

55 17.4 13.9 20.9

61 20.7 16.6 24.8

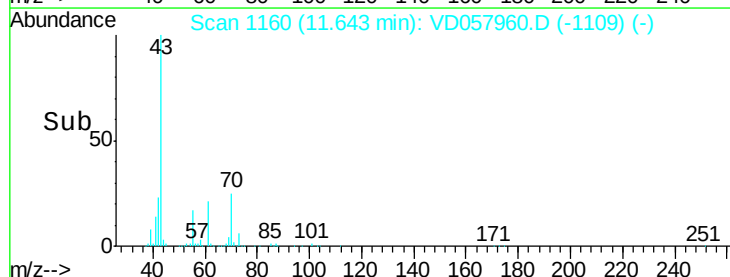
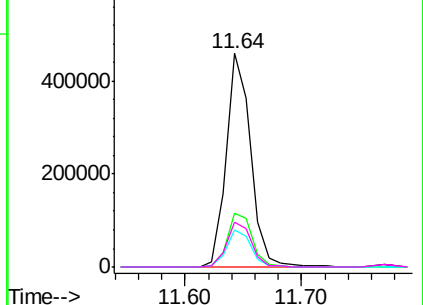


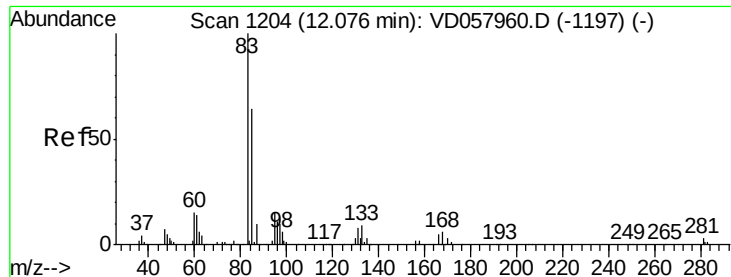
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 50.13 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD057960.D

Acq: 6 Jun 2018 19:18

Instrument :

MSVOA_D

ClientSampleId :

VSTDICCC050

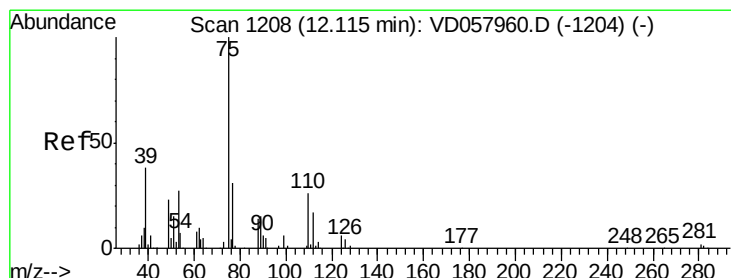
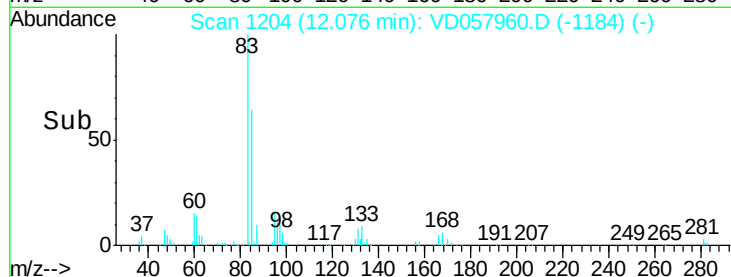
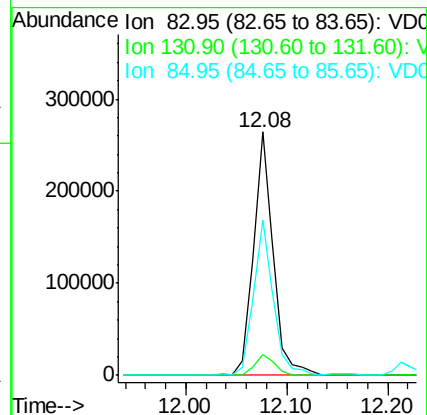
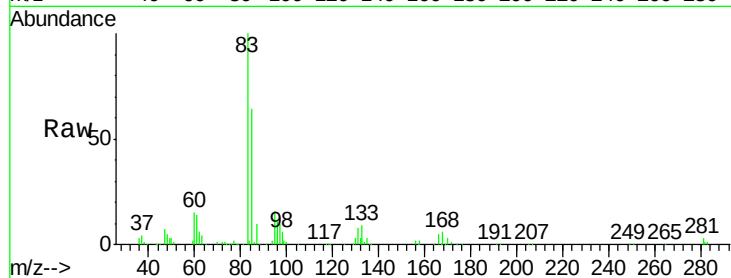
Tot Ion: 83 Resp: 361770

Ion	Ratio	Lower	Upper
83	100		
131	8.4	4.2	12.6
85	63.7	31.9	95.5

83 100

131 8.4 4.2 12.6

85 63.7 31.9 95.5



#76

1,2,3-Trichloropropane

Concen: 50.76 ug/l

RT: 12.12 min Scan# 1208

Delta R.T. 0.00 min

Lab File: VD057960.D

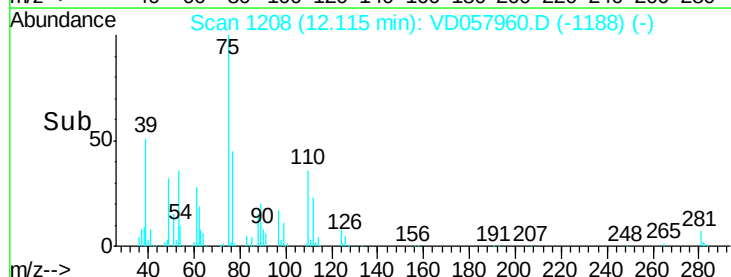
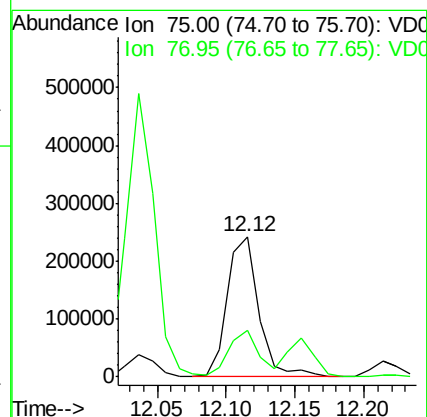
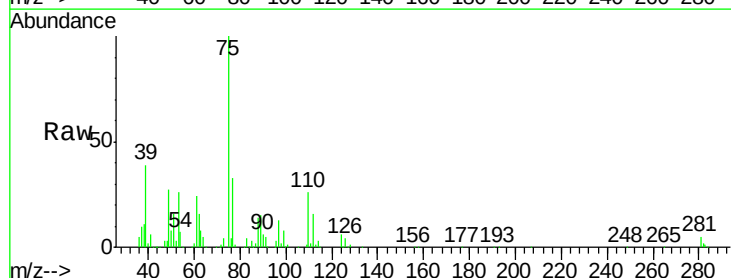
Acq: 6 Jun 2018 19:18

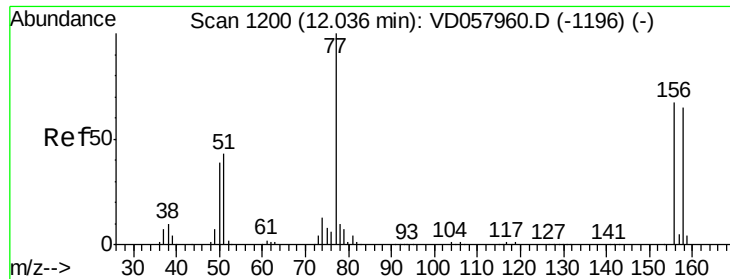
Tgt Ion: 75 Resp: 380984

Ion	Ratio	Lower	Upper
75	100		
77	33.4	16.7	50.1

75 100

77 33.4 16.7 50.1

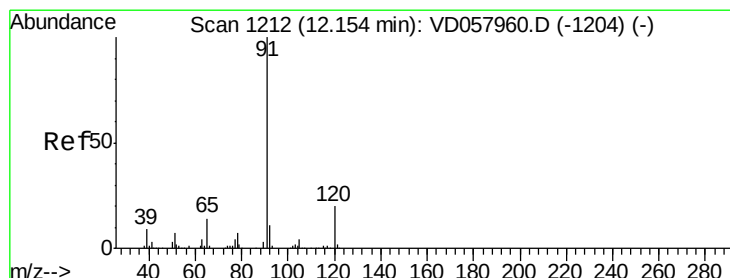
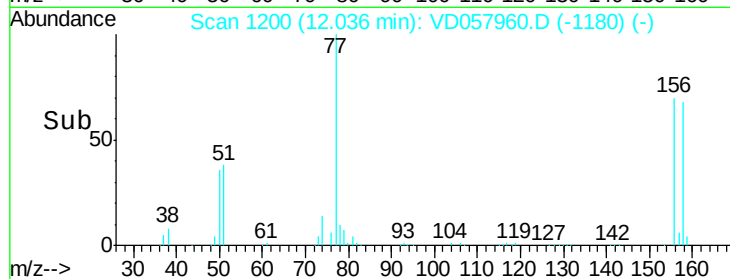
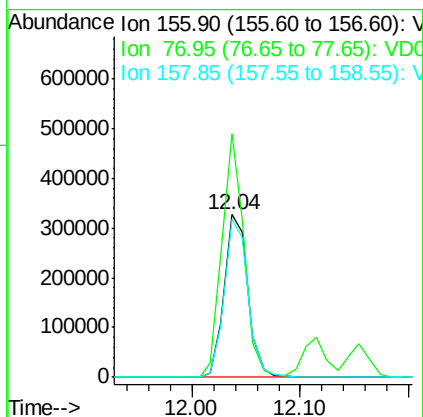
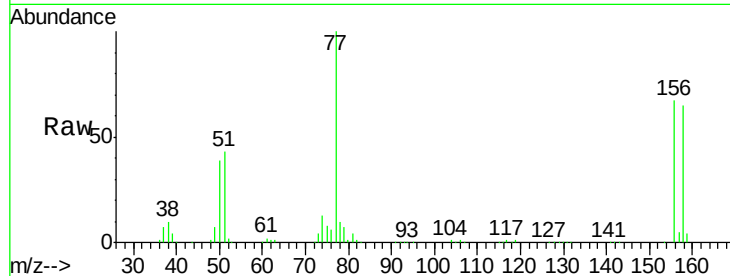




#77
Bromobenzene
Concen: 50.77 ug/l
RT: 12.04 min Scan# 1200
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

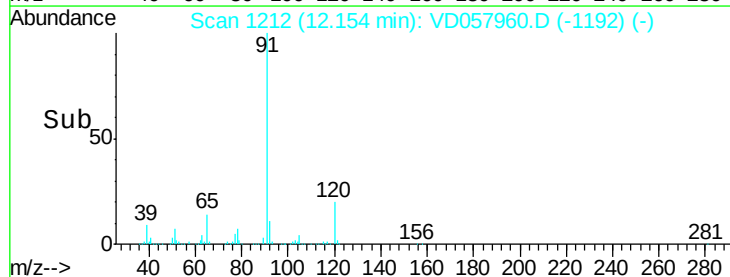
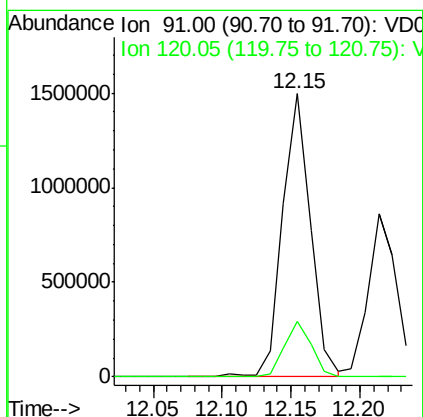
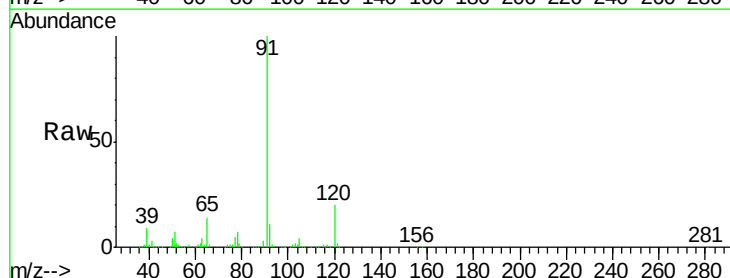
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

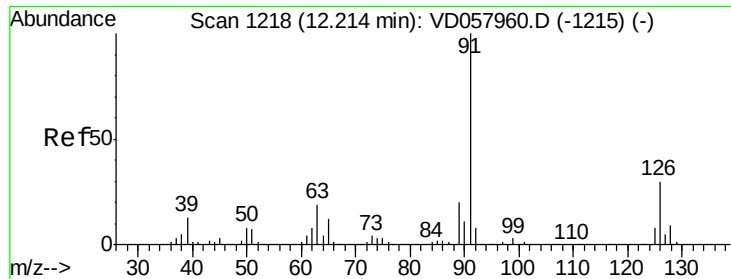
Tot Ion:156 Resp: 497364
Ion Ratio Lower Upper
156 100
77 149.9 75.0 224.8
158 97.3 48.6 145.9



#78
n-propylbenzene
Concen: 48.47 ug/l
RT: 12.15 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 91 Resp: 2087435
Ion Ratio Lower Upper
91 100
120 19.6 9.8 29.4

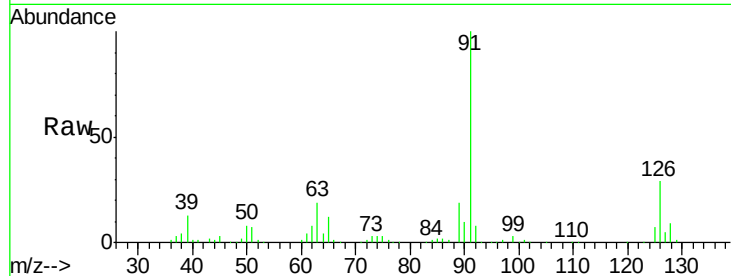




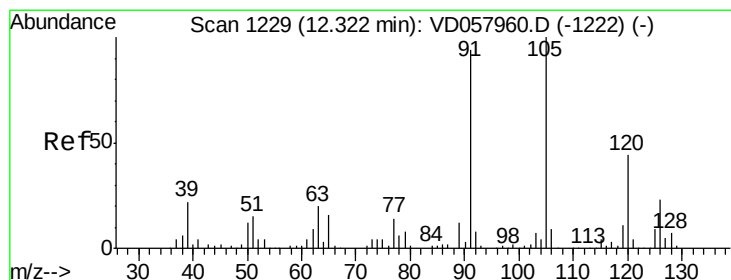
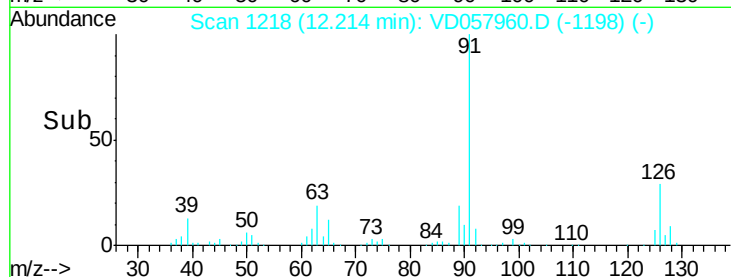
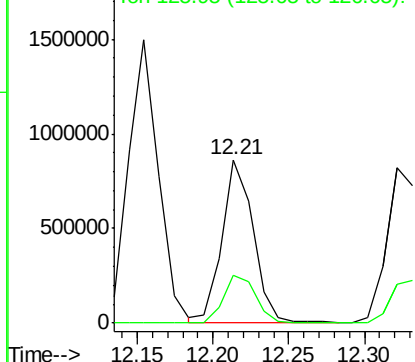
#79
 2-Chlorotoluene
 Concen: 49.96 ug/l
 RT: 12.21 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 1227475
 Ion Ratio Lower Upper
 91 100
 126 29.3 14.6 44.0

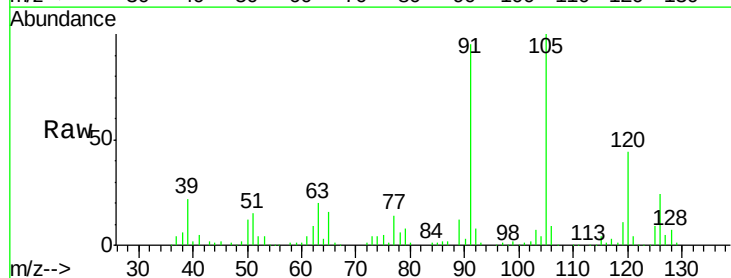


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

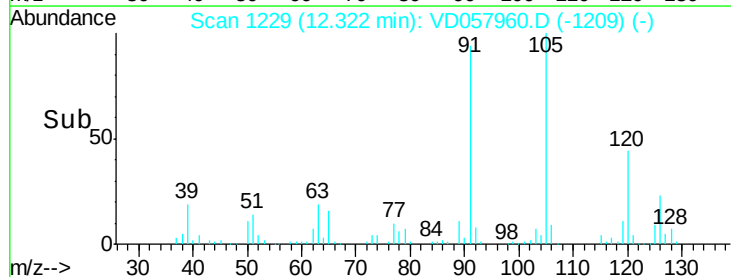
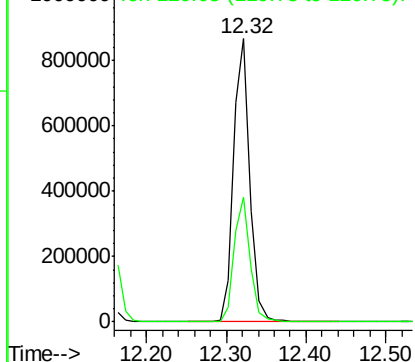


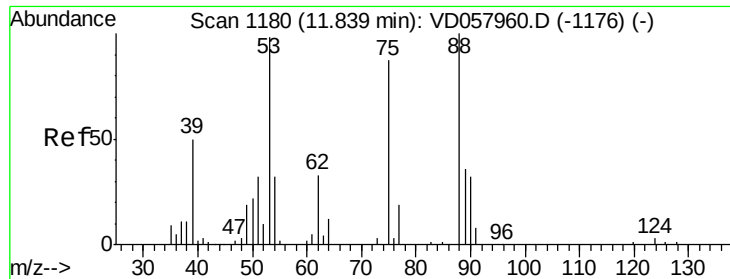
#80
 1,3,5-Trimethylbenzene
 Concen: 39.05 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 105 Resp: 1238605
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.0 66.0



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

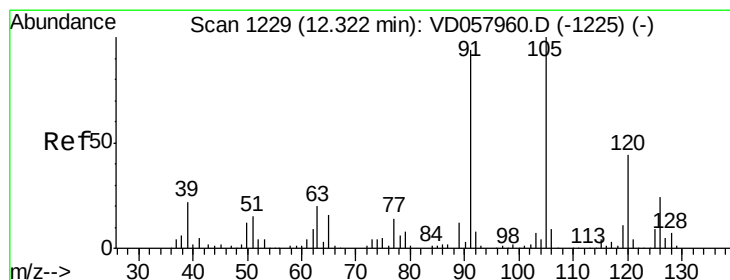
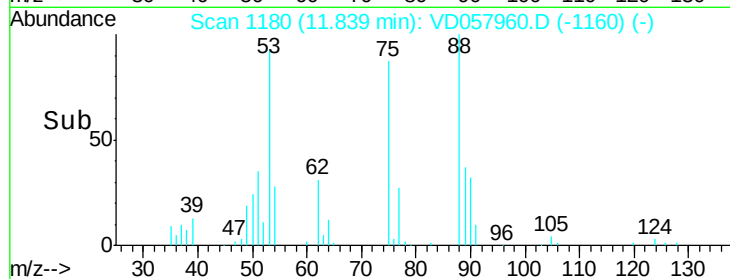
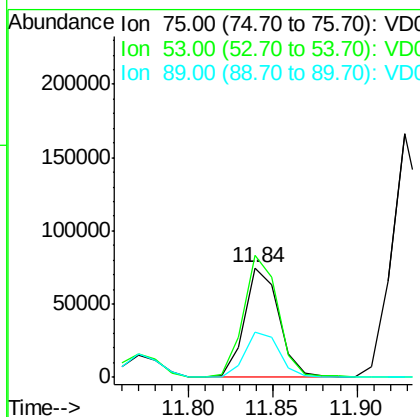
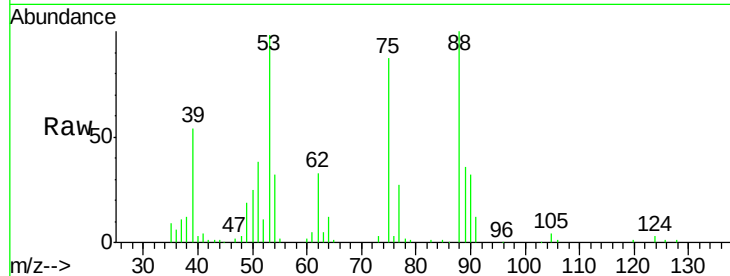




#81
trans-1,4-Dichloro-2-butene
Concen: 57.41 ug/l
RT: 11.84 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

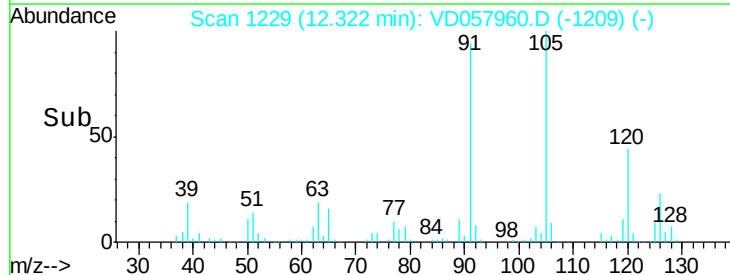
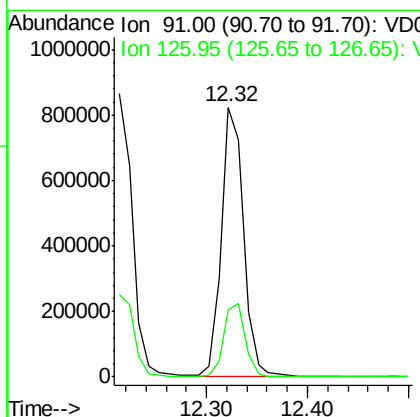
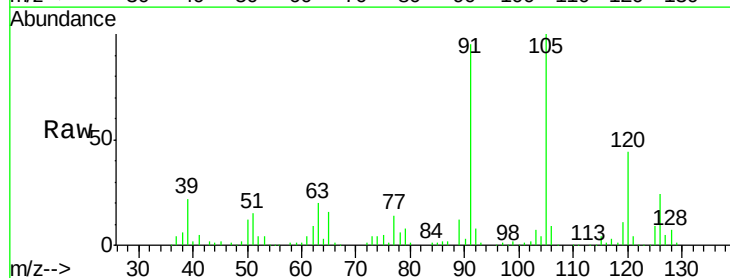
Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

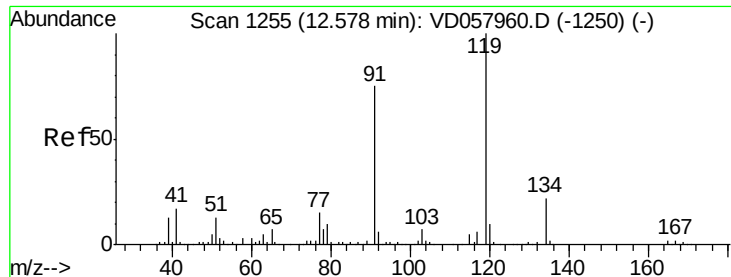
Tot Ion: 75 Resp: 106735
Ion Ratio Lower Upper
75 100
53 111.6 89.3 133.9
89 41.6 33.3 49.9



#82
4-Chlorotoluene
Concen: 46.92 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 91 Resp: 1259316
Ion Ratio Lower Upper
91 100
126 25.0 12.5 37.5

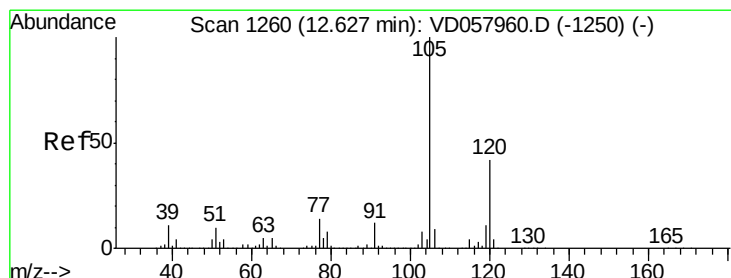
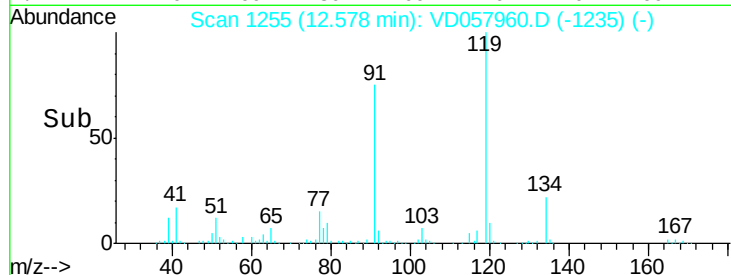
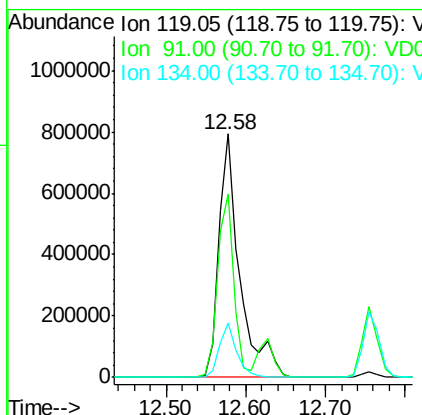
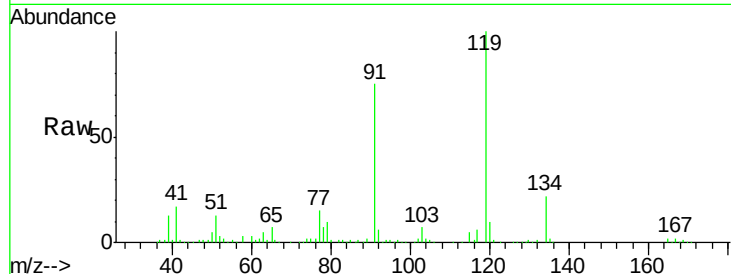




#83
 tert-Butylbenzene
 Concen: 50.35 ug/l
 RT: 12.58 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

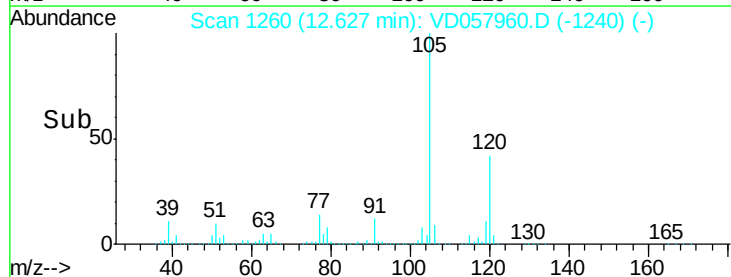
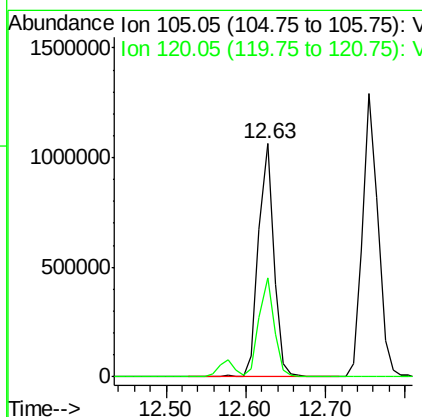
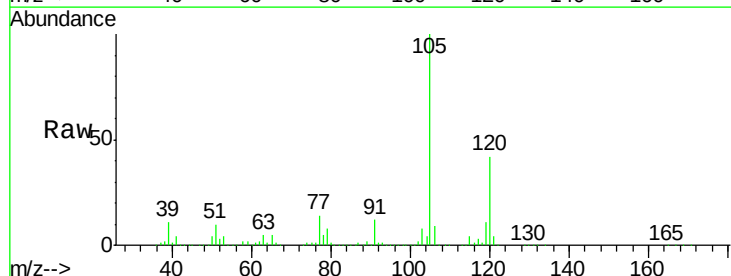
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

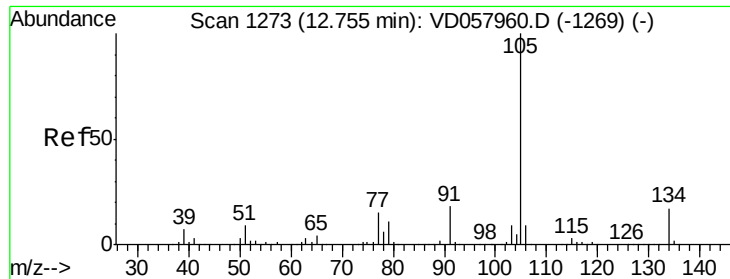
Tot Ion:119 Resp: 1467352
 Ion Ratio Lower Upper
 119 100
 91 75.3 37.6 112.9
 134 22.3 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.44 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion:105 Resp: 1399908
 Ion Ratio Lower Upper
 105 100
 120 42.4 21.2 63.6

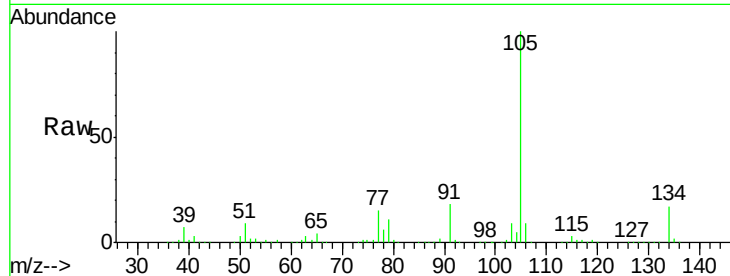




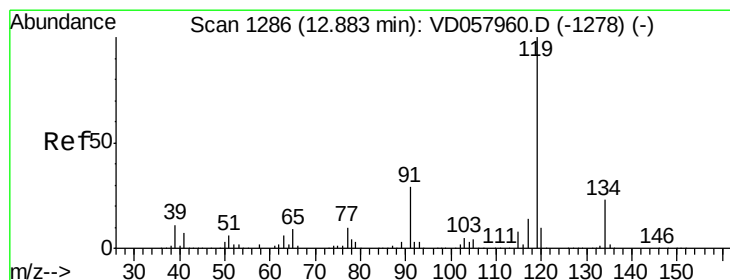
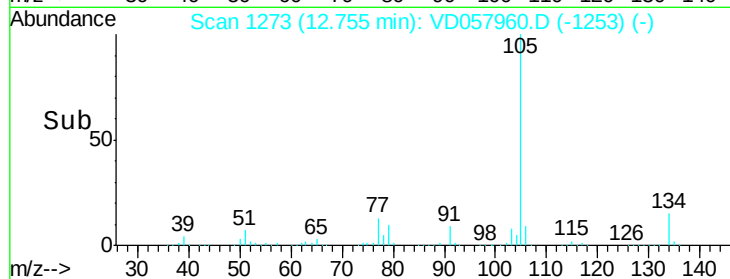
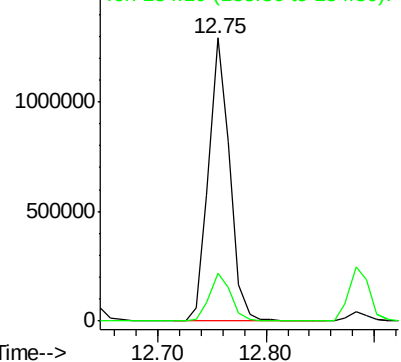
#85
 sec-Butylbenzene
 Concen: 49.60 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICCC050

Tot Ion:105 Resp: 1744601
 Ion Ratio Lower Upper
 105 100
 134 16.7 8.3 25.1

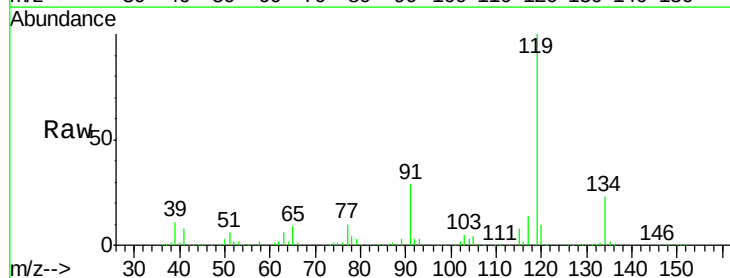


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

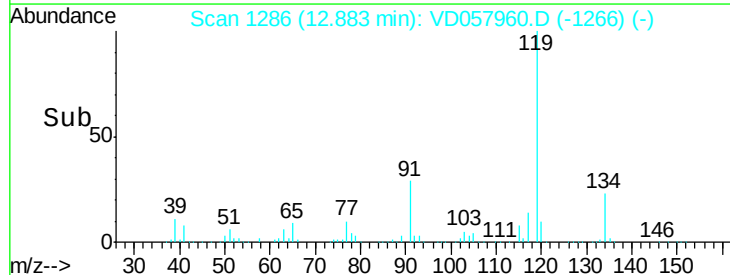
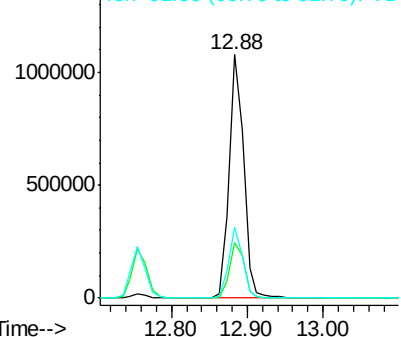


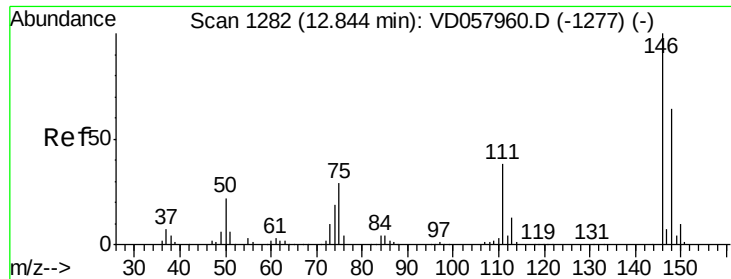
#86
 p-Isopropyltoluene
 Concen: 49.93 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion:119 Resp: 1415547
 Ion Ratio Lower Upper
 119 100
 134 22.9 11.5 34.4
 91 29.1 14.5 43.6



Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 134.10 (133.80 to 134.80): V
 Ion 91.00 (90.70 to 91.70): V

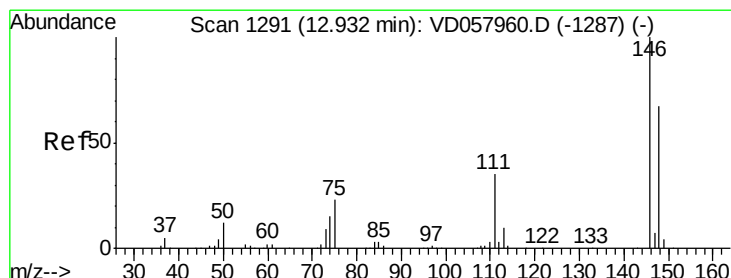
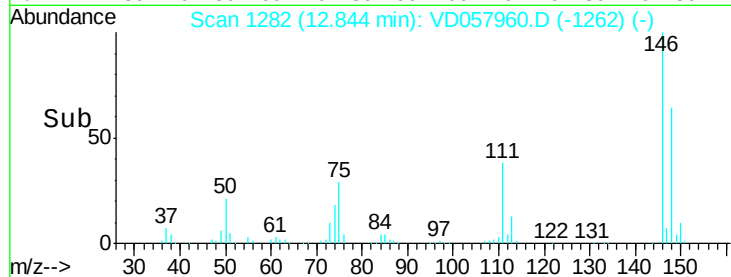
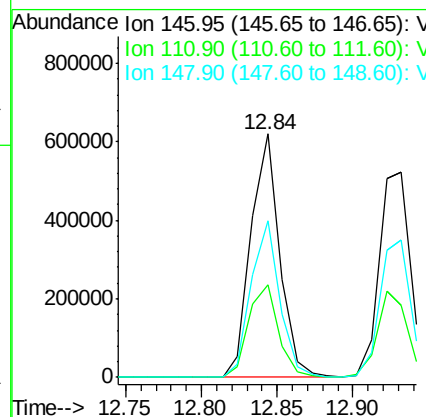
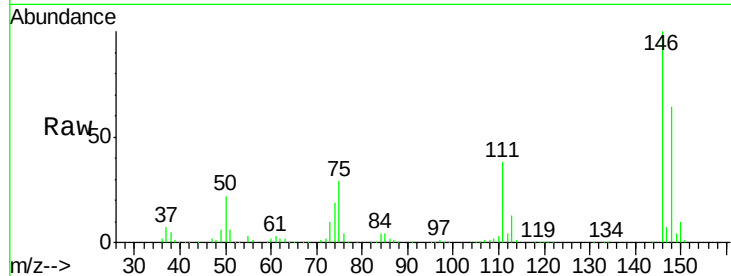




#87
 1,3-Dichlorobenzene
 Concen: 49.64 ug/l
 RT: 12.84 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

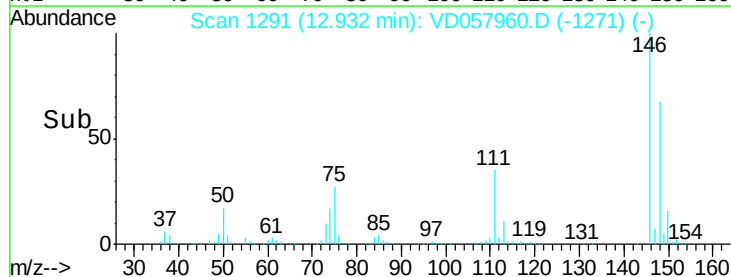
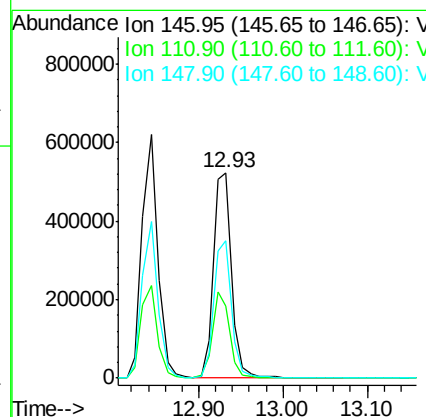
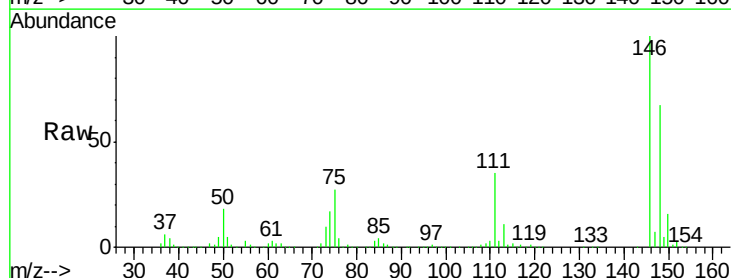
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

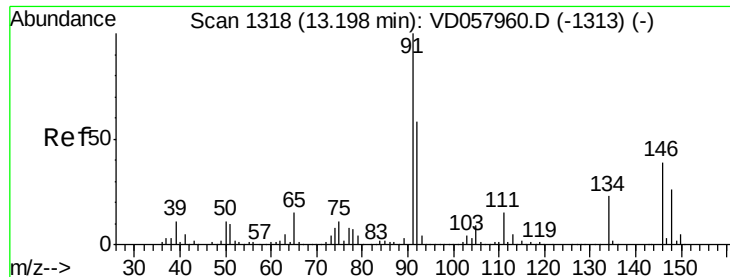
Tot Ion:146 Resp: 822663
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.1 57.3
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 48.31 ug/l
 RT: 12.93 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion:146 Resp: 780094
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.3 52.0
 148 66.8 33.4 100.2

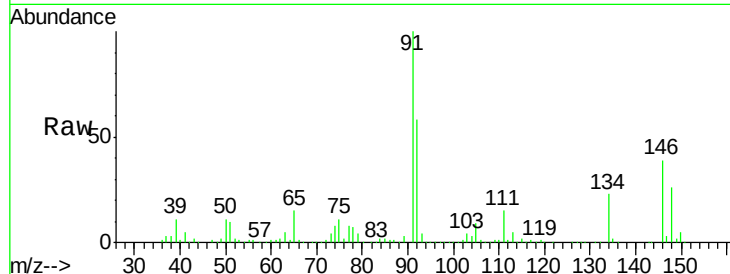




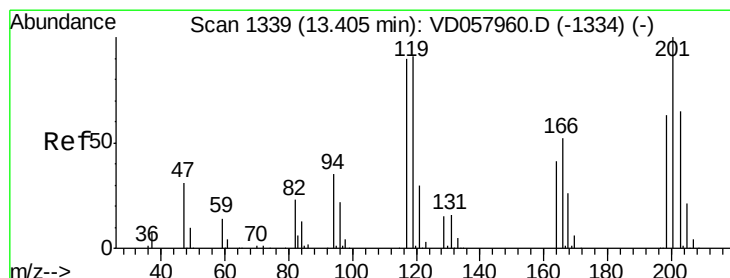
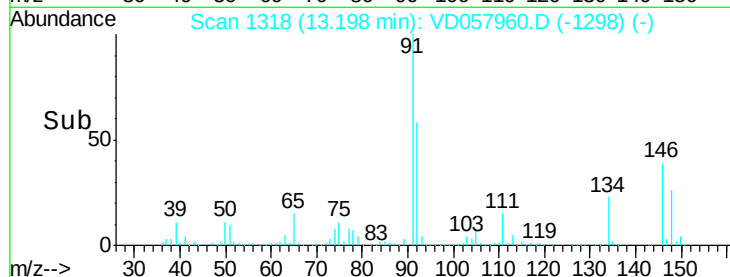
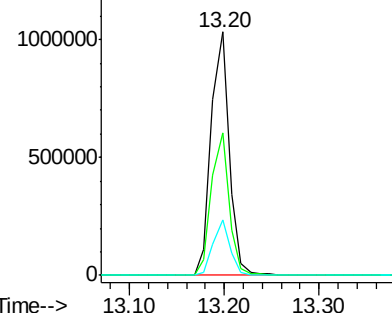
#89
n-Butylbenzene
Concen: 46.97 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 1370332
Ion Ratio Lower Upper
91 100
92 58.4 29.2 87.6
134 22.6 11.3 33.9

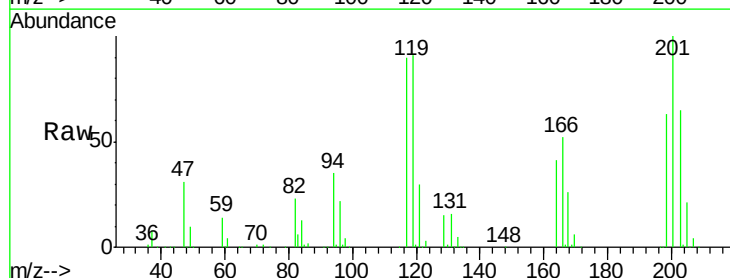


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

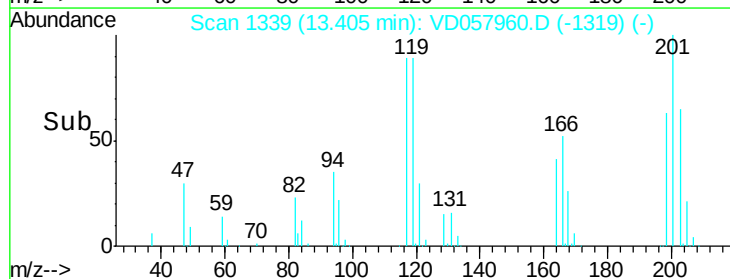
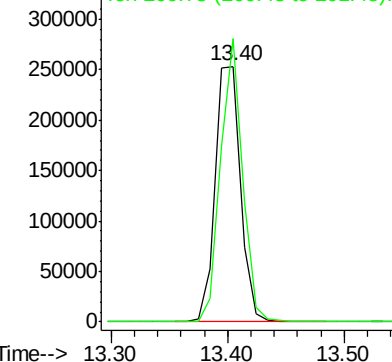


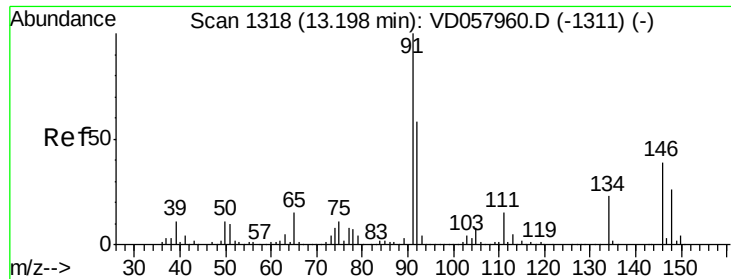
#90
Hexachloroethane
Concen: 52.75 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion: 117 Resp: 381678
Ion Ratio Lower Upper
117 100
201 110.7 55.4 166.0



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

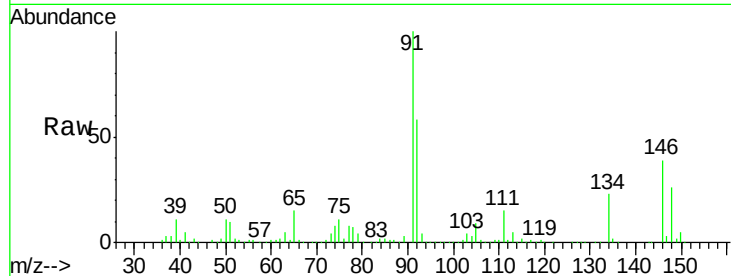




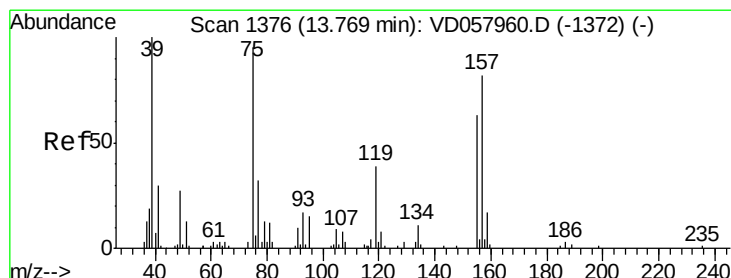
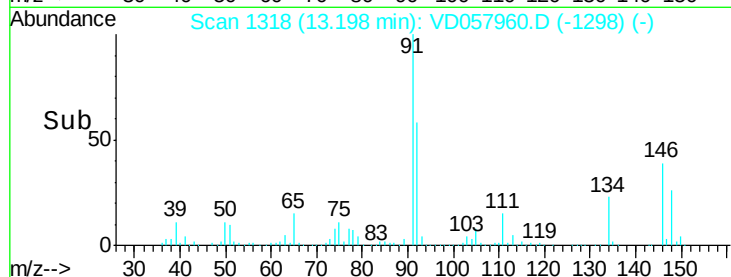
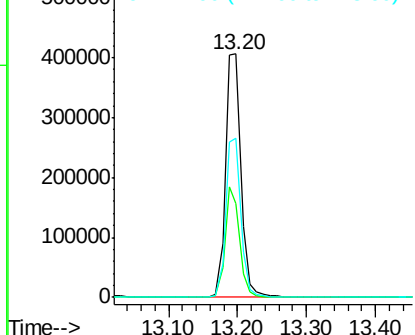
#91
 1,2-Dichlorobenzene
 Concen: 46.73 ug/l
 RT: 13.20 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:146 Resp: 625856
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 65.3 32.6 98.0

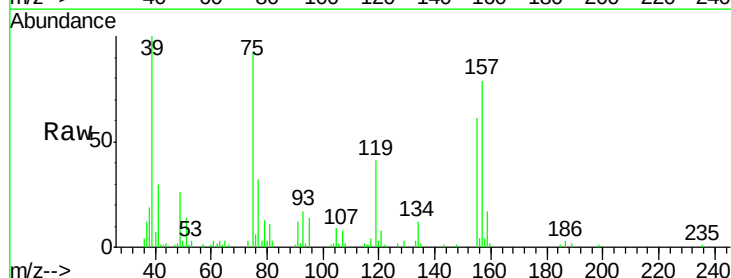


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

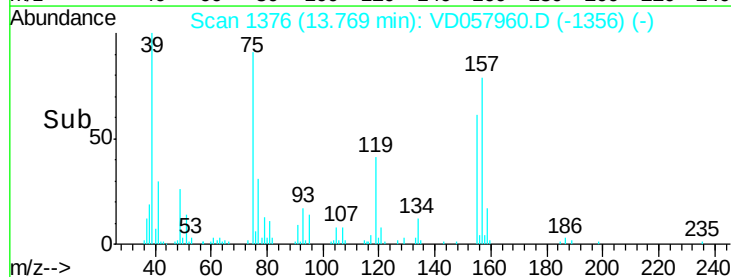
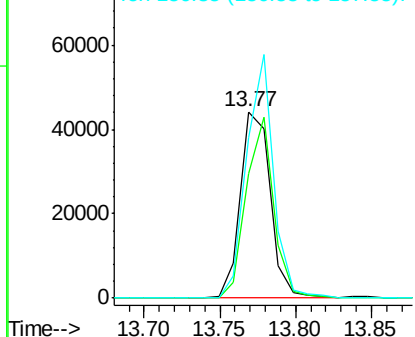


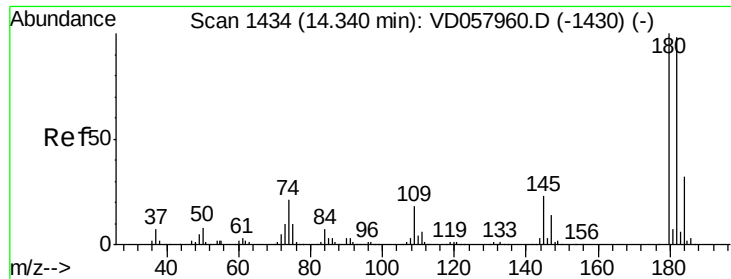
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.64 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion: 75 Resp: 60854
 Ion Ratio Lower Upper
 75 100
 155 66.7 33.4 100.1
 157 85.7 42.9 128.5



Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V

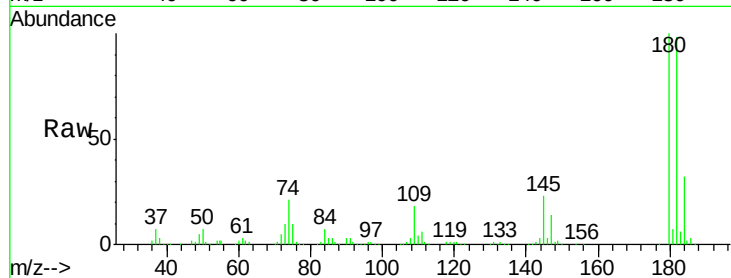




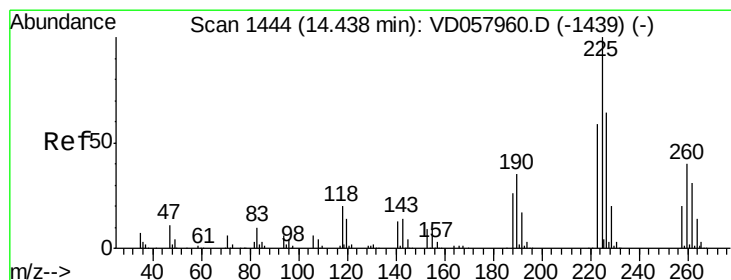
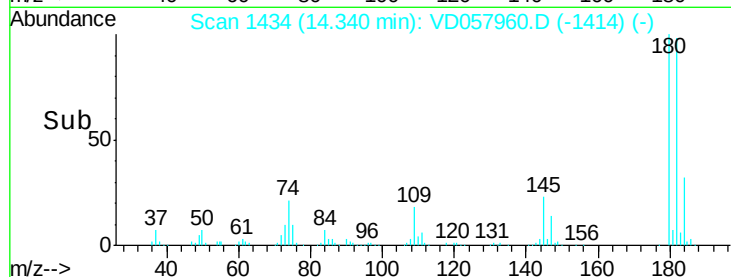
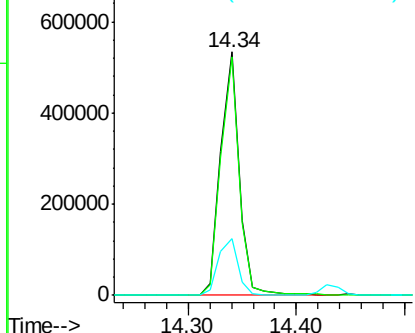
#93
 1,2,4-Trichlorobenzene
 Concen: 51.34 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Tot Ion:180 Resp: 642421
 Ion Ratio Lower Upper
 180 100
 182 98.1 49.0 147.2
 145 23.5 11.8 35.3

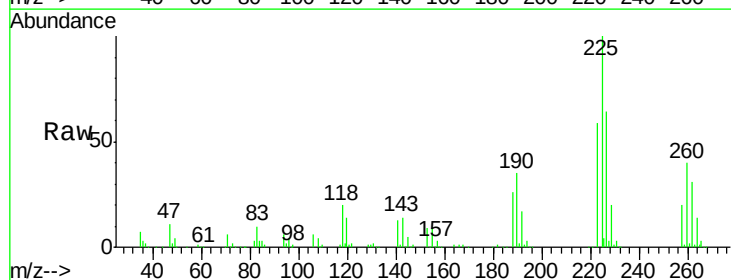


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

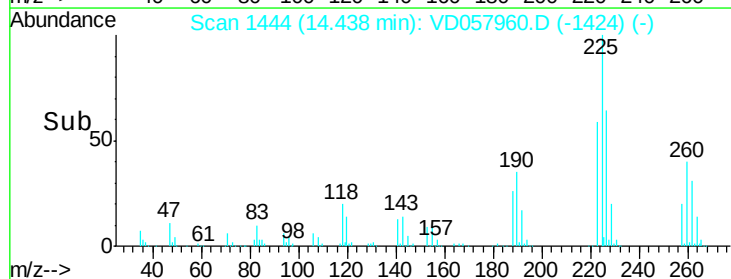
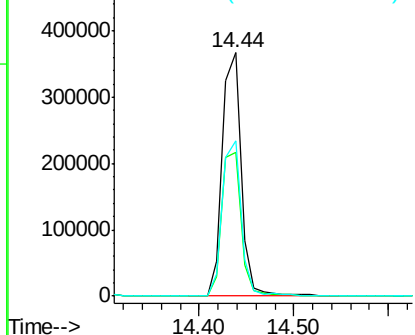


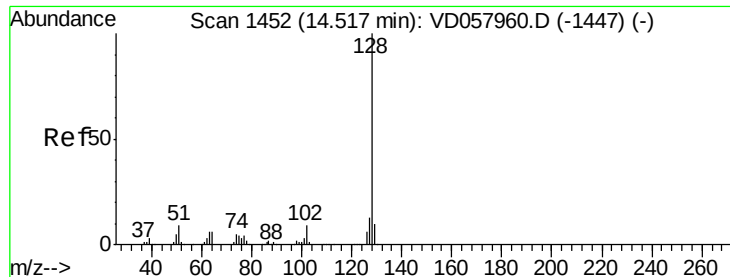
#94
 Hexachlorobutadiene
 Concen: 52.00 ug/l
 RT: 14.44 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VD057960.D
 Acq: 6 Jun 2018 19:18

Tgt Ion:225 Resp: 511785
 Ion Ratio Lower Upper
 225 100
 223 59.1 29.5 88.6
 227 64.0 32.0 96.0



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V

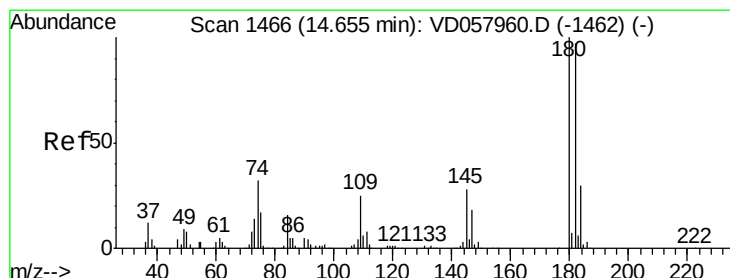
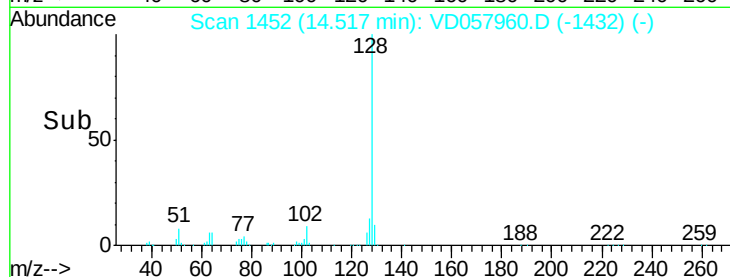
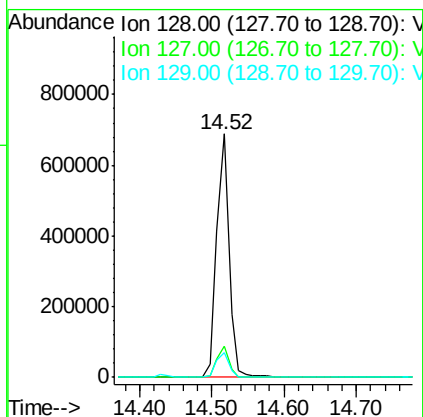
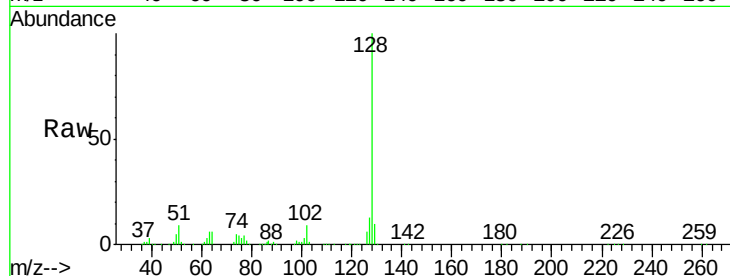




#95
Naphthalene
Concen: 50.49 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Instrument :
MSVOA_D
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 814503
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.2 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 51.27 ug/l
RT: 14.65 min Scan# 1466
Delta R.T. 0.00 min
Lab File: VD057960.D
Acq: 6 Jun 2018 19:18

Tgt Ion:180 Resp: 546655
Ion Ratio Lower Upper
180 100
182 97.0 48.5 145.5
145 28.5 14.2 42.8

