

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD060718\
 Data File : VD057969.D
 Acq On : 7 Jun 2018 14:01
 Operator : JC/SY
 Sample : VD0607SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Quant Time: Jun 08 06:46:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1002294	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	1316174	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.68	117	1052672	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	536713	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	455142	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
35) Dibromofluoromethane	5.55	113	501512	49.25	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	8.71	98	1116209	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.92	95	486788	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.35	85	289075	21.489	ug/l	98
3) Chloromethane	1.49	50	146402	22.098	ug/l	95
4) Vinyl Chloride	1.56	62	133962	20.889	ug/l	94
5) Bromomethane	1.79	94	49023	19.504	ug/l	94
6) Chloroethane	1.88	64	46486	18.373	ug/l	98
7) Trichlorofluoromethane	2.09	101	172522	19.680	ug/l	99
8) Diethyl Ether	2.35	74	35944	22.072	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.55	101	110386	21.111	ug/l	94
10) Methyl Iodide	2.69	142	136410	20.218	ug/l	94
11) Tert butyl alcohol	3.27	59	24632	91.762	ug/l #	91
12) 1,1-Dichloroethene	2.55	96	82587	20.545	ug/l	91
13) Acrolein	2.47	56	41682	108.424	ug/l	89
14) Allyl chloride	2.93	41	190561	20.550	ug/l	100
15) Acrylonitrile	3.36	53	156822	99.862	ug/l	97
16) Acetone	2.61	43	137179	95.021	ug/l	93
17) Carbon Disulfide	2.76	76	306870	21.073	ug/l	99
18) Methyl Acetate	2.94	43	50717	18.160	ug/l	99
19) Methyl tert-butyl Ether	3.41	73	356409	20.150	ug/l	98
20) Methylene Chloride	3.07	84	94113	22.424	ug/l	92
21) trans-1,2-Dichloroethene	3.39	96	186593	20.840	ug/l	94
22) Diisopropyl ether	4.07	45	744459	20.265	ug/l	94
23) Vinyl Acetate	4.02	43	1943044	102.366	ug/l	99
24) 1,1-Dichloroethane	3.97	63	413047	20.458	ug/l	100
25) 2-Butanone	4.84	43	328766	100.205	ug/l	96
26) 2,2-Dichloropropane	4.80	77	345701	20.785	ug/l	95
27) cis-1,2-Dichloroethene	4.80	96	212294	19.992	ug/l	97
28) Bromochloromethane	5.14	49	188638	21.587	ug/l	90
29) Tetrahydrofuran	5.18	42	179027	104.092	ug/l	99
30) Chloroform	5.32	83	415974	20.471	ug/l	97
31) Cyclohexane	5.58	56	337723	19.383	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	343854	20.210	ug/l	97
36) 1,1-Dichloropropene	5.74	75	304547	21.002	ug/l	96
37) Ethyl Acetate	4.92	43	165080	20.864	ug/l	98
38) Carbon Tetrachloride	5.72	117	298422	20.882	ug/l	97

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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)
39) Methylcyclohexane	7.28	83	291336	20.267	ug/l	96
40) Benzene	6.01	78	665328	19.641	ug/l	98
41) Methacrylonitrile	5.12	41	85033	23.504	ug/l	97
42) 1,2-Dichloroethane	6.12	62	286879	20.946	ug/l	100
43) Isopropyl Acetate	7.61	43	215394	20.783	ug/l #	96
44) Trichloroethene	6.97	130	210967	21.321	ug/l	99
45) 1,2-Dichloropropane	7.35	63	192236	20.418	ug/l	96
46) Dibromomethane	7.46	93	124974	20.663	ug/l	97
47) Bromodichloromethane	7.74	83	287758	20.320	ug/l #	96
48) Methyl methacrylate	7.50	41	134974	21.160	ug/l	91
49) 1,4-Dioxane	7.48	88	19682	372.454	ug/l #	82
51) 4-Methyl-2-Pentanone	8.59	43	719627	108.255	ug/l	95
52) Toluene	8.79	92	394550	20.295	ug/l	95
53) t-1,3-Dichloropropene	9.18	75	256605	21.032	ug/l	96
54) cis-1,3-Dichloropropene	8.35	75	296707	20.642	ug/l	96
55) 1,1,2-Trichloroethane	9.44	97	129257	20.543	ug/l	97
56) Ethyl methacrylate	9.31	69	162158	21.010	ug/l	93
57) 1,3-Dichloropropane	9.66	76	227153	20.584	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.18	63	417333	107.026	ug/l	100
59) 2-Hexanone	9.78	43	524499	107.666	ug/l	100
60) Dibromochloromethane	9.95	129	183971	20.735	ug/l	99
61) 1,2-Dibromoethane	10.08	107	148553	20.530	ug/l	97
64) Tetrachloroethene	9.50	164	198604	21.104	ug/l	98
65) Chlorobenzene	10.71	112	463385	21.744	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.84	131	175793	21.471	ug/l	99
67) Ethyl Benzene	10.85	91	824339	21.411	ug/l	96
68) m/p-Xylenes	11.01	106	572465	45.611	ug/l	91
69) o-Xylene	11.40	106	270569	21.718	ug/l	100
70) Styrene	11.42	104	449694	21.804	ug/l	98
71) Bromoform	11.59	173	128608	20.880	ug/l	98
73) Isopropylbenzene	11.77	105	779059	21.915	ug/l	98
74) N-amyl acetate	11.64	43	276614	20.165	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.07	83	161076	20.782	ug/l	99
76) 1,2,3-Trichloropropane	12.10	75	169352	21.006	ug/l	99
77) Bromobenzene	12.03	156	224667	21.351	ug/l	91
78) n-propylbenzene	12.15	91	986821	21.333	ug/l	99
79) 2-Chlorotoluene	12.21	91	557220	21.115	ug/l	98
80) 1,3,5-Trimethylbenzene	12.32	105	598883	21.602	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	43073	21.570	ug/l	88
82) 4-Chlorotoluene	12.32	91	627237	22.703	ug/l	99
83) tert-Butylbenzene	12.57	119	671398	21.448	ug/l	99
84) 1,2,4-Trimethylbenzene	12.62	105	635822	21.330	ug/l	99
85) sec-Butylbenzene	12.75	105	764253	20.229	ug/l	99
86) p-Isopropyltoluene	12.88	119	653584	21.464	ug/l	98
87) 1,3-Dichlorobenzene	12.84	146	383991	21.573	ug/l	98
88) 1,4-Dichlorobenzene	12.92	146	362508	20.902	ug/l	95
89) n-Butylbenzene	13.19	91	672048	22.044	ug/l	99
90) Hexachloroethane	13.39	117	166020	21.362	ug/l	62
91) 1,2-Dichlorobenzene	13.18	146	306365	21.298	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	24562	20.533	ug/l	99

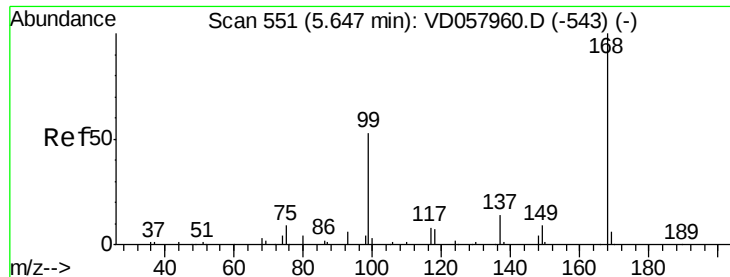
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	287000	21.356	ug/l	98
94) Hexachlorobutadiene	14.43	225	226023	21.382	ug/l	99
95) Naphthalene	14.51	128	369982	21.352	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	242586	21.181	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

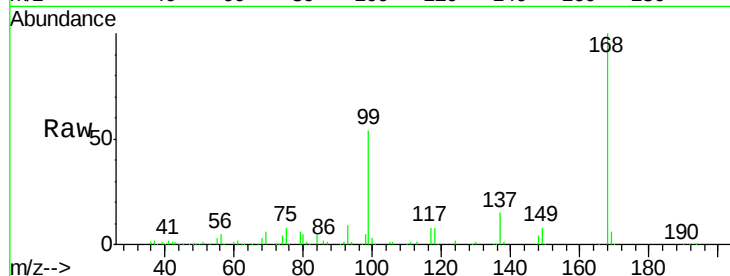
VD0607SBSD01

Tgt Ion:168 Resp: 1002294

Ion Ratio Lower Upper

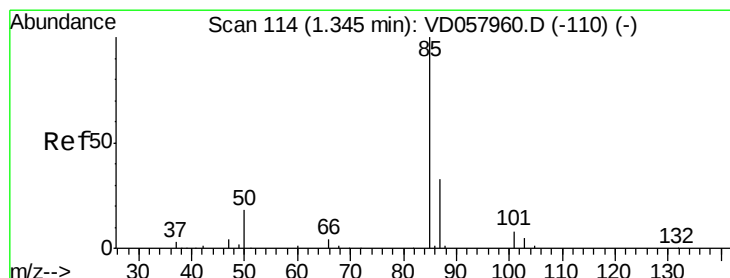
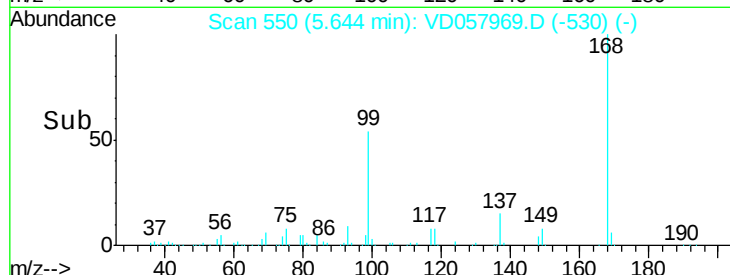
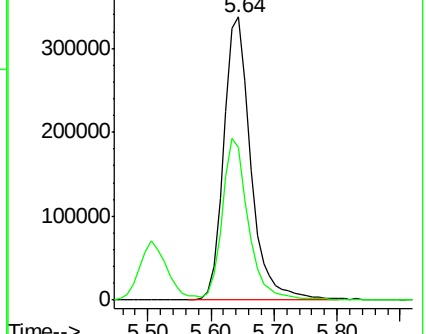
168 100

99 53.9 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: 21.489 ug/l

RT: 1.35 min Scan# 114

Delta R.T. 0.01 min

Lab File: VD057969.D

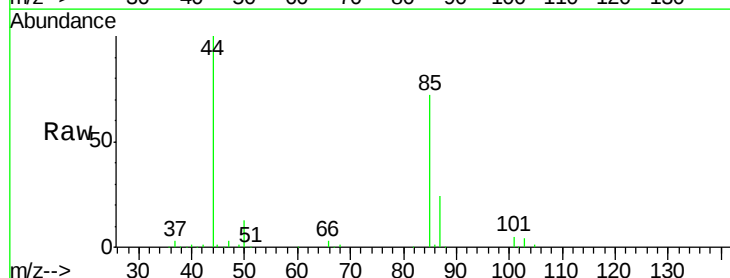
Acq: 7 Jun 2018 14:01

Tgt Ion: 85 Resp: 289075

Ion Ratio Lower Upper

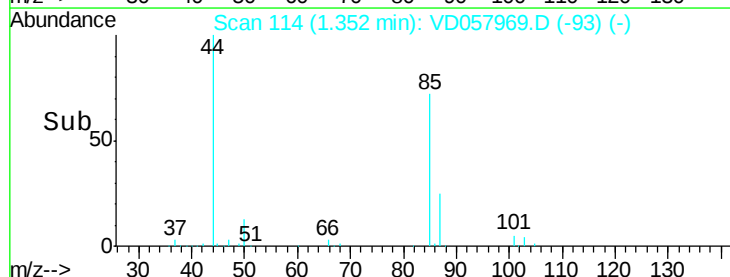
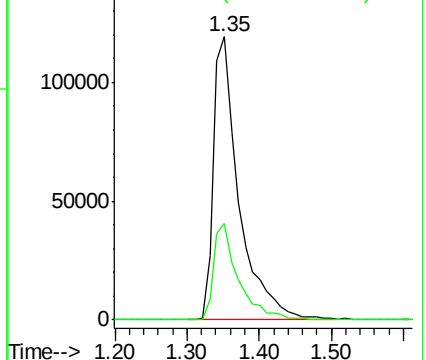
85 100

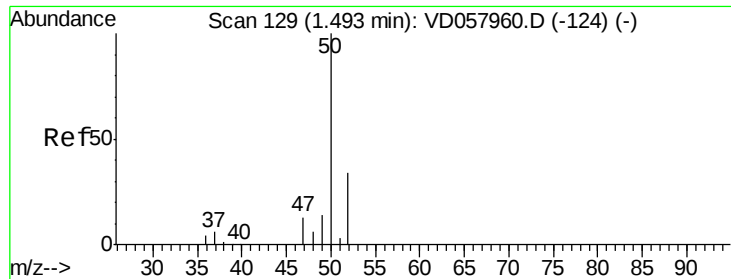
87 34.1 16.4 49.2



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 22.098 ug/l

RT: 1.49 min Scan# 128

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

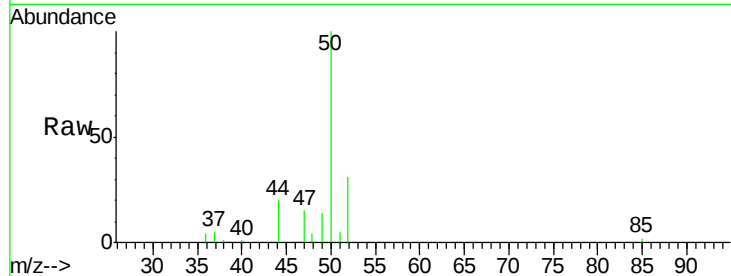
VD0607SBS01

Tgt Ion: 50 Resp: 146402

Ion Ratio Lower Upper

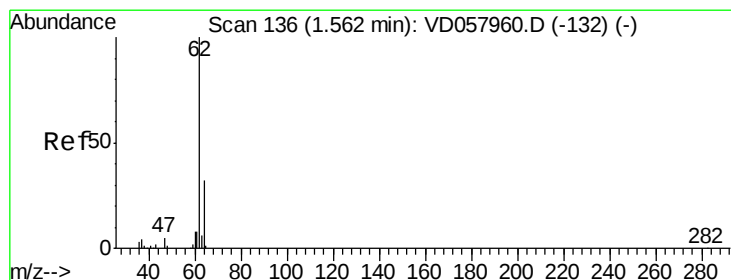
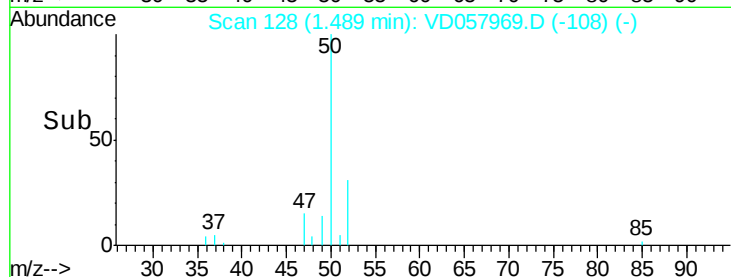
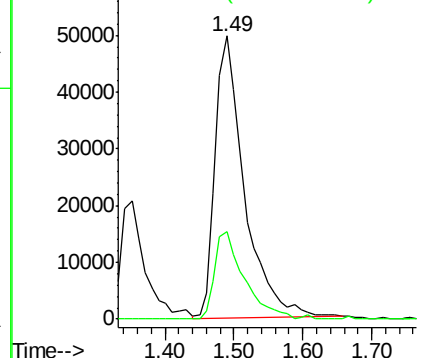
50 100

52 31.0 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.889 ug/l

RT: 1.56 min Scan# 135

Delta R.T. -0.00 min

Lab File: VD057969.D

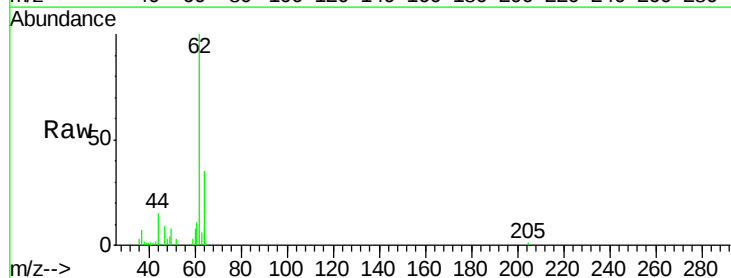
Acq: 7 Jun 2018 14:01

Tgt Ion: 62 Resp: 133962

Ion Ratio Lower Upper

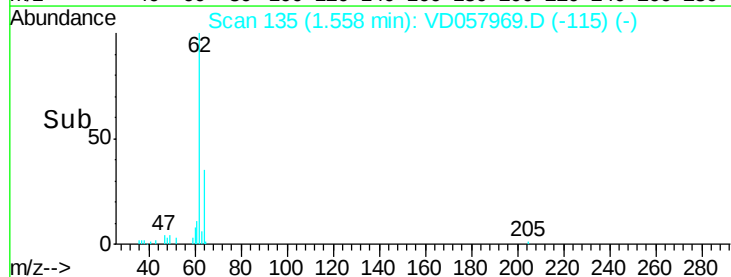
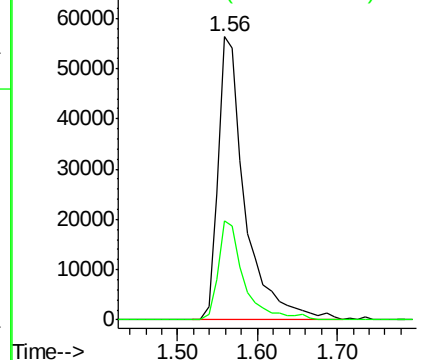
62 100

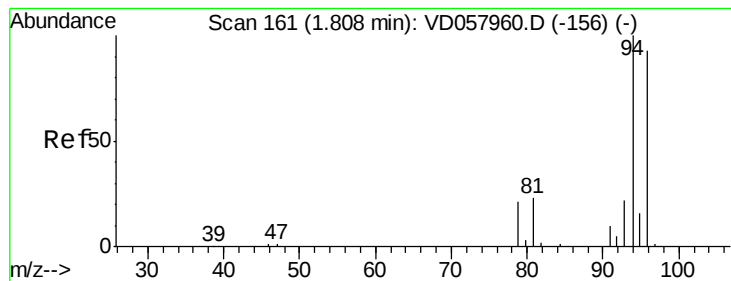
64 35.0 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 19.504 ug/l

RT: 1.79 min Scan# 159

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

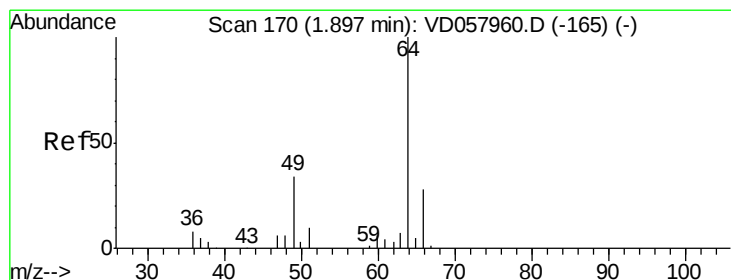
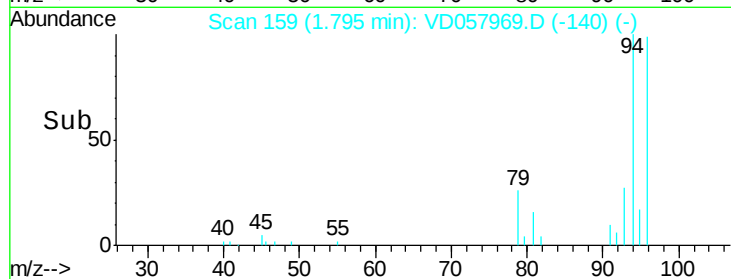
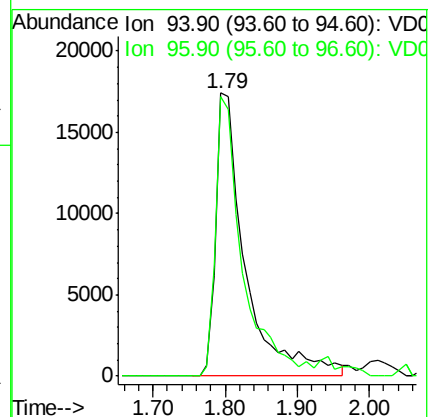
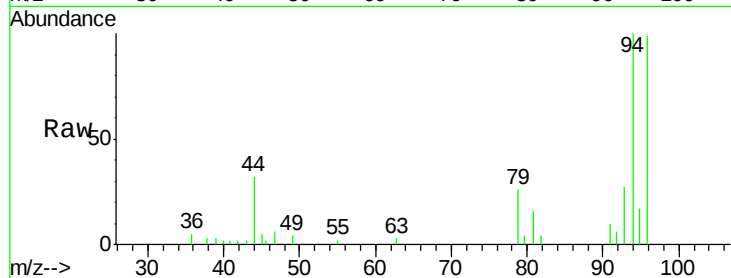
VD0607SBSD01

Tgt Ion: 94 Resp: 49023

Ion Ratio Lower Upper

94 100

96 98.8 74.3 111.5



#6

Chloroethane

Concen: 18.373 ug/l

RT: 1.88 min Scan# 168

Delta R.T. -0.01 min

Lab File: VD057969.D

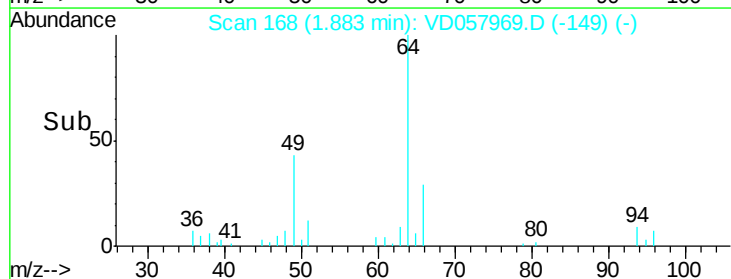
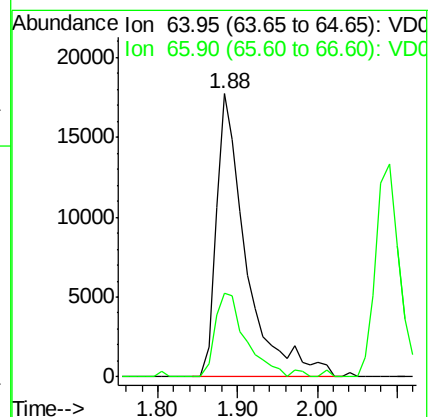
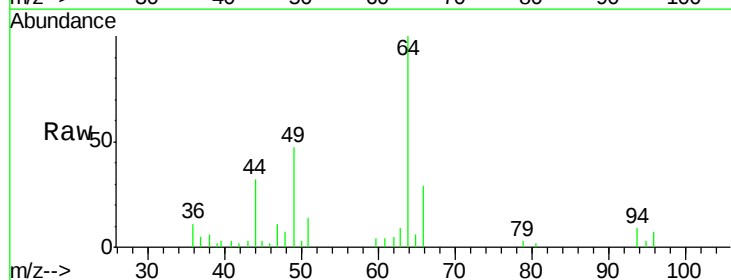
Acq: 7 Jun 2018 14:01

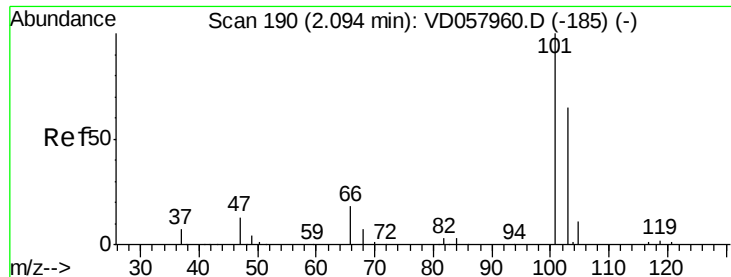
Tgt Ion: 64 Resp: 46486

Ion Ratio Lower Upper

64 100

66 29.4 22.8 34.2



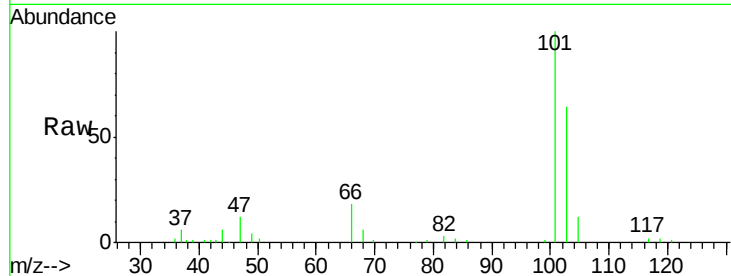


#7

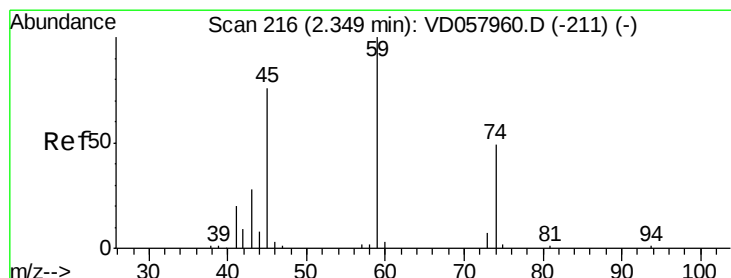
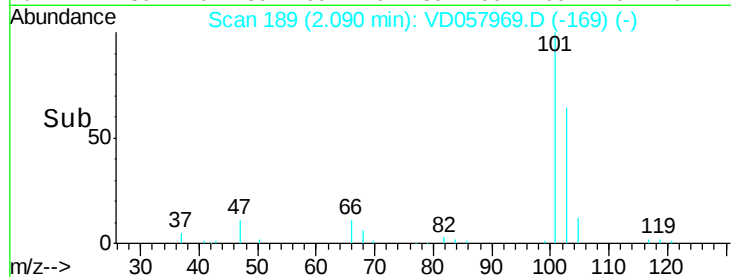
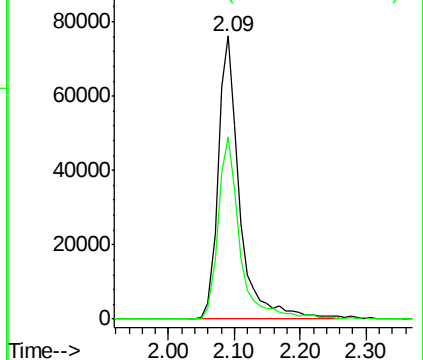
Trichlorofluoromethane
Concen: 19.680 ug/l
RT: 2.09 min Scan# 189
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

Tgt Ion: 101 Resp: 172522
Ion Ratio Lower Upper
101 100
103 64.4 52.4 78.6



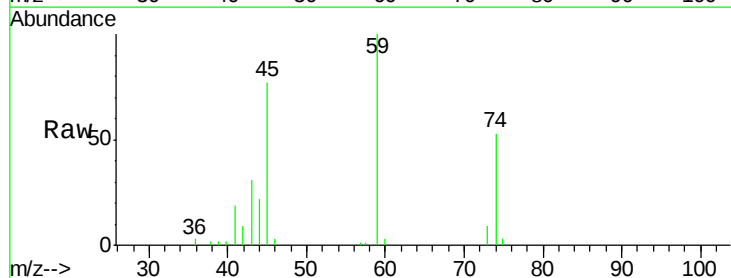
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



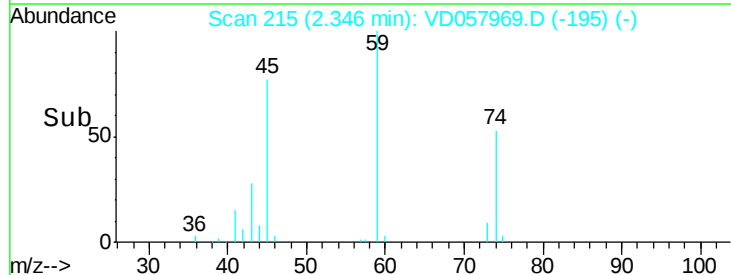
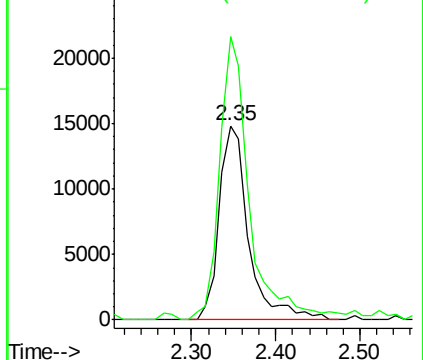
#8

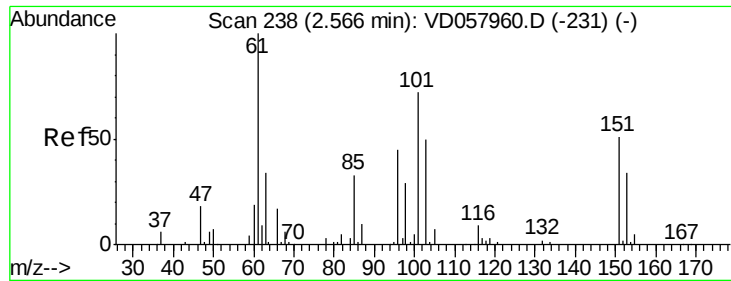
Diethyl Ether
Concen: 22.072 ug/l
RT: 2.35 min Scan# 215
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 74 Resp: 35944
Ion Ratio Lower Upper
74 100
45 145.7 77.1 231.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.111 ug/l

RT: 2.55 min Scan# 236

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

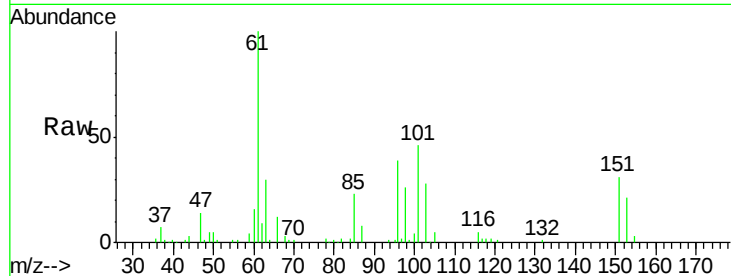
Tgt Ion:101 Resp: 110386

Ion Ratio Lower Upper

101 100

85 51.4 37.3 55.9

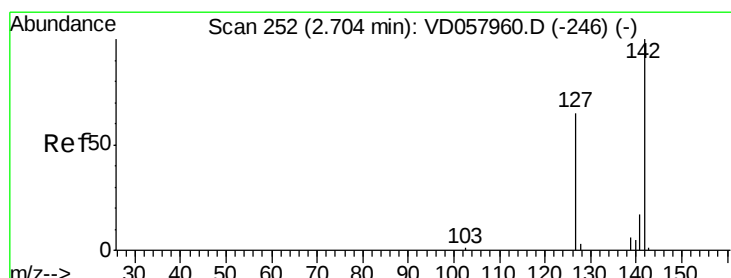
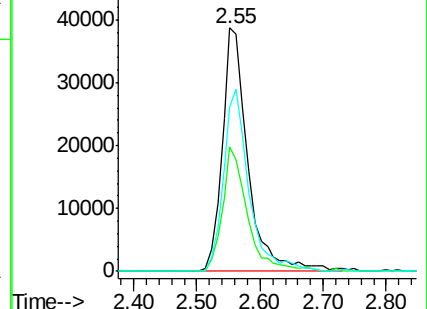
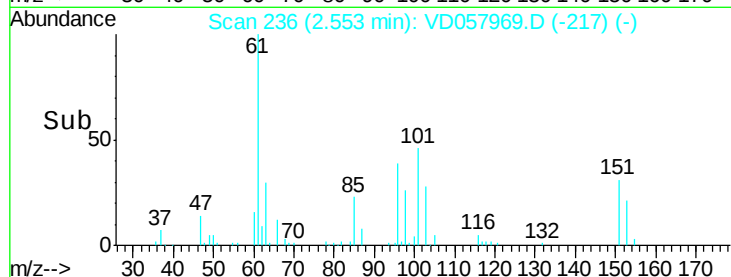
151 67.3 57.0 85.6



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



#10

Methyl Iodide

Concen: 20.218 ug/l

RT: 2.69 min Scan# 250

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

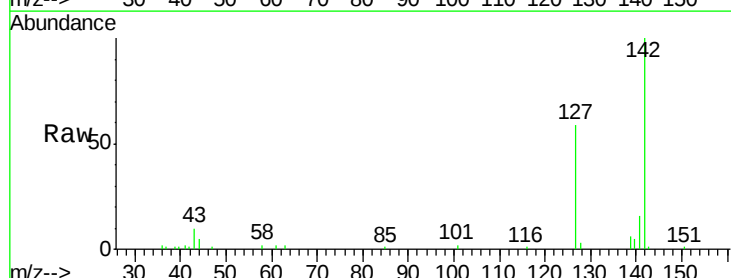
Tgt Ion:142 Resp: 136410

Ion Ratio Lower Upper

142 100

127 59.0 52.0 78.0

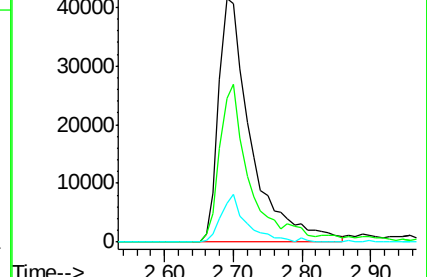
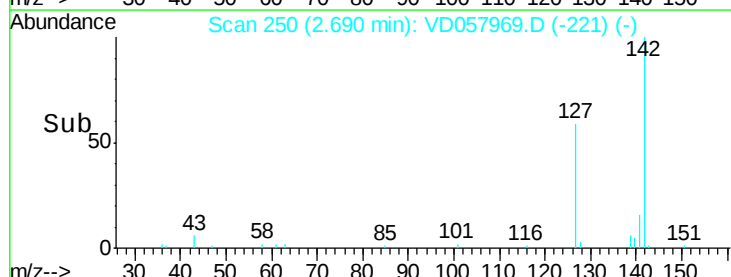
141 16.2 13.2 19.8

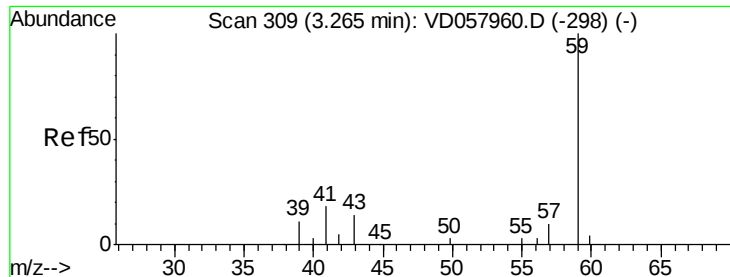


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

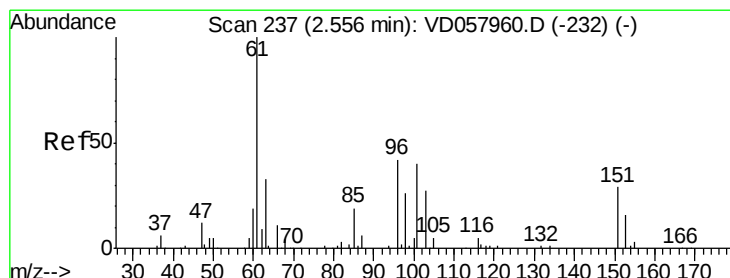
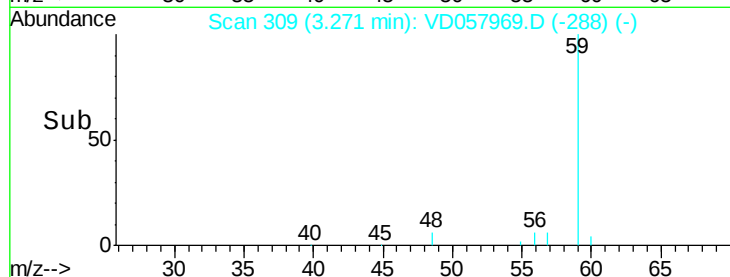
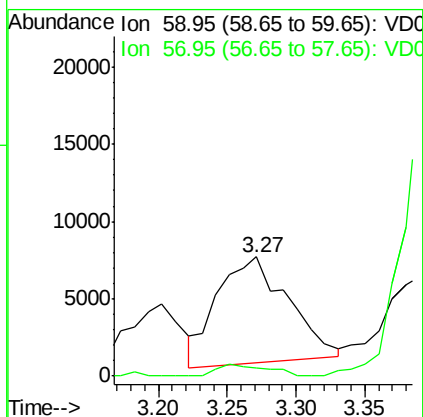
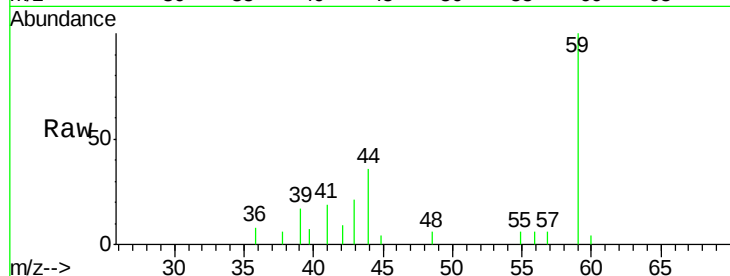




#11
Tert butyl alcohol
Concen: 91.762 ug/l
RT: 3.27 min Scan# 309
Delta R.T. 0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

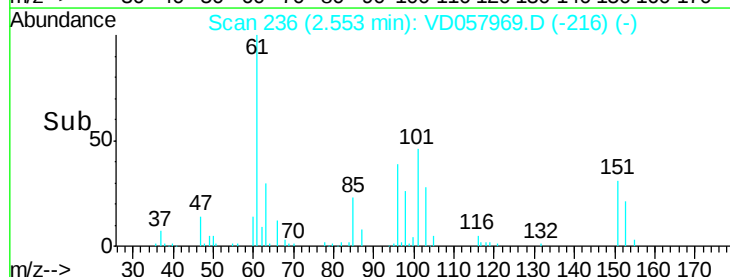
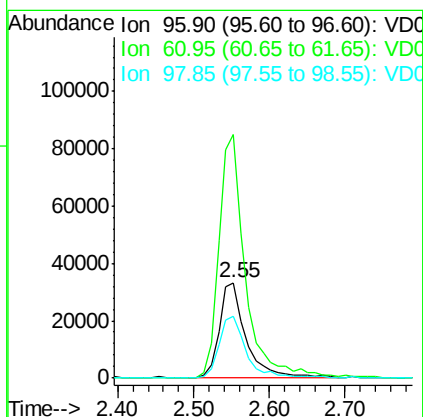
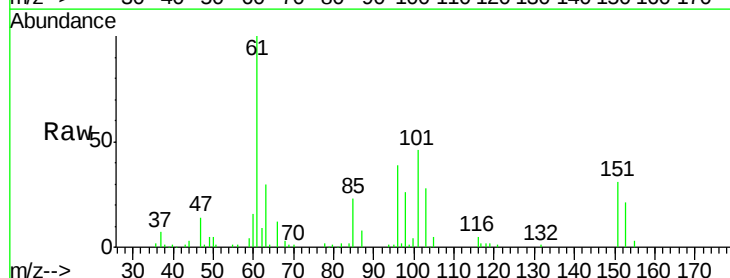
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

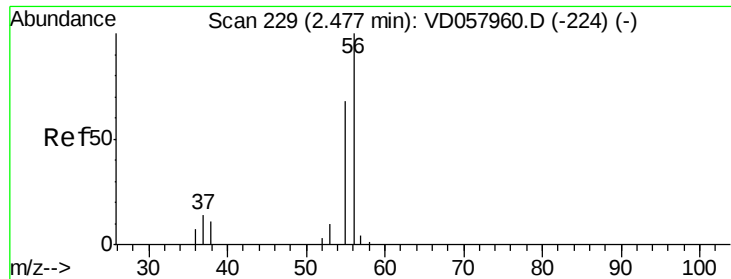
Tgt Ion: 59 Resp: 24632
Ion Ratio Lower Upper
59 100
57 6.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 20.545 ug/l
RT: 2.55 min Scan# 236
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 96 Resp: 82587
Ion Ratio Lower Upper
96 100
61 255.7 190.2 285.4
98 65.6 49.6 74.4

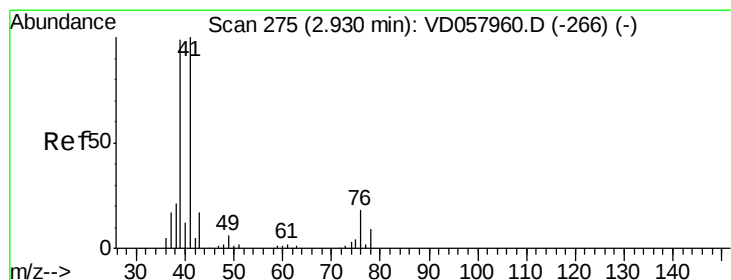
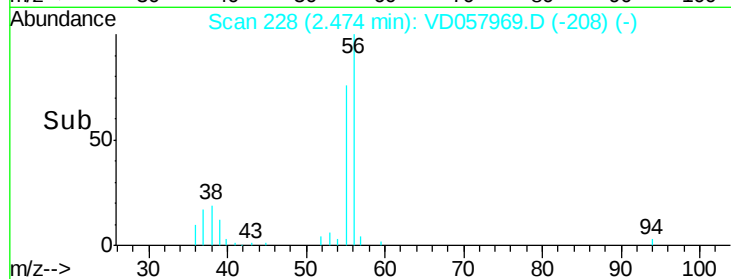
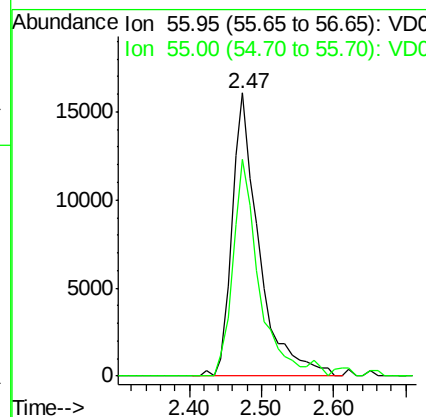
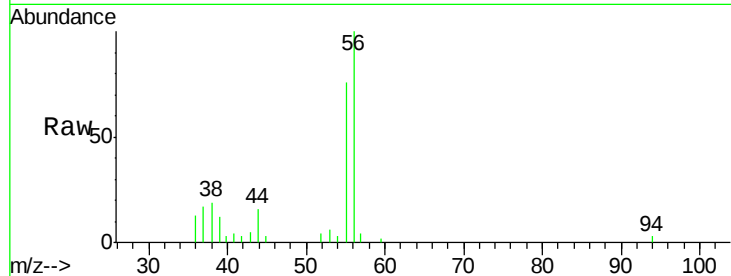




#13
Acrolein
Concen: 108.424 ug/l
RT: 2.47 min Scan# 228
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

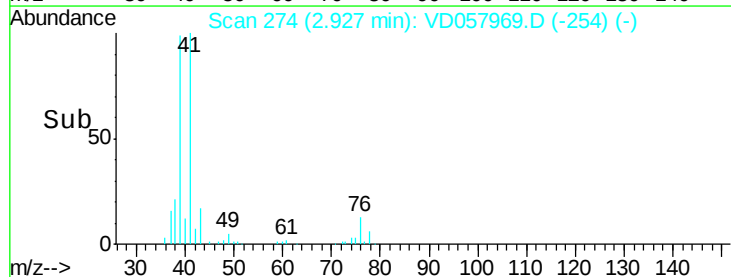
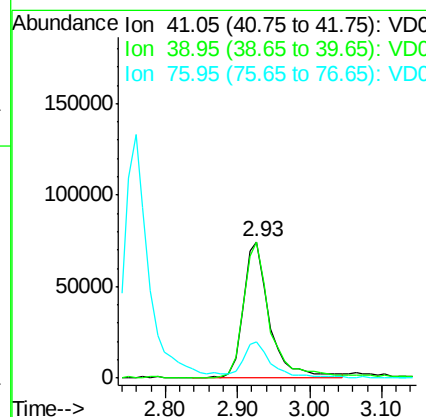
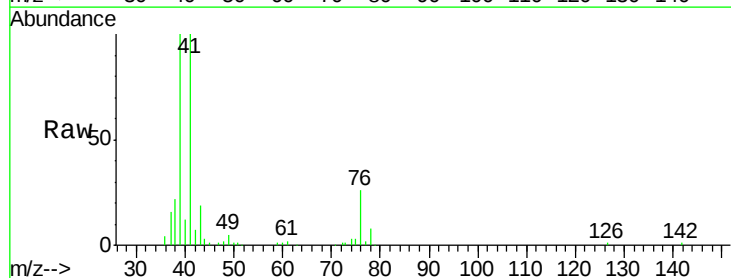
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

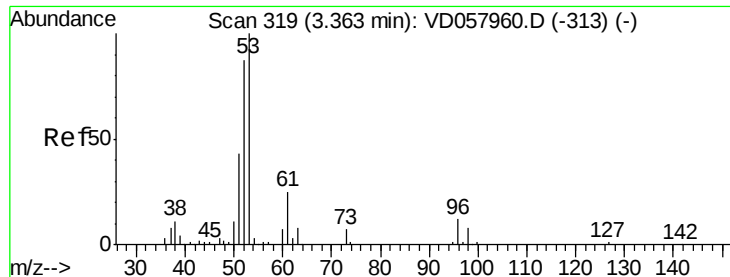
Tgt Ion: 56 Resp: 41682
Ion Ratio Lower Upper
56 100
55 76.4 54.0 81.0



#14
Allyl chloride
Concen: 20.550 ug/l
RT: 2.93 min Scan# 274
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 41 Resp: 190561
Ion Ratio Lower Upper
41 100
39 99.8 79.5 119.3
76 26.3 20.7 31.1





#15

Acrylonitrile

Concen: 99.862 ug/l

RT: 3.36 min Scan# 318

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

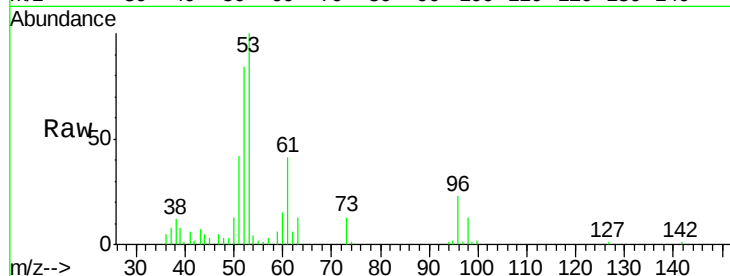
Tgt Ion: 53 Resp: 156822

Ion Ratio Lower Upper

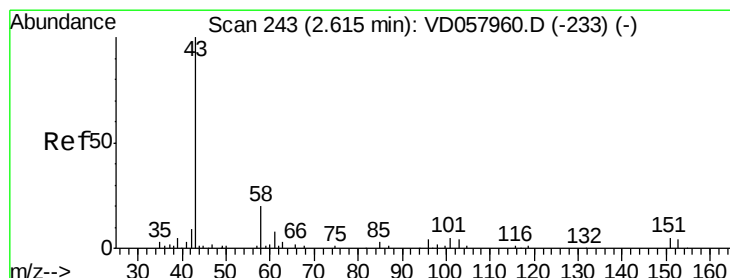
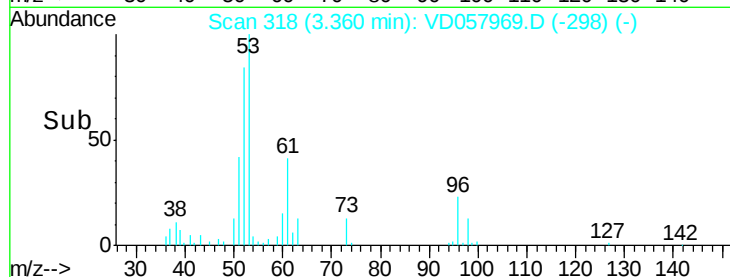
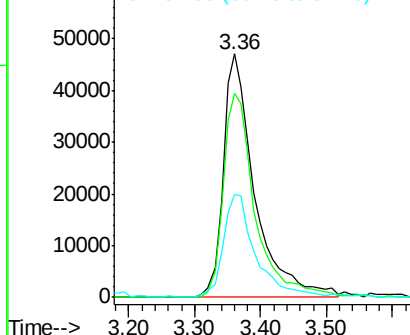
53 100

52 83.6 69.9 104.9

51 42.1 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: 95.021 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.00 min

Lab File: VD057969.D

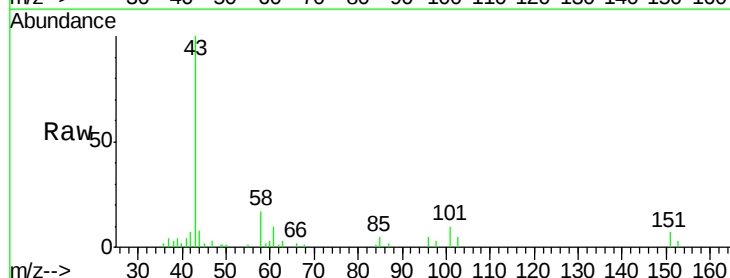
Acq: 7 Jun 2018 14:01

Tgt Ion: 43 Resp: 137179

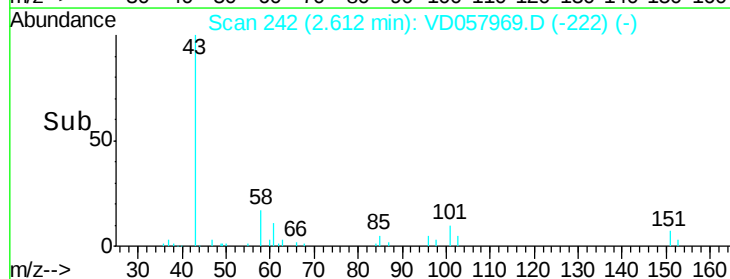
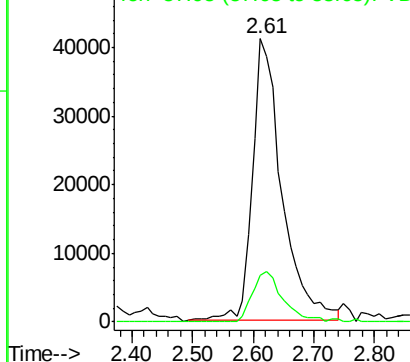
Ion Ratio Lower Upper

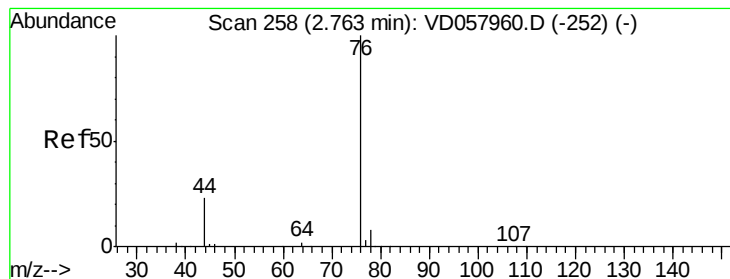
43 100

58 16.6 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: 21.073 ug/l

RT: 2.76 min Scan# 257

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

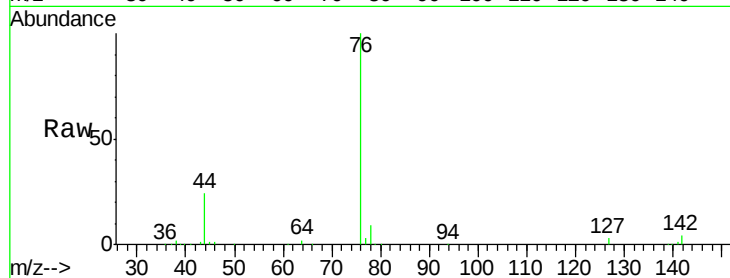
VD0607SBSD01

Tgt Ion: 76 Resp: 306870

Ion Ratio Lower Upper

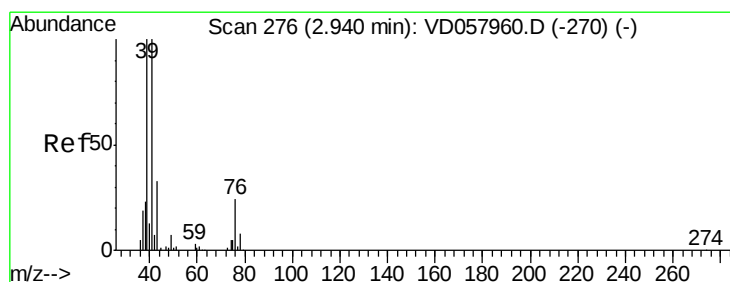
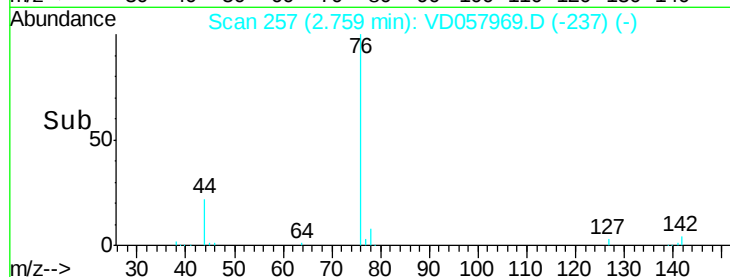
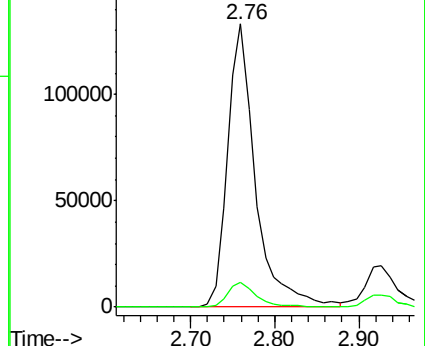
76 100

78 8.6 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: 18.160 ug/l

RT: 2.94 min Scan# 275

Delta R.T. -0.00 min

Lab File: VD057969.D

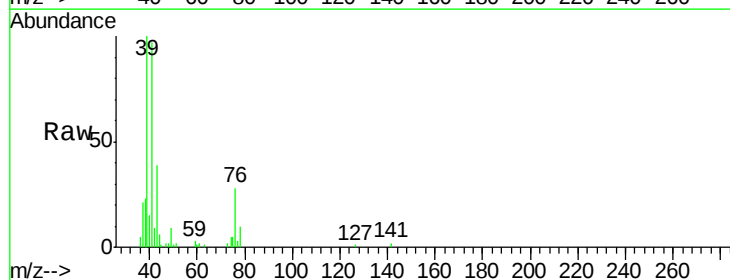
Acq: 7 Jun 2018 14:01

Tgt Ion: 43 Resp: 50717

Ion Ratio Lower Upper

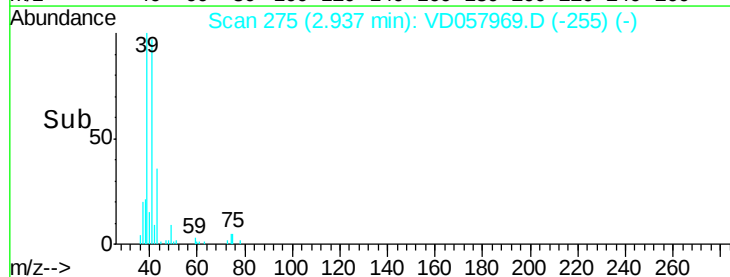
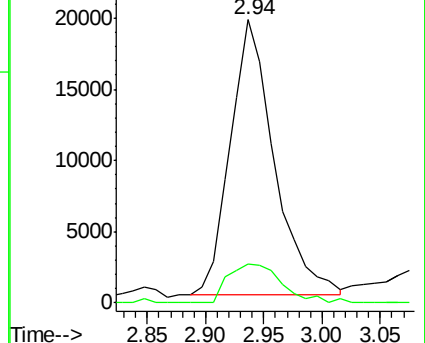
43 100

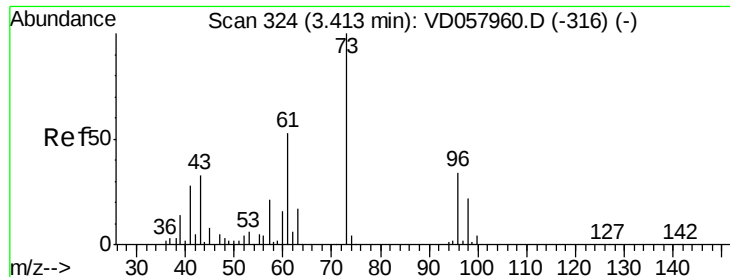
74 13.8 11.2 16.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

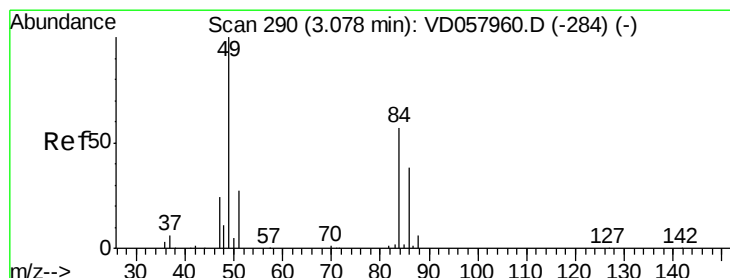
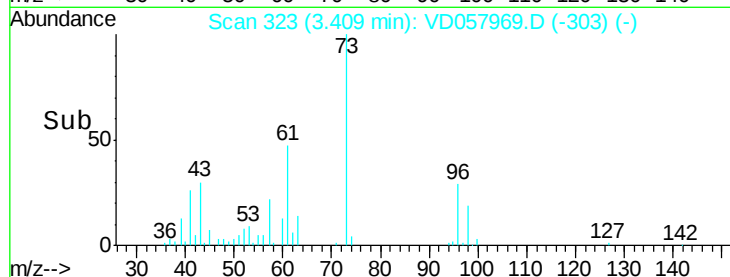
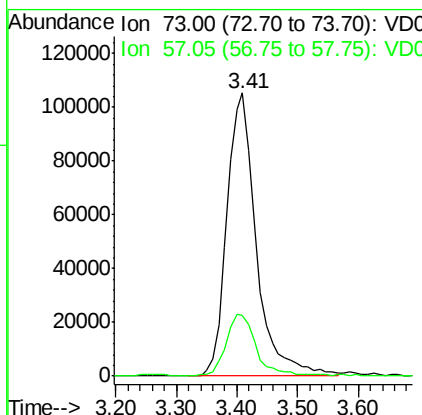
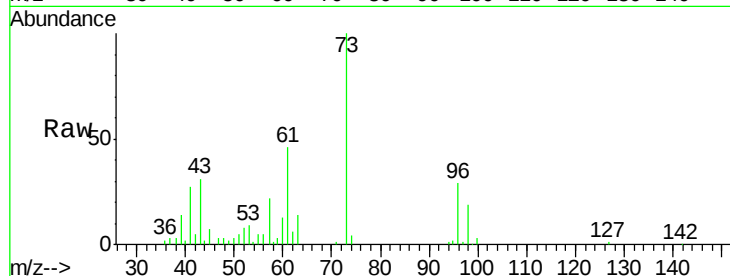




#19
Methyl tert-butyl Ether
Concen: 20.150 ug/l
RT: 3.41 min Scan# 323
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

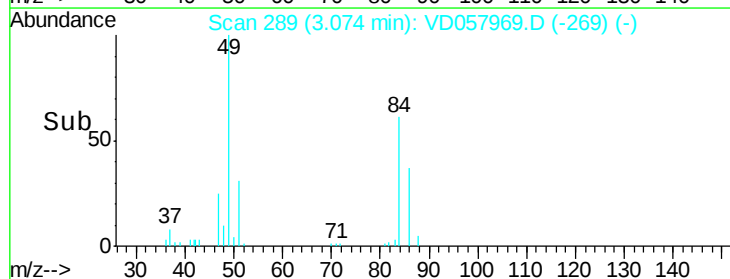
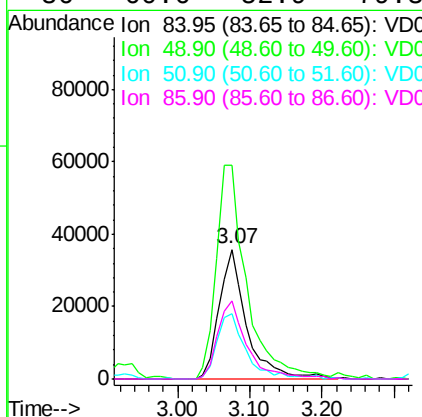
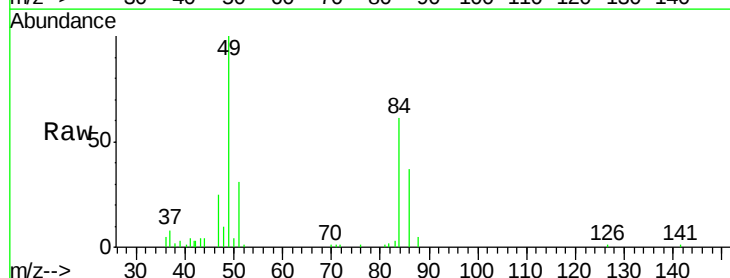
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

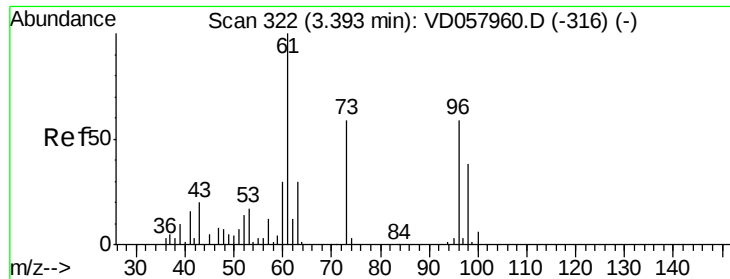
Tgt Ion: 73 Resp: 356409
Ion Ratio Lower Upper
73 100
57 21.6 16.7 25.1



#20
Methylene Chloride
Concen: 22.424 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 84 Resp: 94113
Ion Ratio Lower Upper
84 100
49 164.2 141.4 212.0
51 50.6 38.3 57.5
86 60.6 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 20.840 ug/l

RT: 3.39 min Scan# 321

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

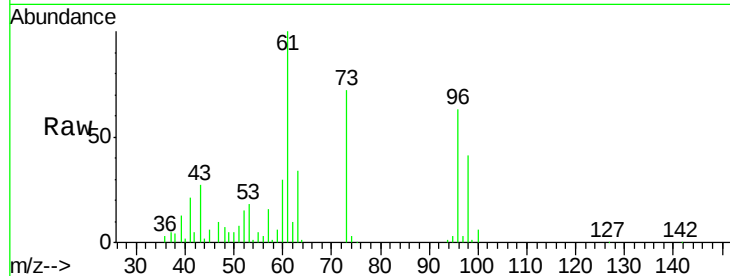
Tgt Ion: 96 Resp: 186593

Ion Ratio Lower Upper

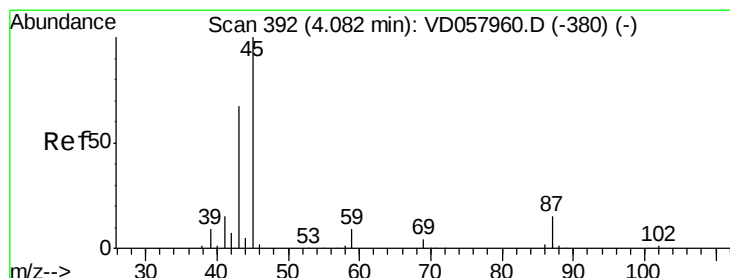
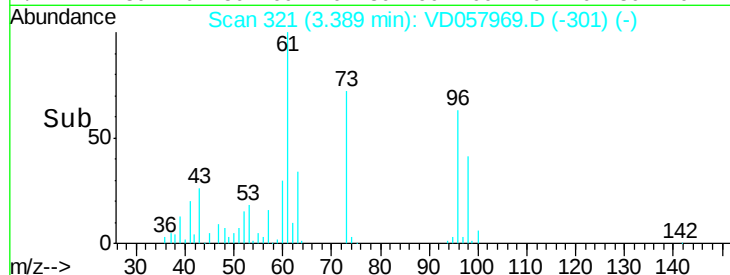
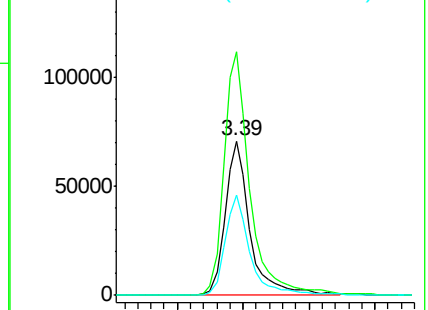
96 100

61 157.5 135.2 202.8

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: 20.265 ug/l

RT: 4.07 min Scan# 390

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Tgt Ion: 45 Resp: 744459

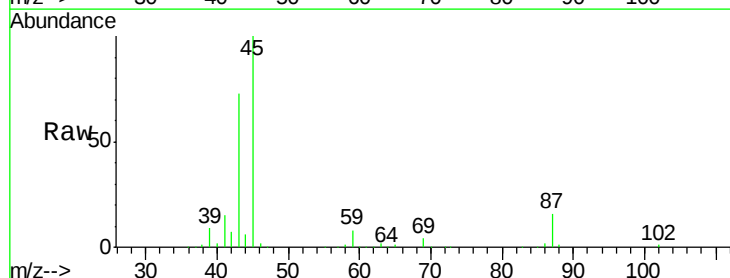
Ion Ratio Lower Upper

45 100

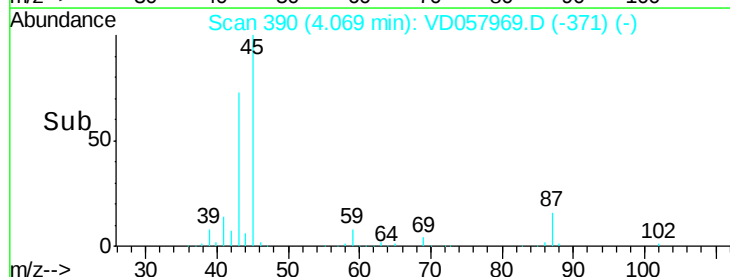
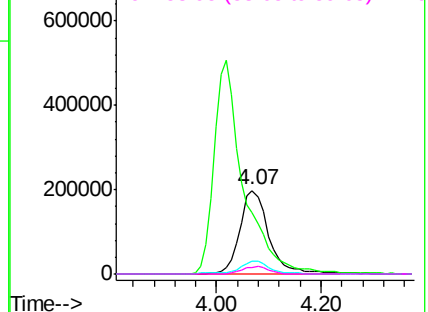
43 73.1 53.8 80.8

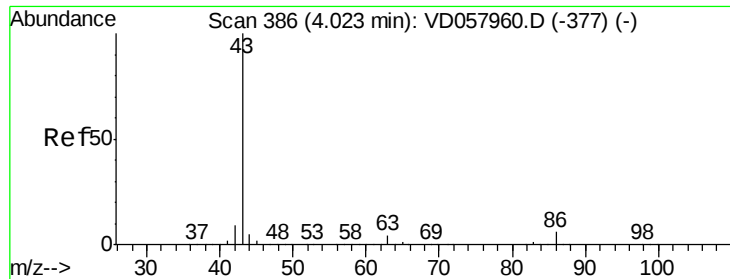
87 15.9 12.5 18.7

59 8.4 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

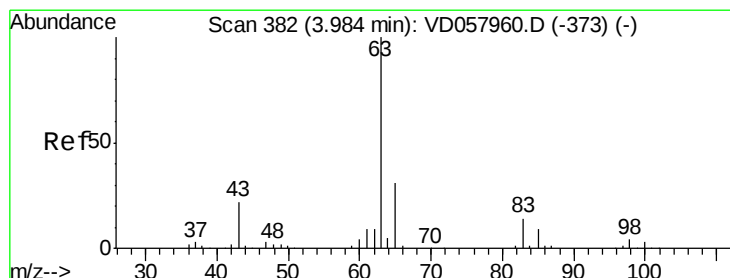
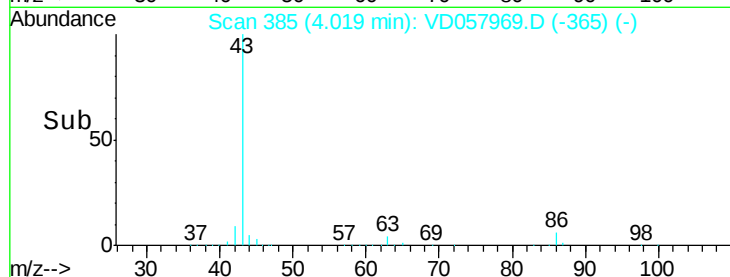
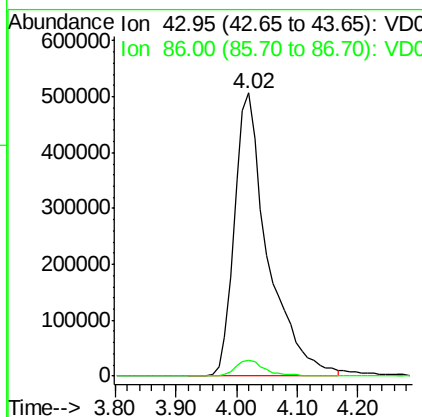
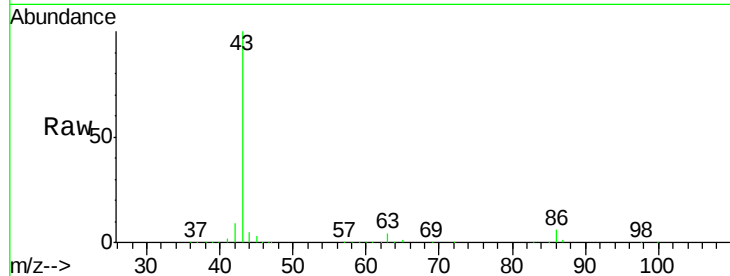




#23
 Vinyl Acetate
 Concen: 102.366 ug/l
 RT: 4.02 min Scan# 385
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

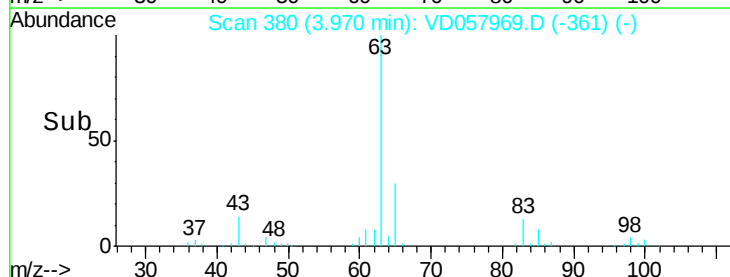
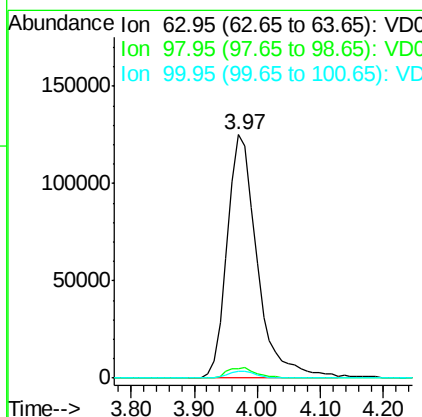
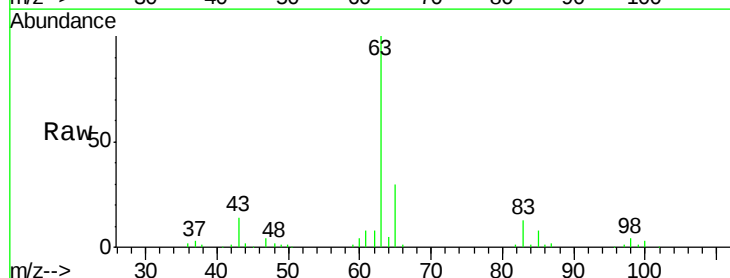
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

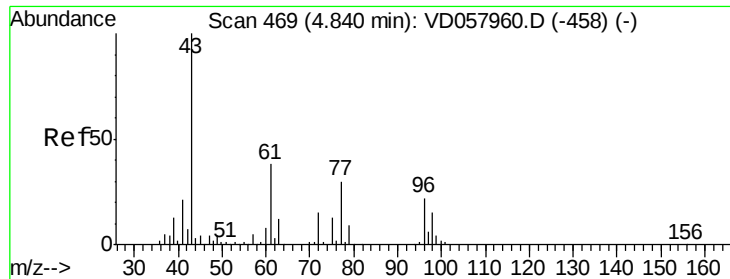
Tgt Ion: 43 Resp: 1943044
 Ion Ratio Lower Upper
 43 100
 86 5.7 4.7 7.1



#24
 1,1-Dichloroethane
 Concen: 20.458 ug/l
 RT: 3.97 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion: 63 Resp: 413047
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 5.8
 100 3.0 1.4 4.2





#25

2-Butanone

Concen: 100.205 ug/l

RT: 4.84 min Scan# 468

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

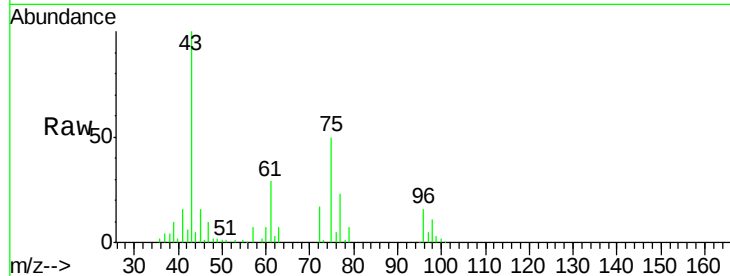
VD0607SBS01

Tgt Ion: 43 Resp: 328766

Ion Ratio Lower Upper

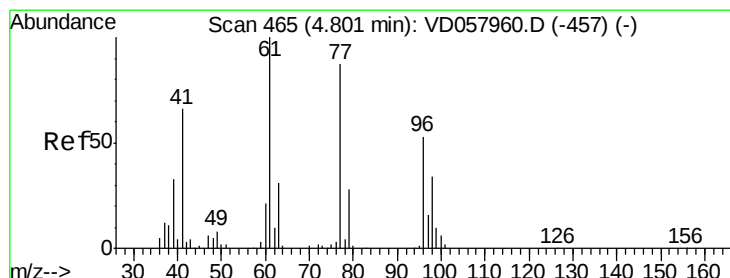
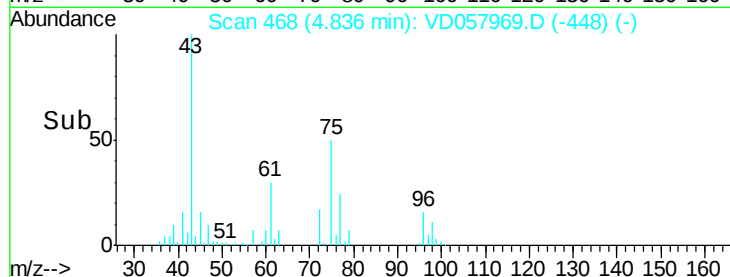
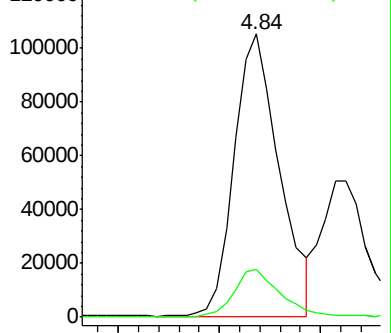
43 100

72 16.9 12.0 18.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.785 ug/l

RT: 4.80 min Scan# 464

Delta R.T. -0.00 min

Lab File: VD057969.D

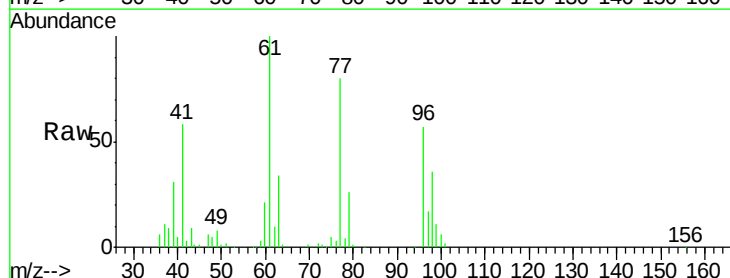
Acq: 7 Jun 2018 14:01

Tgt Ion: 77 Resp: 345701

Ion Ratio Lower Upper

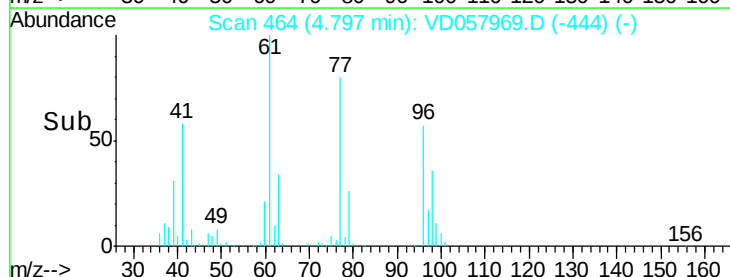
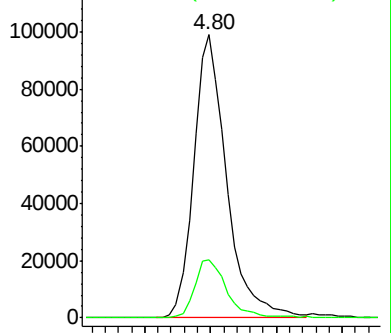
77 100

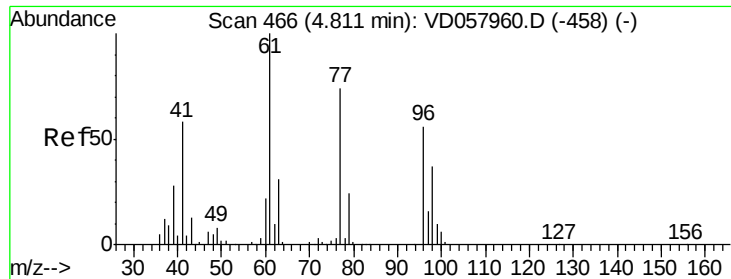
97 20.5 9.2 27.6



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



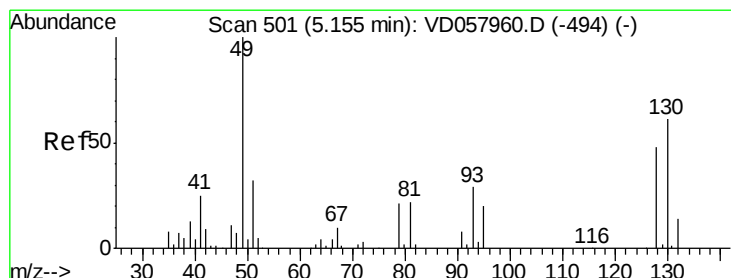
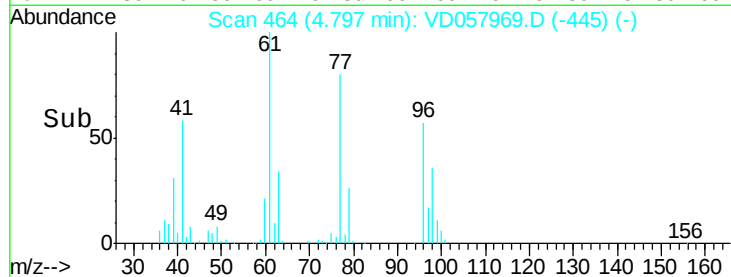
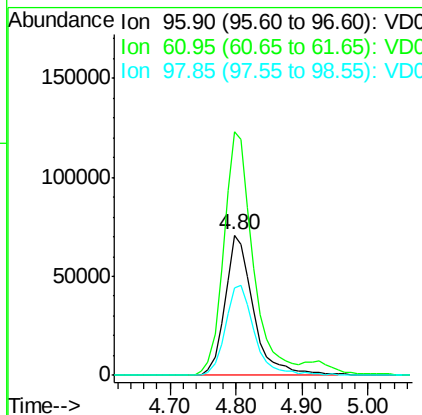
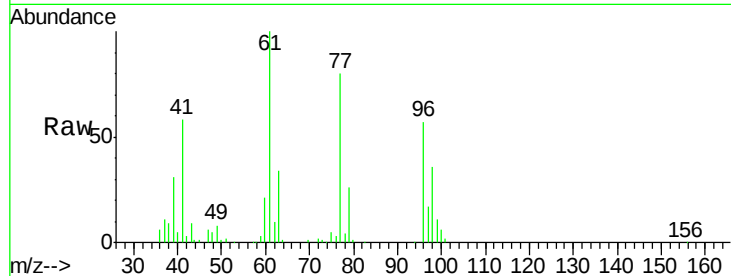


#27

cis-1,2-Dichloroethene
 Concen: 19.992 ug/l
 RT: 4.80 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

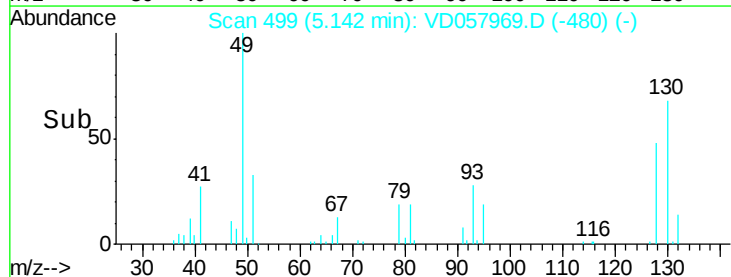
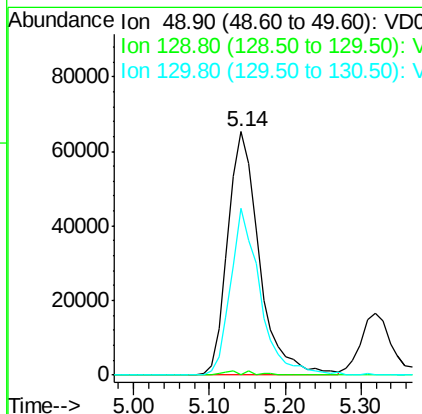
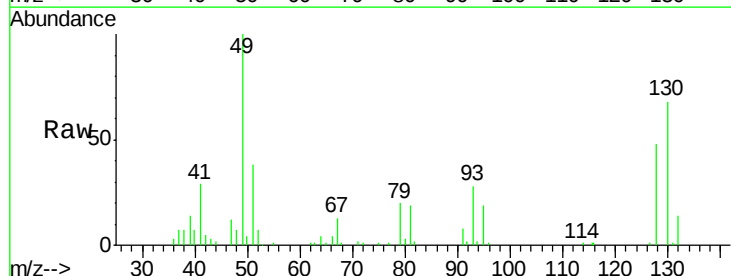
Tgt Ion: 96 Resp: 212294
 Ion Ratio Lower Upper
 96 100
 61 174.0 0.0 355.0
 98 62.8 0.0 129.6

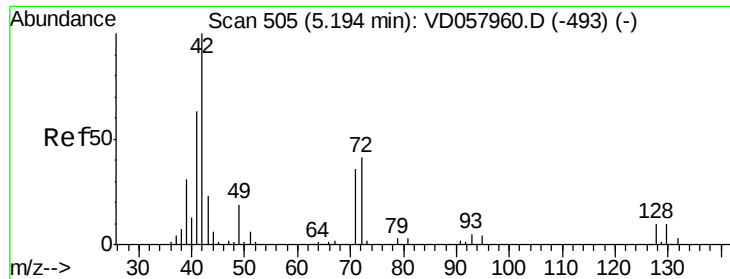


#28

Bromochloromethane
 Concen: 21.587 ug/l
 RT: 5.14 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion: 49 Resp: 188638
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 68.4 48.8 73.2

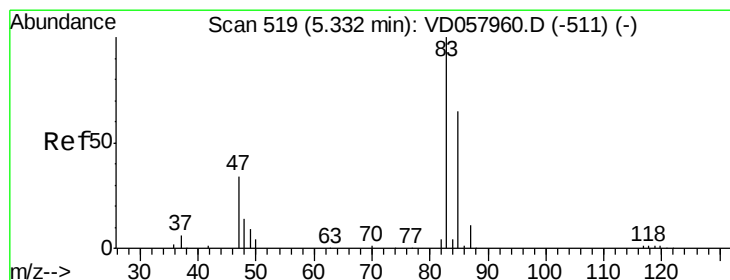
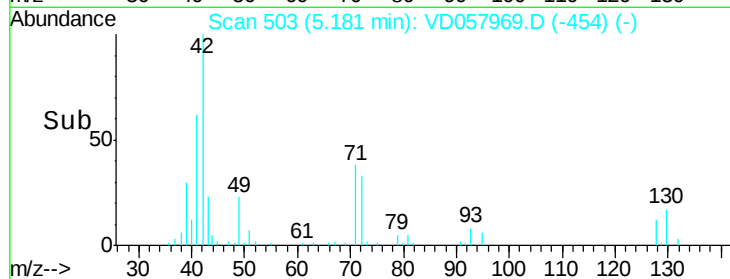
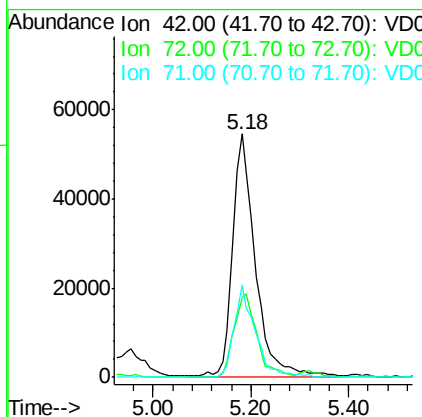
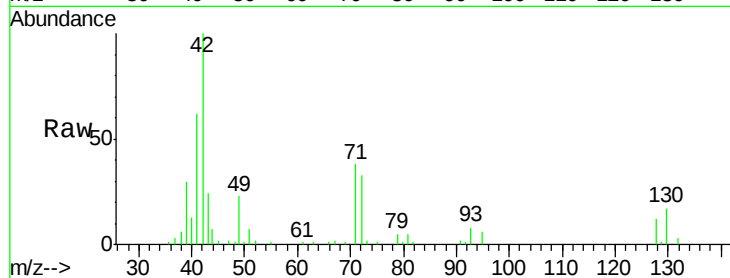




#29
Tetrahydrofuran
Concen: 104.092 ug/l
RT: 5.18 min Scan# 503
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

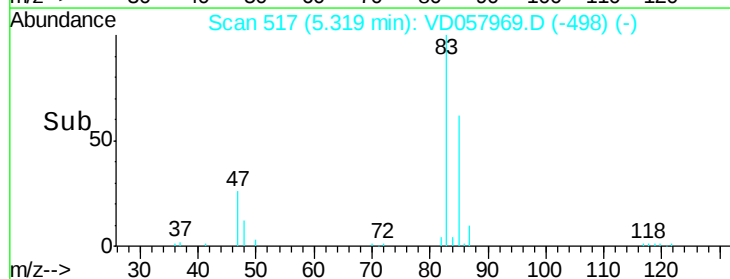
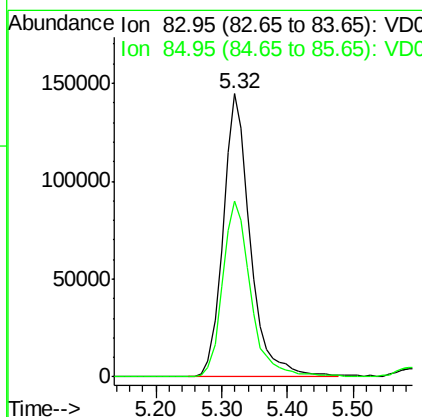
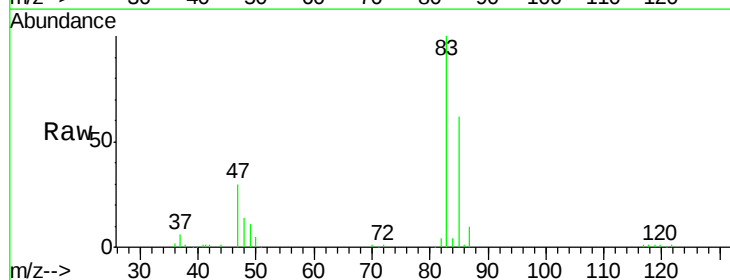
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

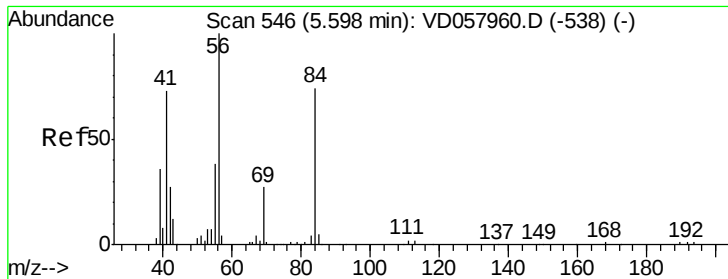
Tgt Ion: 42 Resp: 179027
Ion Ratio Lower Upper
42 100
72 34.2 28.5 42.7
71 34.7 27.9 41.9



#30
Chloroform
Concen: 20.471 ug/l
RT: 5.32 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 83 Resp: 415974
Ion Ratio Lower Upper
83 100
85 62.1 51.6 77.4

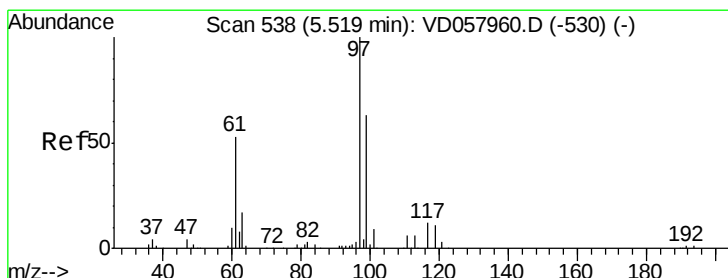
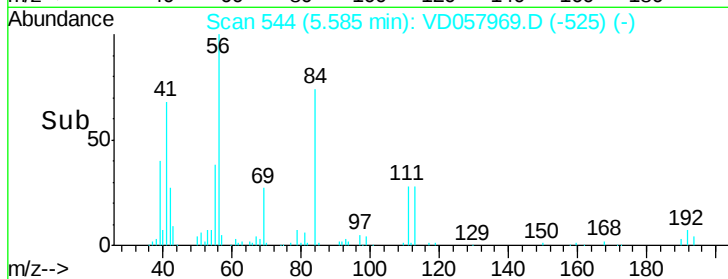
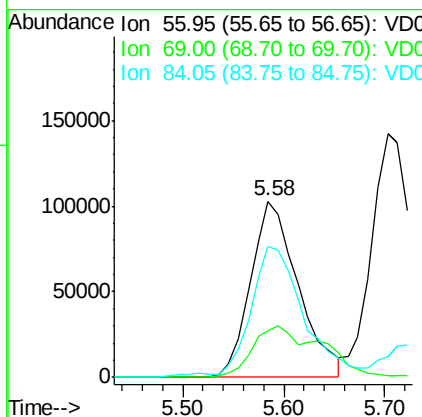
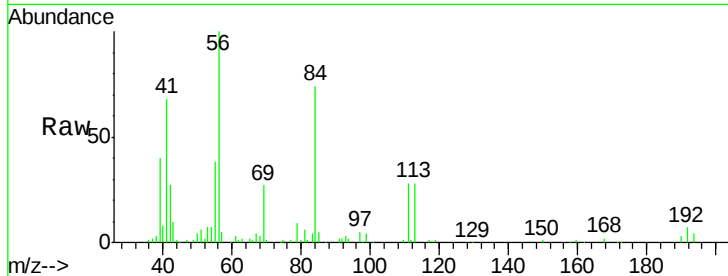




#31
Cyclohexane
Concen: 19.383 ug/l
RT: 5.58 min Scan# 544
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

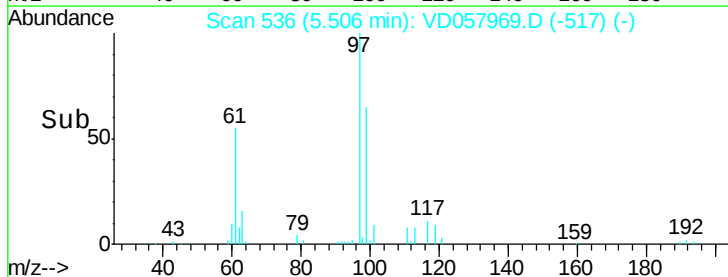
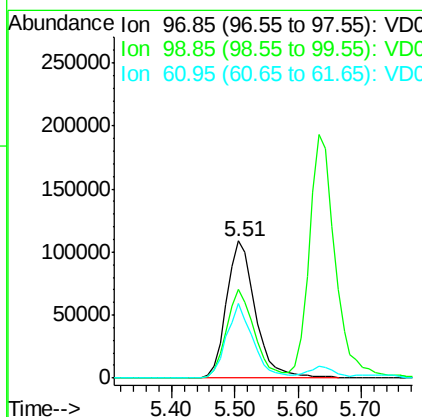
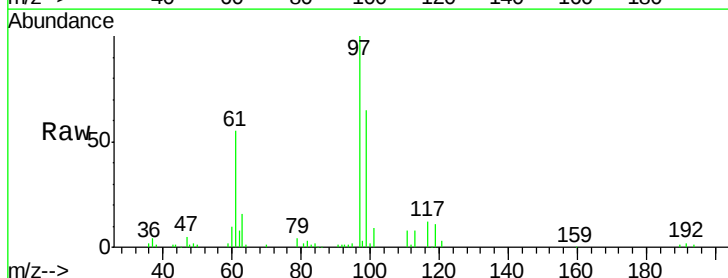
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

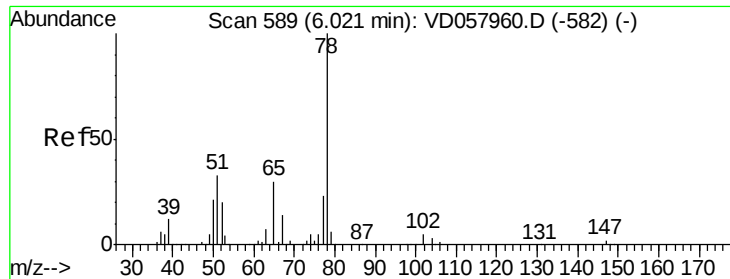
Tgt Ion: 56 Resp: 337723
Ion Ratio Lower Upper
56 100
69 26.7 21.5 32.3
84 74.5 61.0 91.6



#32
1,1,1-Trichloroethane
Concen: 20.210 ug/l
RT: 5.51 min Scan# 536
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 97 Resp: 343854
Ion Ratio Lower Upper
97 100
99 64.6 50.1 75.1
61 54.7 42.2 63.4





#33

1,2-Dichloroethane-d4

Concen: 20.210 ug/l

RT: 6.02 min Scan# 588

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

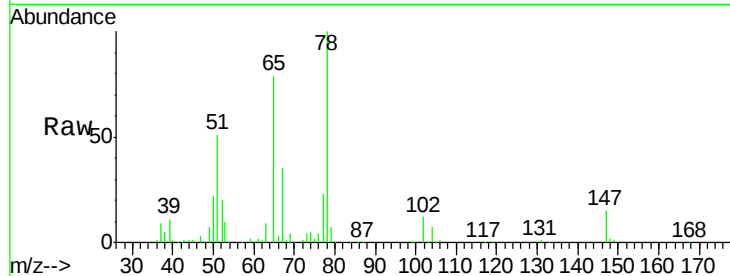
VD0607SBS01

Tgt Ion: 65 Resp: 455142

Ion Ratio Lower Upper

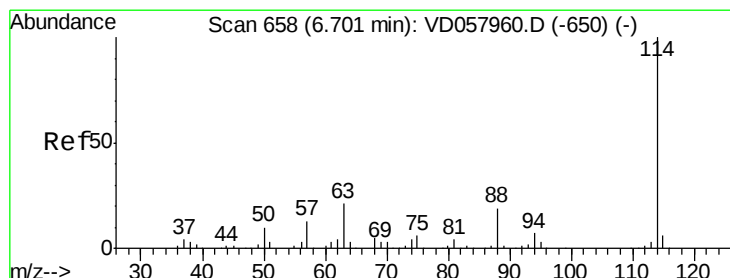
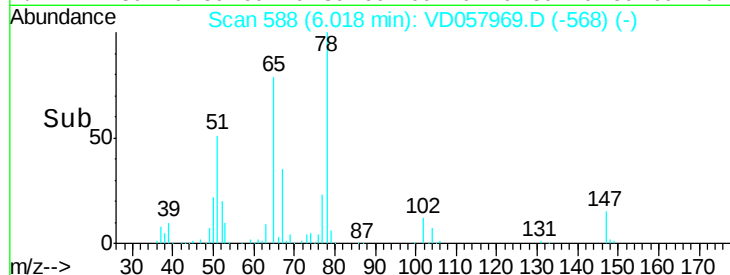
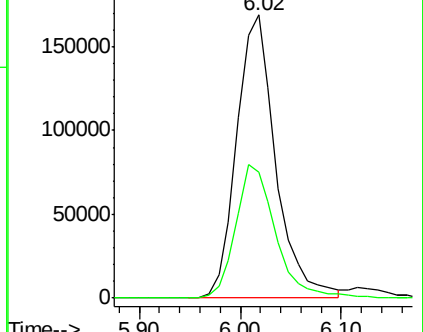
65 100

67 44.7 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

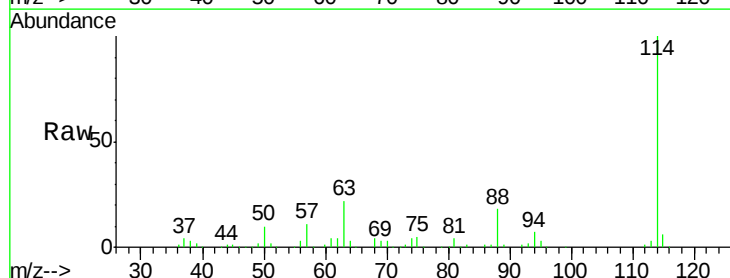
Tgt Ion: 114 Resp: 1316174

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.8

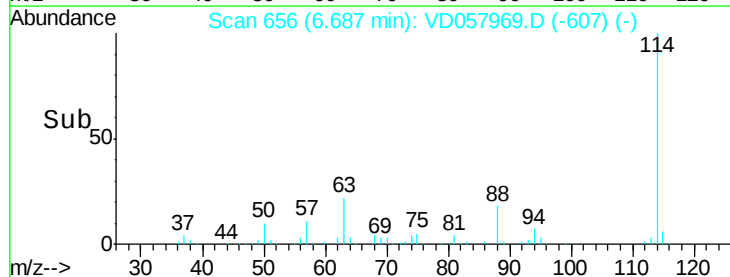
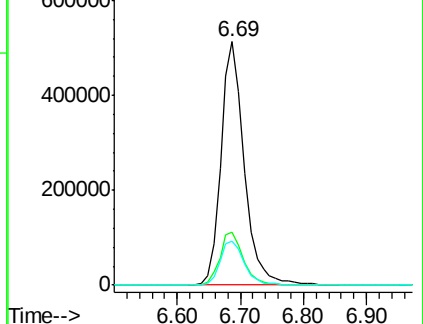
88 18.2 0.0 37.8

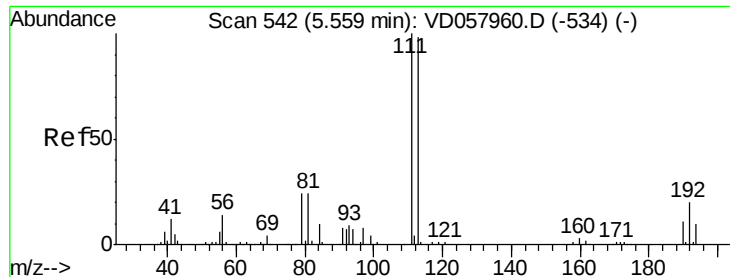


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

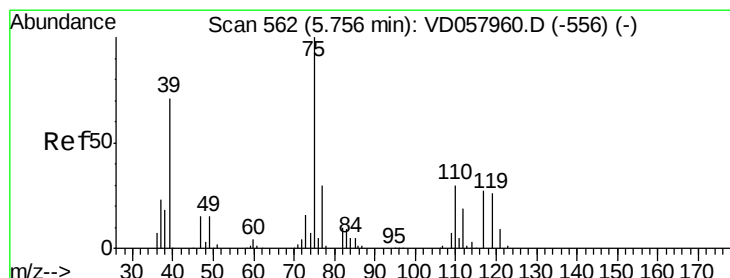
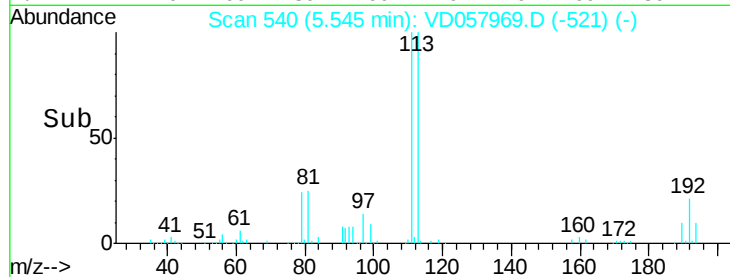
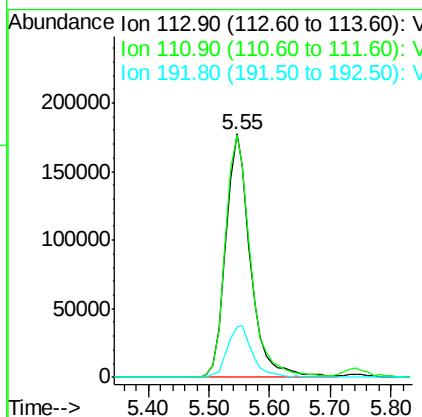
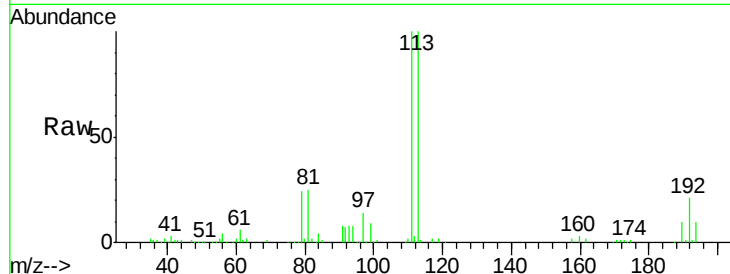




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.55 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

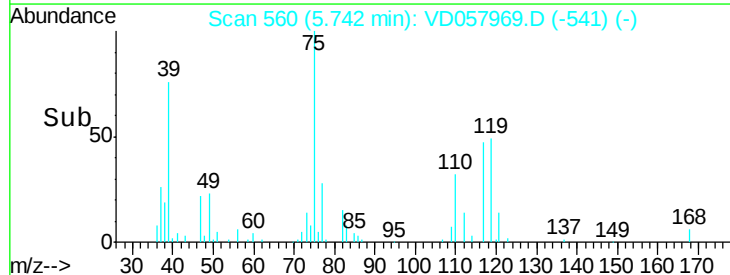
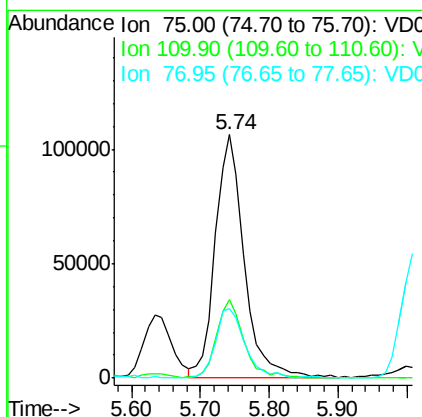
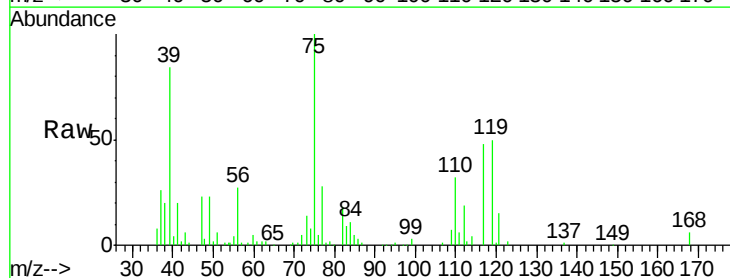
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

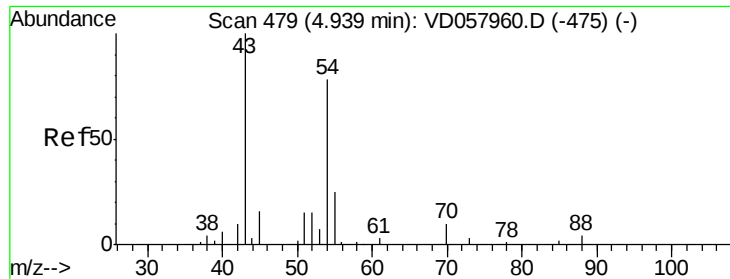
Tgt Ion:113 Resp: 501512
 Ion Ratio Lower Upper
 113 100
 111 99.6 81.5 122.3
 192 20.7 16.4 24.6



#36
 1,1-Dichloropropene
 Concen: 21.002 ug/l
 RT: 5.74 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion: 75 Resp: 304547
 Ion Ratio Lower Upper
 75 100
 110 32.0 14.8 44.3
 77 28.4 23.9 35.9





#37

Ethyl Acetate

Concen: 20.864 ug/l

RT: 4.92 min Scan# 476

Delta R.T. -0.02 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

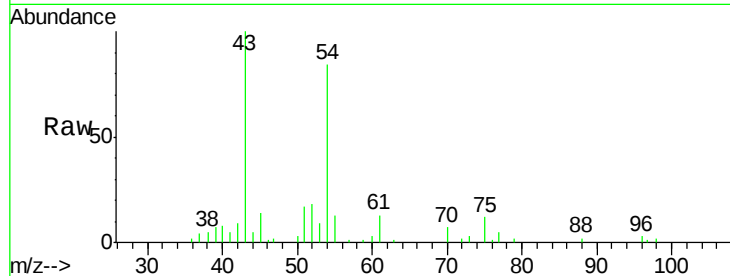
Tgt Ion: 43 Resp: 165080

Ion Ratio Lower Upper

43 100

61 13.5 9.9 14.9

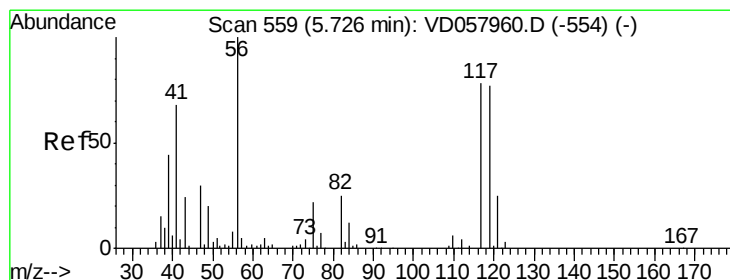
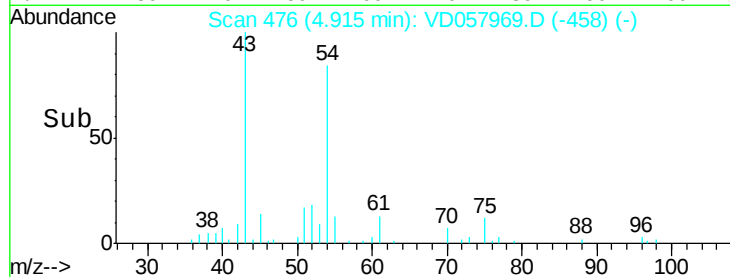
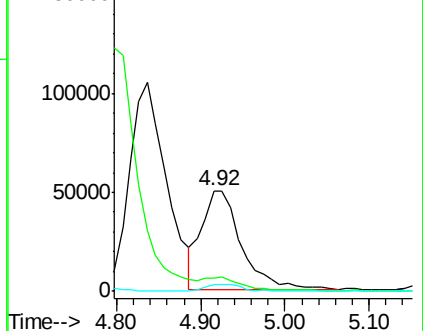
70 7.4 5.7 8.5



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: 20.882 ug/l

RT: 5.72 min Scan# 558

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

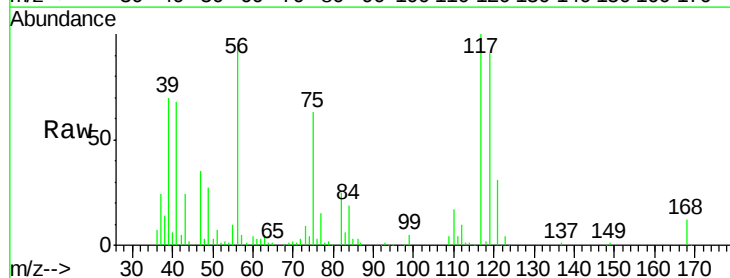
Tgt Ion: 117 Resp: 298422

Ion Ratio Lower Upper

117 100

119 90.9 76.1 114.1

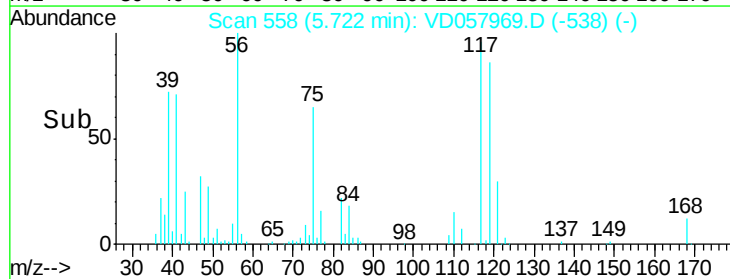
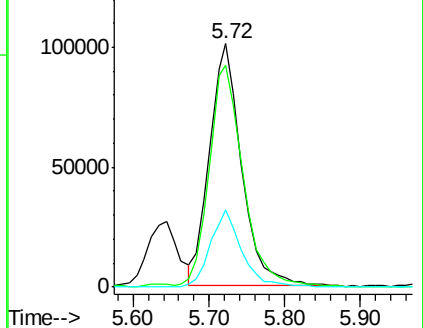
121 31.5 24.9 37.3

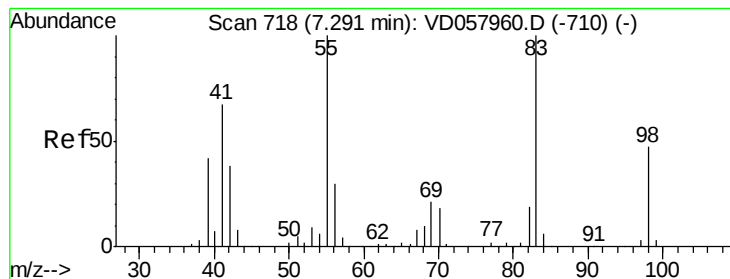


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methylcyclohexane

Concen: 20.267 ug/l

RT: 7.28 min Scan# 716

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

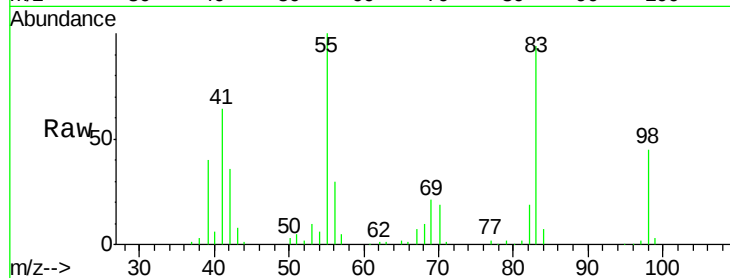
Tgt Ion: 83 Resp: 291336

Ion Ratio Lower Upper

83 100

55 106.8 80.3 120.5

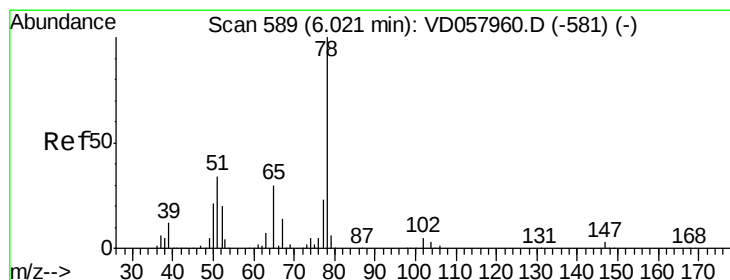
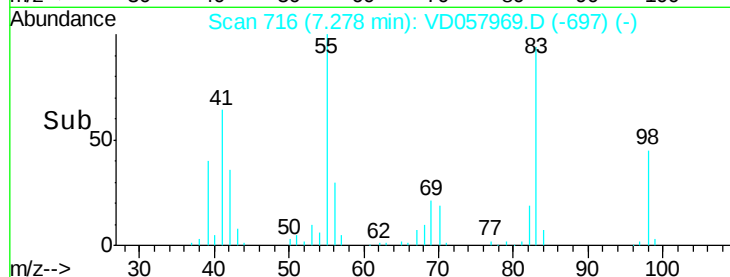
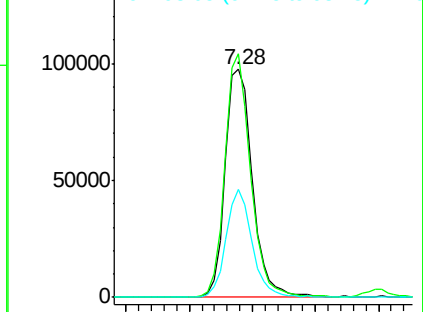
98 47.6 38.0 57.0



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: 19.641 ug/l

RT: 6.01 min Scan# 587

Delta R.T. -0.01 min

Lab File: VD057969.D

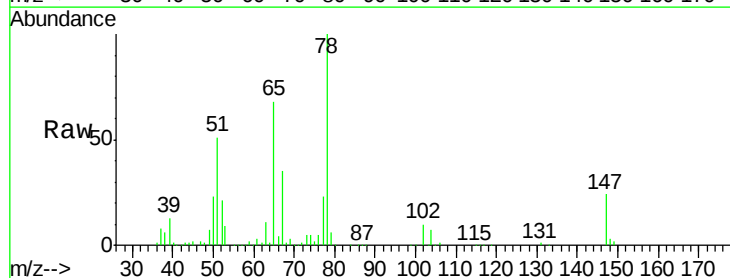
Acq: 7 Jun 2018 14:01

Tgt Ion: 78 Resp: 665328

Ion Ratio Lower Upper

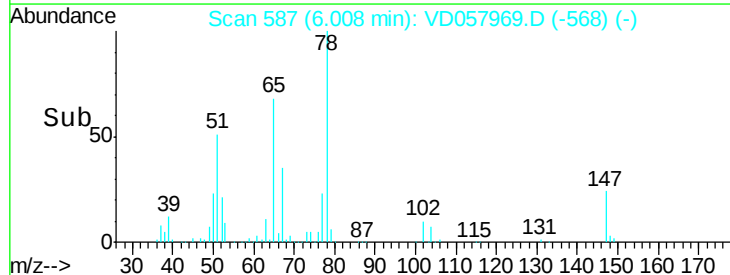
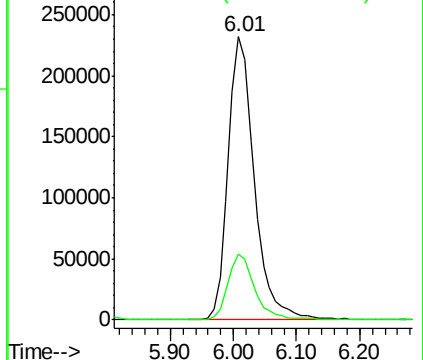
78 100

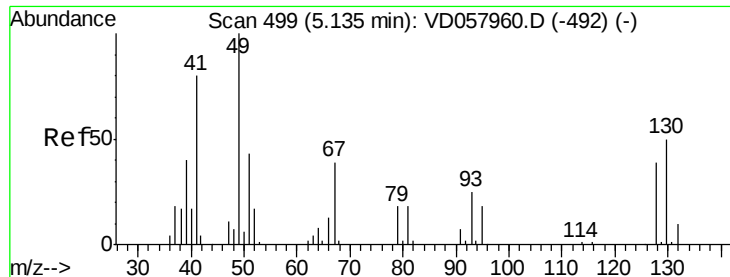
77 23.4 18.1 27.1



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC

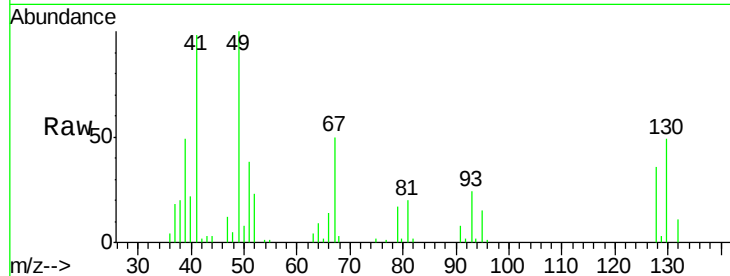




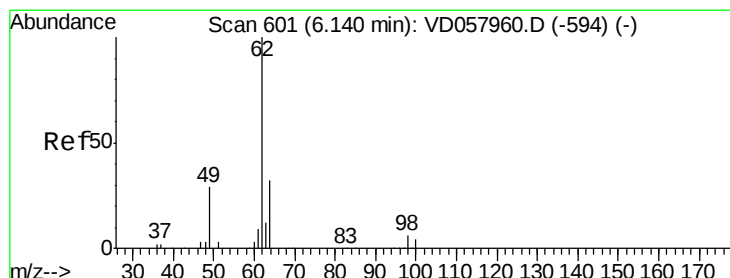
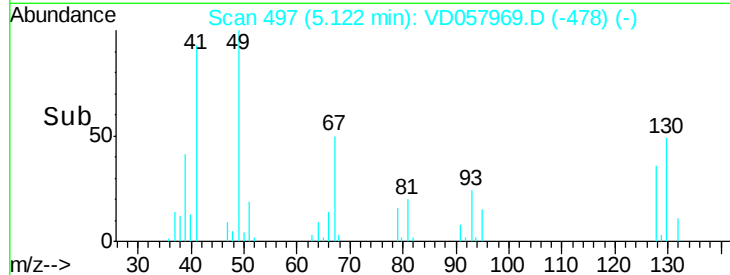
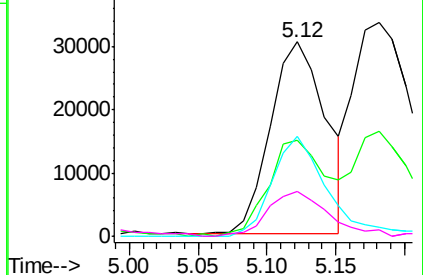
#41
Methacrylonitrile
Concen: 23.504 ug/l
RT: 5.12 min Scan# 497
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

Tgt Ion:	41	Resp:	85033
Ion	Ratio	Lower	Upper
41	100		
39	49.6	40.7	61.1
67	51.4	38.8	58.2
52	23.2	17.3	25.9

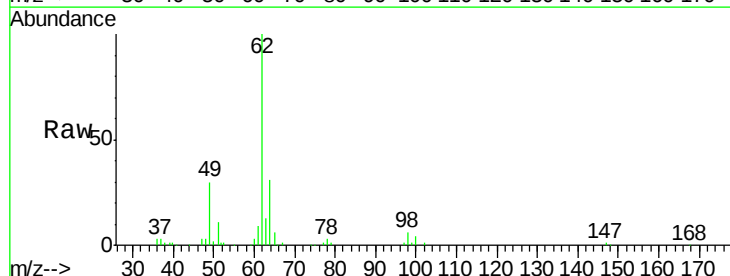


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

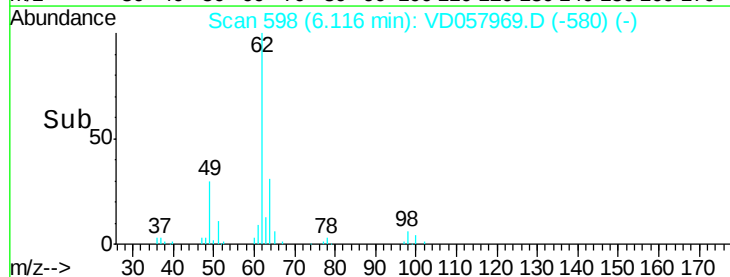
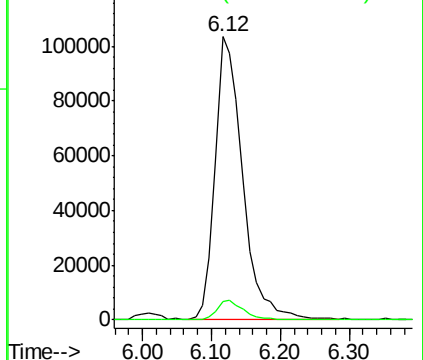


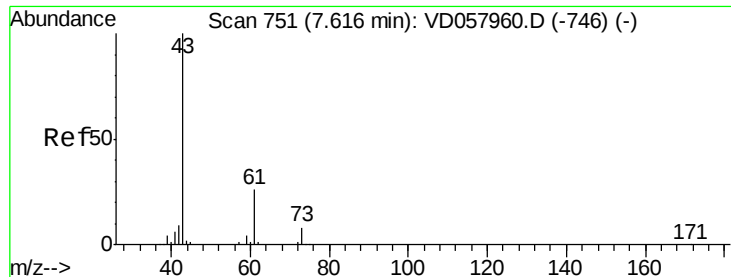
#42
1,2-Dichloroethane
Concen: 20.946 ug/l
RT: 6.12 min Scan# 598
Delta R.T. -0.02 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion:	62	Resp:	286879
Ion	Ratio	Lower	Upper
62	100		
98	6.3	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: 20.783 ug/l

RT: 7.61 min Scan# 750

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

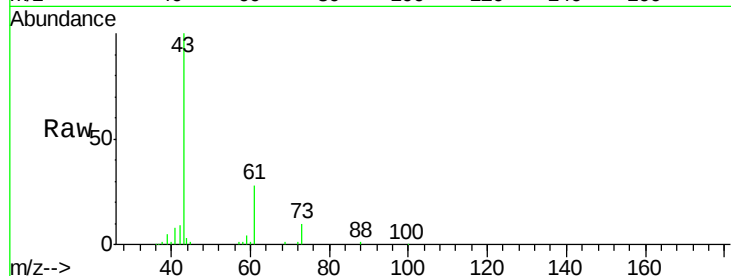
Tgt Ion: 43 Resp: 215394

Ion Ratio Lower Upper

43 100

61 27.8 20.6 30.8

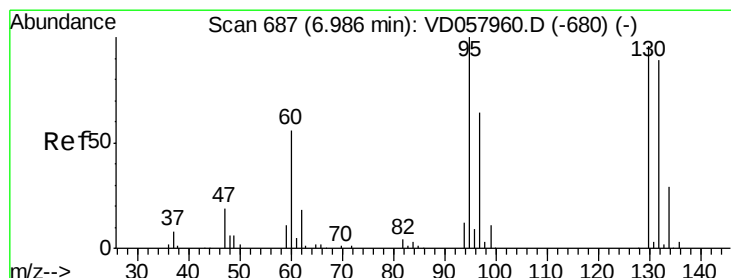
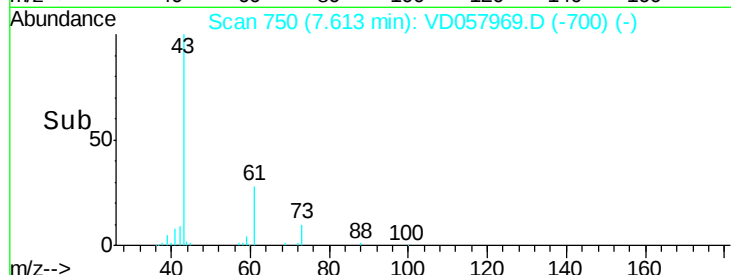
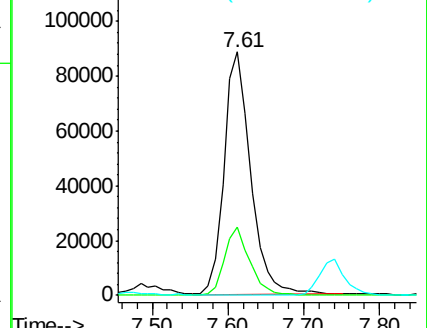
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.321 ug/l

RT: 6.97 min Scan# 685

Delta R.T. -0.01 min

Lab File: VD057969.D

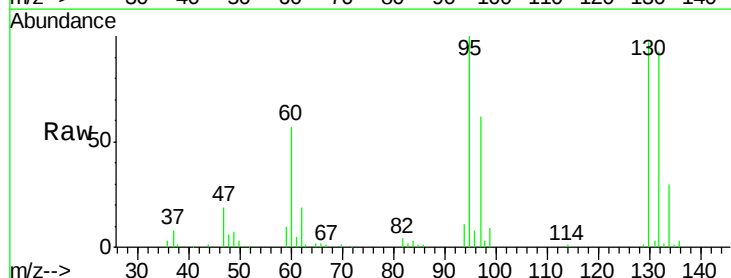
Acq: 7 Jun 2018 14:01

Tgt Ion: 130 Resp: 210967

Ion Ratio Lower Upper

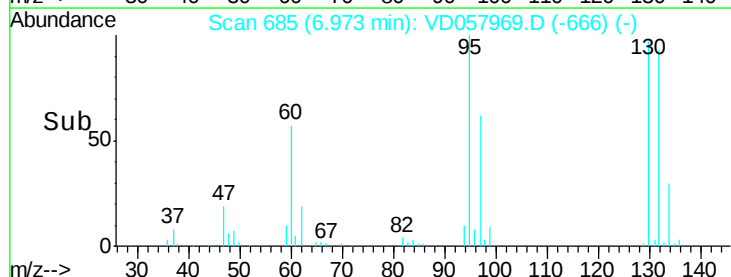
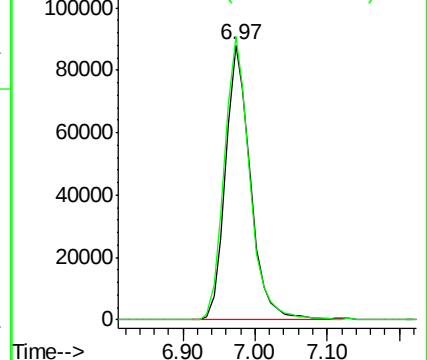
130 100

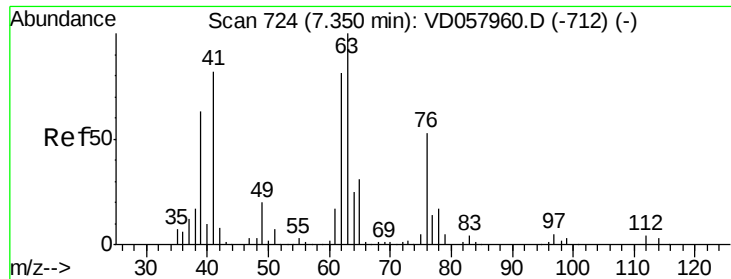
95 102.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.418 ug/l

RT: 7.35 min Scan# 723

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

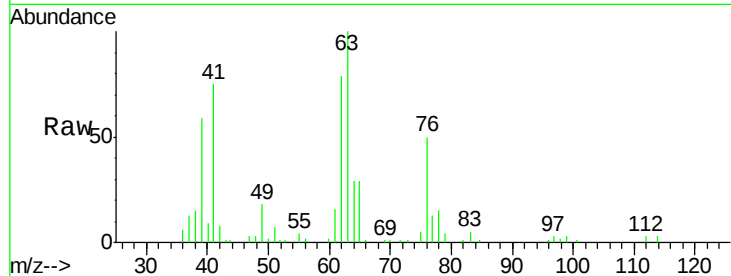
VD0607SBSD01

Tgt Ion: 63 Resp: 192236

Ion Ratio Lower Upper

63 100

65 28.9 24.9 37.3



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

7.35

80000

60000

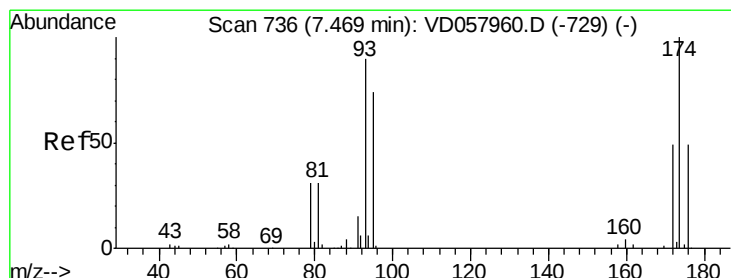
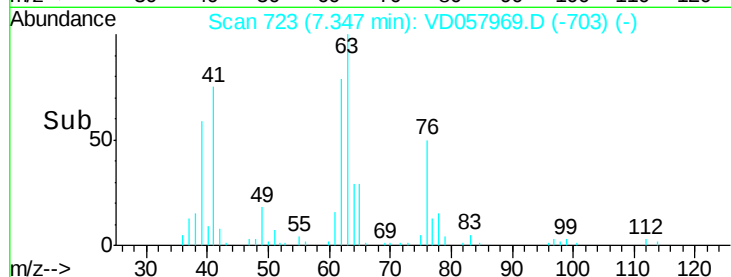
40000

20000

0

7.20 7.30 7.40 7.50

Time-->



#46

Dibromomethane

Concen: 20.663 ug/l

RT: 7.46 min Scan# 734

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

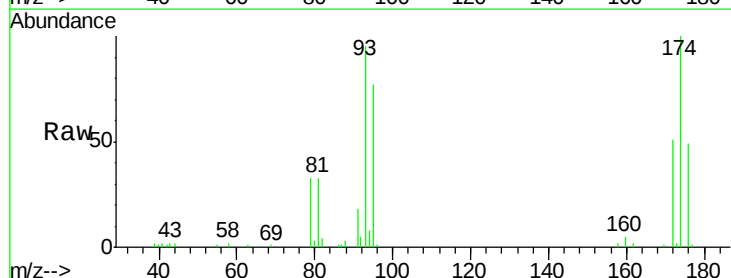
Tgt Ion: 93 Resp: 124974

Ion Ratio Lower Upper

93 100

95 81.5 65.7 98.5

174 105.4 89.0 133.4



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

60000

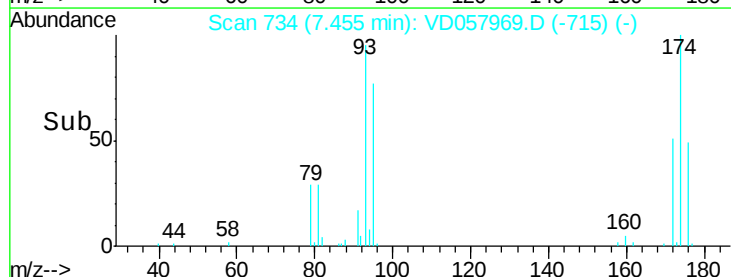
40000

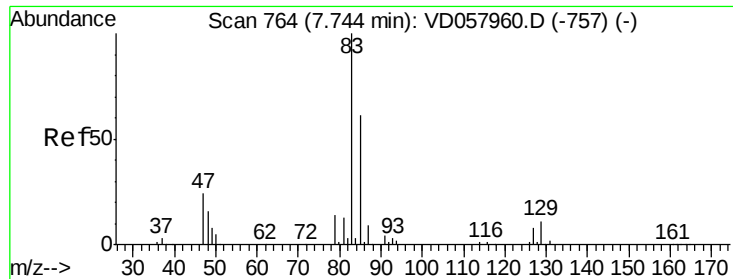
20000

0

7.40 7.50 7.60

Time-->





#47

Bromodichloromethane

Concen: 20.320 ug/l

RT: 7.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

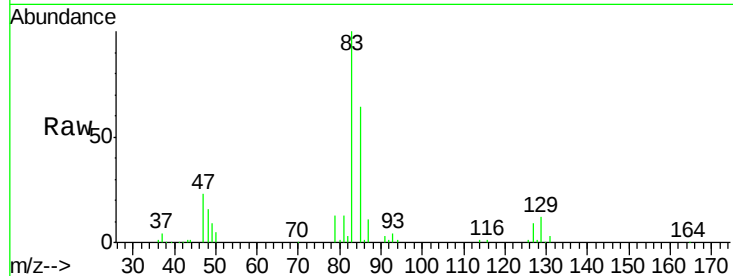
Tgt Ion: 83 Resp: 287758

Ion Ratio Lower Upper

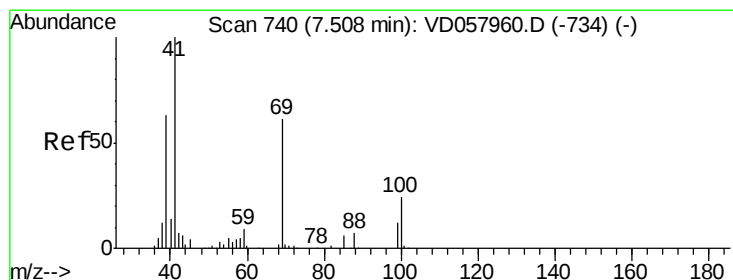
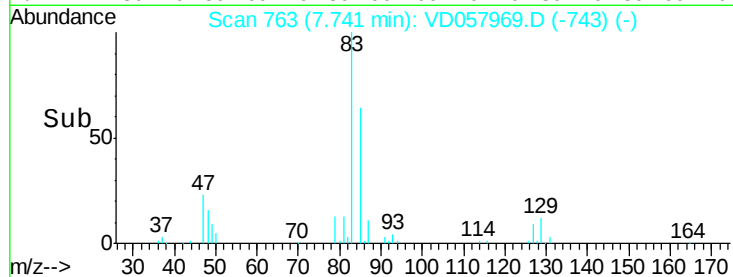
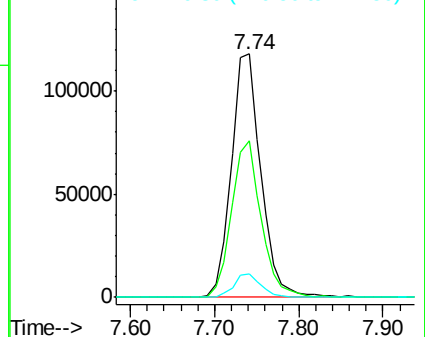
83 100

85 64.5 49.1 73.7

127 9.4 6.2 9.2#



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



#48

Methyl methacrylate

Concen: 21.160 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

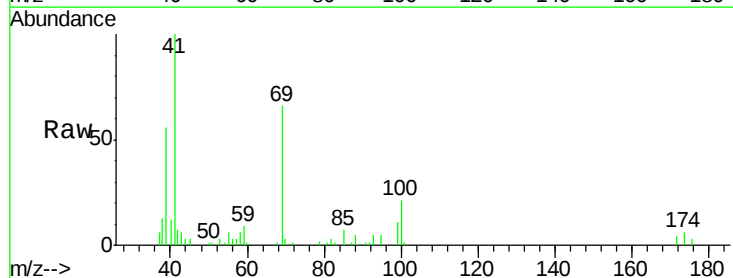
Tgt Ion: 41 Resp: 134974

Ion Ratio Lower Upper

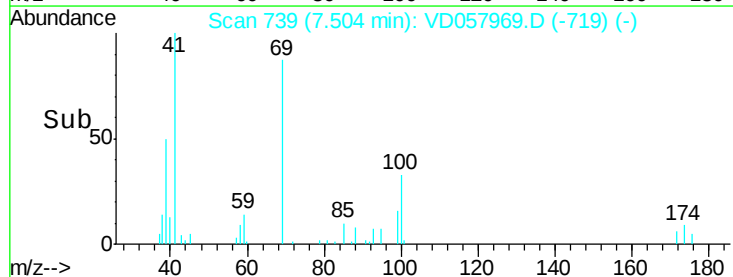
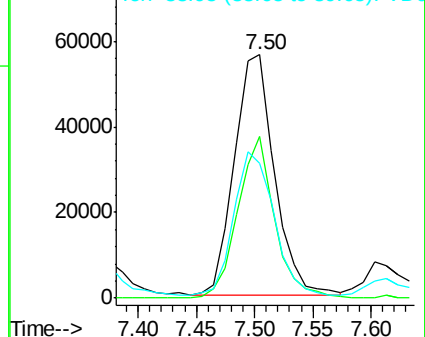
41 100

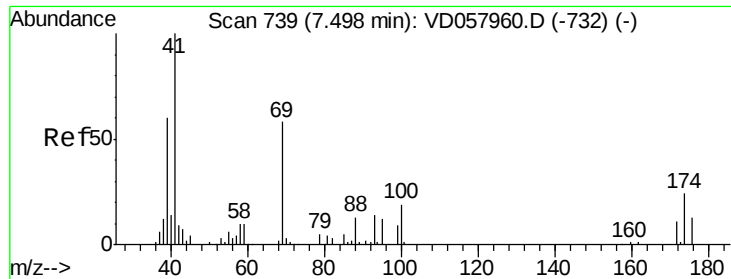
69 66.2 48.0 72.0

39 55.6 50.7 76.1



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





#49

1,4-Dioxane

Concen: 372.454 ug/l

RT: 7.48 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

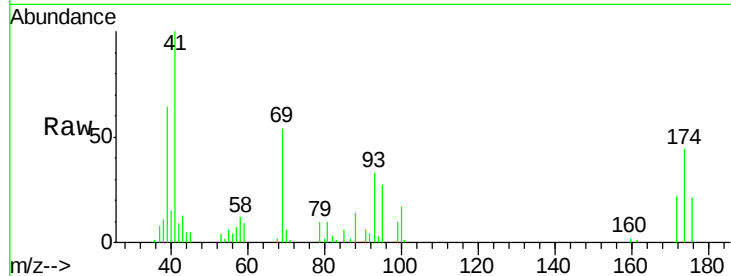
Tgt Ion: 88 Resp: 19682

Ion Ratio Lower Upper

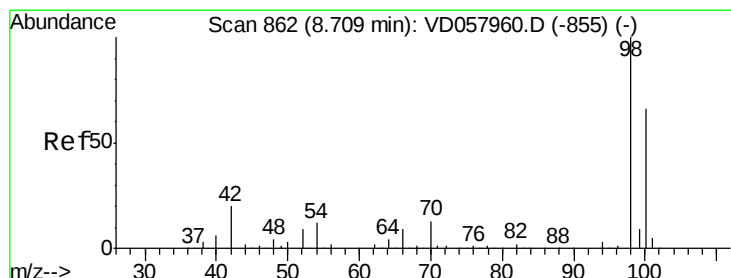
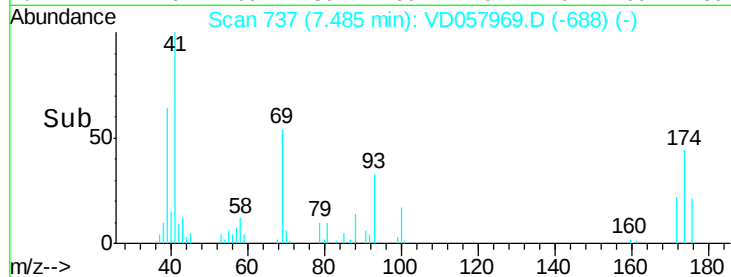
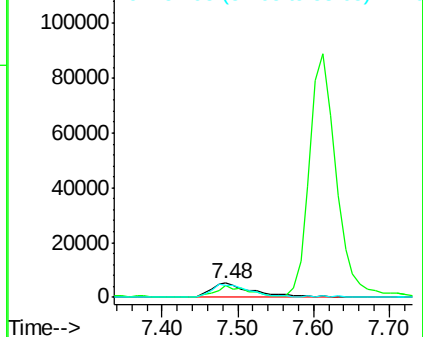
88 100

43 88.2 46.6 69.8#

58 81.3 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: 372.454 ug/l

RT: 8.71 min Scan# 861

Delta R.T. -0.00 min

Lab File: VD057969.D

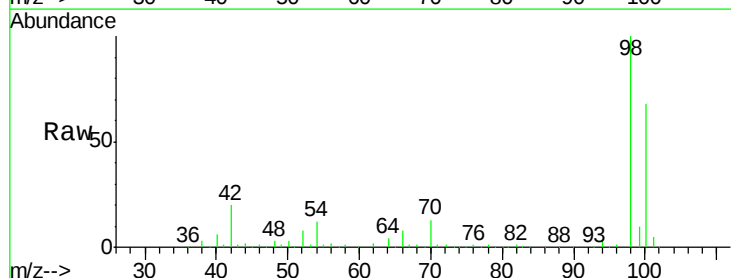
Acq: 7 Jun 2018 14:01

Tgt Ion: 98 Resp: 1116209

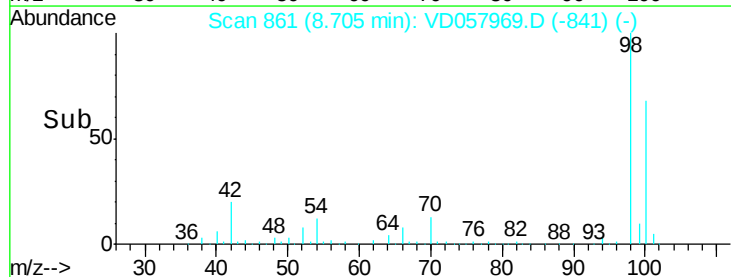
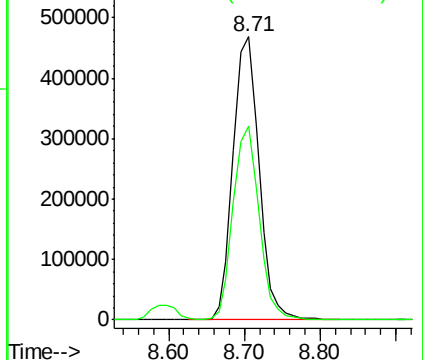
Ion Ratio Lower Upper

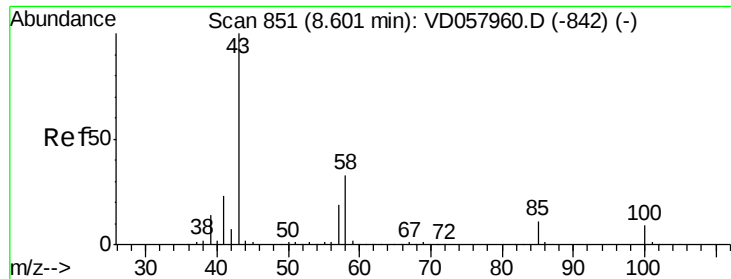
98 100

100 68.4 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: 108.255 ug/l

RT: 8.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

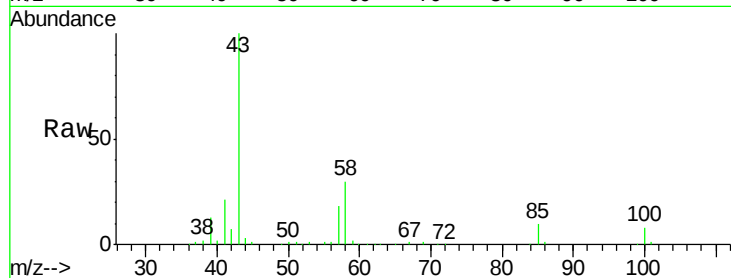
VD0607SBSD01

Tgt Ion: 43 Resp: 719627

Ion Ratio Lower Upper

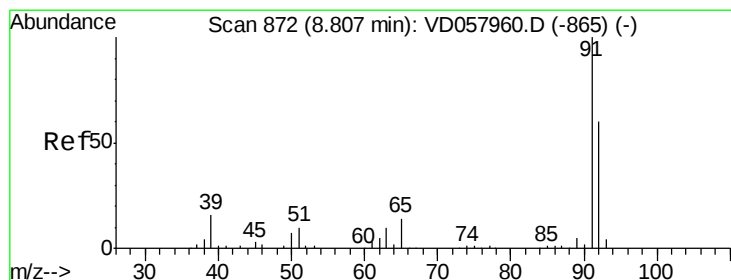
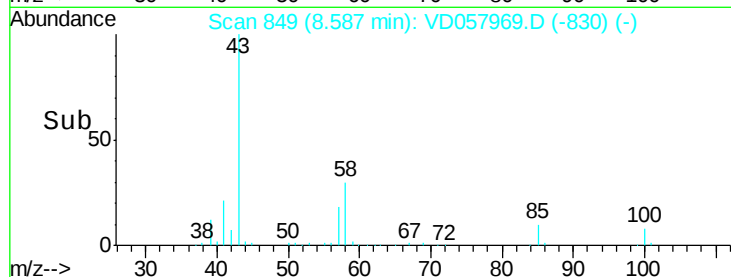
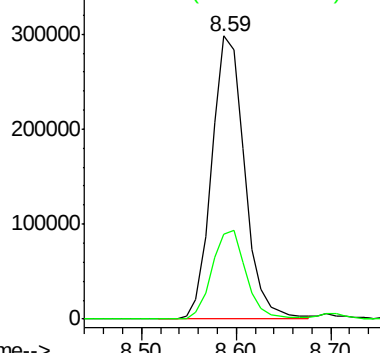
43 100

58 30.2 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: 20.295 ug/l

RT: 8.79 min Scan# 870

Delta R.T. -0.01 min

Lab File: VD057969.D

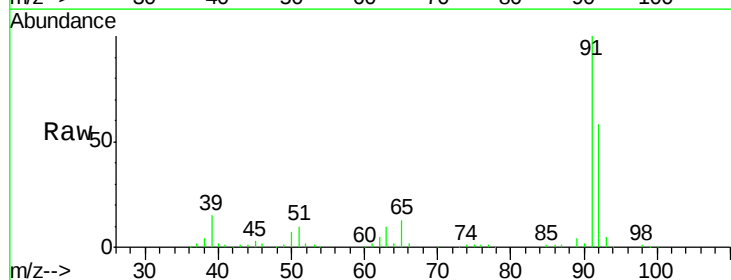
Acq: 7 Jun 2018 14:01

Tgt Ion: 92 Resp: 394550

Ion Ratio Lower Upper

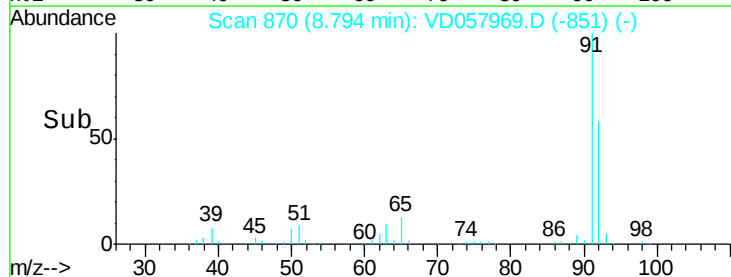
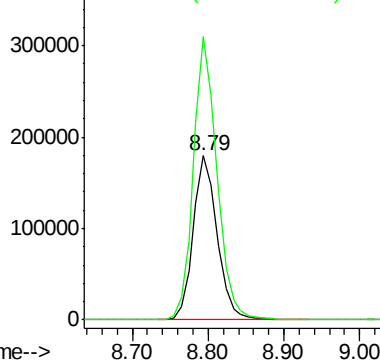
92 100

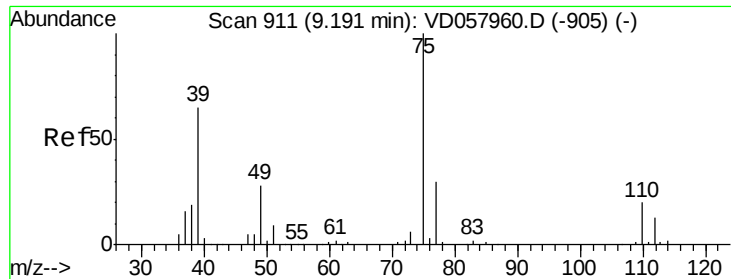
91 172.6 133.0 199.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

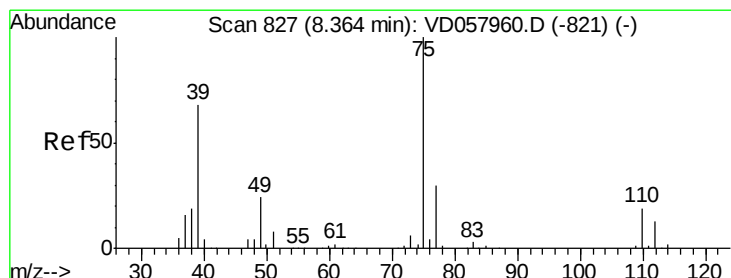
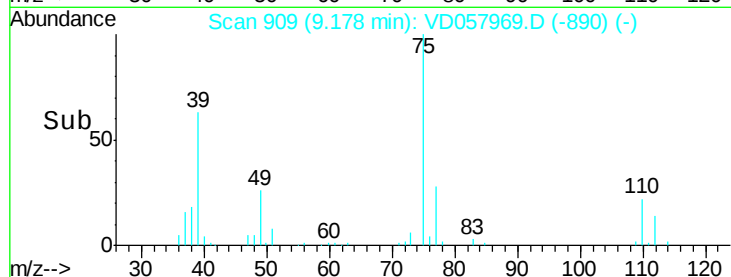
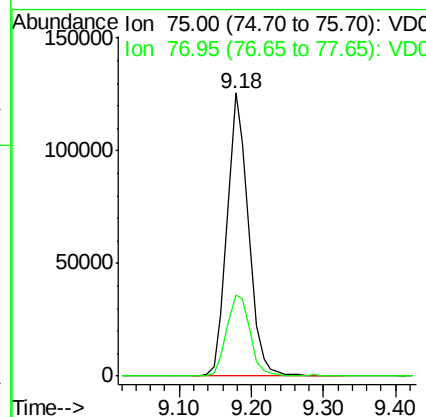
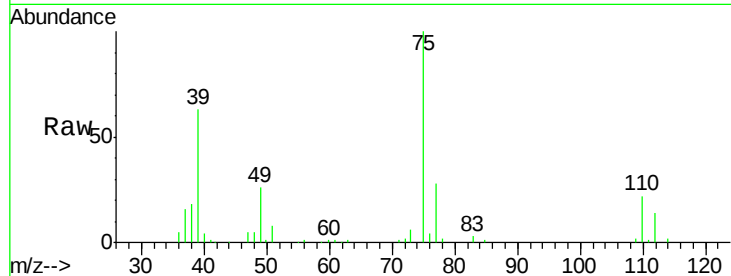




#53
t-1,3-Dichloropropene
Concen: 21.032 ug/l
RT: 9.18 min Scan# 909
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

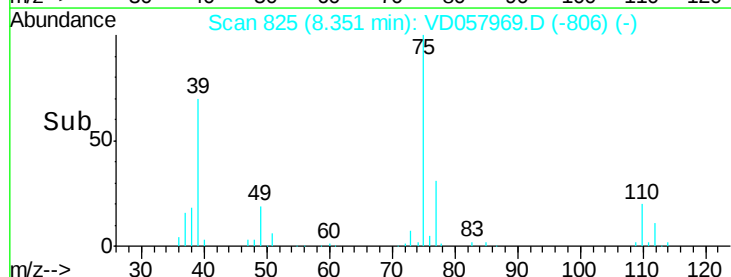
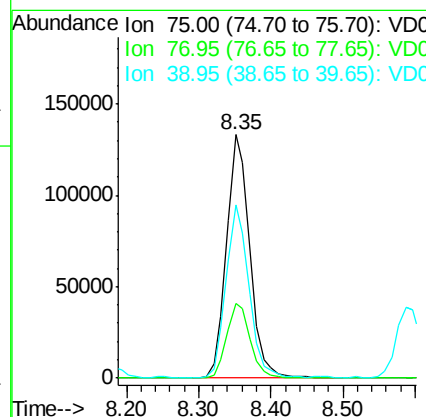
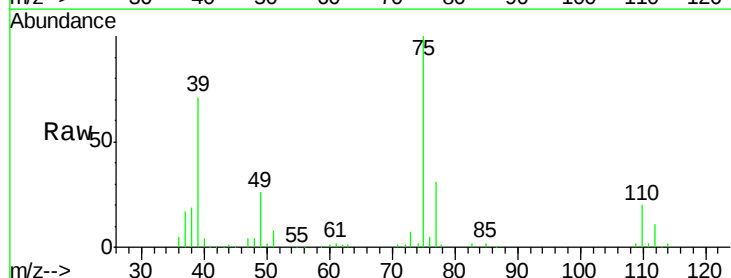
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

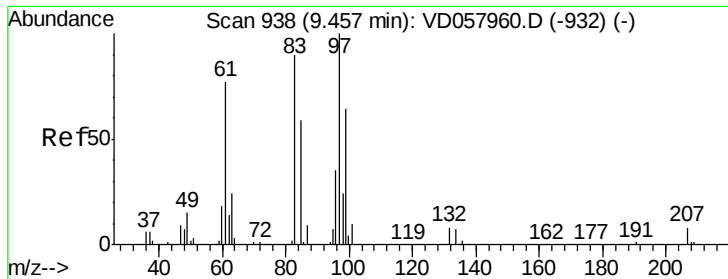
Tgt Ion: 75 Resp: 256605
Ion Ratio Lower Upper
75 100
77 28.5 24.3 36.5



#54
cis-1,3-Dichloropropene
Concen: 20.642 ug/l
RT: 8.35 min Scan# 825
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 75 Resp: 296707
Ion Ratio Lower Upper
75 100
77 30.6 24.1 36.1
39 71.3 54.0 81.0





#55

1,1,2-Trichloroethane

Concen: 20.543 ug/l

RT: 9.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

Tgt Ion: 97 Resp: 129257

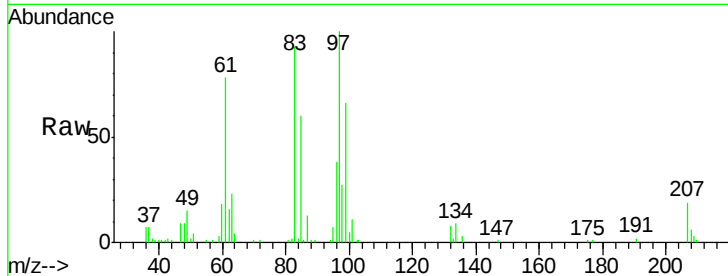
Ion Ratio Lower Upper

97 100

83 93.4 71.8 107.8

85 60.4 47.2 70.8

99 66.3 51.4 77.0

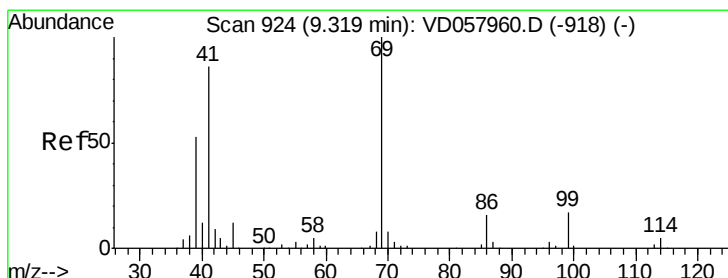
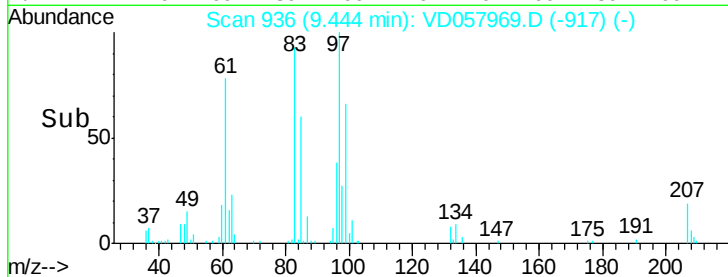
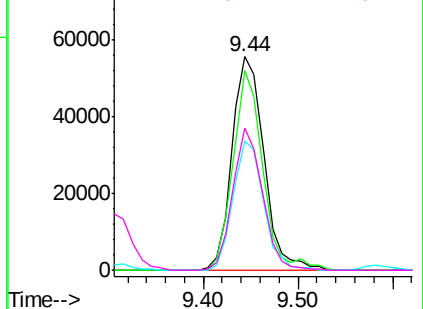


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 21.010 ug/l

RT: 9.31 min Scan# 922

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

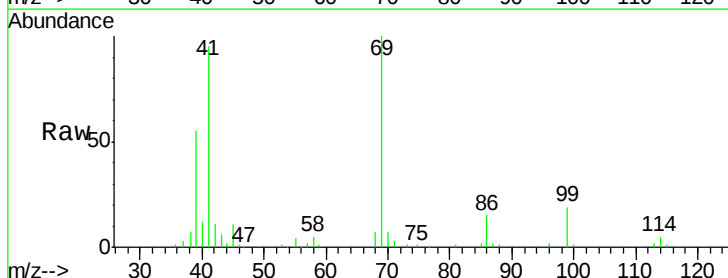
Tgt Ion: 69 Resp: 162158

Ion Ratio Lower Upper

69 100

41 95.1 68.4 102.6

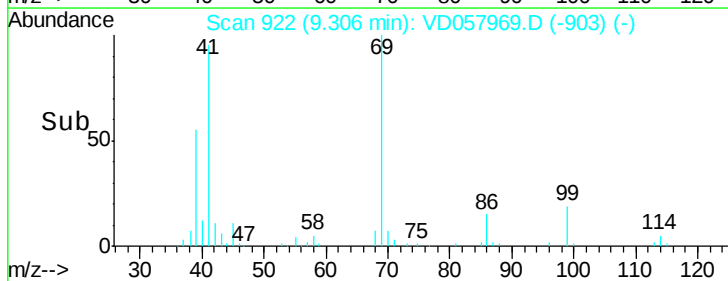
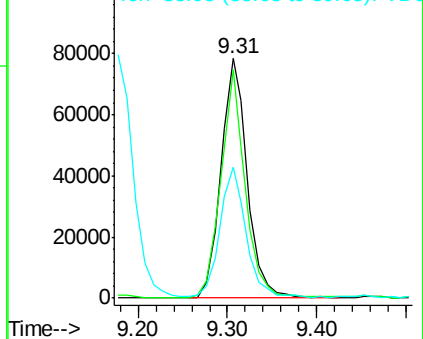
39 54.7 43.0 64.4

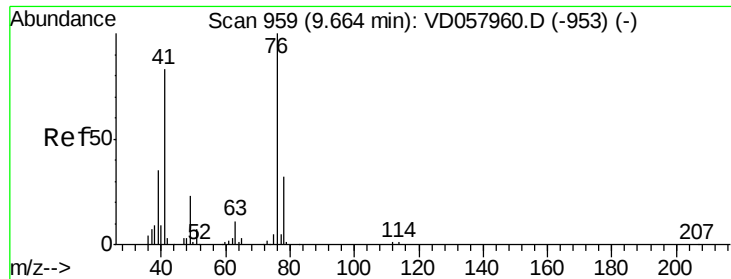


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 20.584 ug/l

RT: 9.66 min Scan# 958

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

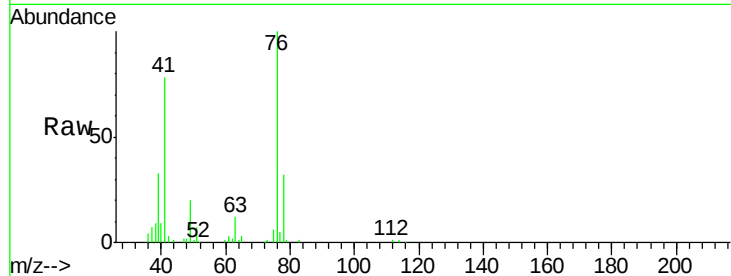
VD0607SBSD01

Tgt Ion: 76 Resp: 227153

Ion Ratio Lower Upper

76 100

78 32.2 25.4 38.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

9.66

120000

100000

80000

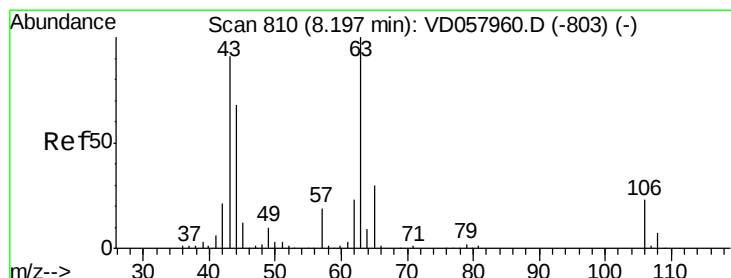
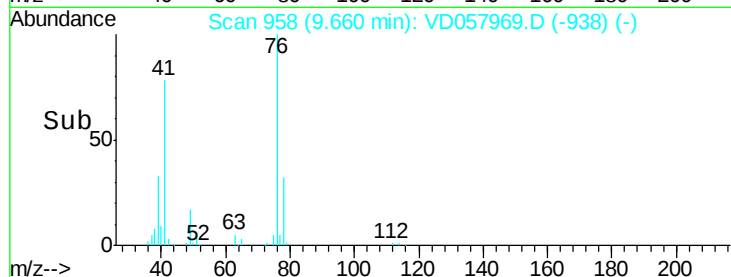
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 107.026 ug/l

RT: 8.18 min Scan# 808

Delta R.T. -0.01 min

Lab File: VD057969.D

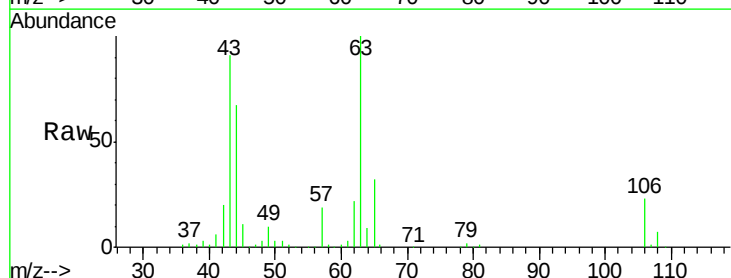
Acq: 7 Jun 2018 14:01

Tgt Ion: 63 Resp: 417333

Ion Ratio Lower Upper

63 100

106 23.5 18.7 28.1



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

8.18

200000

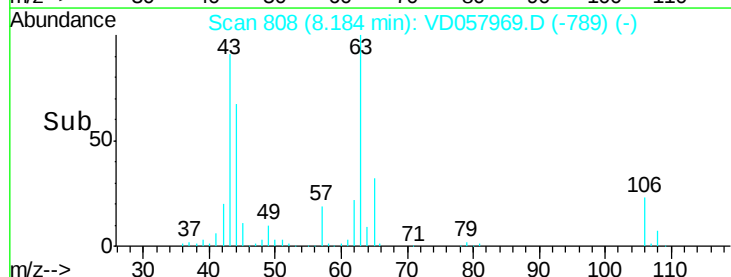
150000

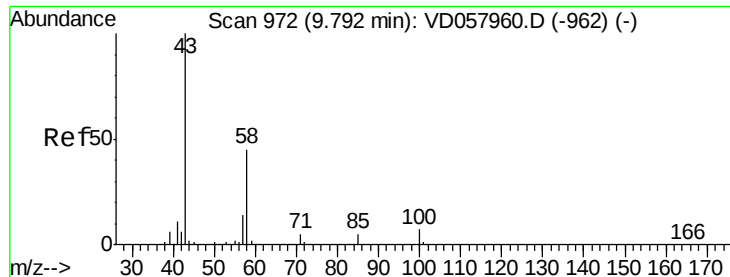
100000

50000

0

Time-->

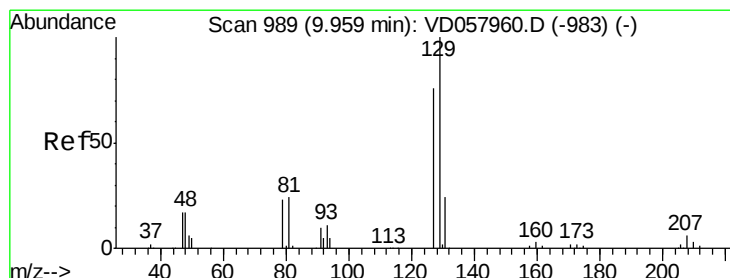
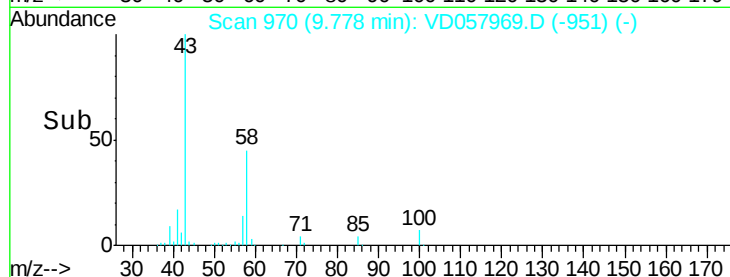
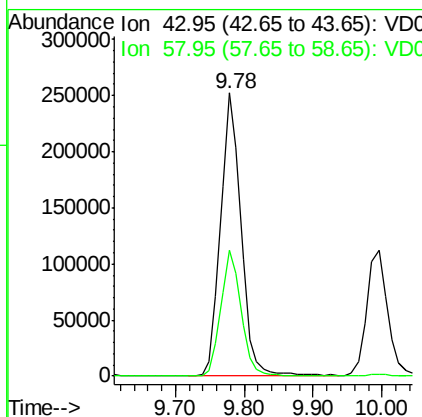
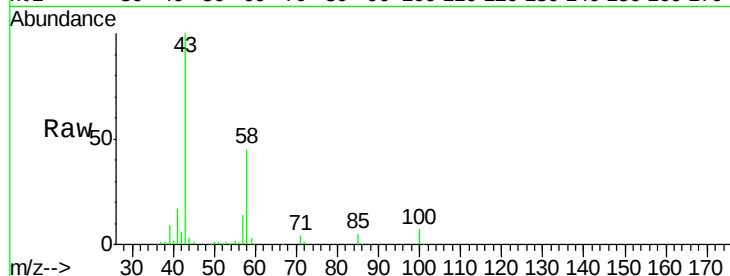




#59
2-Hexanone
Concen: 107.666 ug/l
RT: 9.78 min Scan# 970
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

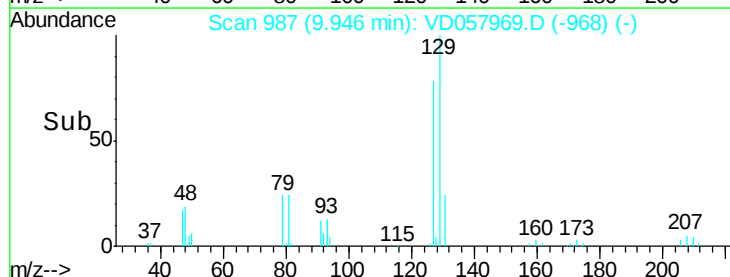
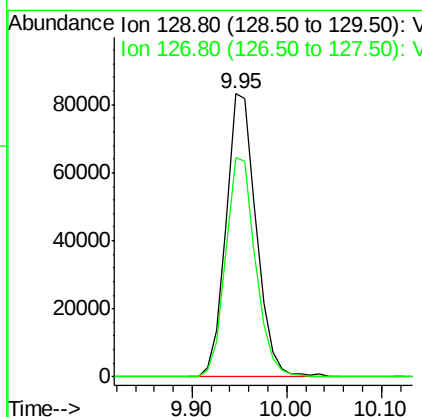
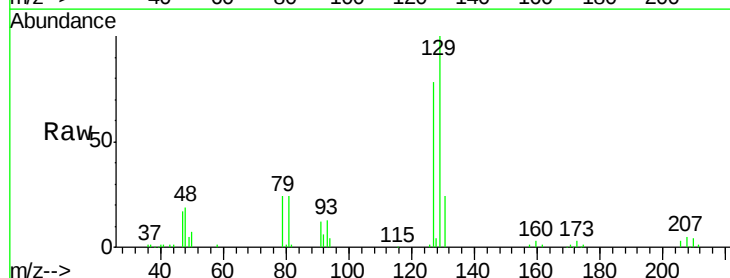
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

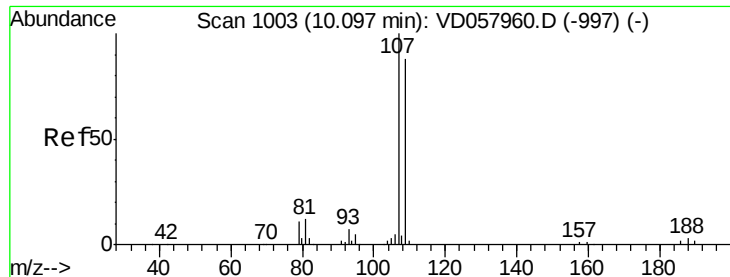
Tgt Ion: 43 Resp: 524499
Ion Ratio Lower Upper
43 100
58 44.7 22.5 67.5



#60
Dibromochloromethane
Concen: 20.735 ug/l
RT: 9.95 min Scan# 987
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion: 129 Resp: 183971
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.530 ug/l

RT: 10.08 min Scan# 1001

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

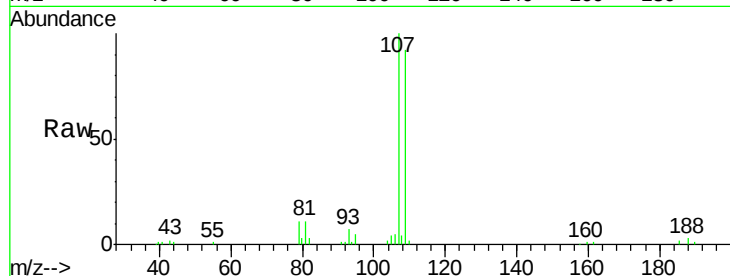
VD0607SBSD01

Tgt Ion: 107 Resp: 148553

Ion Ratio Lower Upper

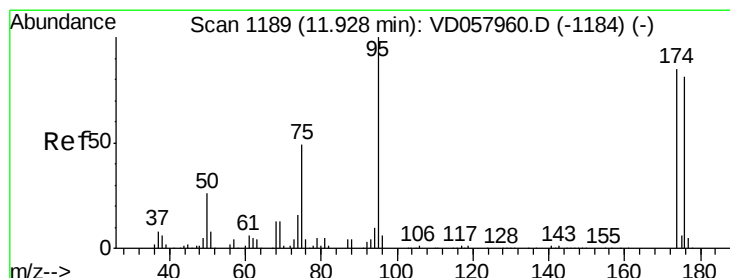
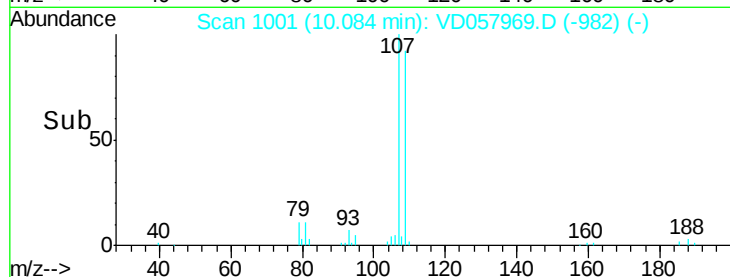
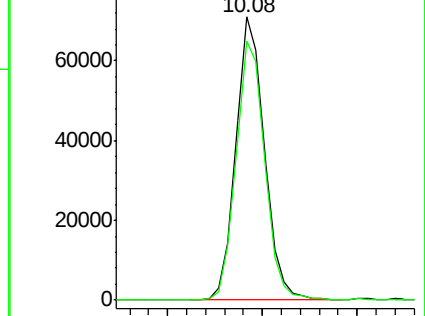
107 100

109 91.5 70.6 106.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 20.530 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

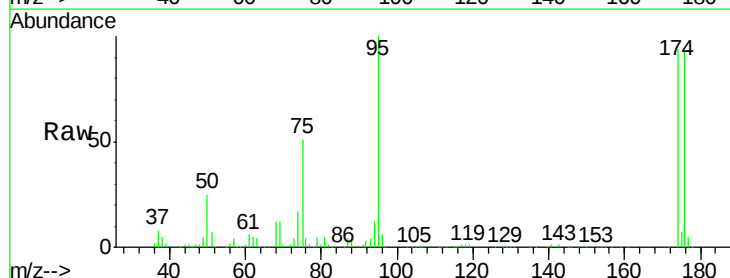
Tgt Ion: 95 Resp: 486788

Ion Ratio Lower Upper

95 100

174 94.3 0.0 169.4

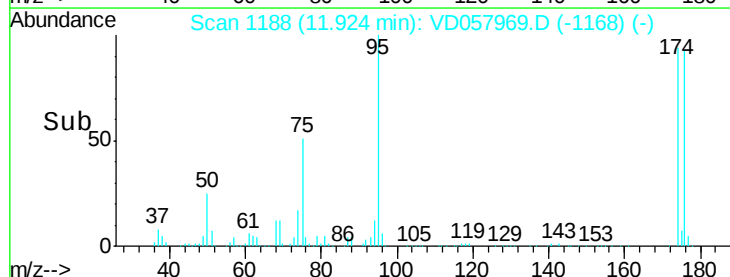
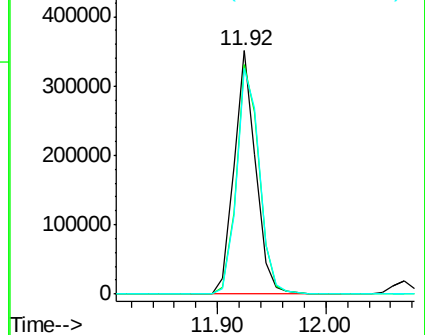
176 92.8 0.0 162.6

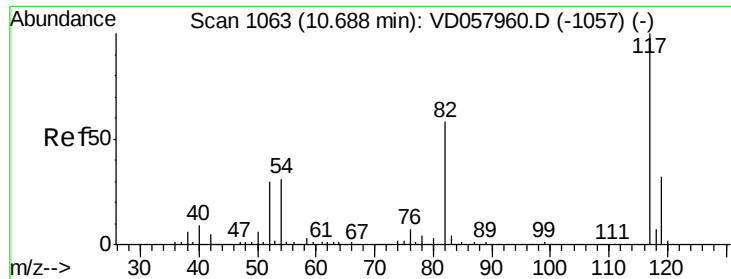


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

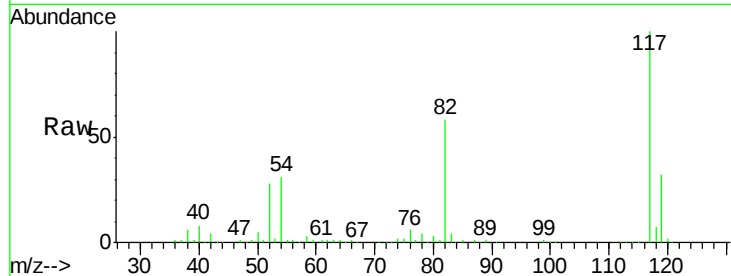




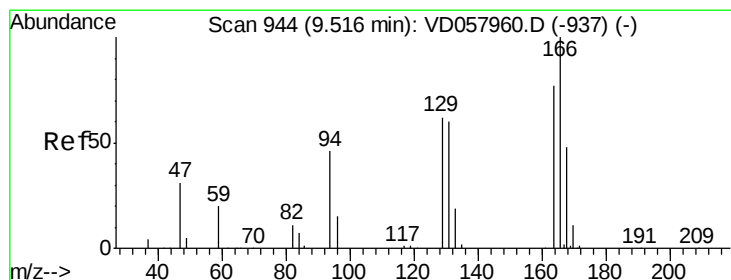
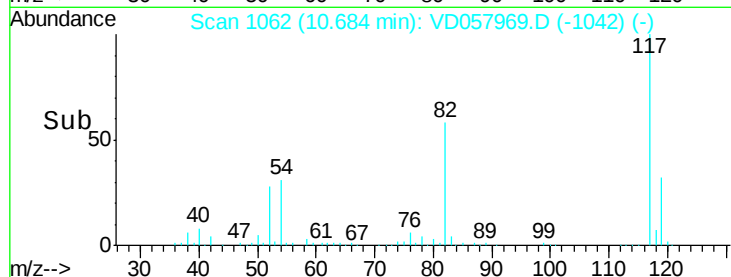
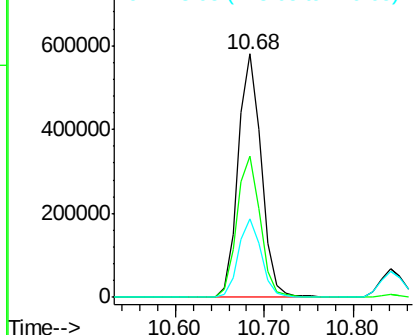
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

Tgt Ion:117 Resp: 1052672
Ion Ratio Lower Upper
117 100
82 58.1 46.8 70.2
119 32.1 25.8 38.6

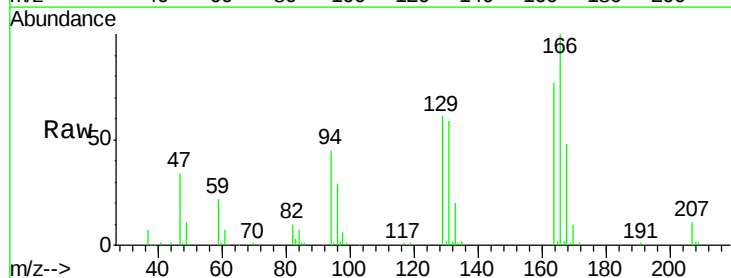


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

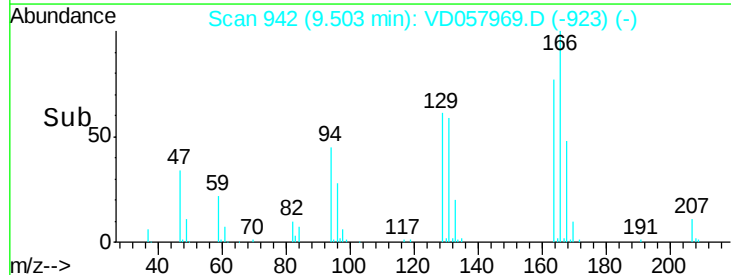
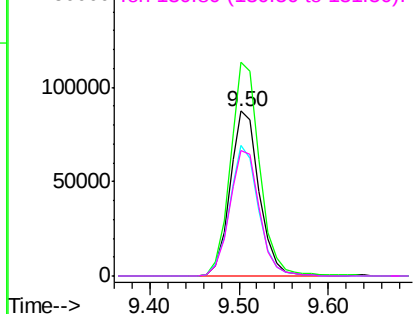


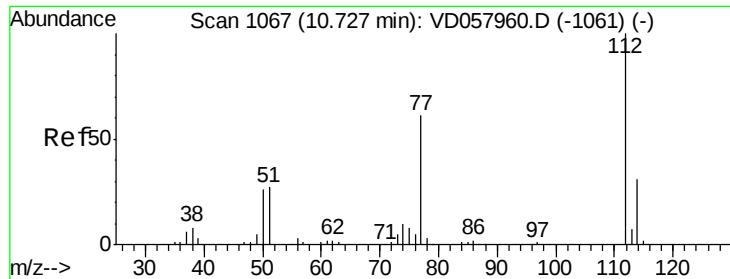
#64
Tetrachloroethene
Concen: 21.104 ug/l
RT: 9.50 min Scan# 942
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion:164 Resp: 198604
Ion Ratio Lower Upper
164 100
166 129.7 104.4 156.6
129 79.5 65.0 97.6
131 76.3 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

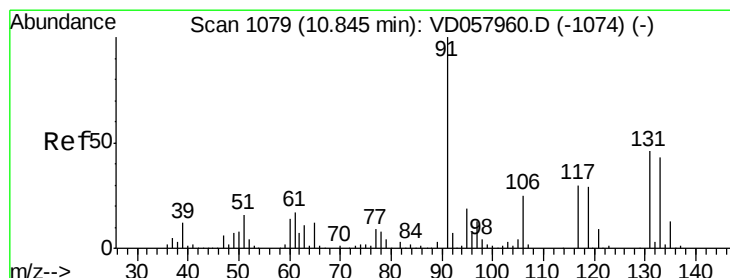
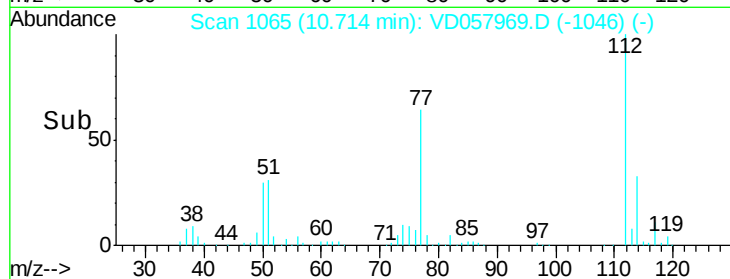
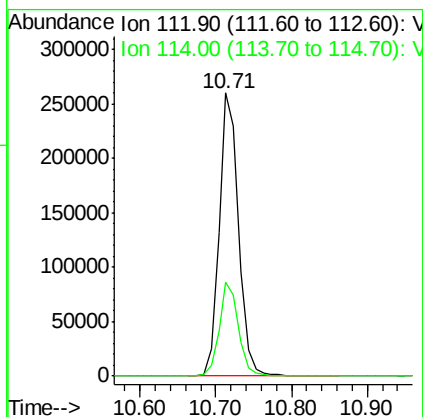
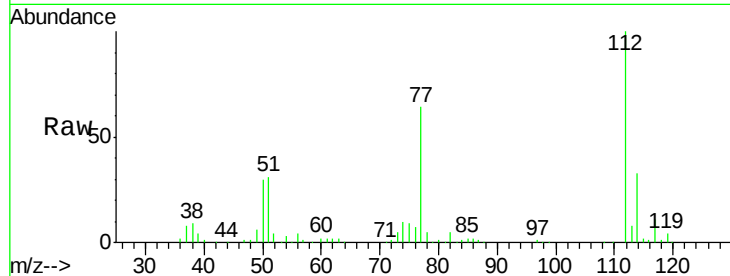




#65
Chlorobenzene
Concen: 21.744 ug/l
RT: 10.71 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

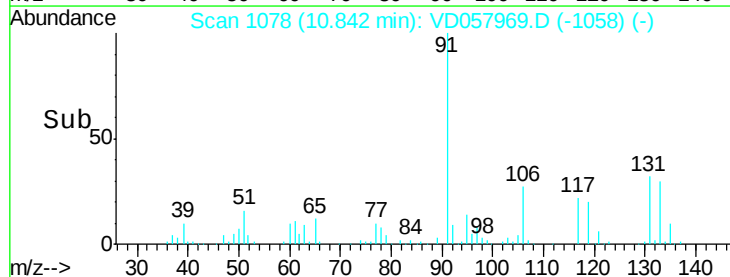
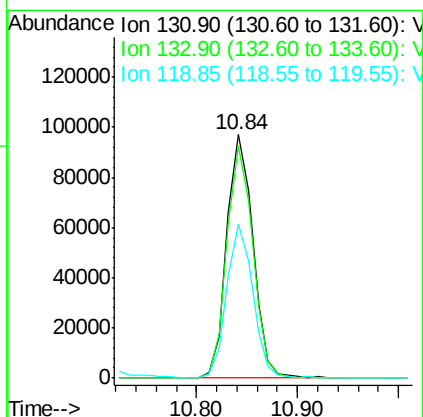
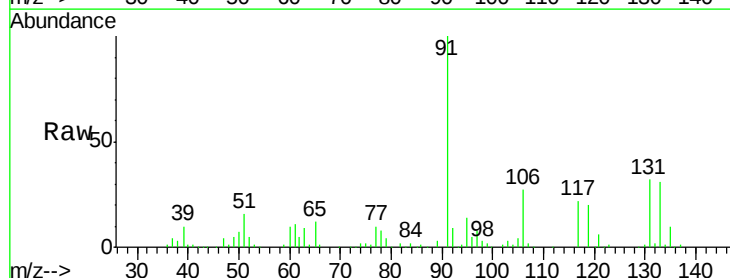
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

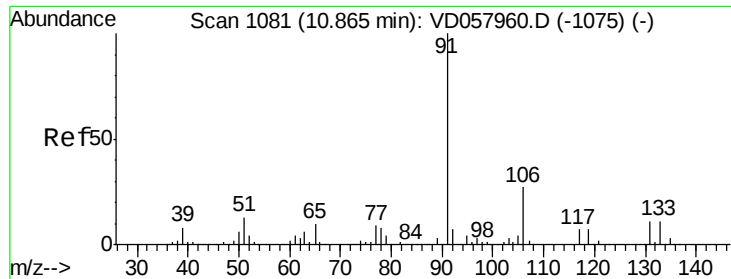
Tgt Ion:112 Resp: 463385
Ion Ratio Lower Upper
112 100
114 33.4 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.471 ug/l
RT: 10.84 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion:131 Resp: 175793
Ion Ratio Lower Upper
131 100
133 95.1 46.9 140.6
119 63.4 31.8 95.3





#67

Ethyl Benzene

Concen: 21.411 ug/l

RT: 10.85 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

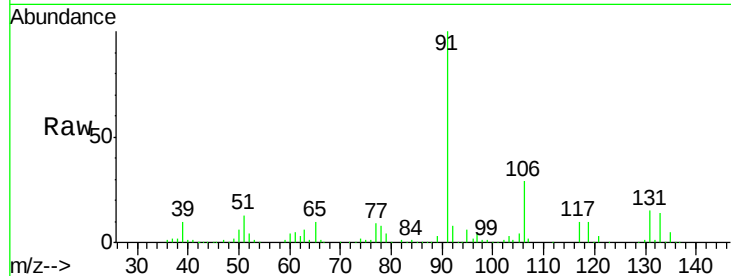
VD0607SBS01

Tgt Ion: 91 Resp: 824339

Ion Ratio Lower Upper

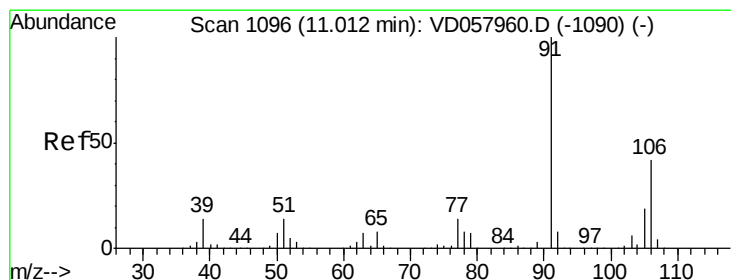
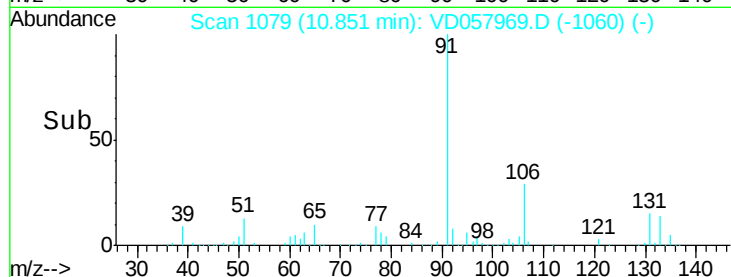
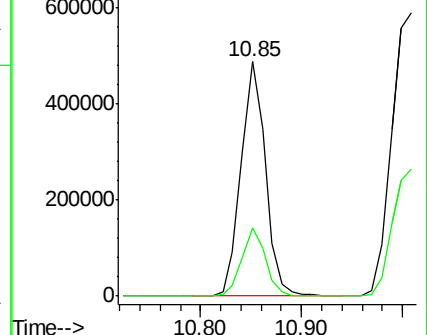
91 100

106 28.9 21.5 32.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.05 (105.75 to 106.75): V



#68

m/p-Xylenes

Concen: 45.611 ug/l

RT: 11.01 min Scan# 1095

Delta R.T. -0.00 min

Lab File: VD057969.D

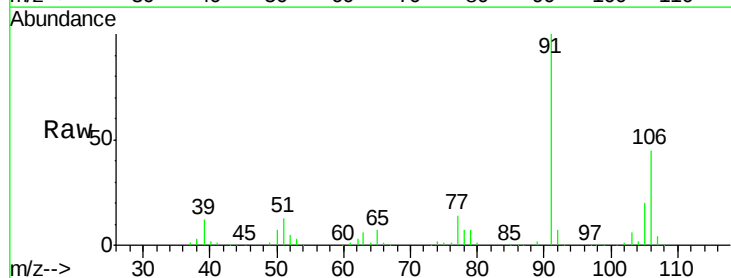
Acq: 7 Jun 2018 14:01

Tgt Ion: 106 Resp: 572465

Ion Ratio Lower Upper

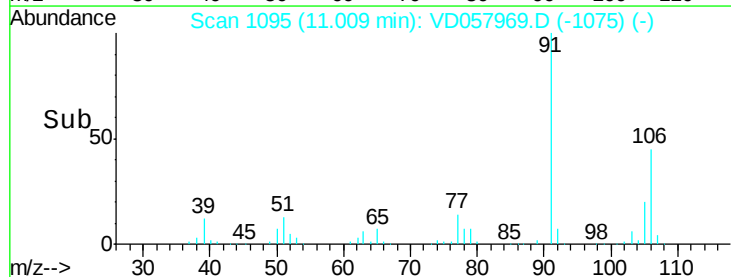
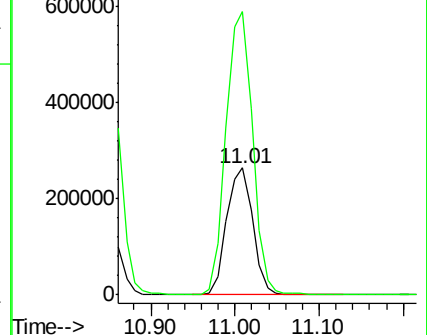
106 100

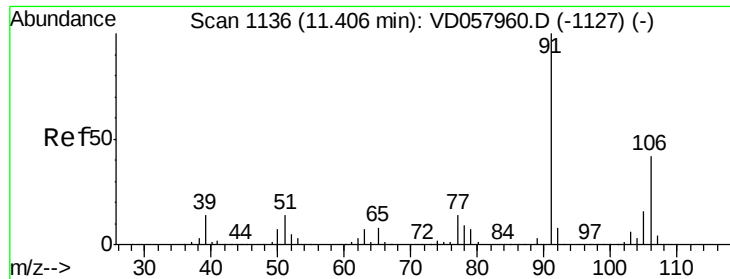
91 222.9 190.4 285.6



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): V

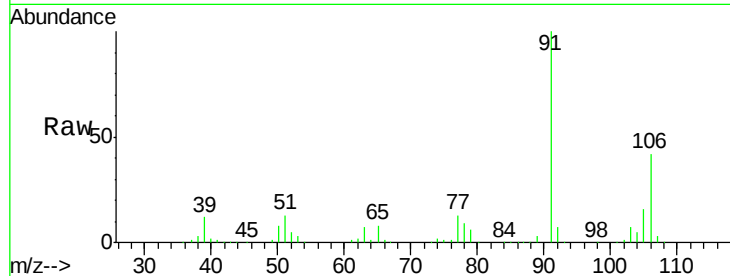




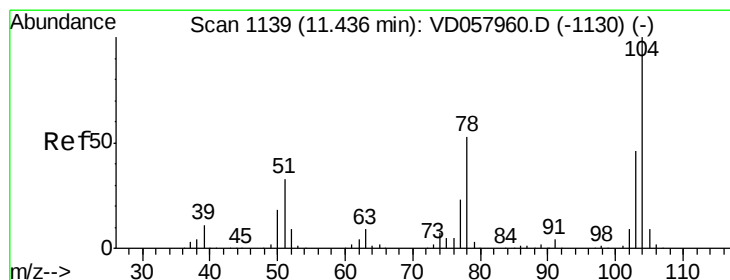
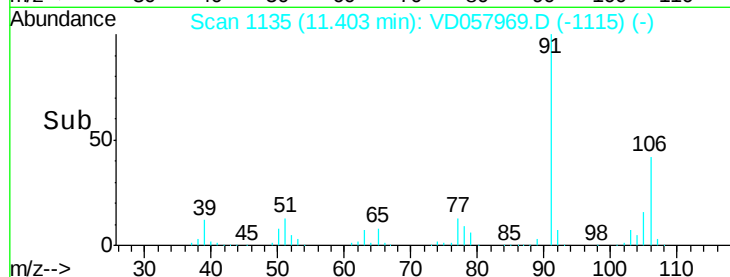
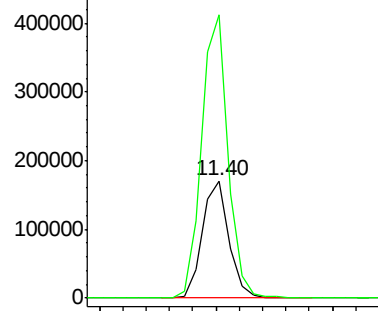
#69
o-Xylene
Concen: 21.718 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBSD01

Tgt Ion:106 Resp: 270569
Ion Ratio Lower Upper
106 100
91 240.8 120.6 361.7

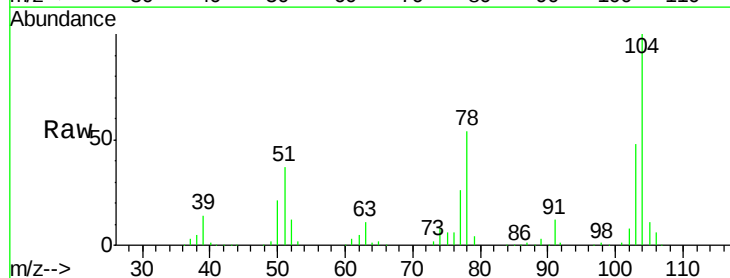


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

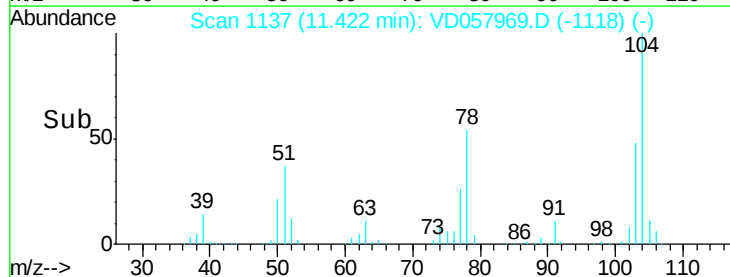
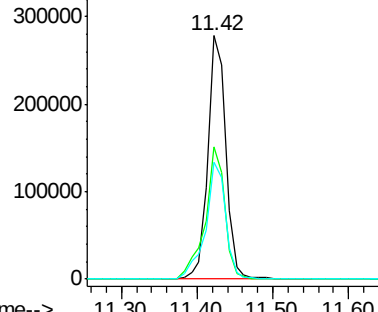


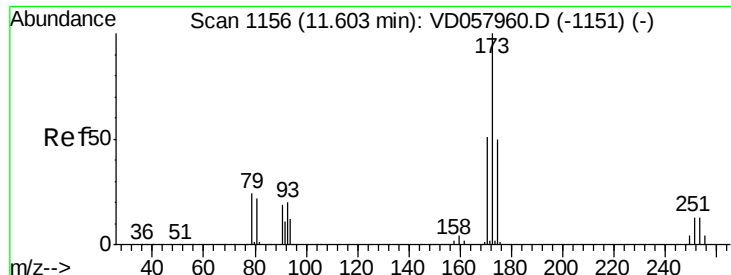
#70
Styrene
Concen: 21.804 ug/l
RT: 11.42 min Scan# 1137
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion:104 Resp: 449694
Ion Ratio Lower Upper
104 100
78 54.1 42.1 63.1
103 48.1 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

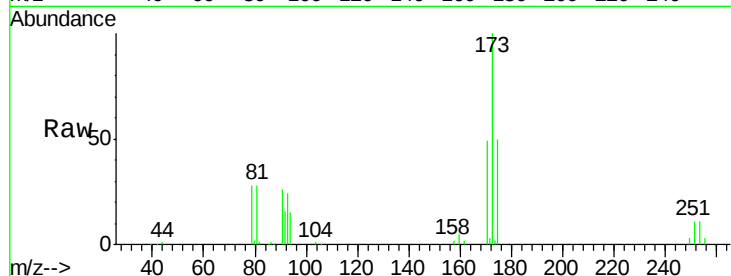




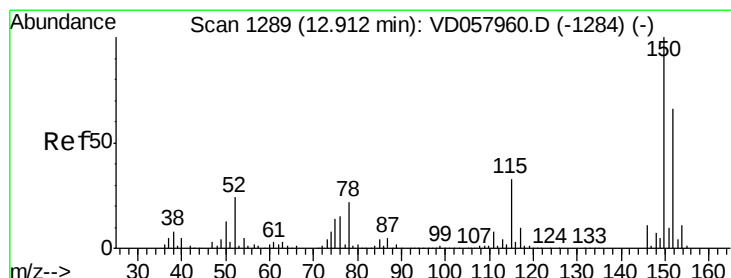
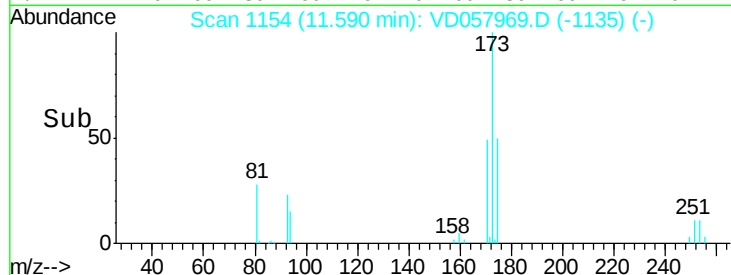
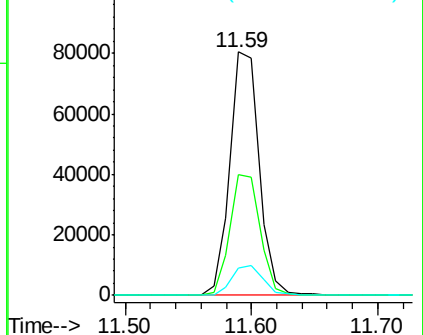
#71
Bromoform
Concen: 20.880 ug/l
RT: 11.59 min Scan# 1154
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

Tgt Ion:173 Resp: 128608
Ion Ratio Lower Upper
173 100
175 49.8 25.1 75.2
254 11.1 10.7 16.1

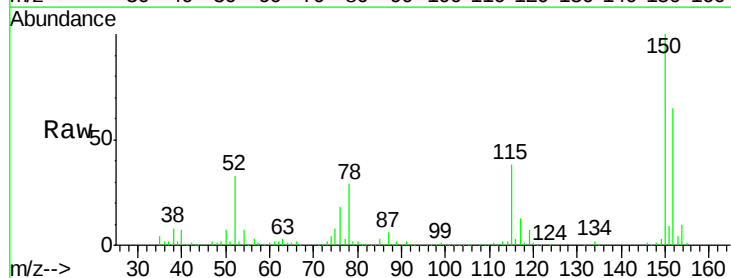


Abundance Ion 172.80 (172.50 to 173.50): V
Ion 174.80 (174.50 to 175.50): V
Ion 253.70 (253.40 to 254.40): V

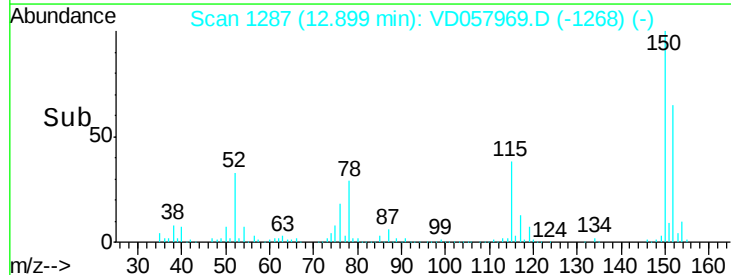
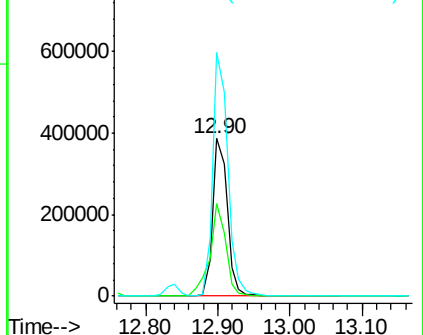


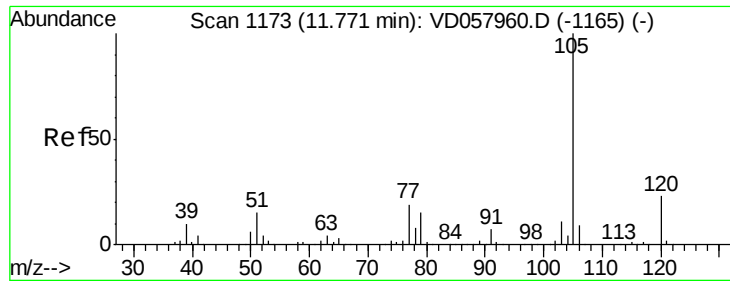
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion:152 Resp: 536713
Ion Ratio Lower Upper
152 100
115 58.8 25.6 76.6
150 154.3 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.915 ug/l

RT: 11.77 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

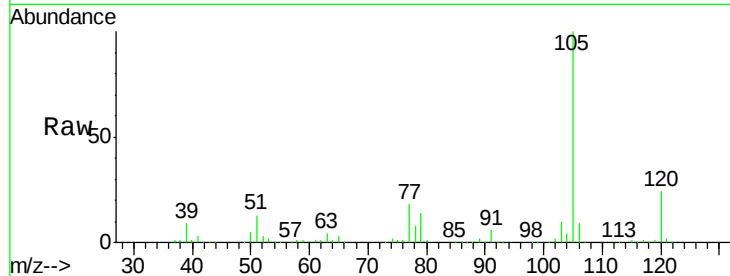
VD0607SBS01

Tgt Ion:105 Resp: 779059

Ion Ratio Lower Upper

105 100

120 23.7 11.3 33.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

600000

500000

400000

300000

200000

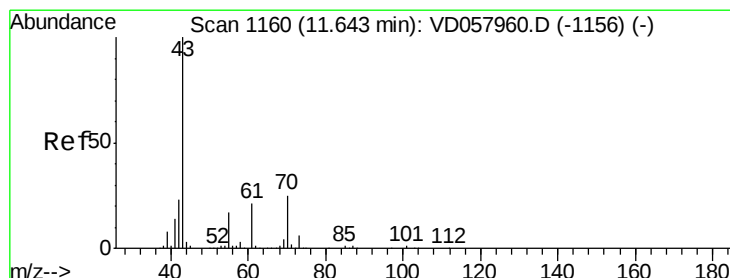
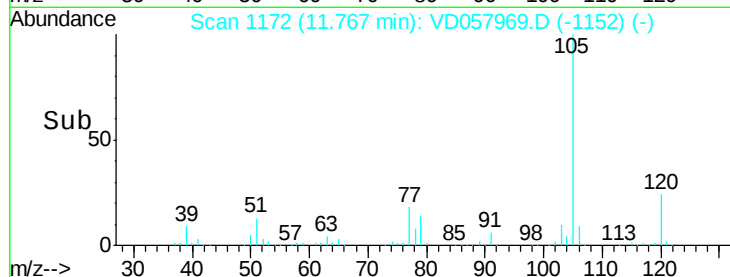
100000

0

11.77

11.70 11.80 11.90

Time-->



#74

N-ethyl acetate

Concen: 20.165 ug/l

RT: 11.64 min Scan# 1159

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Tgt Ion: 43 Resp: 276614

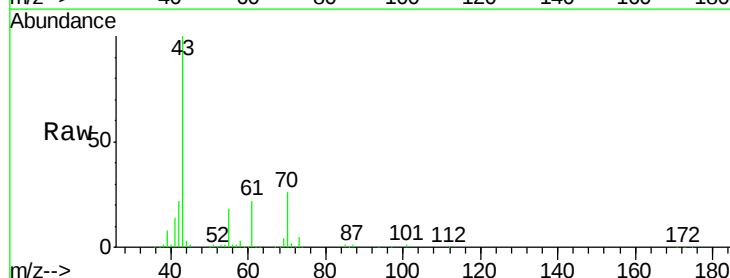
Ion Ratio Lower Upper

43 100

70 25.9 20.3 30.5

55 17.9 13.9 20.9

61 21.7 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

300000

250000

200000

150000

100000

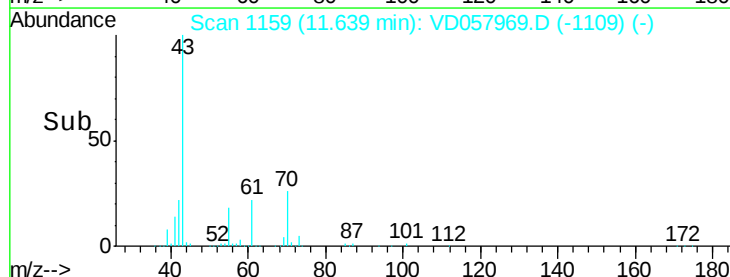
50000

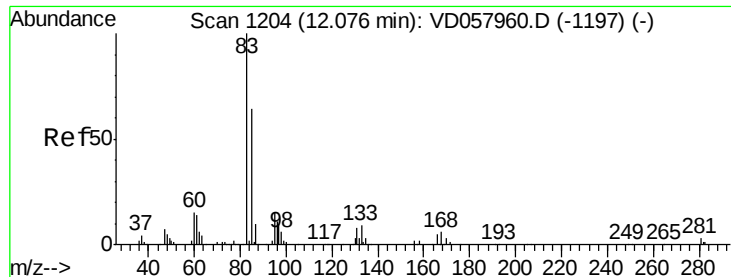
0

11.64

11.60 11.70

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.782 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

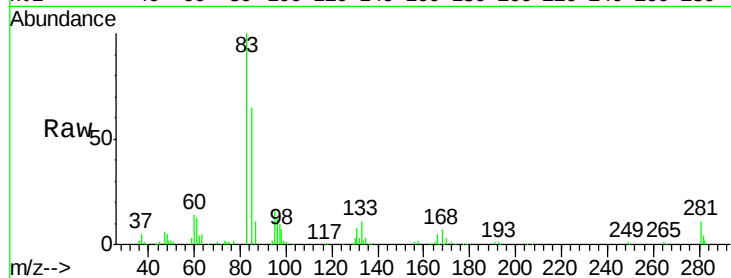
Tgt Ion: 83 Resp: 161076

Ion Ratio Lower Upper

83 100

131 8.2 4.2 12.6

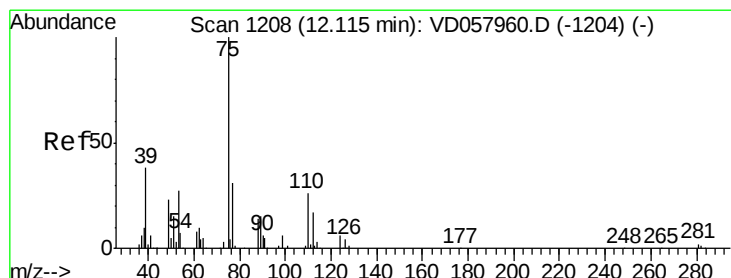
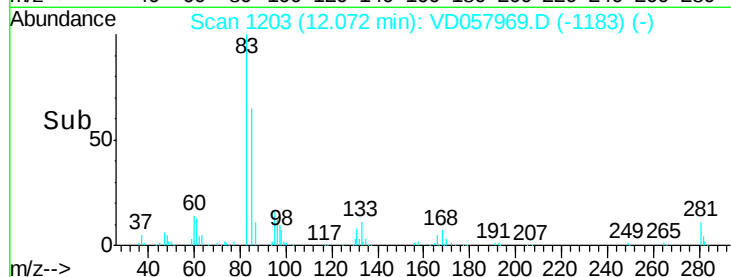
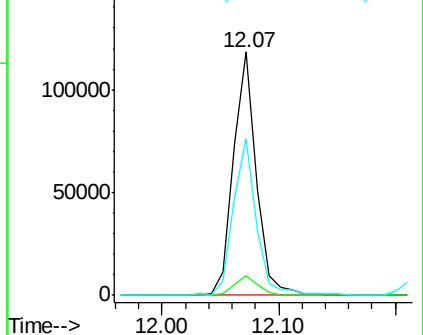
85 64.5 31.9 95.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.006 ug/l

RT: 12.10 min Scan# 1206

Delta R.T. -0.01 min

Lab File: VD057969.D

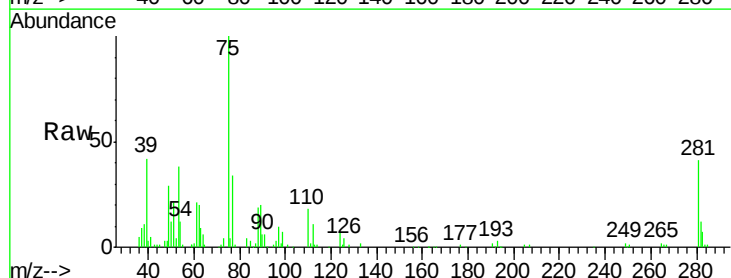
Acq: 7 Jun 2018 14:01

Tgt Ion: 75 Resp: 169352

Ion Ratio Lower Upper

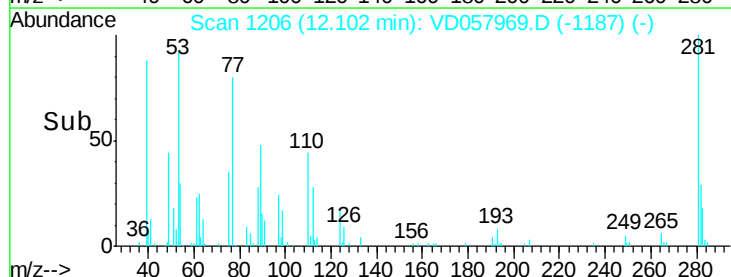
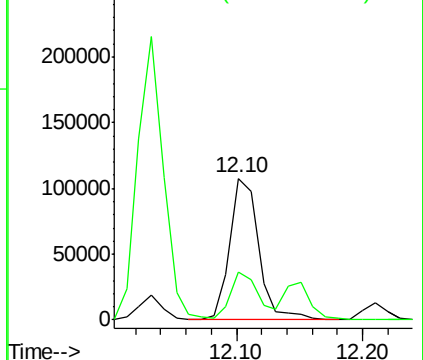
75 100

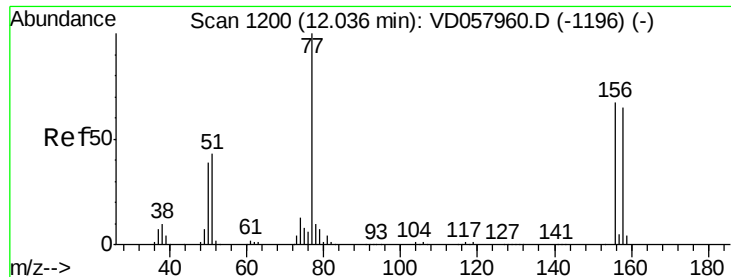
77 33.9 16.7 50.1



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.351 ug/l

RT: 12.03 min Scan# 1199

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBSD01

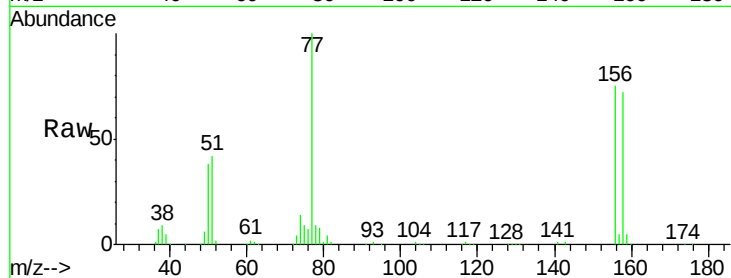
Tgt Ion:156 Resp: 224667

Ion Ratio Lower Upper

156 100

77 132.7 75.0 224.8

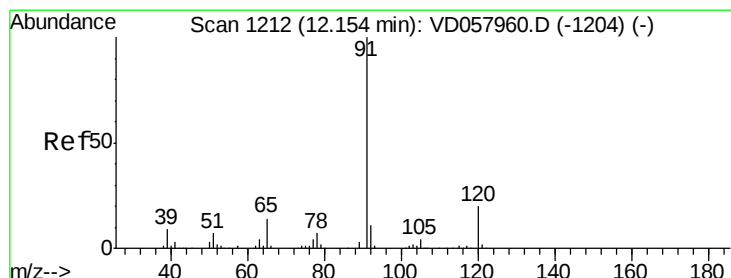
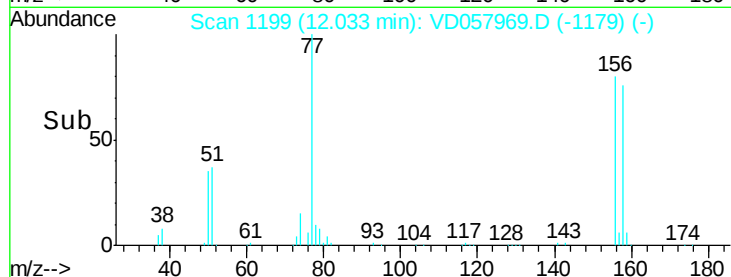
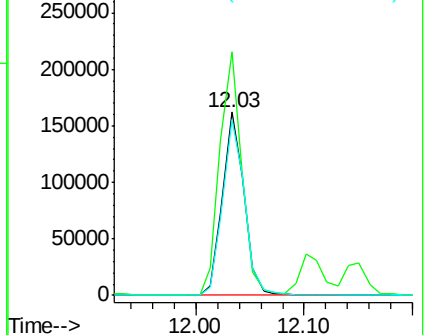
158 95.7 48.6 145.9



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.333 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VD057969.D

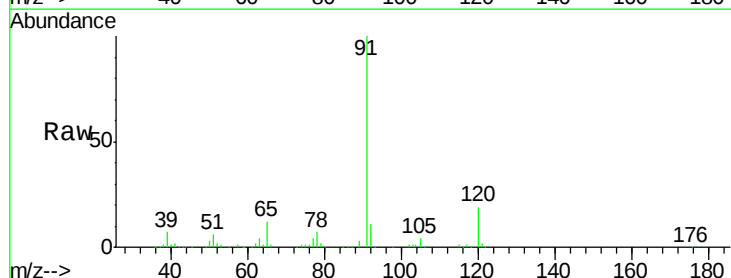
Acq: 7 Jun 2018 14:01

Tgt Ion: 91 Resp: 986821

Ion Ratio Lower Upper

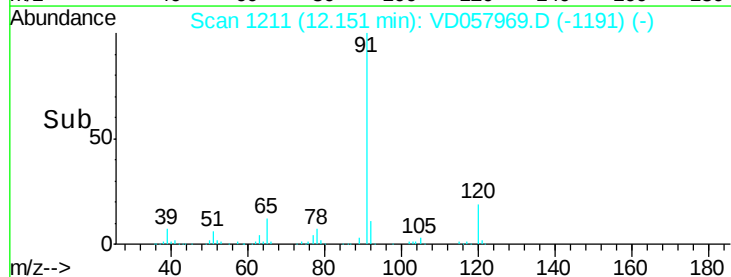
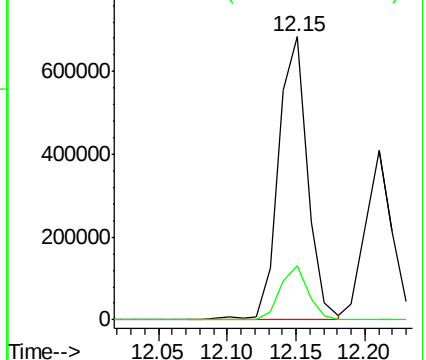
91 100

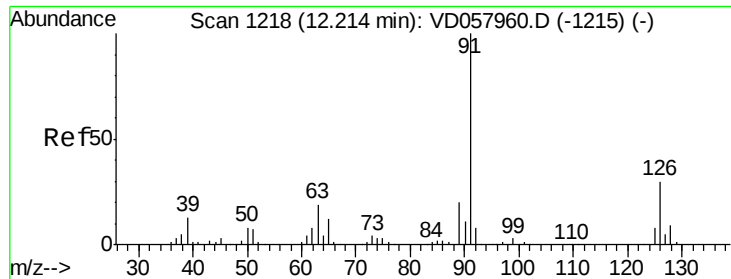
120 19.3 9.8 29.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.05 (119.75 to 120.75): V

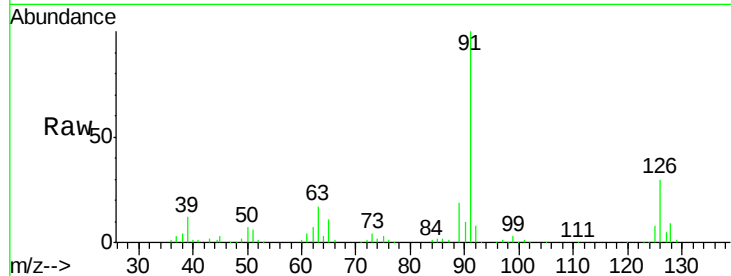




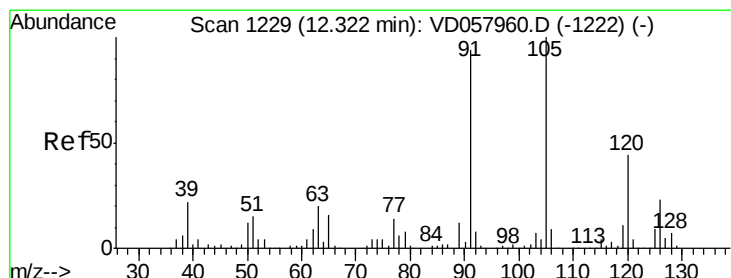
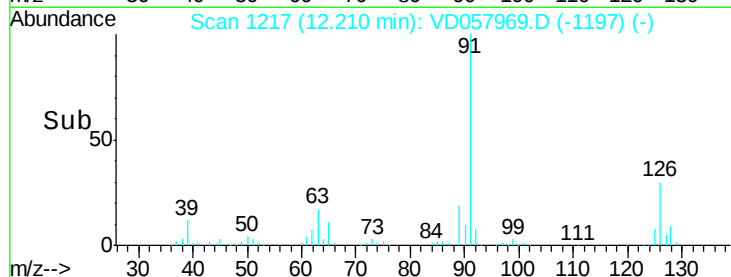
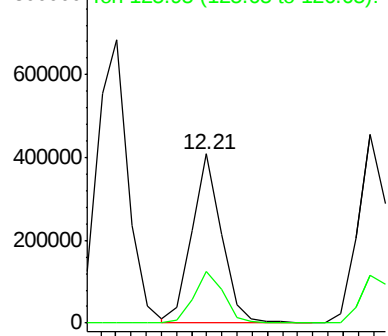
#79
 2-Chlorotoluene
 Concen: 21.115 ug/l
 RT: 12.21 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

Tgt Ion: 91 Resp: 557220
 Ion Ratio Lower Upper
 91 100
 126 30.3 14.6 44.0

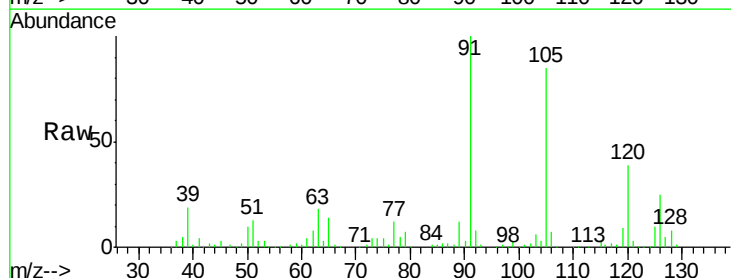


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

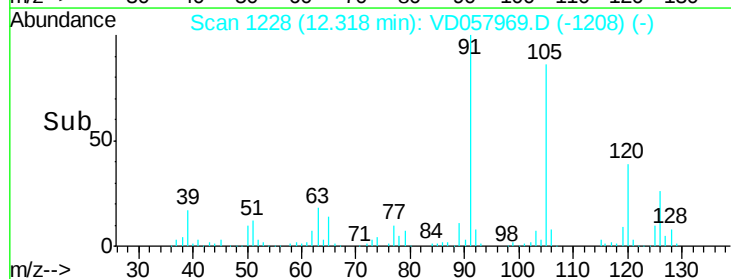
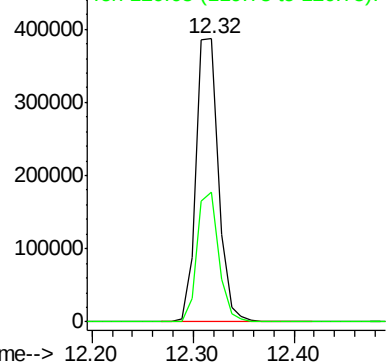


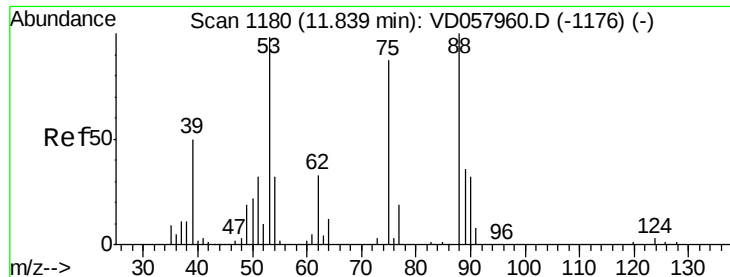
#80
 1,3,5-Trimethylbenzene
 Concen: 21.602 ug/l
 RT: 12.32 min Scan# 1228
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion: 105 Resp: 598883
 Ion Ratio Lower Upper
 105 100
 120 45.8 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: 21.570 ug/l

RT: 11.84 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

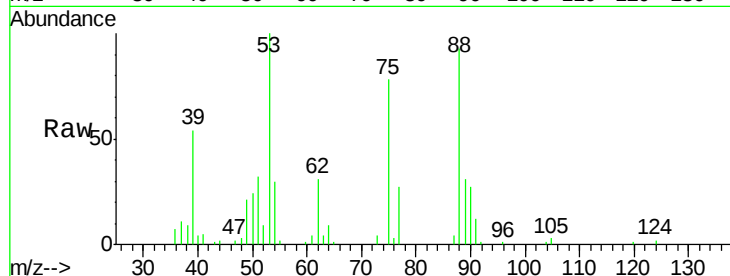
Tgt Ion: 75 Resp: 43073

Ion Ratio Lower Upper

75 100

53 128.2 89.3 133.9

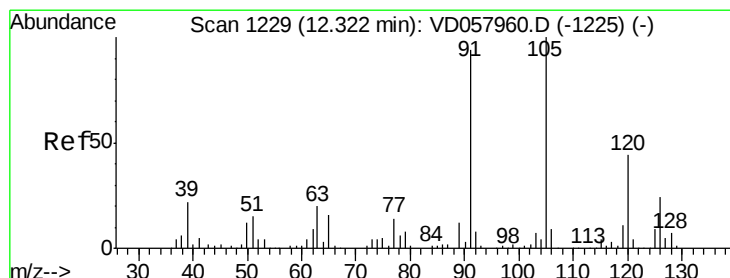
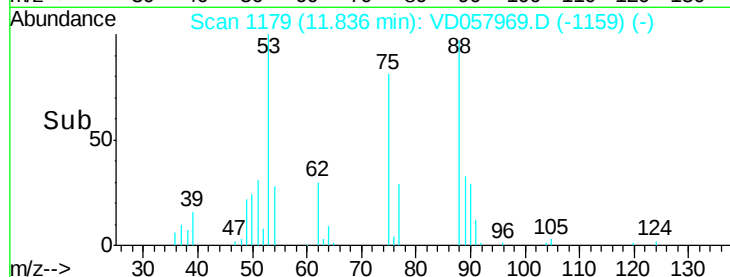
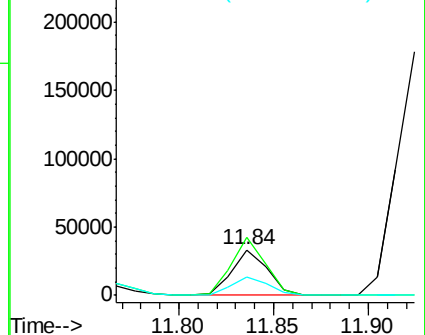
89 40.0 33.3 49.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.703 ug/l

RT: 12.32 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VD057969.D

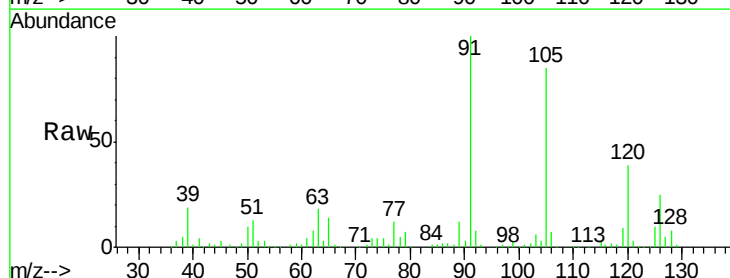
Acq: 7 Jun 2018 14:01

Tgt Ion: 91 Resp: 627237

Ion Ratio Lower Upper

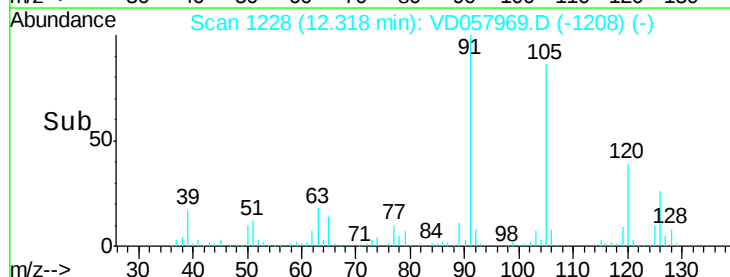
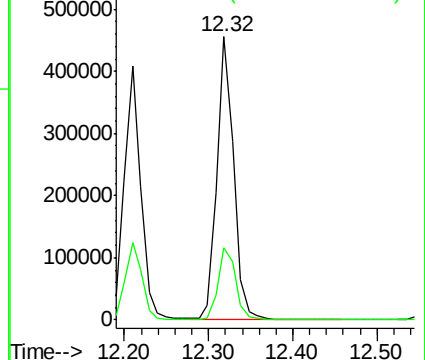
91 100

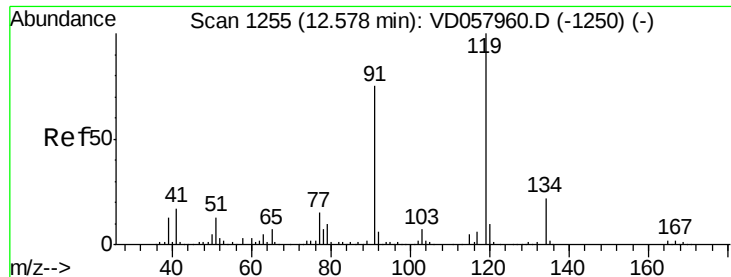
126 25.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

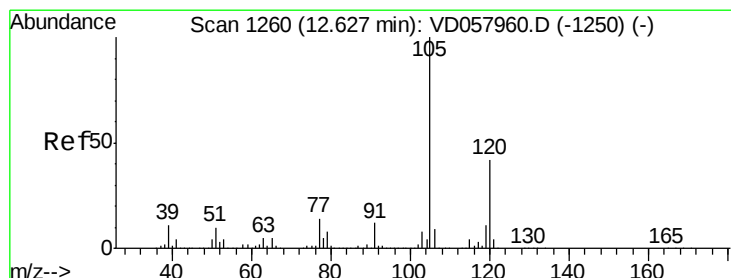
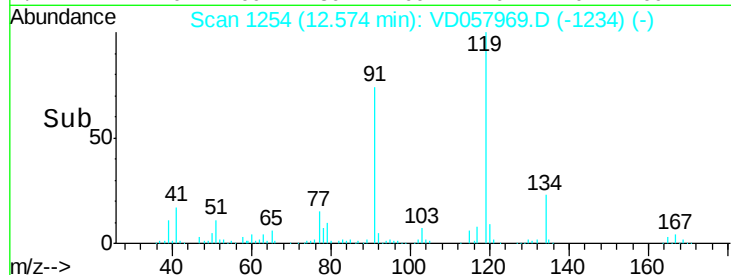
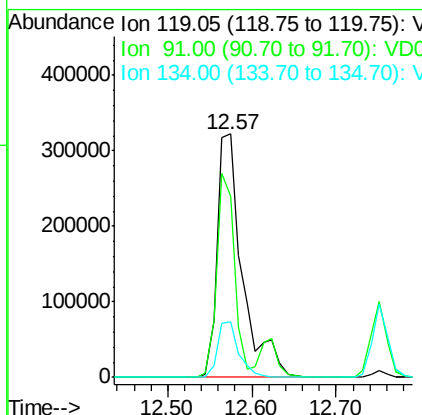
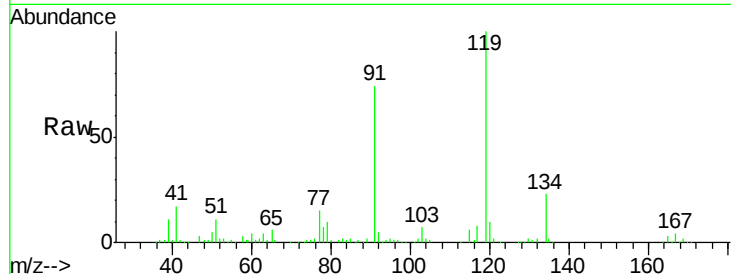




#83
 tert-Butylbenzene
 Concen: 21.448 ug/l
 RT: 12.57 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

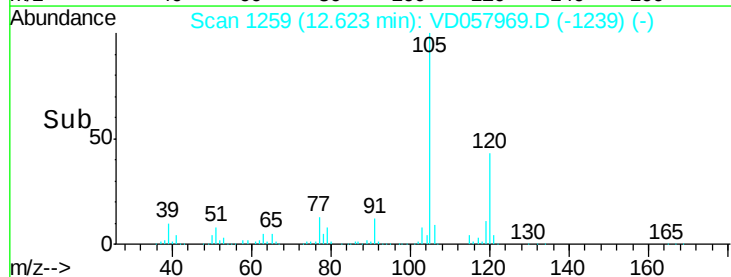
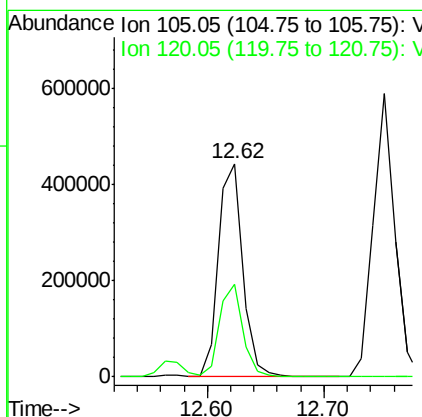
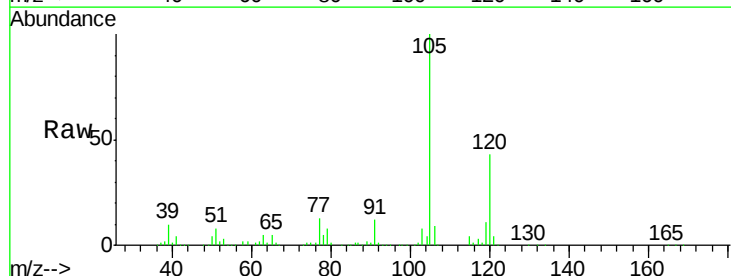
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

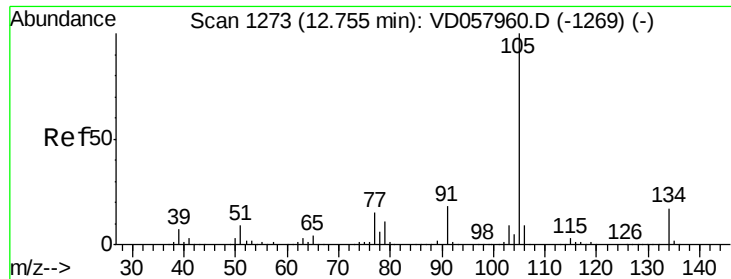
Tgt Ion:119 Resp: 671398
 Ion Ratio Lower Upper
 119 100
 91 74.3 37.6 112.9
 134 22.9 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 21.330 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion:105 Resp: 635822
 Ion Ratio Lower Upper
 105 100
 120 43.3 21.2 63.6

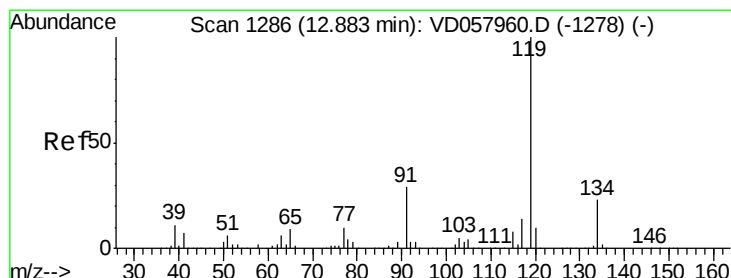
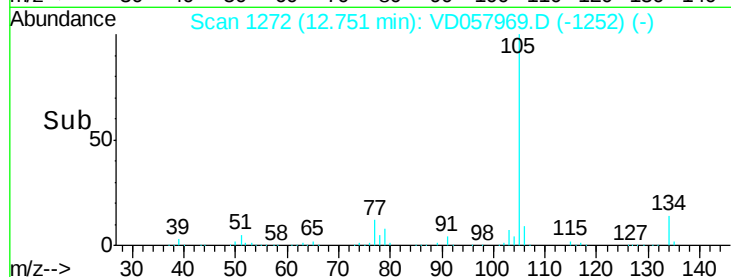
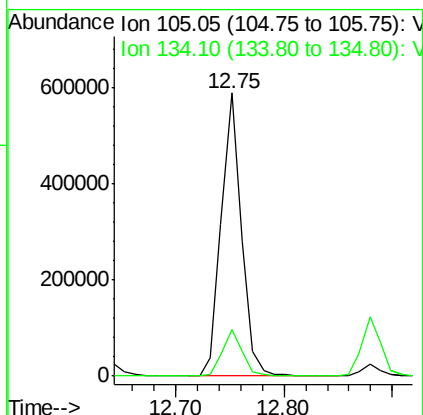
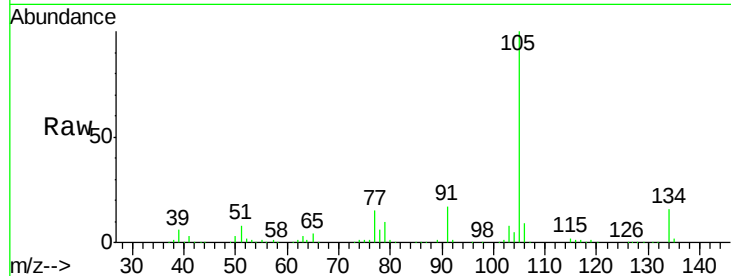




#85
 sec-Butylbenzene
 Concen: 20.229 ug/l
 RT: 12.75 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

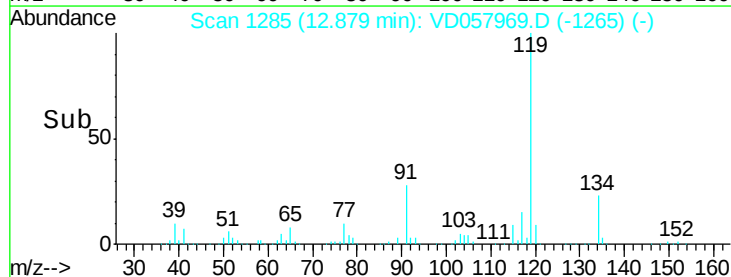
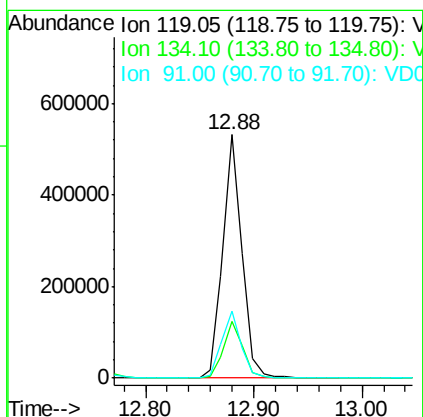
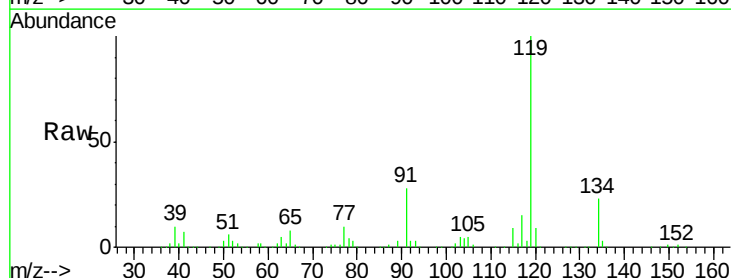
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

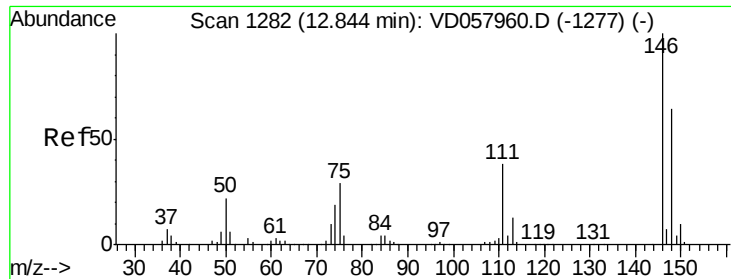
Tgt Ion:105 Resp: 764253
 Ion Ratio Lower Upper
 105 100
 134 16.5 8.3 25.1



#86
 p-Isopropyltoluene
 Concen: 21.464 ug/l
 RT: 12.88 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion:119 Resp: 653584
 Ion Ratio Lower Upper
 119 100
 134 23.4 11.5 34.4
 91 27.7 14.5 43.6

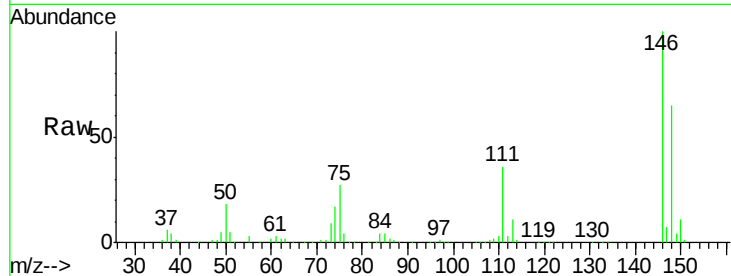




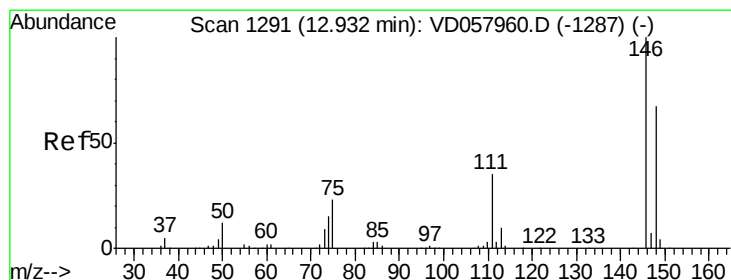
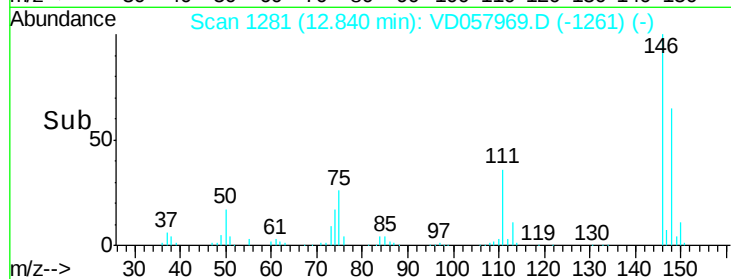
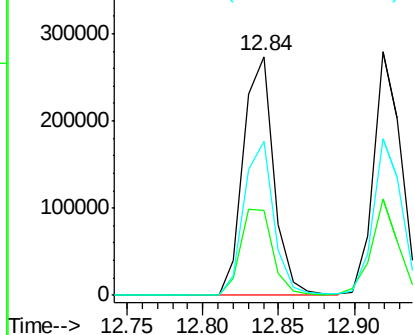
#87
 1,3-Dichlorobenzene
 Concen: 21.573 ug/l
 RT: 12.84 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

Tgt Ion:146 Resp: 383991
 Ion Ratio Lower Upper
 146 100
 111 35.5 19.1 57.3
 148 64.6 32.0 96.2

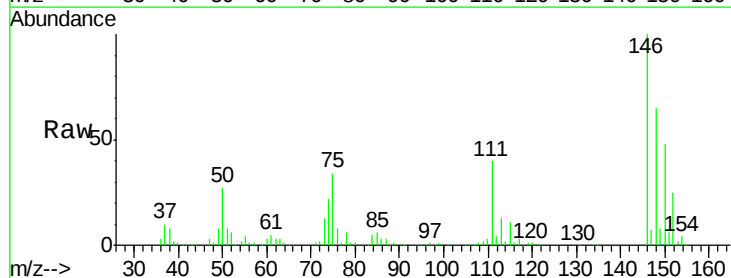


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

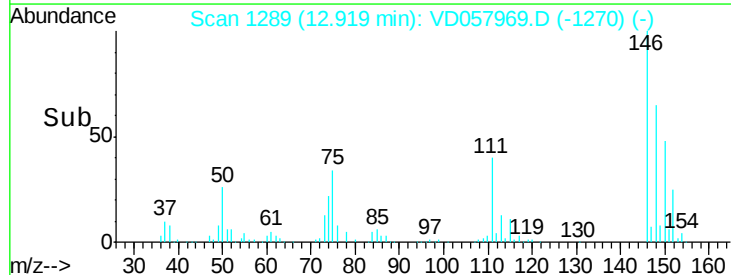
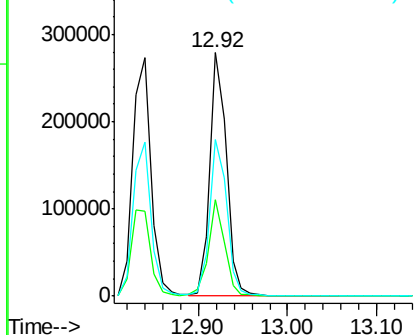


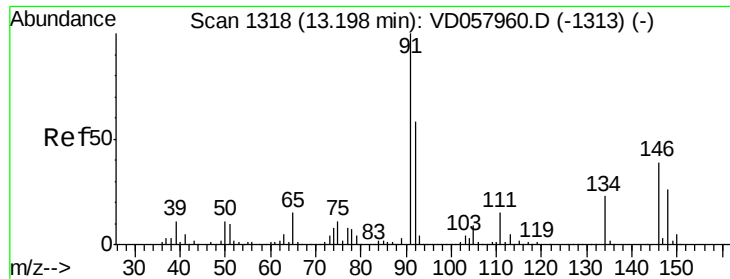
#88
 1,4-Dichlorobenzene
 Concen: 20.902 ug/l
 RT: 12.92 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion:146 Resp: 362508
 Ion Ratio Lower Upper
 146 100
 111 39.5 17.3 52.0
 148 64.5 33.4 100.2



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





#89

n-Butylbenzene

Concen: 22.044 ug/l

RT: 13.19 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD057969.D

Acq: 7 Jun 2018 14:01

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBS01

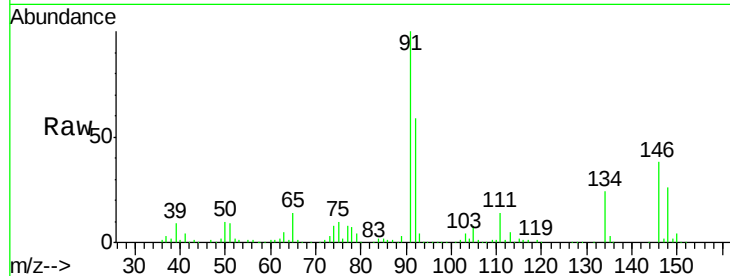
Tgt Ion: 91 Resp: 672048

Ion Ratio Lower Upper

91 100

92 58.8 29.2 87.6

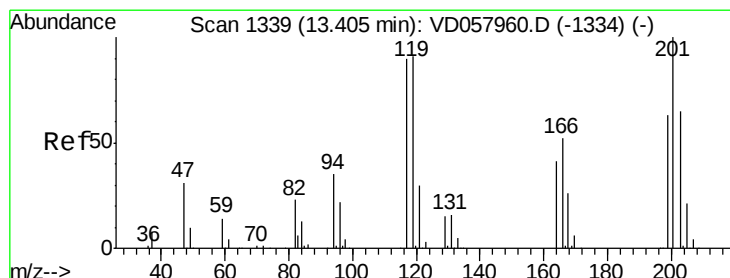
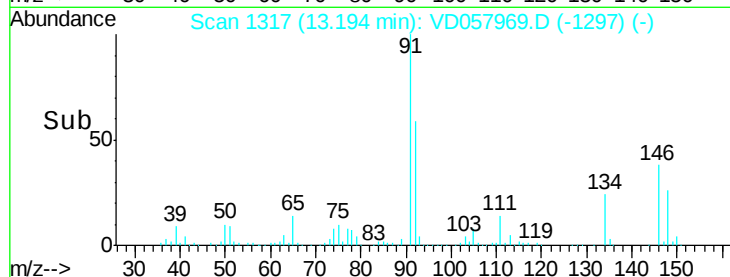
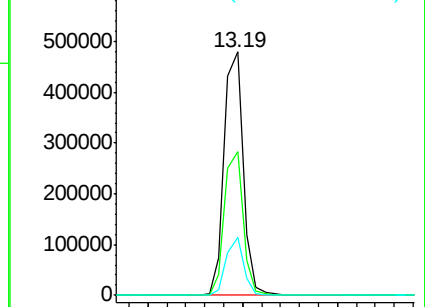
134 23.7 11.3 33.9



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): VDC



#90

Hexachloroethane

Concen: 21.362 ug/l

RT: 13.39 min Scan# 1337

Delta R.T. -0.01 min

Lab File: VD057969.D

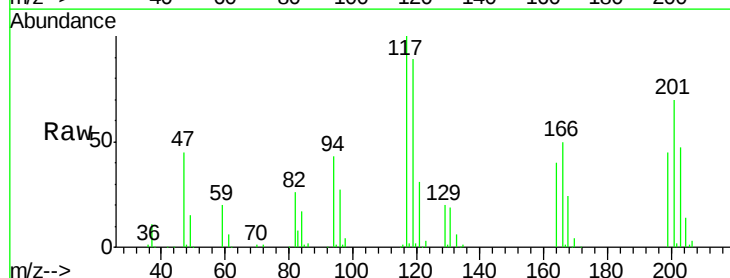
Acq: 7 Jun 2018 14:01

Tgt Ion: 117 Resp: 166020

Ion Ratio Lower Upper

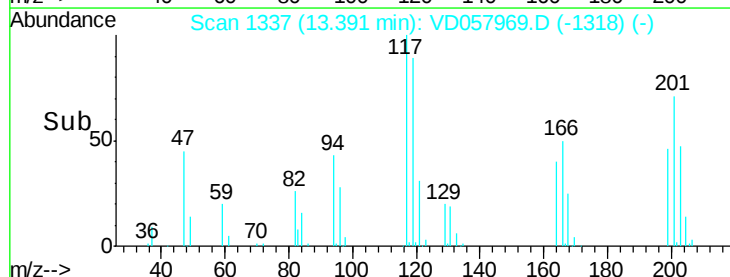
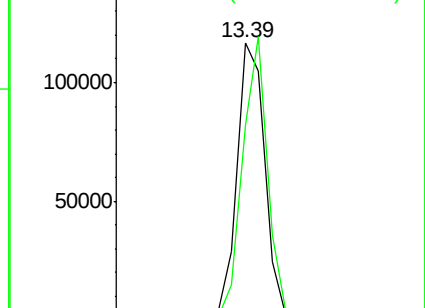
117 100

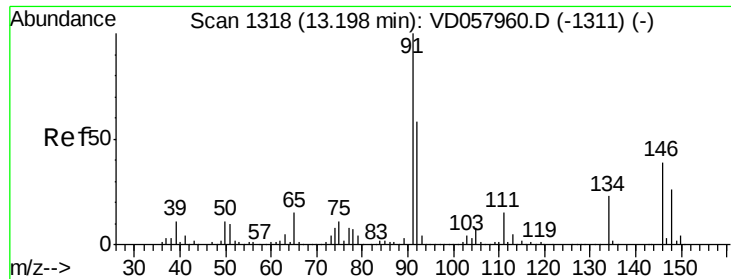
201 70.5 55.4 166.0



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC

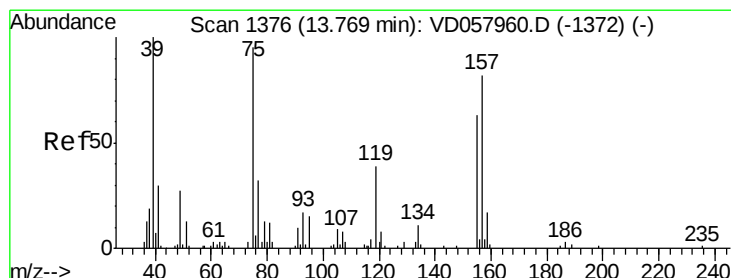
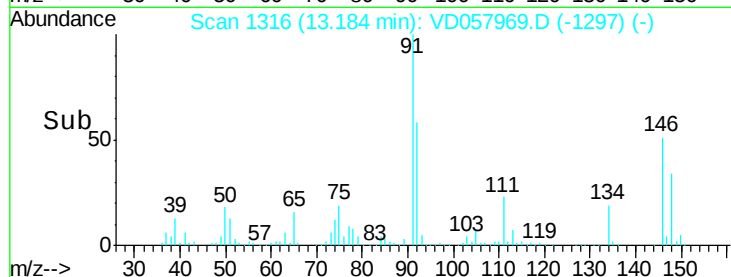
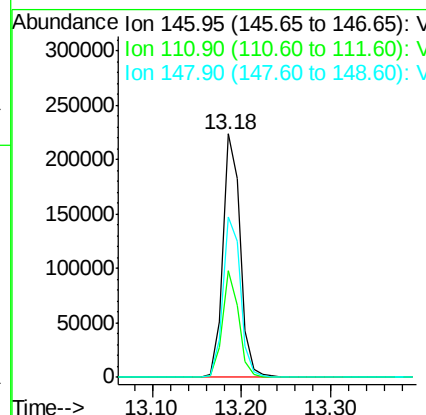
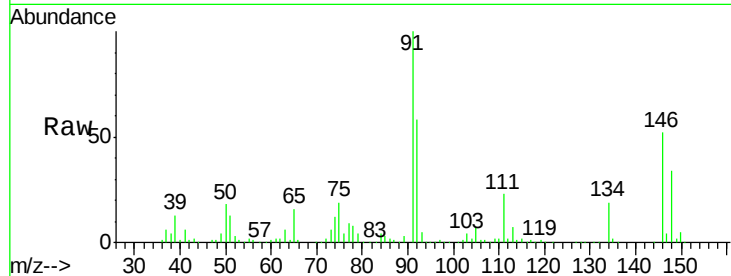




#91
 1,2-Dichlorobenzene
 Concen: 21.298 ug/l
 RT: 13.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

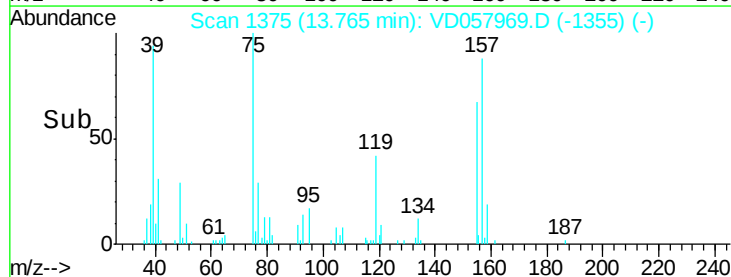
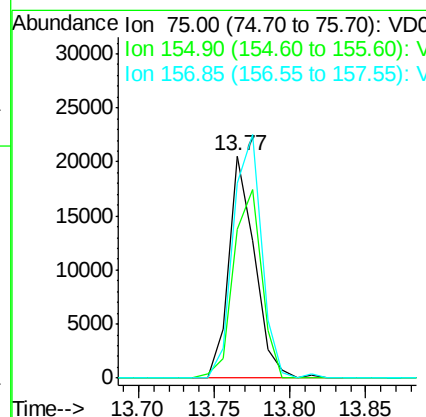
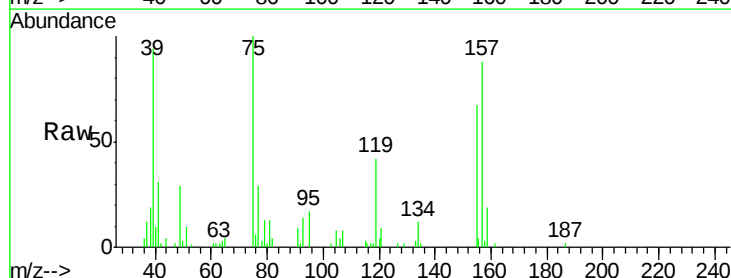
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBSD01

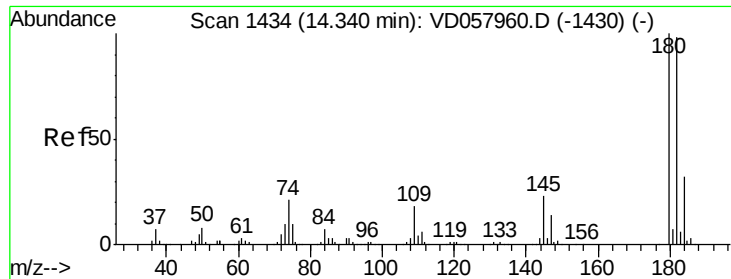
Tgt Ion:146 Resp: 306365
 Ion Ratio Lower Upper
 146 100
 111 43.8 19.4 58.2
 148 65.6 32.6 98.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.533 ug/l
 RT: 13.77 min Scan# 1375
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion: 75 Resp: 24562
 Ion Ratio Lower Upper
 75 100
 155 66.9 33.4 100.1
 157 87.9 42.9 128.5

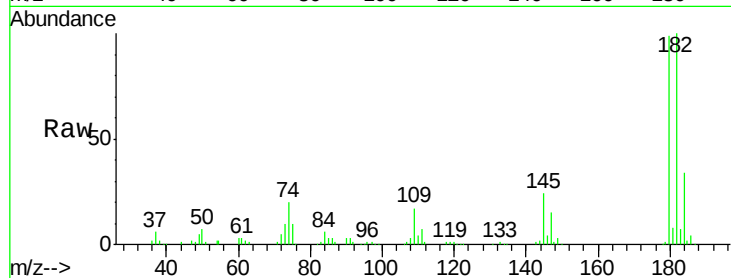




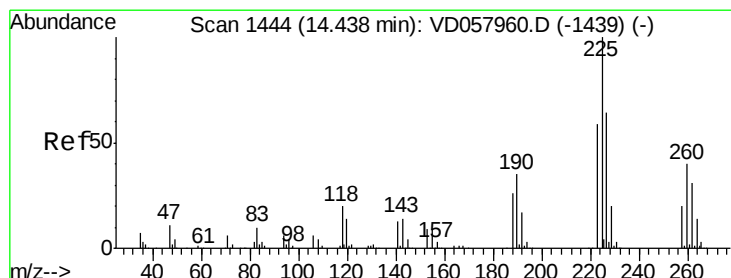
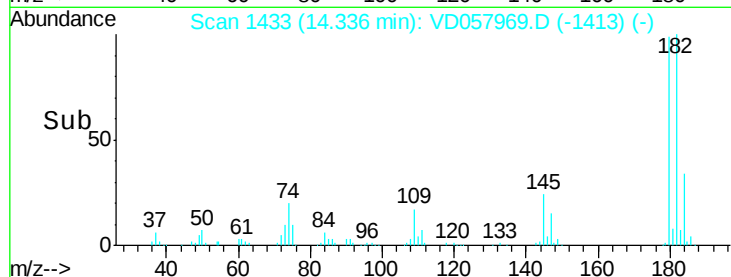
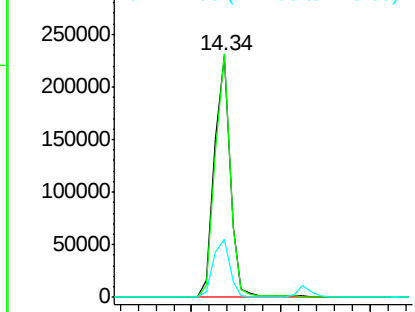
#93
 1,2,4-Trichlorobenzene
 Concen: 21.356 ug/l
 RT: 14.34 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBS01

Tgt Ion:180 Resp: 287000
 Ion Ratio Lower Upper
 180 100
 182 100.8 49.0 147.2
 145 23.8 11.8 35.3

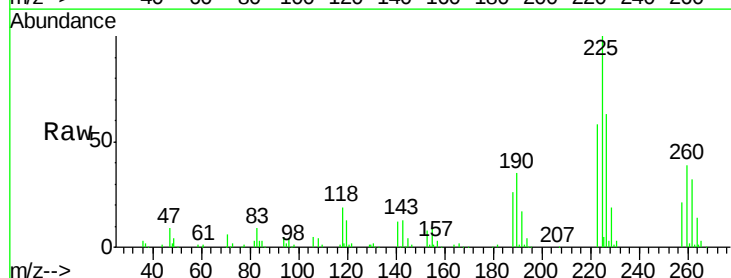


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

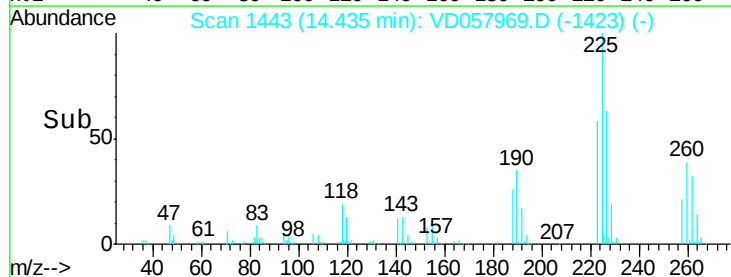
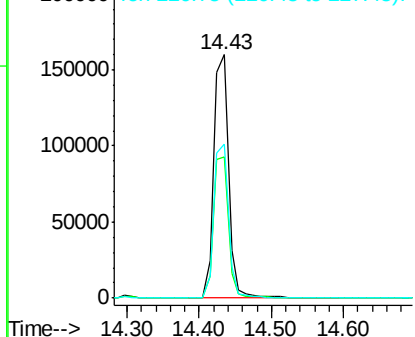


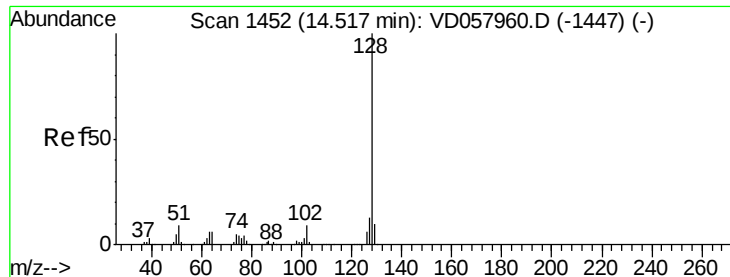
#94
 Hexachlorobutadiene
 Concen: 21.382 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD057969.D
 Acq: 7 Jun 2018 14:01

Tgt Ion:225 Resp: 226023
 Ion Ratio Lower Upper
 225 100
 223 57.9 29.5 88.6
 227 63.4 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

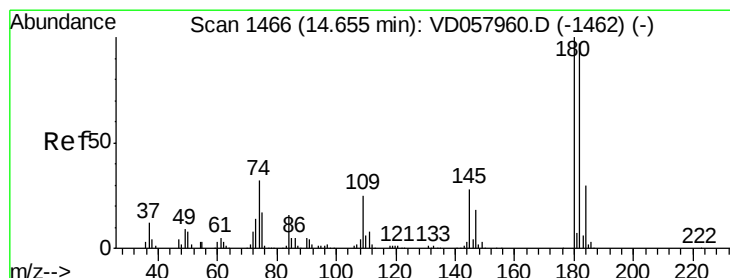
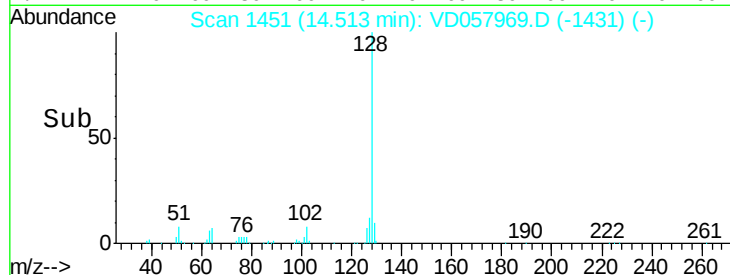
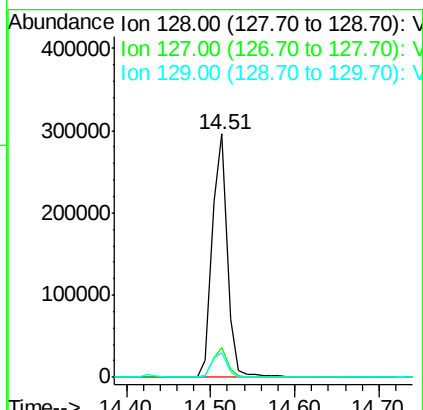
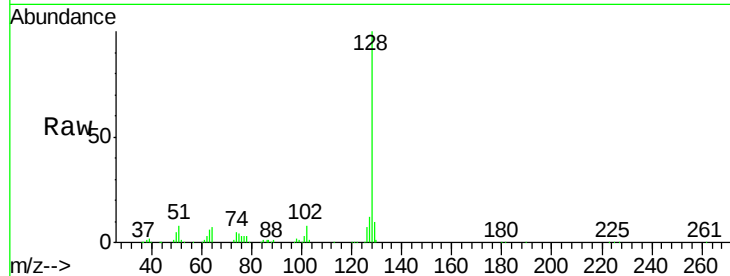




#95
Naphthalene
Concen: 21.352 ug/l
RT: 14.51 min Scan# 1451
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBS01

Tgt Ion:128 Resp: 369982
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 10.4 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 21.181 ug/l
RT: 14.65 min Scan# 1465
Delta R.T. -0.00 min
Lab File: VD057969.D
Acq: 7 Jun 2018 14:01

Tgt Ion:180 Resp: 242586
Ion Ratio Lower Upper
180 100
182 98.2 48.5 145.5
145 27.8 14.2 42.8

