

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070218\
 Data File : VD059508.D
 Acq On : 2 Jul 2018 17:35
 Operator : VA/AP
 Sample : VSTDIC010
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Quant Time: Jul 03 00:52:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	611502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.67	114	871954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	696528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	363239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	81367	12.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	24.46%		
35) Dibromofluoromethane	5.53	113	76987	10.70	ug/l	0.02
Spiked Amount 50.000			Recovery =	21.40%		
50) Toluene-d8	8.69	98	184771	10.97	ug/l	0.00
Spiked Amount 50.000			Recovery =	21.94%		
62) 4-Bromofluorobenzene	11.92	95	78559	11.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	22.46%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	75195	12.285	ug/l	97
3) Chloromethane	1.48	50	34226	11.161	ug/l	99
4) Vinyl Chloride	1.54	62	31760	9.947	ug/l	98
5) Bromomethane	1.78	94	15191	12.390	ug/l	85
6) Chloroethane	1.87	64	17392	12.901	ug/l #	87
7) Trichlorofluoromethane	2.06	101	63001	13.494	ug/l	97
8) Diethyl Ether	2.33	74	10136	9.973	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.54	101	35711	12.344	ug/l #	91
10) Methyl Iodide	2.67	142	27937	8.423	ug/l #	95
11) Tert butyl alcohol	3.25	59	14154	63.494	ug/l #	78
12) 1,1-Dichloroethene	2.53	96	25202	11.265	ug/l	89
13) Acrolein	2.46	56	10911	59.599	ug/l	94
14) Allyl chloride	2.90	41	59031	11.695	ug/l	96
15) Acrylonitrile	3.33	53	34470	50.158	ug/l	97
16) Acetone	2.60	43	50530	59.088	ug/l	97
17) Carbon Disulfide	2.73	76	68288	9.767	ug/l	98
18) Methyl Acetate	2.92	43	24442	11.828	ug/l	92
19) Methyl tert-butyl Ether	3.38	73	69732	7.242	ug/l	97
20) Methylene Chloride	3.05	84	37294	13.700	ug/l	86
21) trans-1,2-Dichloroethene	3.36	96	29534	8.259	ug/l	98
22) Diisopropyl ether	4.05	45	221726	11.807	ug/l	98
23) Vinyl Acetate	3.99	43	612658	61.441	ug/l	99
24) 1,1-Dichloroethane	3.94	63	132005	12.229	ug/l	98
25) 2-Butanone	4.81	43	113130	63.603	ug/l	100
26) 2,2-Dichloropropane	4.77	77	105341	12.513	ug/l	96
27) cis-1,2-Dichloroethene	4.78	96	66023	10.360	ug/l	95
28) Bromochloromethane	5.12	49	55566	12.669	ug/l	89
29) Tetrahydrofuran	5.17	42	55546	57.711	ug/l	99
30) Chloroform	5.30	83	133626	11.501	ug/l	93
31) Cyclohexane	5.57	56	97411	11.949	ug/l	90
32) 1,1,1-Trichloroethane	5.48	97	104386	11.181	ug/l	98
36) 1,1-Dichloropropene	5.73	75	96798	11.615	ug/l	91
37) Ethyl Acetate	4.91	43	53443	10.779	ug/l	98
38) Carbon Tetrachloride	5.70	117	87788	10.245	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 00:52:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.26	83	82839	10.461	ug/l	96
40) Benzene	5.99	78	220759	11.052	ug/l	98
41) Methacrylonitrile	5.11	41	26907	11.151	ug/l #	83
42) 1,2-Dichloroethane	6.10	62	97782	11.157	ug/l	97
43) Isopropyl Acetate	7.60	43	67664	10.722	ug/l #	89
44) Trichloroethene	6.96	130	63961	9.874	ug/l	98
45) 1,2-Dichloropropane	7.33	63	59801	10.866	ug/l	94
46) Dibromomethane	7.45	93	41700	10.700	ug/l	98
47) Bromodichloromethane	7.72	83	91768	10.462	ug/l	99
48) Methyl methacrylate	7.49	41	43054	11.099	ug/l	91
49) 1,4-Dioxane	7.48	88	7412	192.114	ug/l #	89
51) 4-Methyl-2-Pentanone	8.58	43	240651	57.496	ug/l	98
52) Toluene	8.79	92	123236	10.465	ug/l	97
53) t-1,3-Dichloropropene	9.17	75	80762	10.803	ug/l	92
54) cis-1,3-Dichloropropene	8.35	75	94385	10.895	ug/l	94
55) 1,1,2-Trichloroethane	9.44	97	46687	11.061	ug/l	98
56) Ethyl methacrylate	9.30	69	53251	10.853	ug/l	91
57) 1,3-Dichloropropane	9.64	76	79185	11.265	ug/l	91
58) 2-Chloroethyl Vinyl ether	8.18	63	118564	47.005	ug/l	94
59) 2-Hexanone	9.77	43	171434	57.863	ug/l	98
60) Dibromochloromethane	9.94	129	56392	9.463	ug/l	95
61) 1,2-Dibromoethane	10.08	107	47264	9.963	ug/l	97
64) Tetrachloroethene	9.50	164	61459	9.869	ug/l	94
65) Chlorobenzene	10.71	112	146061	11.153	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.84	131	60020	12.124	ug/l	94
67) Ethyl Benzene	10.85	91	251599	11.455	ug/l	100
68) m/p-Xylenes	11.00	106	169682	23.132	ug/l	94
69) o-Xylene	11.40	106	81638	11.312	ug/l	93
70) Styrene	11.43	104	140534	11.457	ug/l	92
71) Bromoform	11.59	173	39615	9.620	ug/l	95
73) Isopropylbenzene	11.76	105	227104	10.714	ug/l	98
74) N-amyl acetate	11.64	43	91912	11.154	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	59144	11.667	ug/l	96
76) 1,2,3-Trichloropropane	12.11	75	61157	11.640	ug/l	94
77) Bromobenzene	12.04	156	69125	10.407	ug/l	88
78) n-propylbenzene	12.15	91	305977	11.253	ug/l	97
79) 2-Chlorotoluene	12.20	91	182631	11.510	ug/l	94
80) 1,3,5-Trimethylbenzene	12.31	105	185444	10.908	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.84	75	12437	10.171	ug/l #	84
82) 4-Chlorotoluene	12.32	91	211792	11.666	ug/l	90
83) tert-Butylbenzene	12.57	119	209192	11.437	ug/l	94
84) 1,2,4-Trimethylbenzene	12.62	105	195158	10.891	ug/l	100
85) sec-Butylbenzene	12.76	105	240261	11.039	ug/l	98
86) p-Isopropyltoluene	12.88	119	199511	11.132	ug/l	94
87) 1,3-Dichlorobenzene	12.83	146	120665	10.907	ug/l	95
88) 1,4-Dichlorobenzene	12.92	146	115826	10.638	ug/l	99
89) n-Butylbenzene	13.19	91	198594	11.111	ug/l	97
90) Hexachloroethane	13.40	117	50502	11.223	ug/l	94
91) 1,2-Dichlorobenzene	13.19	146	102823	10.963	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.77	75	7754	9.313	ug/l	75

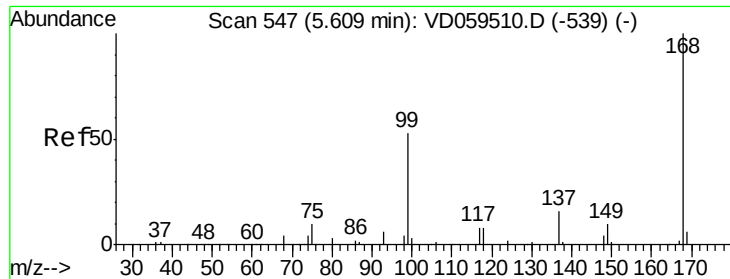
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD070218\
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Quant Title : SW846 8260
QLast Update : Tue Jul 03 00:52:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	88563	10.393	ug/l	95
94) Hexachlorobutadiene	14.43	225	63019	9.818	ug/l	96
95) Naphthalene	14.51	128	122372	10.067	ug/l	98
96) 1,2,3-Trichlorobenzene	14.66	180	77426	10.086	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

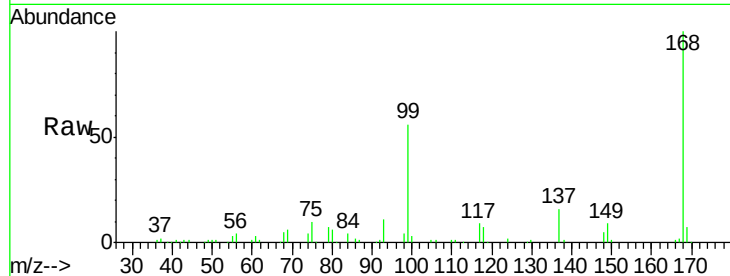
VSTDIC010

Tgt Ion:168 Resp: 611502

Ion Ratio Lower Upper

168 100

99 56.1 45.1 67.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.62

200000

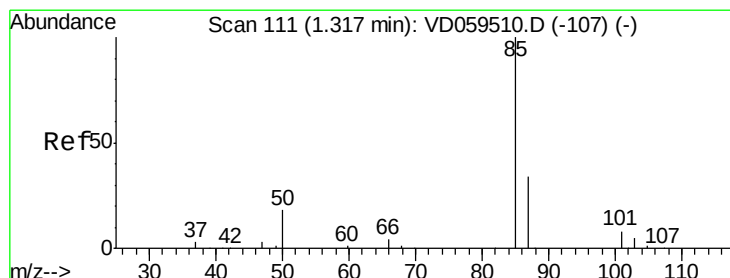
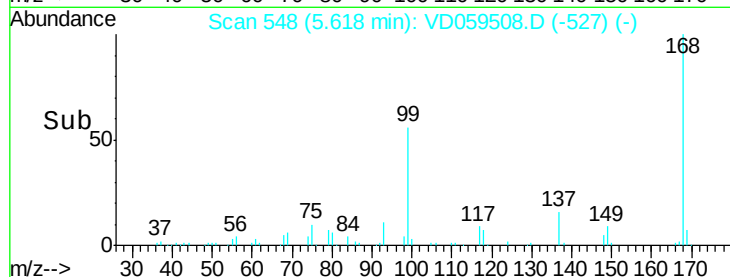
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 12.285 ug/l

RT: 1.33 min Scan# 112

Delta R.T. 0.01 min

Lab File: VD059508.D

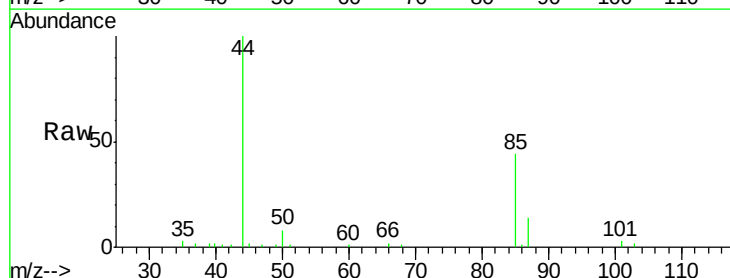
Acq: 2 Jul 2018 17:35

Tgt Ion: 85 Resp: 75195

Ion Ratio Lower Upper

85 100

87 31.8 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.33

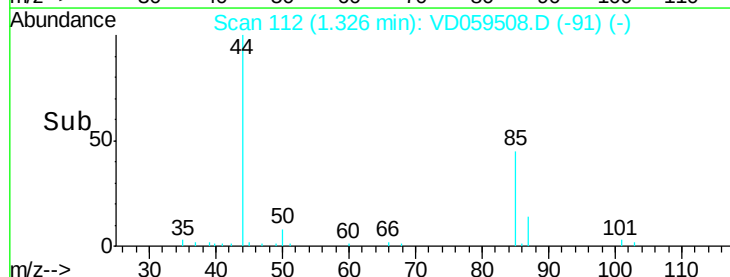
30000

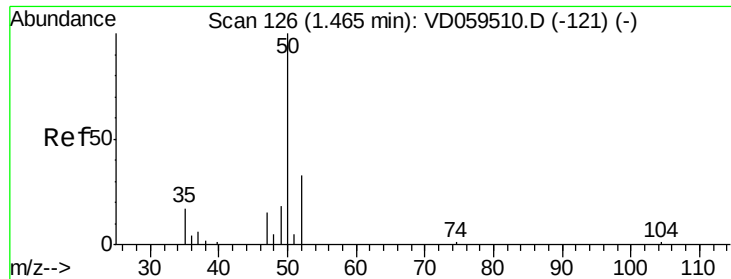
20000

10000

0

Time-->





#3

Chloromethane

Concen: 11.161 ug/l

RT: 1.48 min Scan# 128

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

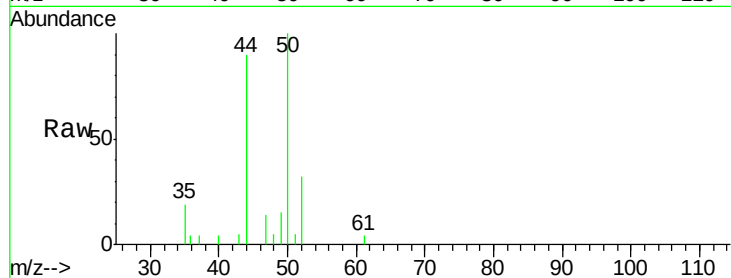
VSTDIC010

Tgt Ion: 50 Resp: 34226

Ion Ratio Lower Upper

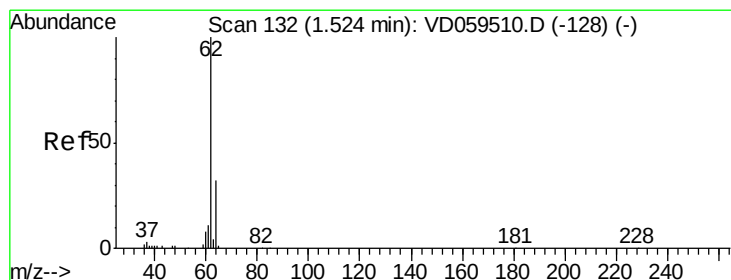
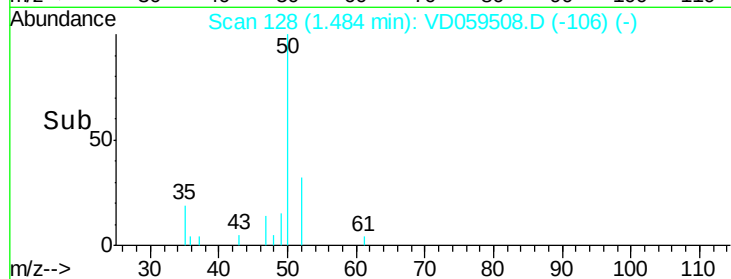
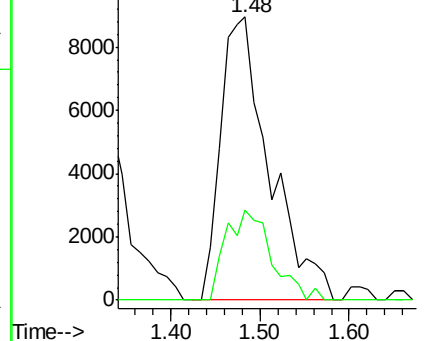
50 100

52 31.9 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 9.947 ug/l

RT: 1.54 min Scan# 134

Delta R.T. 0.02 min

Lab File: VD059508.D

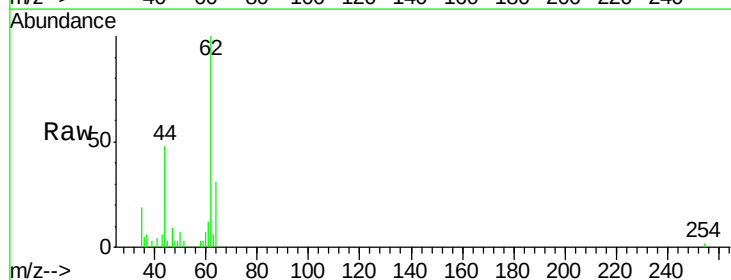
Acq: 2 Jul 2018 17:35

Tgt Ion: 62 Resp: 31760

Ion Ratio Lower Upper

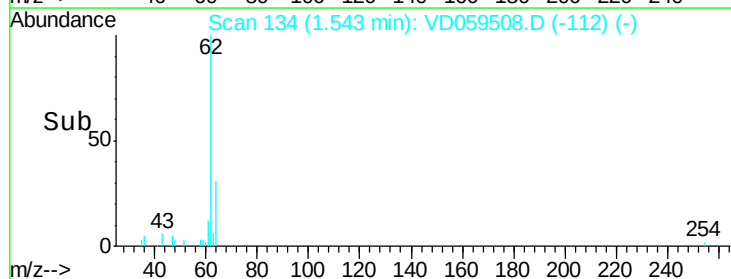
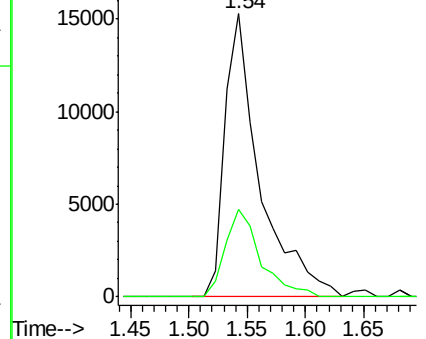
62 100

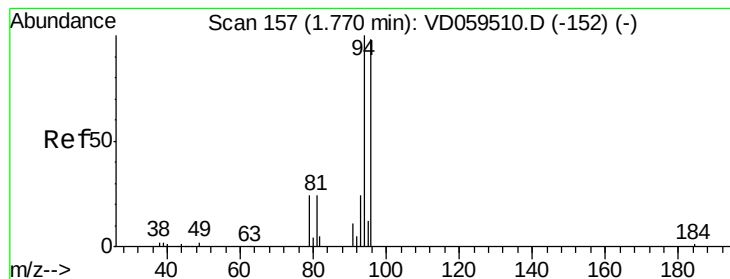
64 30.7 25.4 38.2



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 12.390 ug/l

RT: 1.78 min Scan# 158

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

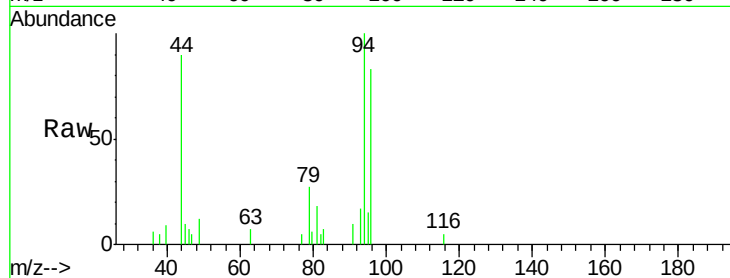
VSTDIC010

Tgt Ion: 94 Resp: 15191

Ion Ratio Lower Upper

94 100

96 82.8 78.2 117.4

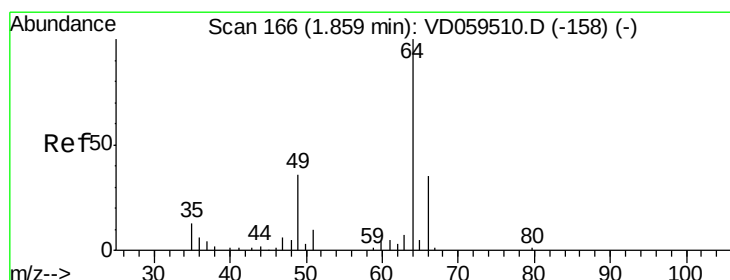
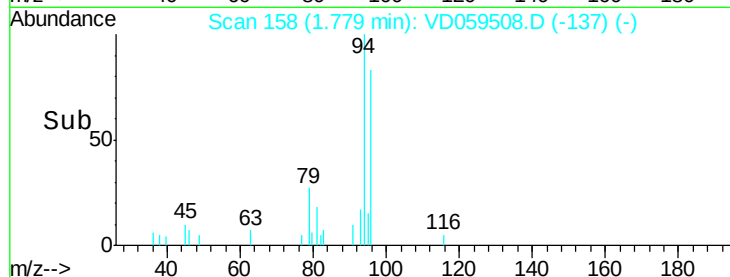


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

1.78

Time-->



#6

Chloroethane

Concen: 12.901 ug/l

RT: 1.87 min Scan# 167

Delta R.T. 0.01 min

Lab File: VD059508.D

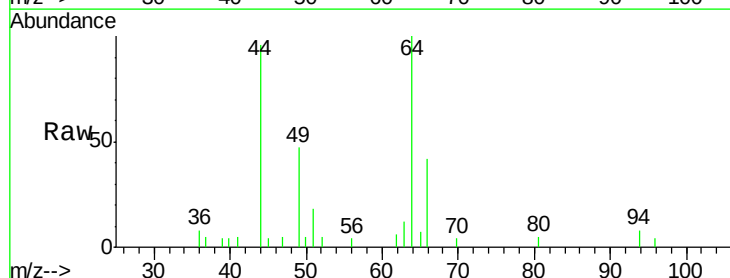
Acq: 2 Jul 2018 17:35

Tgt Ion: 64 Resp: 17392

Ion Ratio Lower Upper

64 100

66 42.1 27.6 41.4#

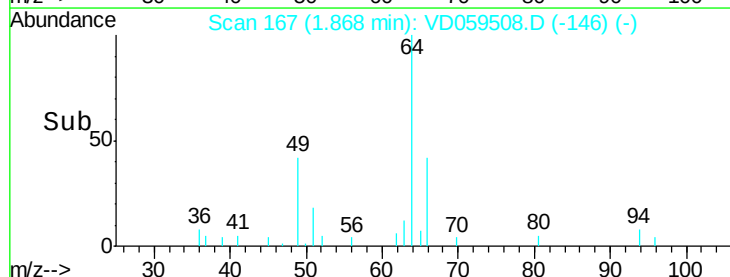


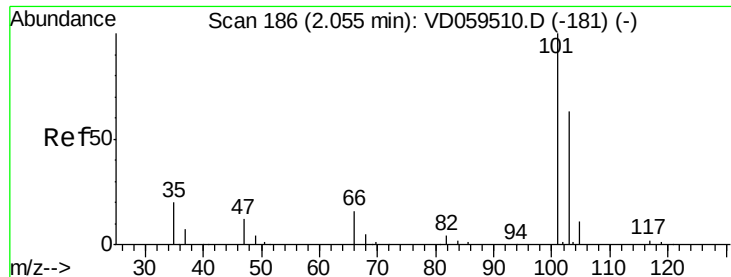
Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

1.87

Time-->



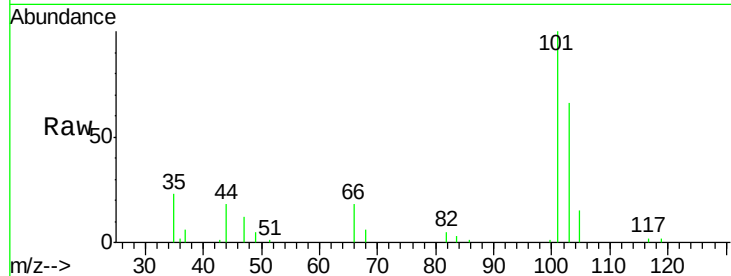


#7

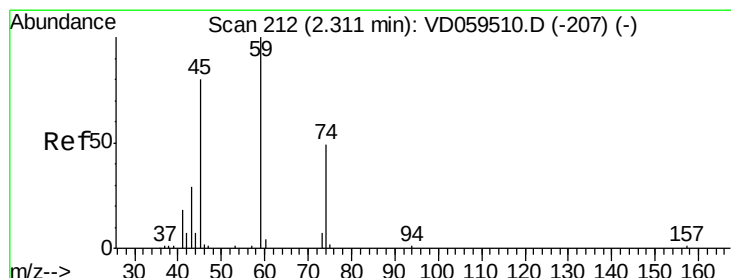
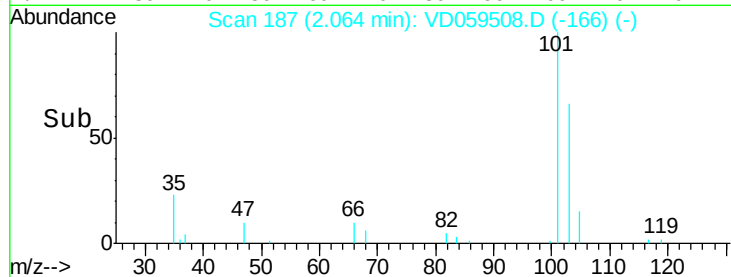
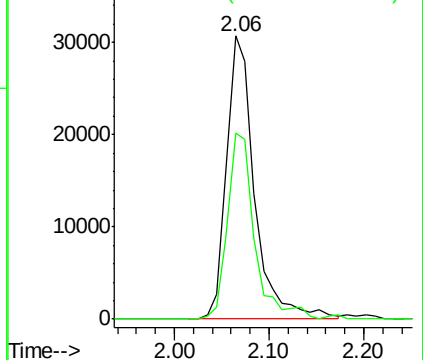
Trichlorofluoromethane
 Concen: 13.494 ug/l
 RT: 2.06 min Scan# 187
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion: 101 Resp: 63001
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.6 76.0



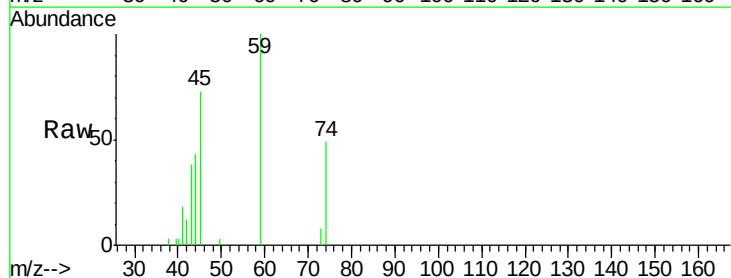
Abundance Ion 100.85 (100.55 to 101.55): V
 Ion 102.85 (102.55 to 103.55): V



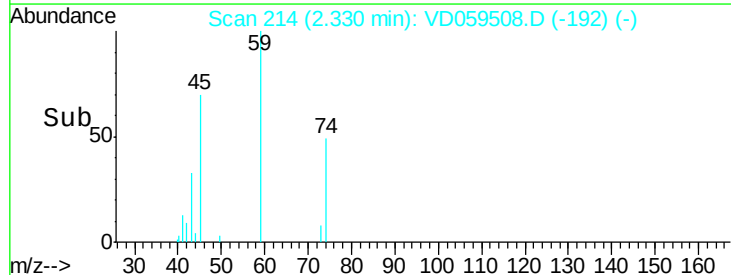
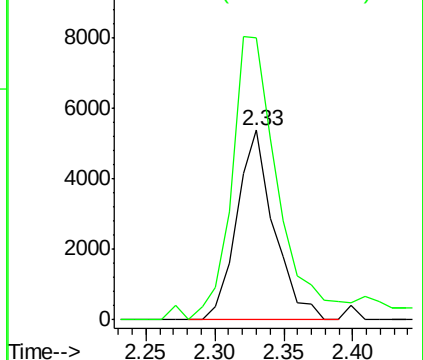
#8

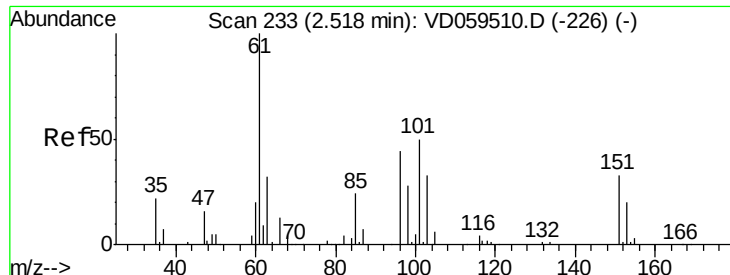
Diethyl Ether
 Concen: 9.973 ug/l
 RT: 2.33 min Scan# 214
 Delta R.T. 0.02 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 74 Resp: 10136
 Ion Ratio Lower Upper
 74 100
 45 148.6 83.5 250.3



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: 12.344 ug/l

RT: 2.54 min Scan# 235

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

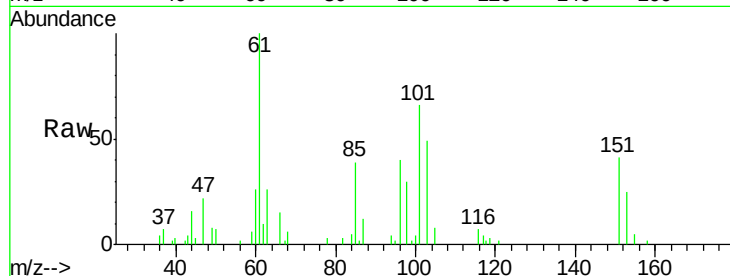
Tgt Ion:101 Resp: 35711

Ion Ratio Lower Upper

101 100

85 58.8 38.8 58.2#

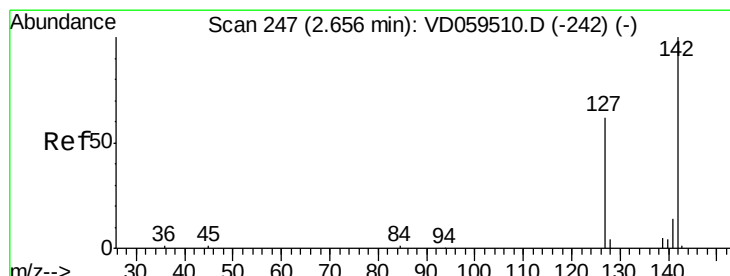
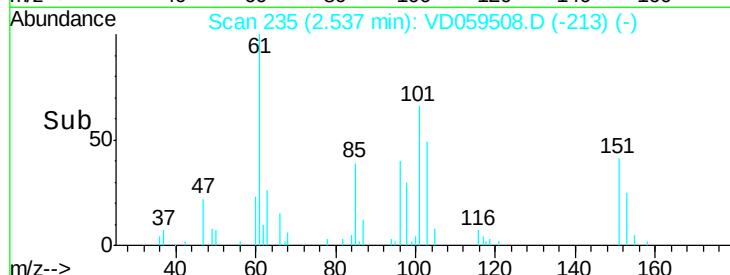
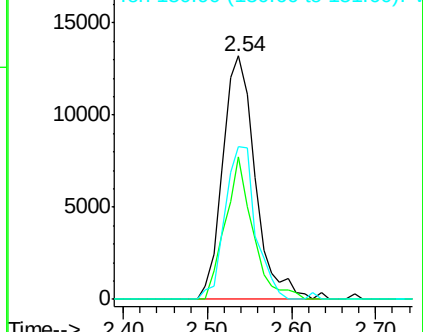
151 62.6 52.6 79.0



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: 8.423 ug/l

RT: 2.67 min Scan# 249

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

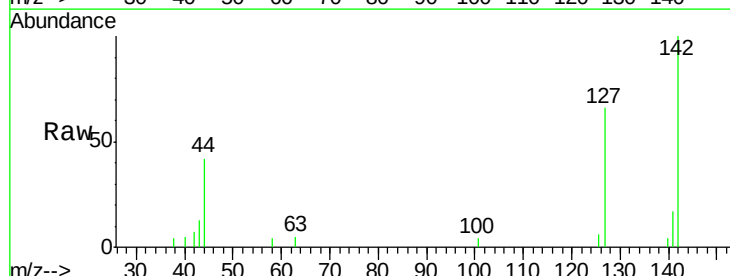
Tgt Ion:142 Resp: 27937

Ion Ratio Lower Upper

142 100

127 66.1 49.8 74.8

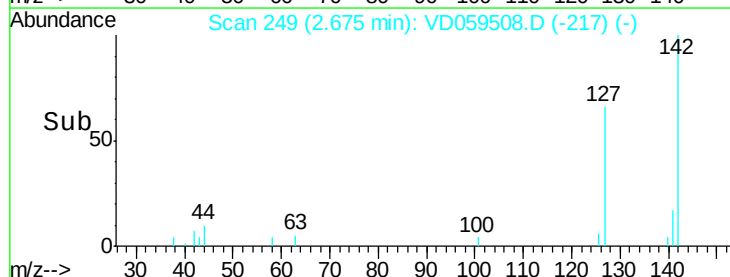
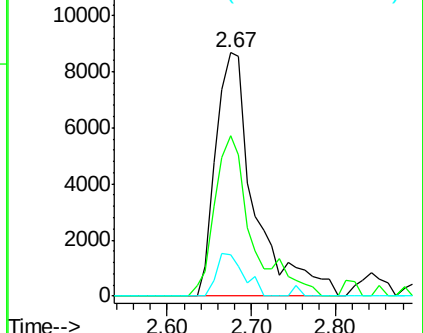
141 16.9 11.1 16.7#

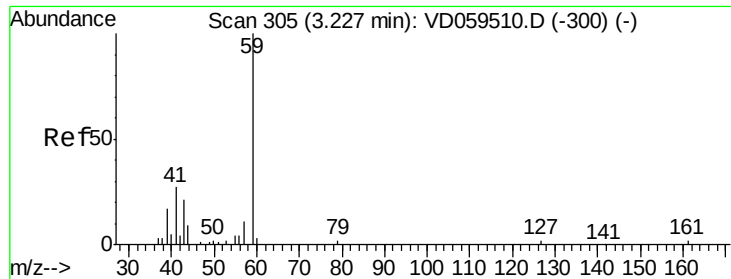


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

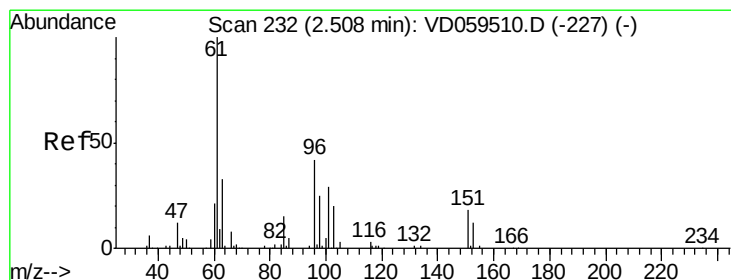
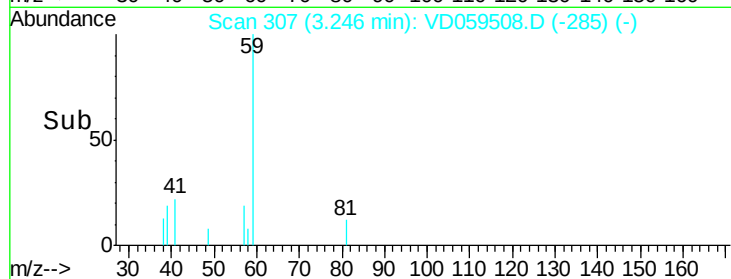
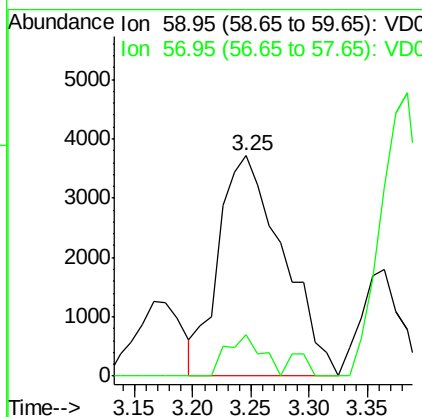
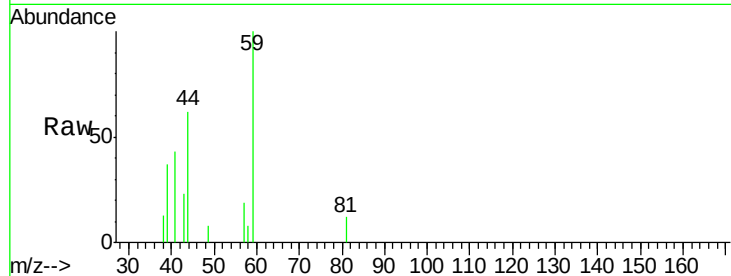




#11
Tert butyl alcohol
Concen: 63.494 ug/l
RT: 3.25 min Scan# 307
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

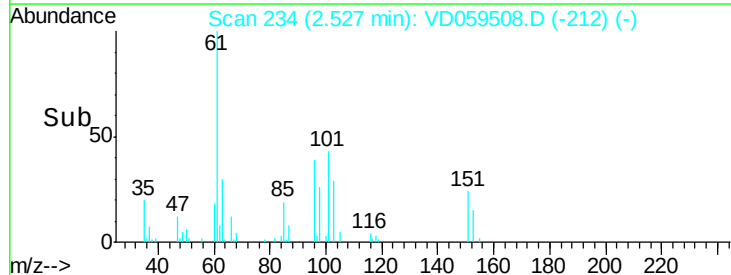
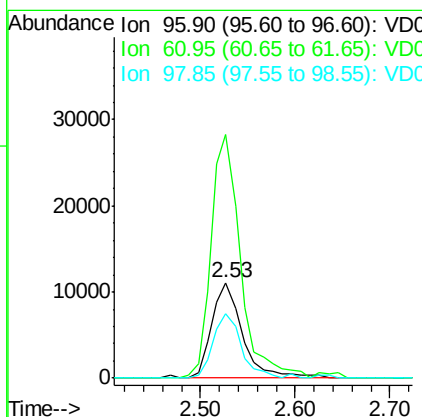
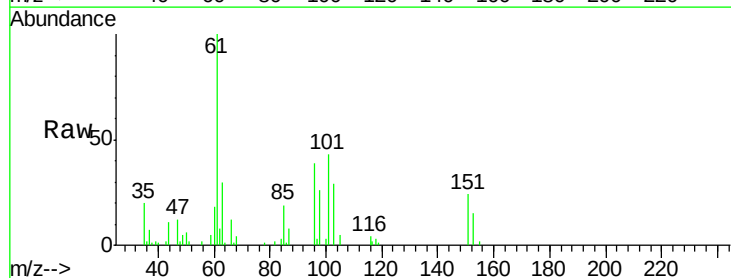
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

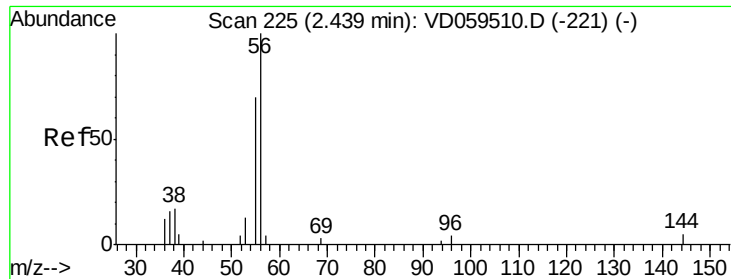
Tgt Ion: 59 Resp: 14154
Ion Ratio Lower Upper
59 100
57 19.1 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 11.265 ug/l
RT: 2.53 min Scan# 234
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 96 Resp: 25202
Ion Ratio Lower Upper
96 100
61 255.1 189.4 284.0
98 67.4 47.9 71.9





#13

Acrolein

Concen: 59.599 ug/l

RT: 2.46 min Scan# 227

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

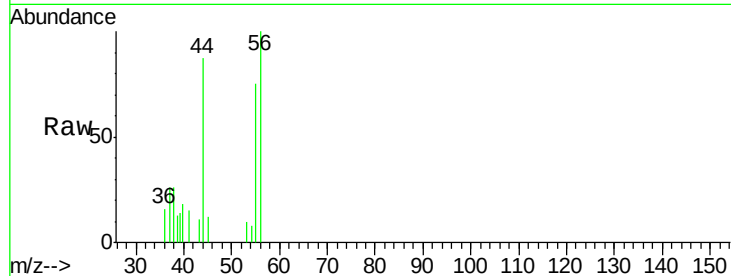
VSTDIC010

Tgt Ion: 56 Resp: 10911

Ion Ratio Lower Upper

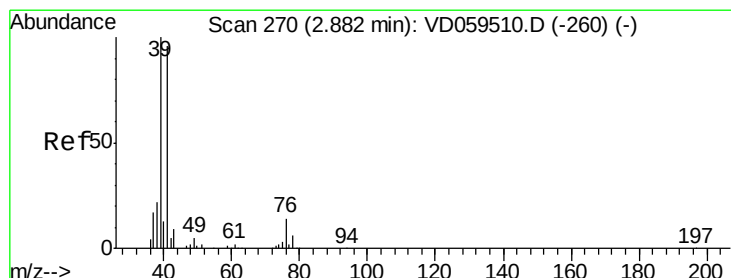
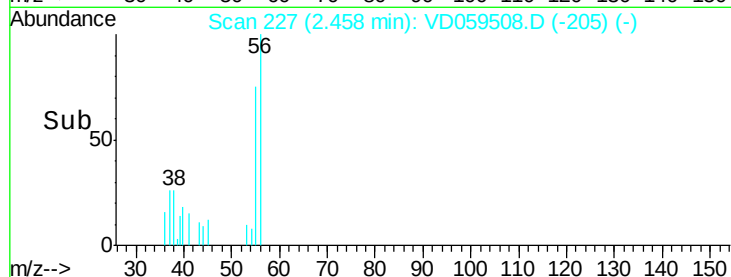
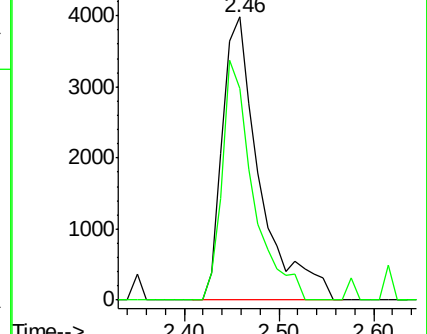
56 100

55 74.6 56.0 84.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 11.695 ug/l

RT: 2.90 min Scan# 272

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

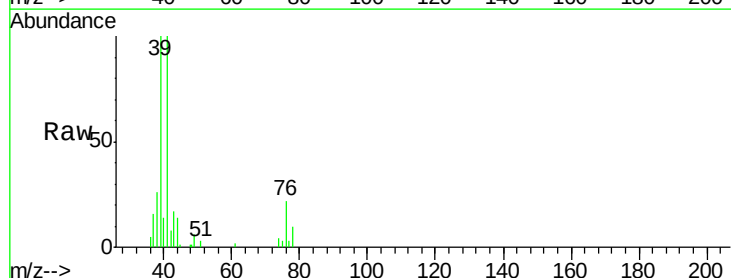
Tgt Ion: 41 Resp: 59031

Ion Ratio Lower Upper

41 100

39 99.9 83.8 125.8

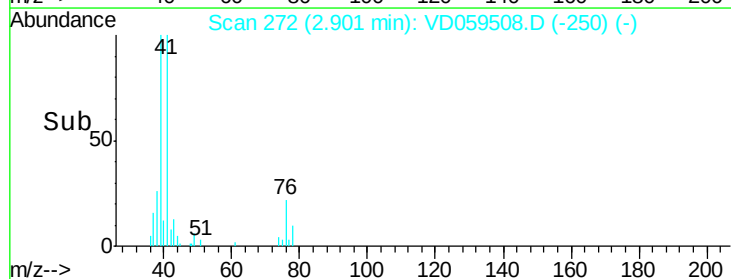
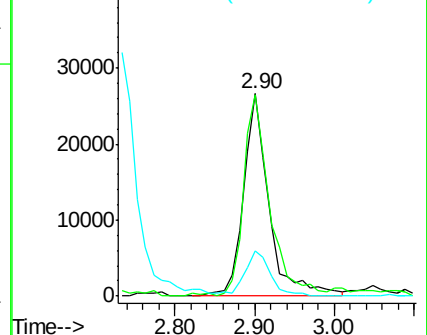
76 22.4 18.4 27.6

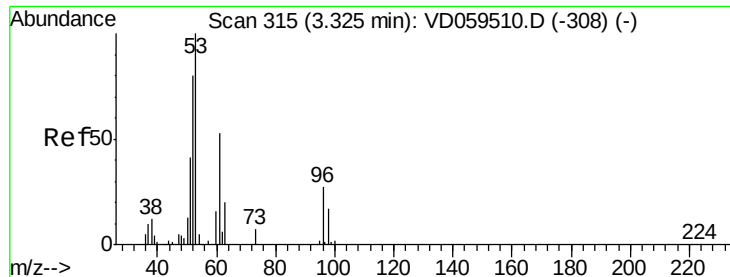


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

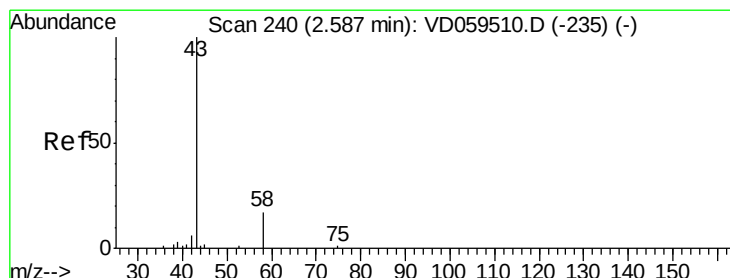
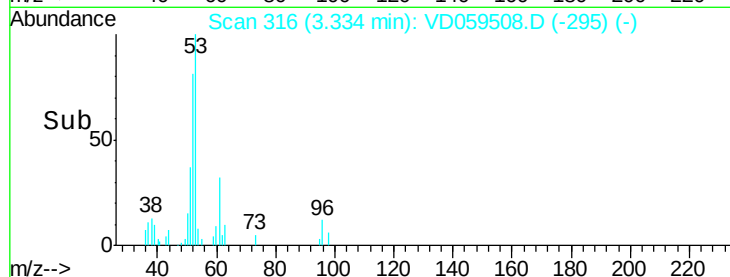
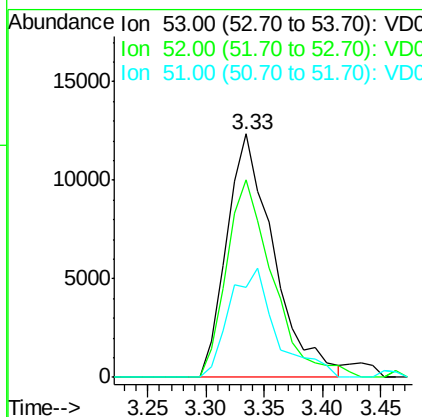
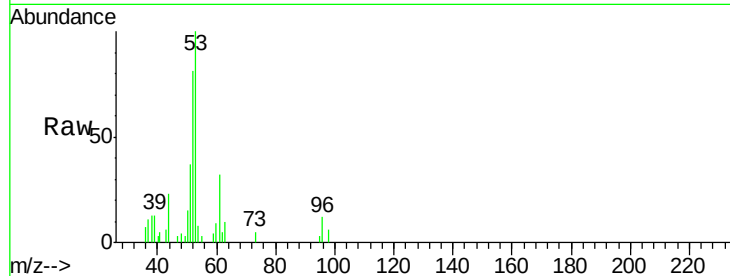




#15
 Acrylonitrile
 Concen: 50.158 ug/l
 RT: 3.33 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

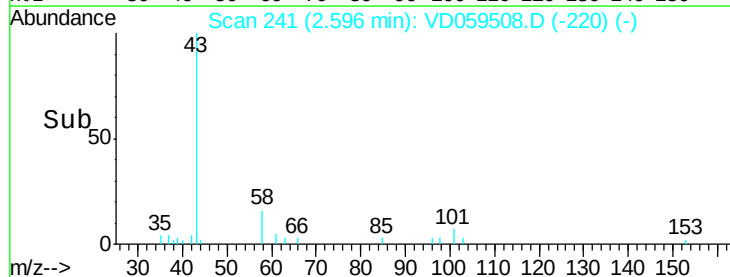
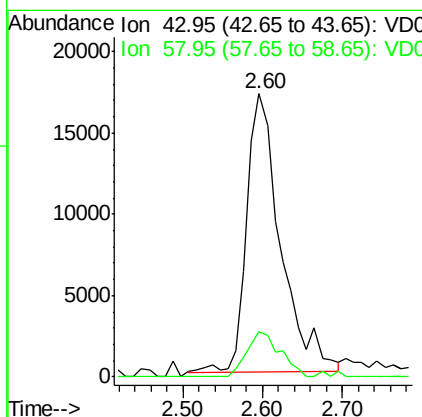
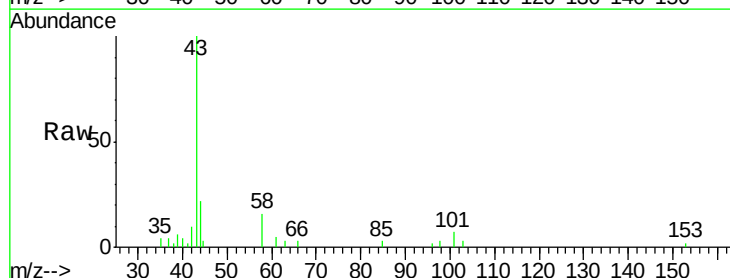
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

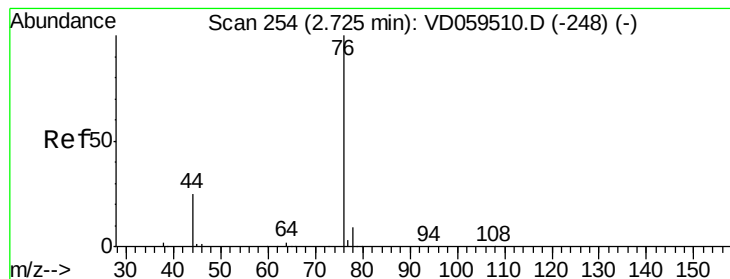
Tgt Ion: 53 Resp: 34470
 Ion Ratio Lower Upper
 53 100
 52 81.3 64.3 96.5
 51 37.2 33.0 49.4



#16
 Acetone
 Concen: 59.088 ug/l
 RT: 2.60 min Scan# 241
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 43 Resp: 50530
 Ion Ratio Lower Upper
 43 100
 58 15.8 13.8 20.8





#17

Carbon Disulfide

Concen: 9.767 ug/l

RT: 2.73 min Scan# 255

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

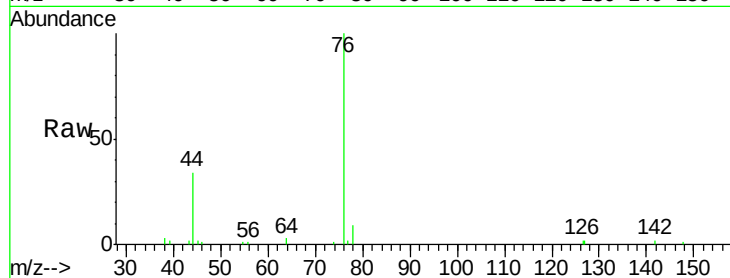
VSTDIC010

Tgt Ion: 76 Resp: 68288

Ion Ratio Lower Upper

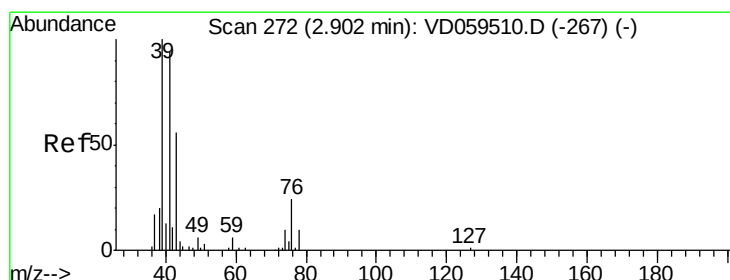
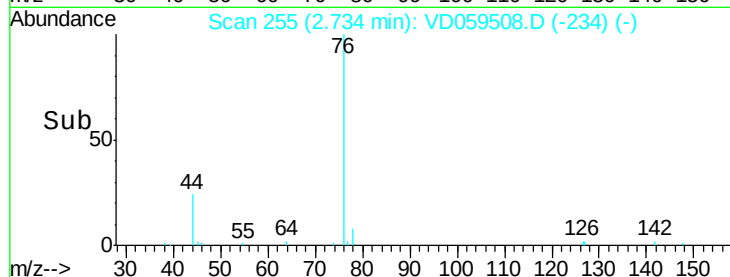
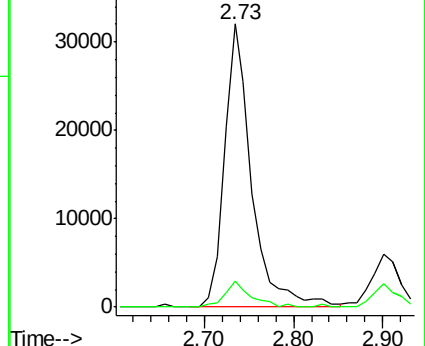
76 100

78 9.3 6.9 10.3



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 11.828 ug/l

RT: 2.92 min Scan# 274

Delta R.T. 0.02 min

Lab File: VD059508.D

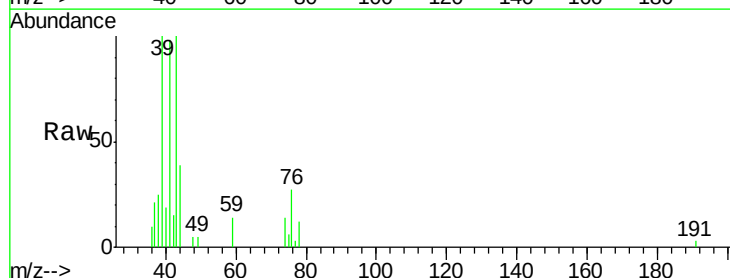
Acq: 2 Jul 2018 17:35

Tgt Ion: 43 Resp: 24442

Ion Ratio Lower Upper

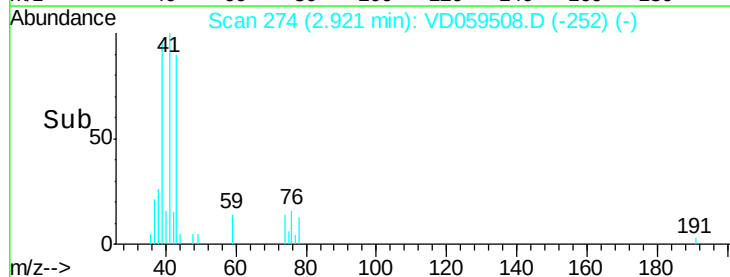
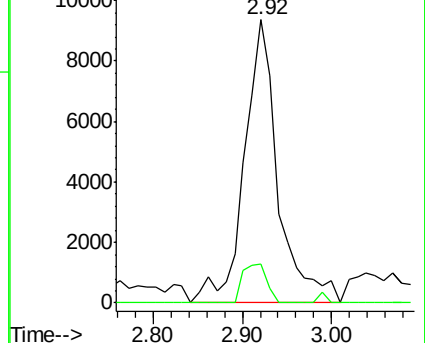
43 100

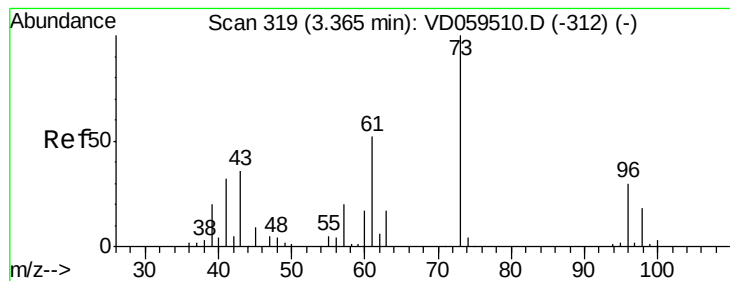
74 13.9 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



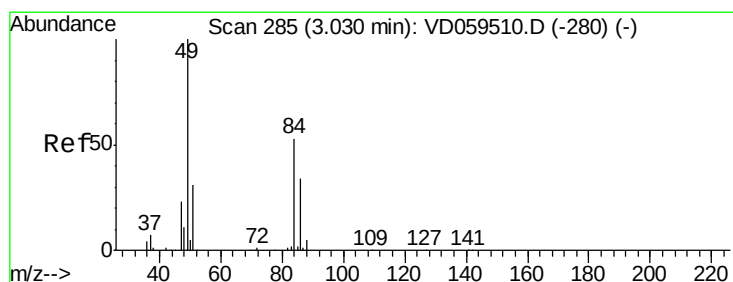
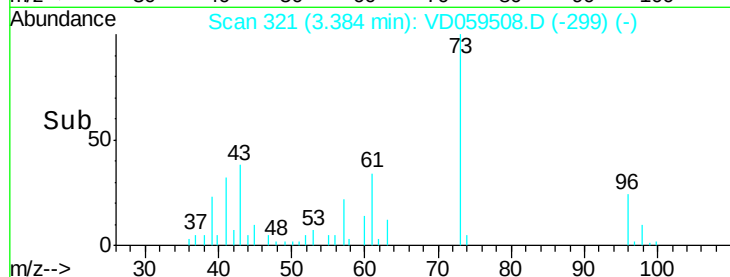
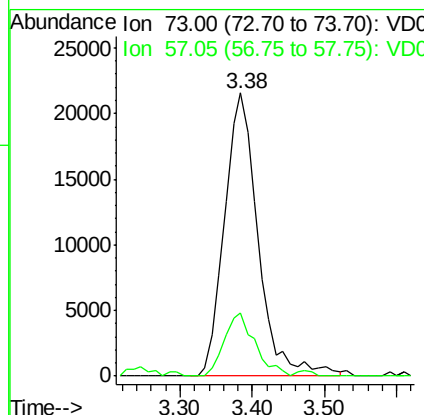
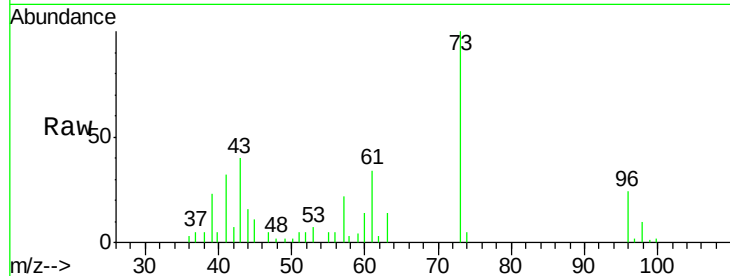


#19

Methyl tert-butyl Ether
Concen: 7.242 ug/l
RT: 3.38 min Scan# 321
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

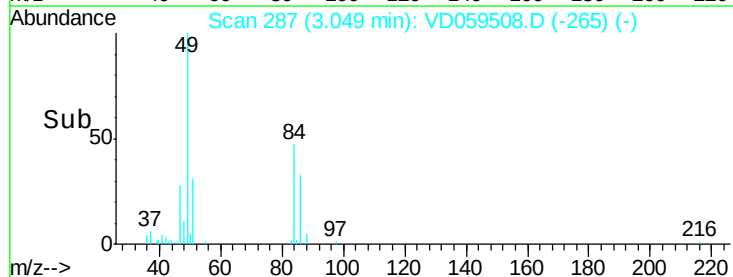
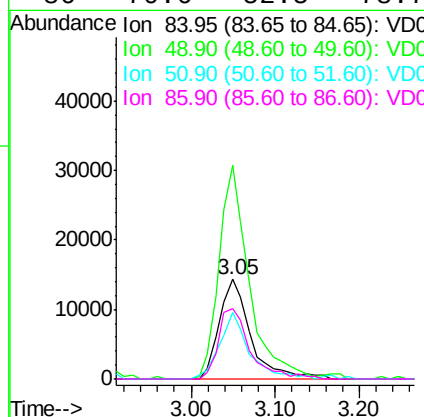
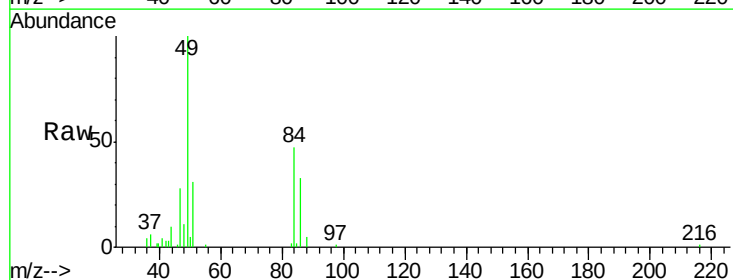
Tgt Ion: 73 Resp: 69732
Ion Ratio Lower Upper
73 100
57 22.1 16.5 24.7

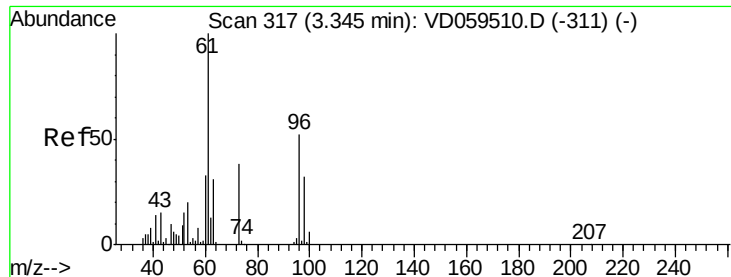


#20

Methylene Chloride
Concen: 13.700 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 84 Resp: 37294
Ion Ratio Lower Upper
84 100
49 214.4 152.2 228.2
51 67.3 46.5 69.7
86 70.6 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 8.259 ug/l

RT: 3.36 min Scan# 319

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

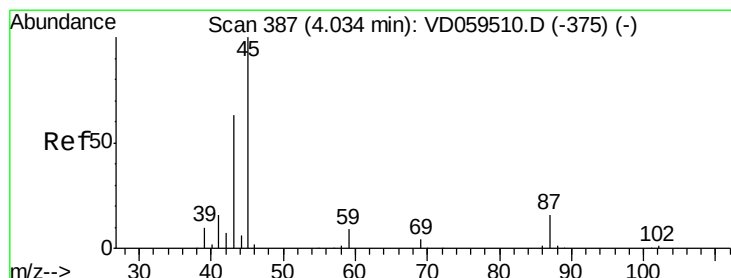
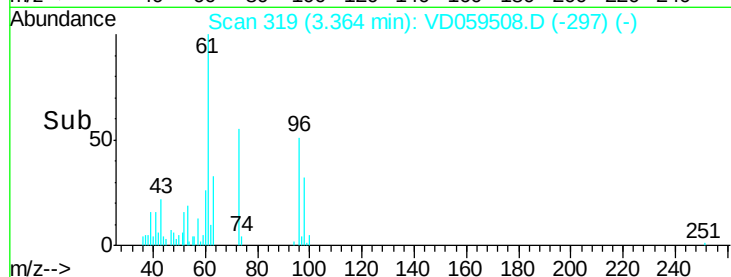
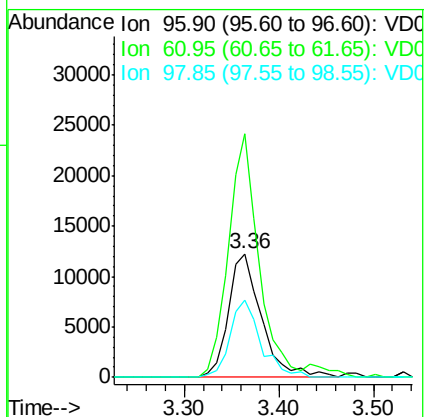
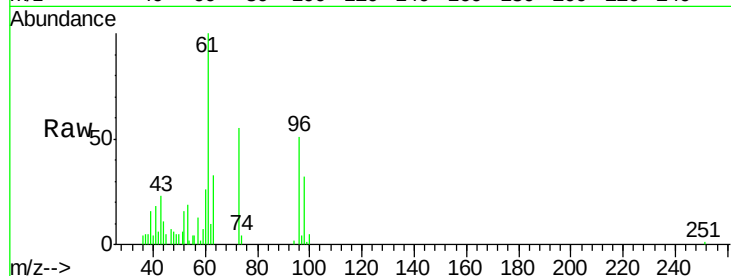
Tgt Ion: 96 Resp: 29534

Ion Ratio Lower Upper

96 100

61 197.3 154.7 232.1

98 62.1 49.9 74.9



#22

Diisopropyl ether

Concen: 11.807 ug/l

RT: 4.05 min Scan# 389

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Tgt Ion: 45 Resp: 221726

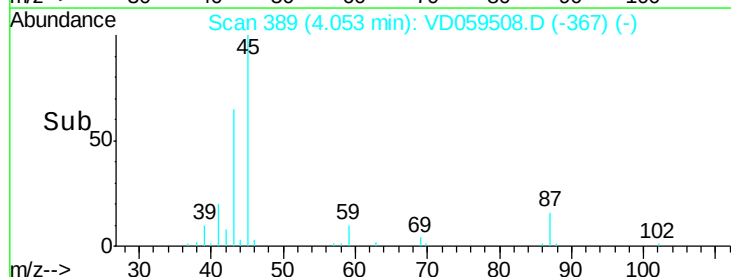
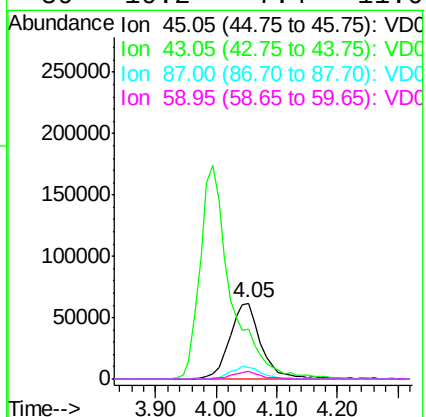
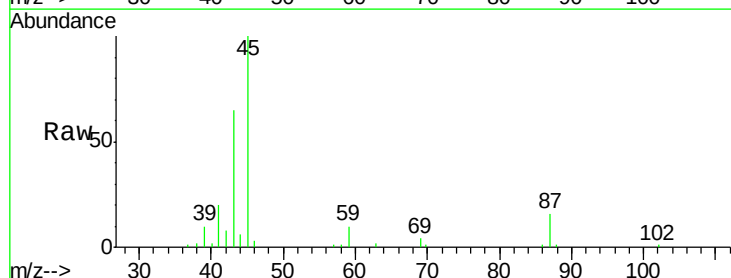
Ion Ratio Lower Upper

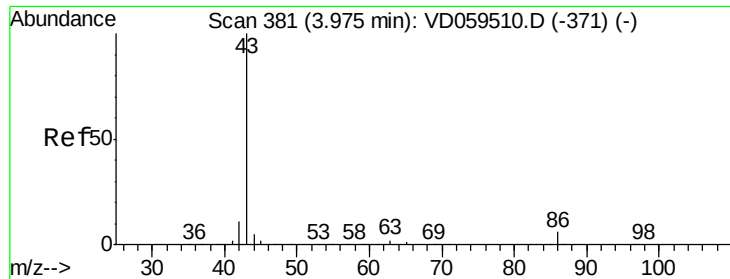
45 100

43 65.2 50.7 76.1

87 16.0 13.4 20.0

59 10.2 7.4 11.0





#23

Vinyl Acetate

Concen: 61.441 ug/l

RT: 3.99 min Scan# 383

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

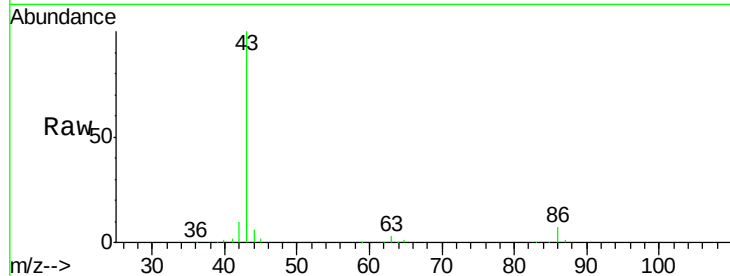
VSTDIC010

Tgt Ion: 43 Resp: 612658

Ion Ratio Lower Upper

43 100

86 6.6 5.0 7.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

3.99

200000

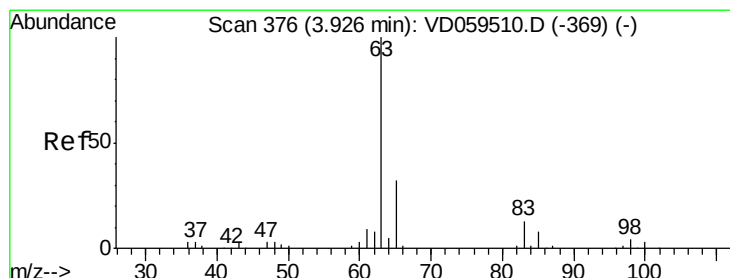
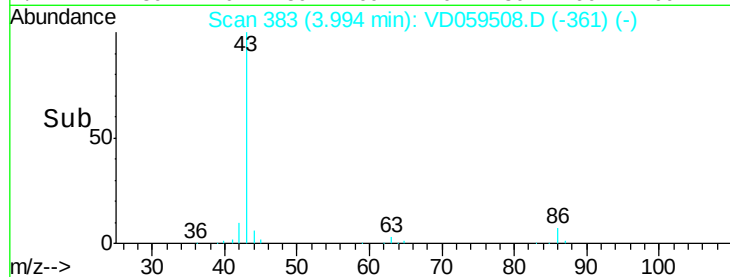
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 12.229 ug/l

RT: 3.94 min Scan# 378

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

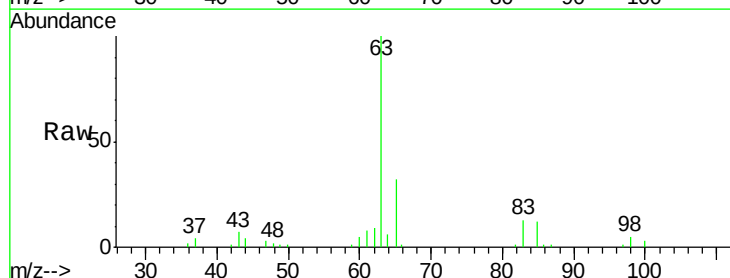
Tgt Ion: 63 Resp: 132005

Ion Ratio Lower Upper

63 100

98 4.8 2.0 5.8

100 2.5 1.5 4.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

3.94

50000

40000

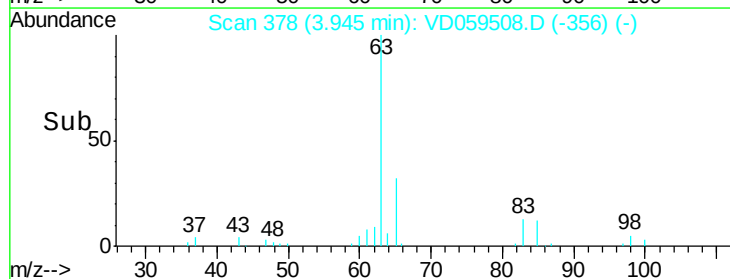
30000

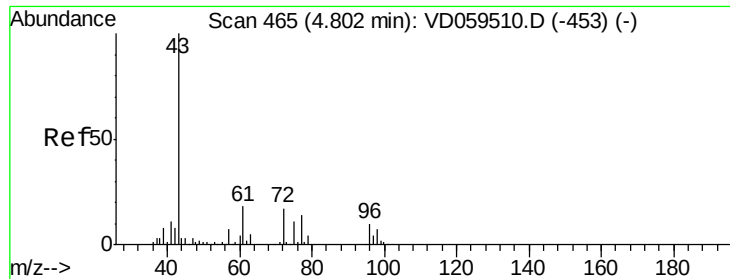
20000

10000

0

Time-->





#25

2-Butanone

Concen: 63.603 ug/l

RT: 4.81 min Scan# 466

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

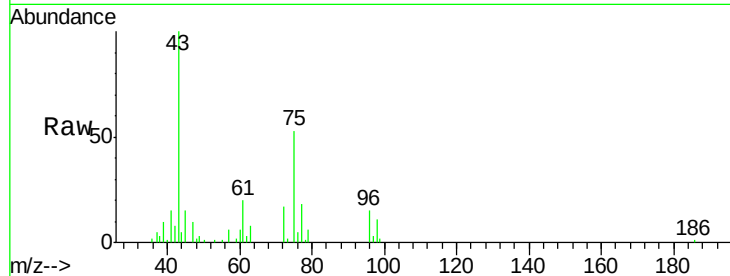
VSTDIC010

Tgt Ion: 43 Resp: 113130

Ion Ratio Lower Upper

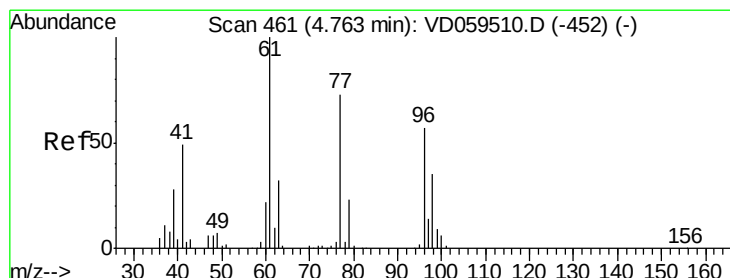
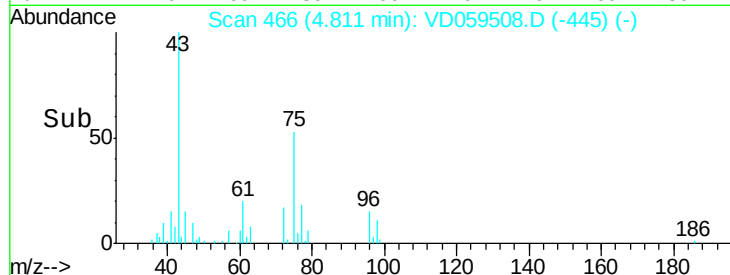
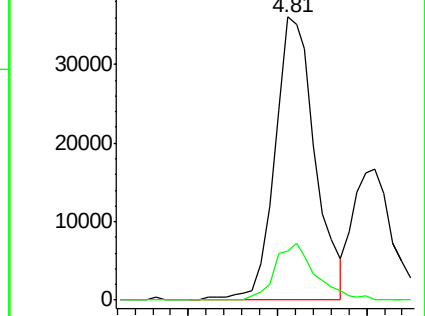
43 100

72 17.2 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 12.513 ug/l

RT: 4.77 min Scan# 462

Delta R.T. 0.01 min

Lab File: VD059508.D

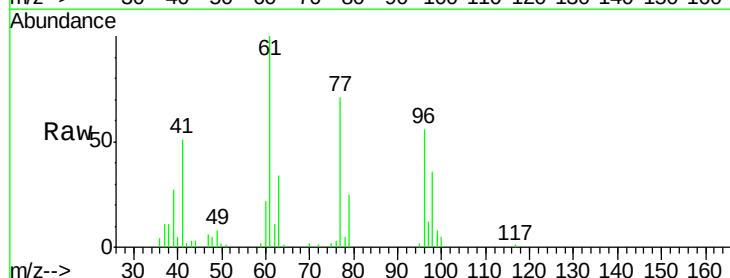
Acq: 2 Jul 2018 17:35

Tgt Ion: 77 Resp: 105341

Ion Ratio Lower Upper

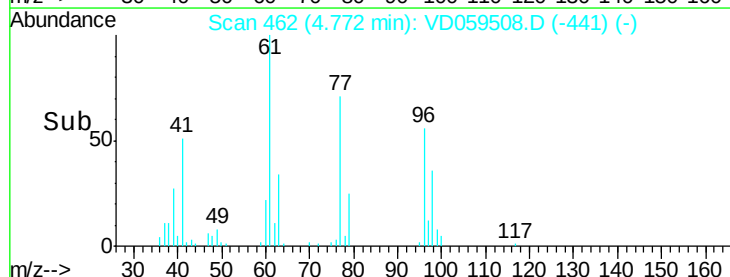
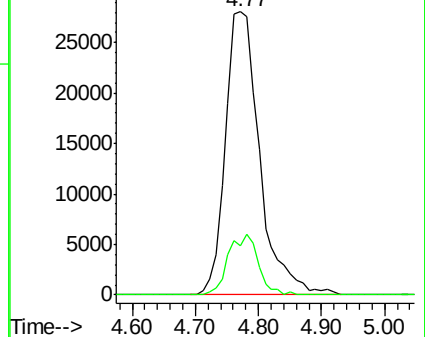
77 100

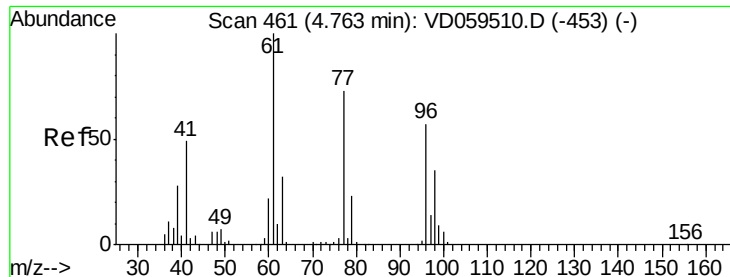
97 17.4 9.5 28.5



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



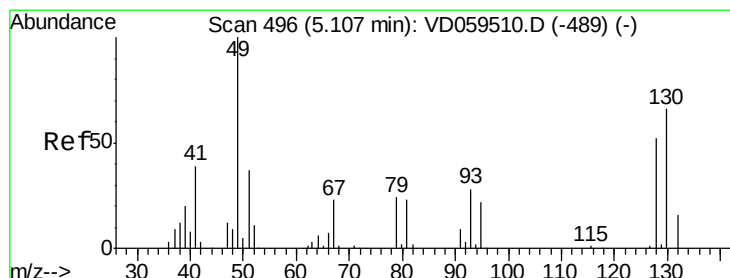
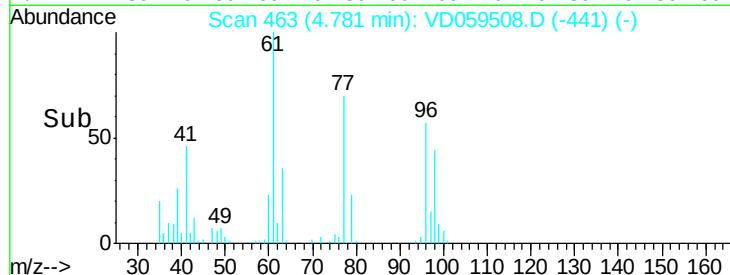
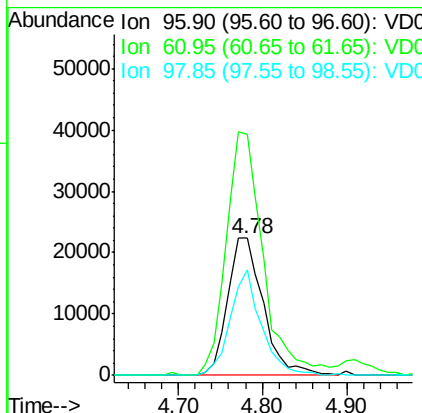
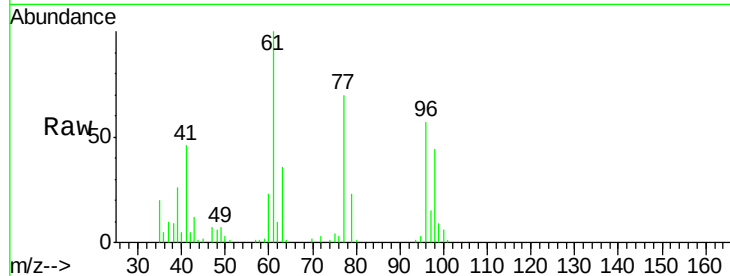


#27

cis-1,2-Dichloroethene
Concen: 10.360 ug/l
RT: 4.78 min Scan# 463
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

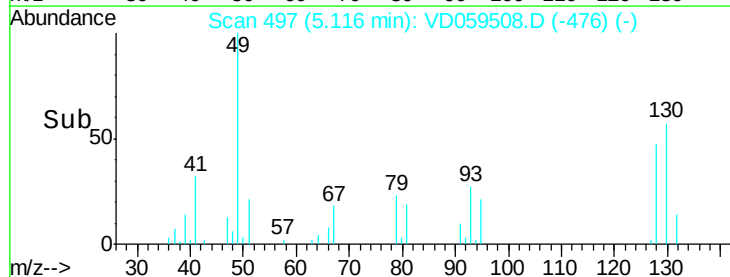
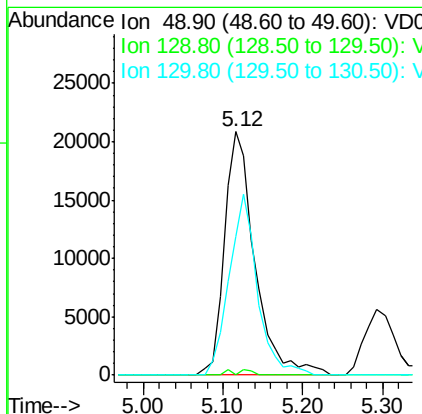
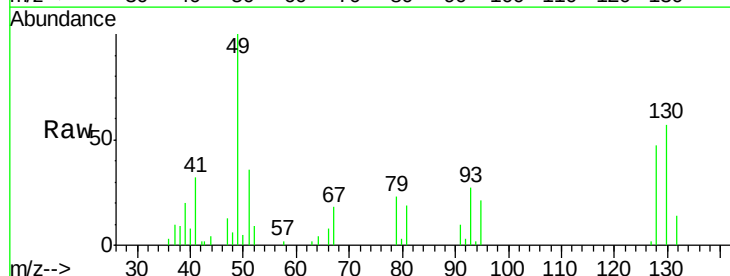
Tgt Ion: 96 Resp: 66023
Ion Ratio Lower Upper
96 100
61 175.6 0.0 350.8
98 76.4 0.0 123.4

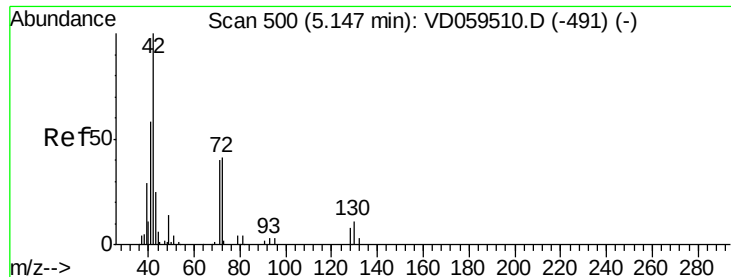


#28

Bromochloromethane
Concen: 12.669 ug/l
RT: 5.12 min Scan# 497
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 49 Resp: 55566
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 57.1 52.6 78.8

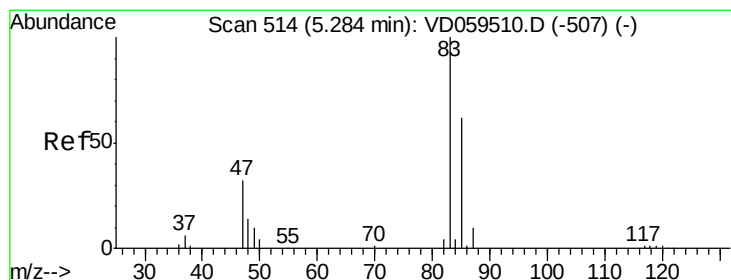
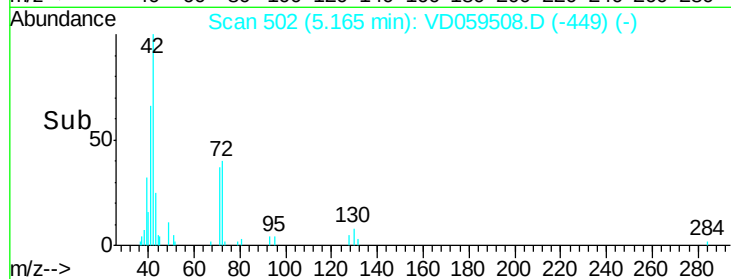
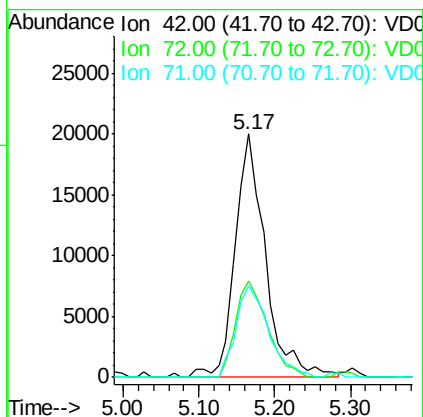
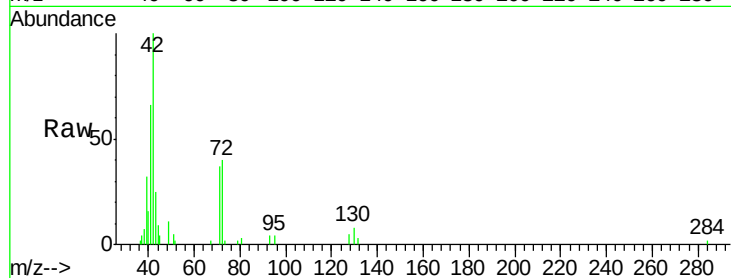




#29
Tetrahydrofuran
Concen: 57.711 ug/l
RT: 5.17 min Scan# 502
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

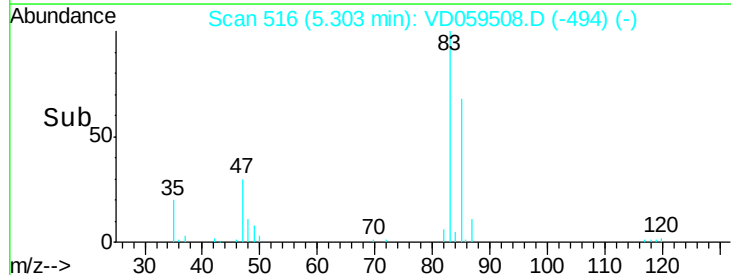
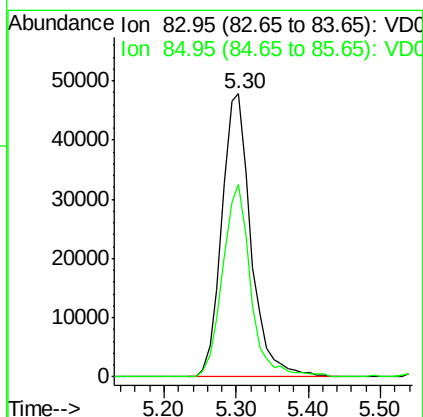
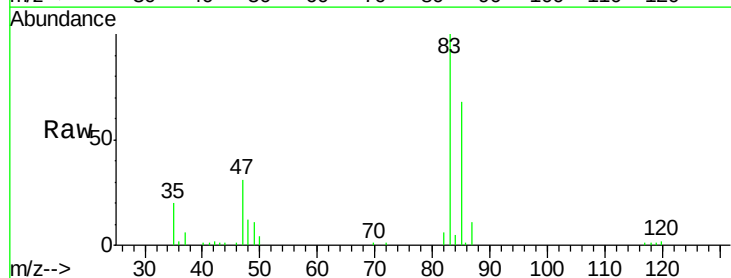
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

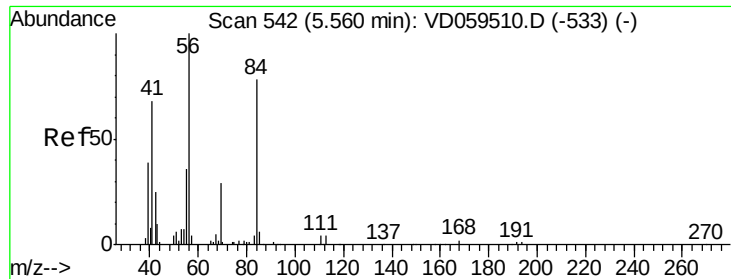
Tgt Ion: 42 Resp: 55546
Ion Ratio Lower Upper
42 100
72 41.4 32.9 49.3
71 40.3 31.6 47.4



#30
Chloroform
Concen: 11.501 ug/l
RT: 5.30 min Scan# 516
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 83 Resp: 133626
Ion Ratio Lower Upper
83 100
85 68.0 49.8 74.6

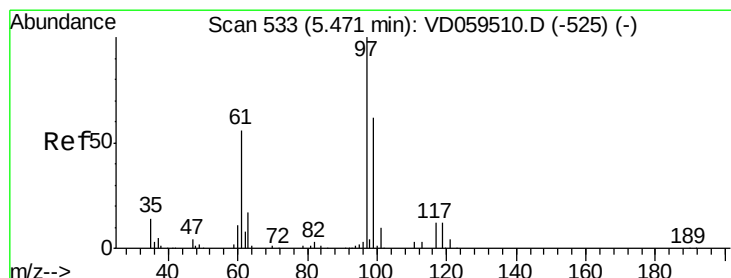
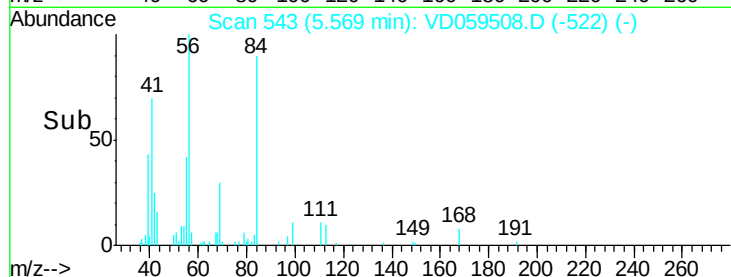
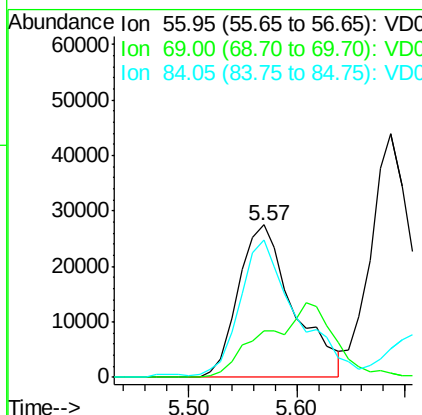
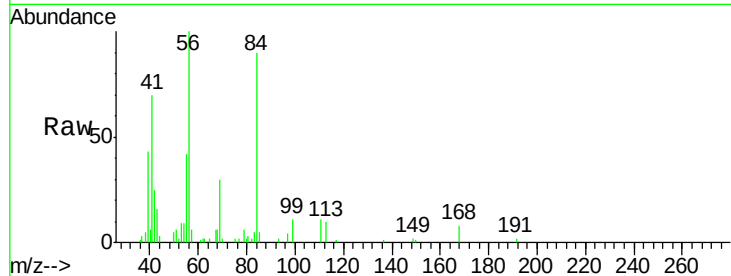




#31
Cyclohexane
Concen: 11.949 ug/l
RT: 5.57 min Scan# 543
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

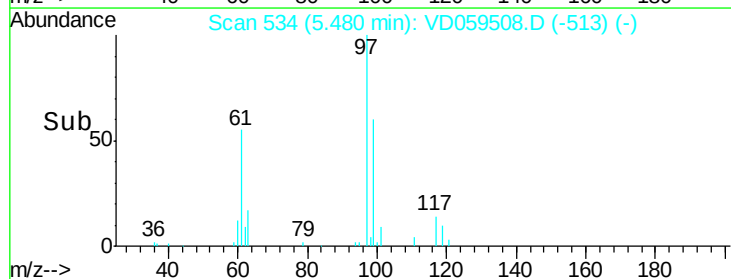
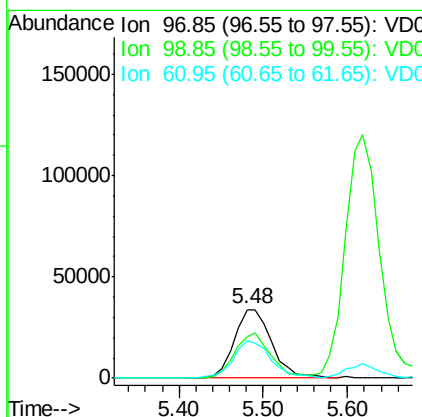
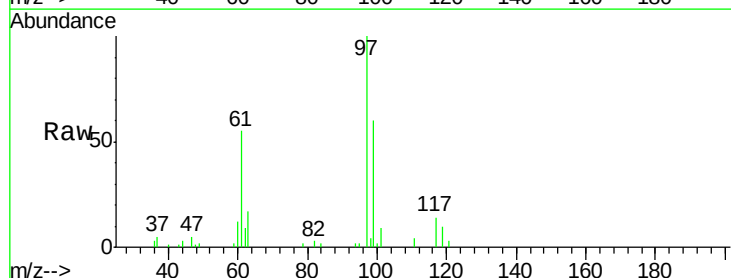
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

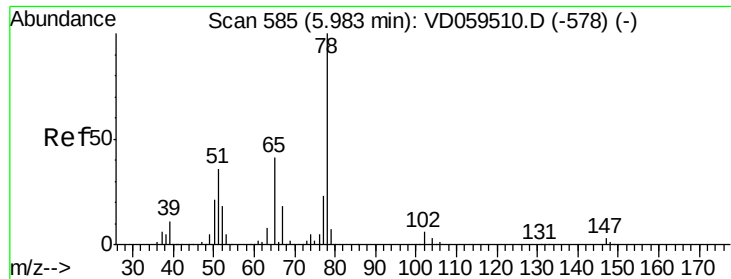
Tgt Ion: 56 Resp: 97411
Ion Ratio Lower Upper
56 100
69 30.4 22.9 34.3
84 90.2 63.4 95.0



#32
1,1,1-Trichloroethane
Concen: 11.181 ug/l
RT: 5.48 min Scan# 534
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 97 Resp: 104386
Ion Ratio Lower Upper
97 100
99 60.2 49.6 74.4
61 55.4 44.8 67.2

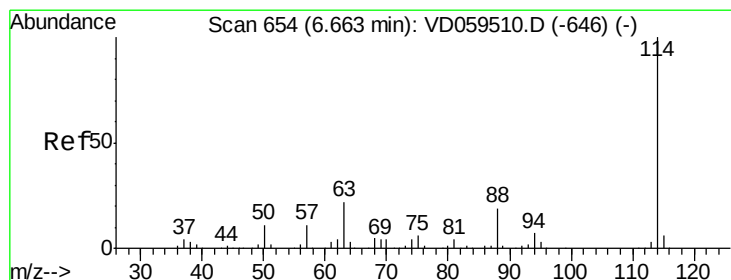
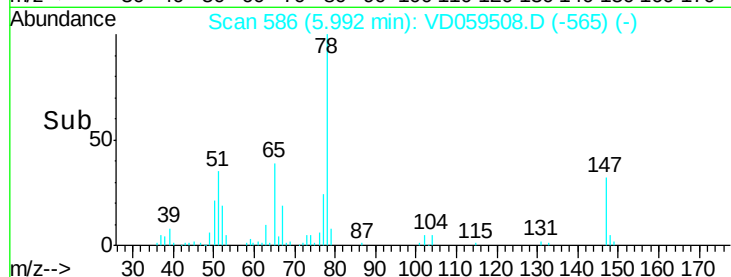
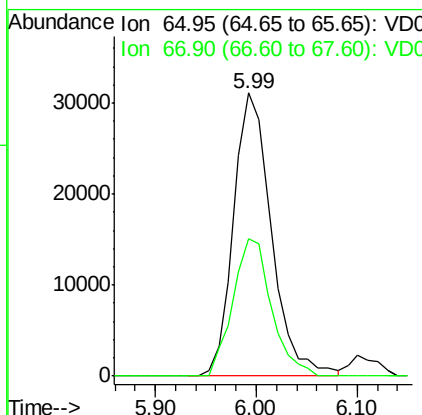
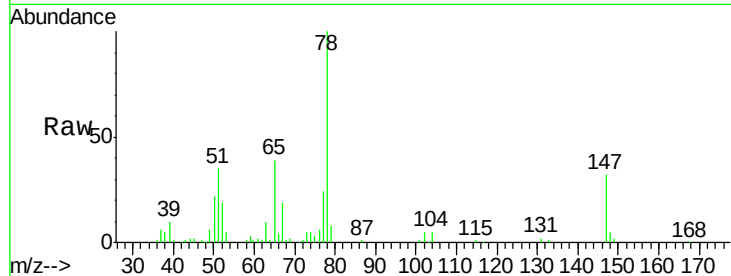




#33
 1,2-Dichloroethane-d4
 Concen: 11.181 ug/l
 RT: 5.99 min Scan# 586
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

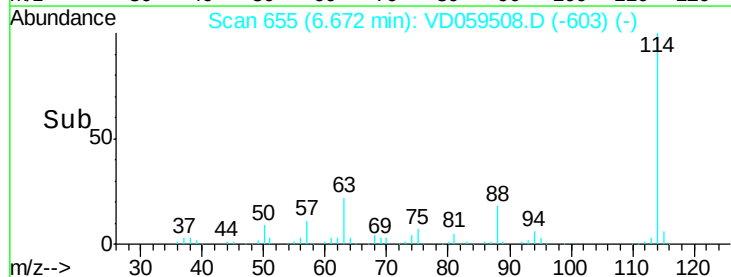
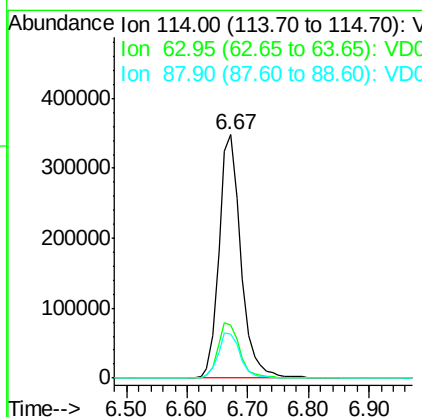
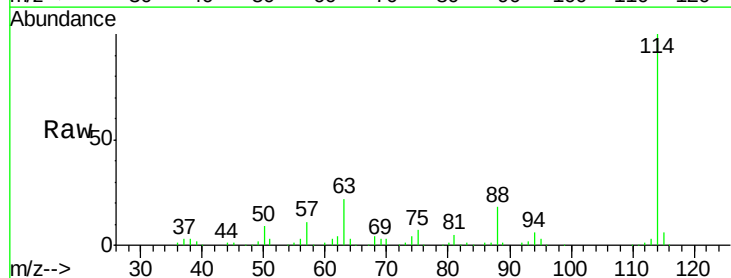
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

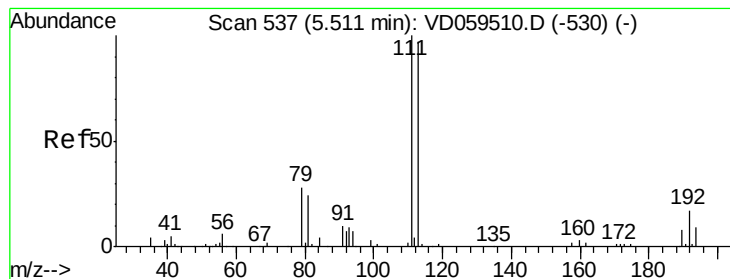
Tgt Ion: 65 Resp: 81367
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 90.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.67 min Scan# 655
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 114 Resp: 871954
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 44.4
 88 18.2 0.0 37.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 5.53 min Scan# 539

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

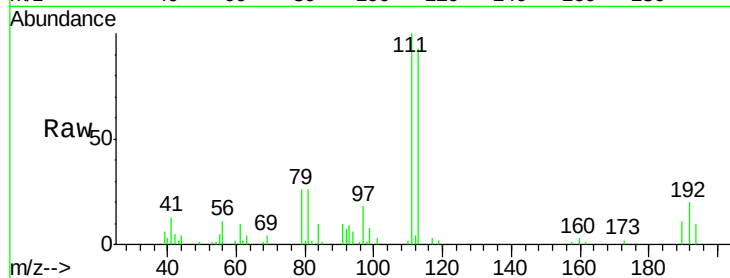
Tgt Ion:113 Resp: 76987

Ion Ratio Lower Upper

113 100

111 107.1 82.7 124.1

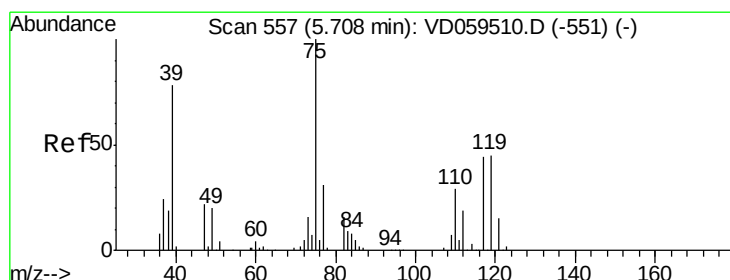
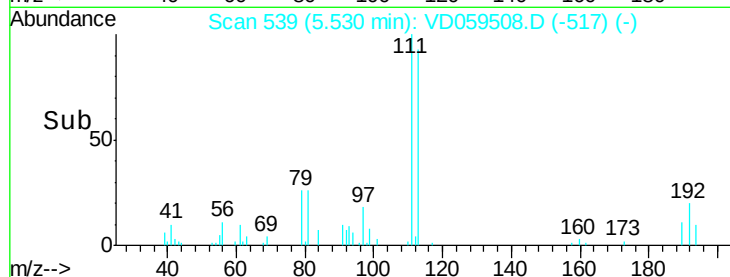
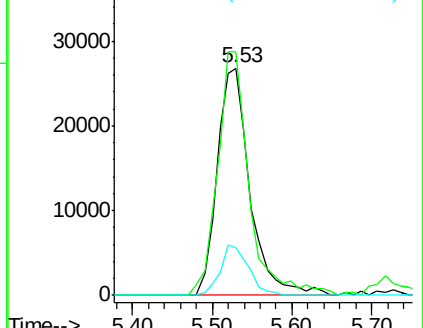
192 21.3 14.2 21.2#



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 11.615 ug/l

RT: 5.73 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

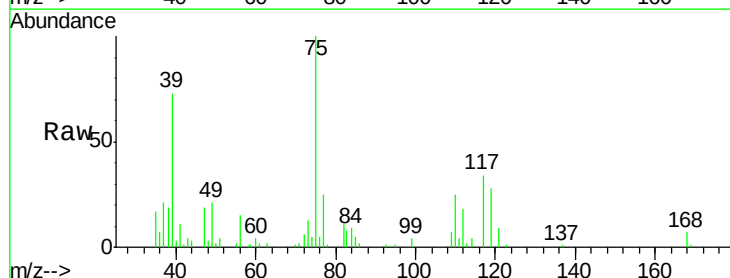
Tgt Ion: 75 Resp: 96798

Ion Ratio Lower Upper

75 100

110 25.1 14.4 43.4

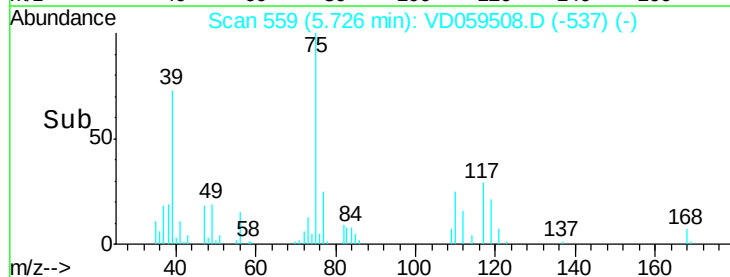
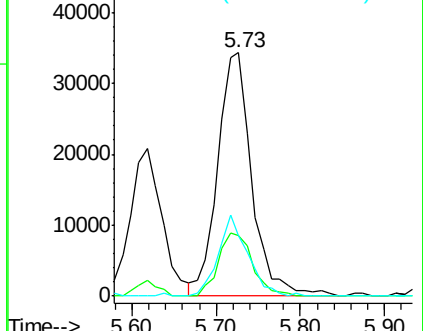
77 25.0 25.0 37.6

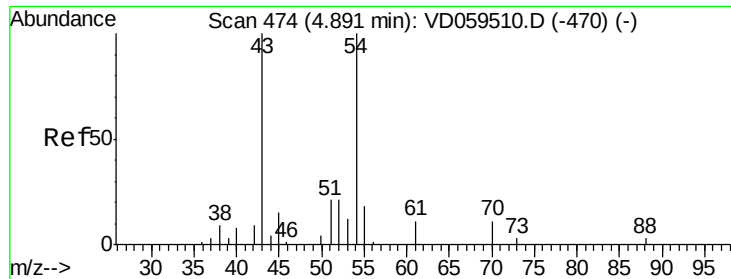


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 10.779 ug/l

RT: 4.91 min Scan# 476

Delta R.T. 0.02 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

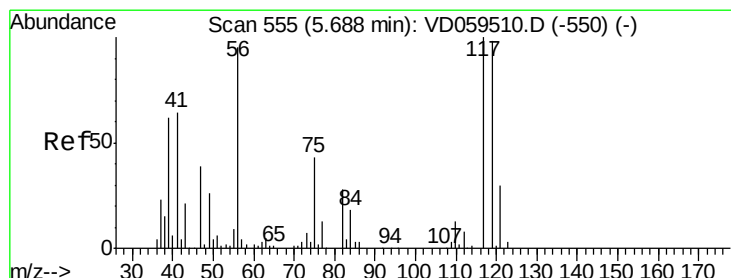
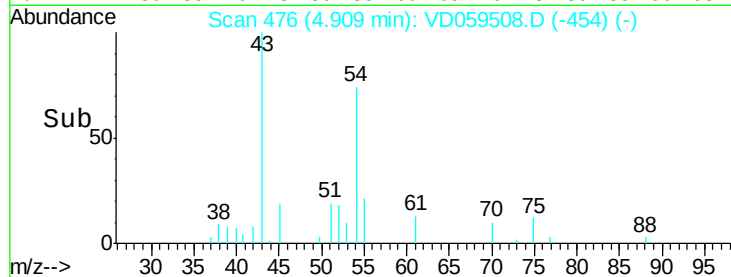
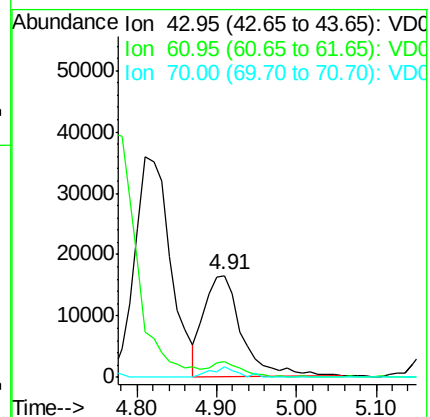
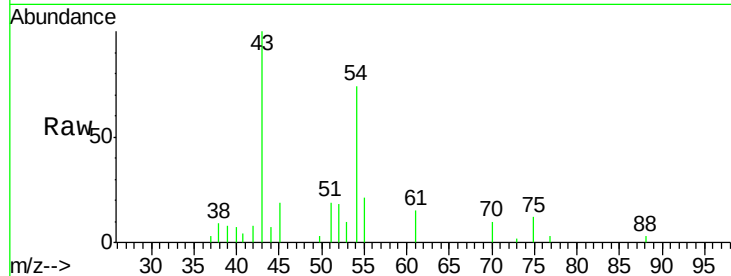
Tgt Ion: 43 Resp: 53443

Ion Ratio Lower Upper

43 100

61 15.0 11.5 17.3

70 10.0 6.8 10.2



#38

Carbon Tetrachloride

Concen: 10.245 ug/l

RT: 5.70 min Scan# 556

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

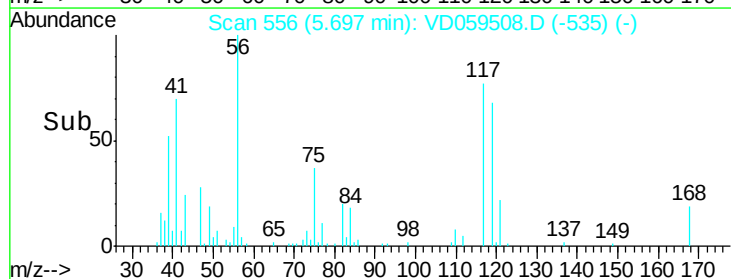
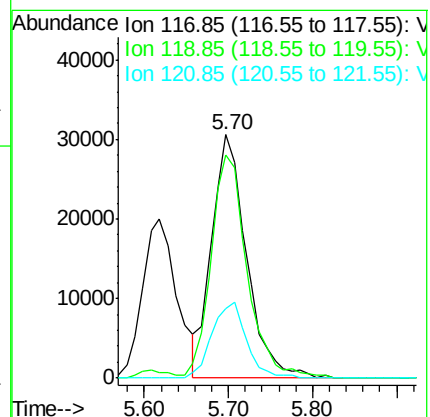
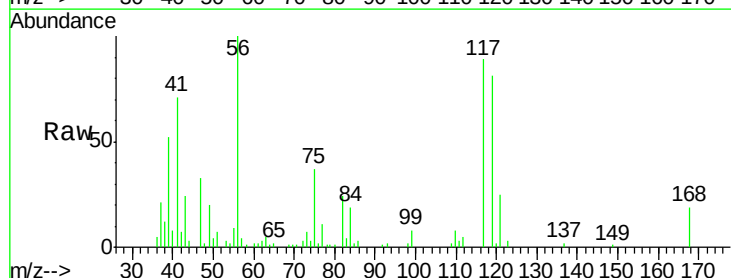
Tgt Ion: 117 Resp: 87788

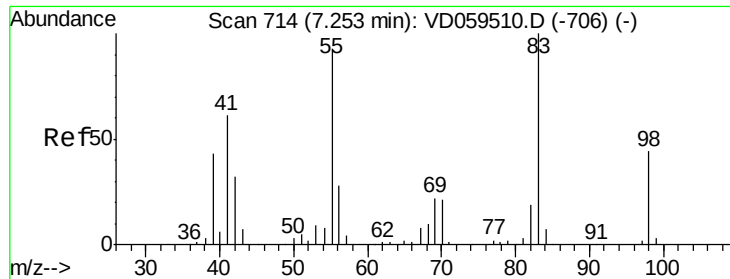
Ion Ratio Lower Upper

117 100

119 91.6 76.4 114.6

121 28.3 23.9 35.9

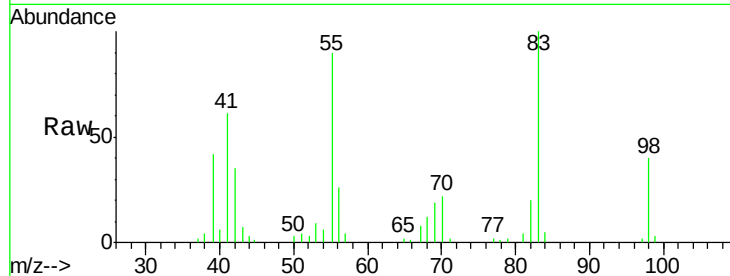




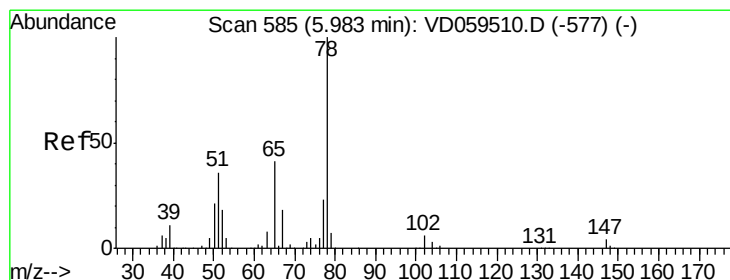
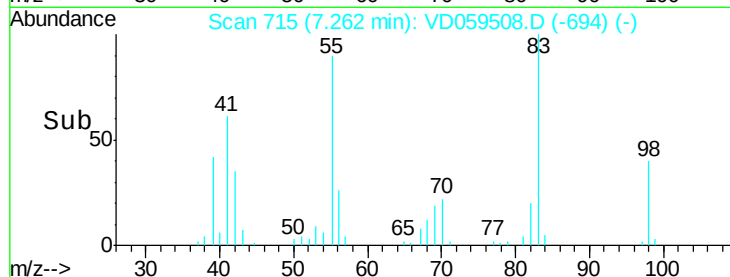
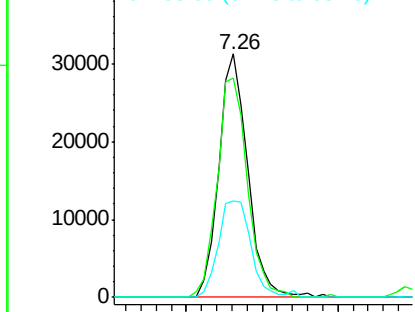
#39
Methylcyclohexane
Concen: 10.461 ug/l
RT: 7.26 min Scan# 715
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 82839
Ion Ratio Lower Upper
83 100
55 90.3 74.2 111.4
98 39.7 35.5 53.3

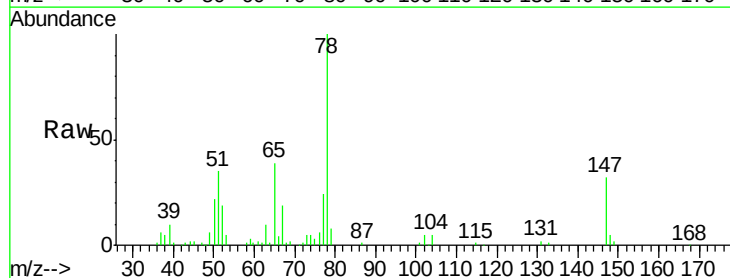


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

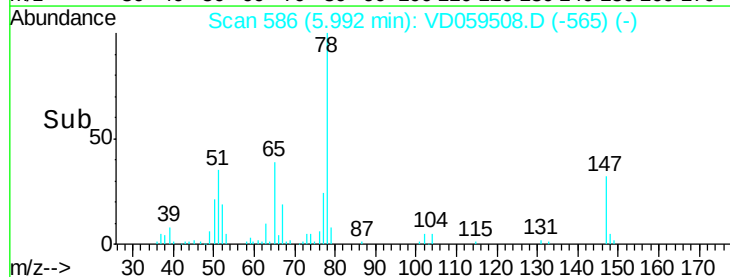
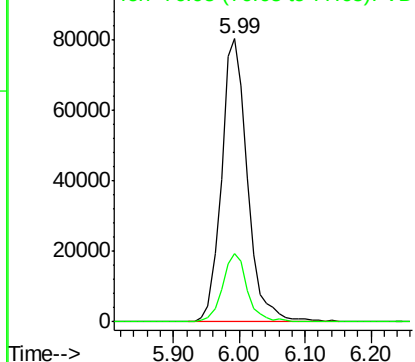


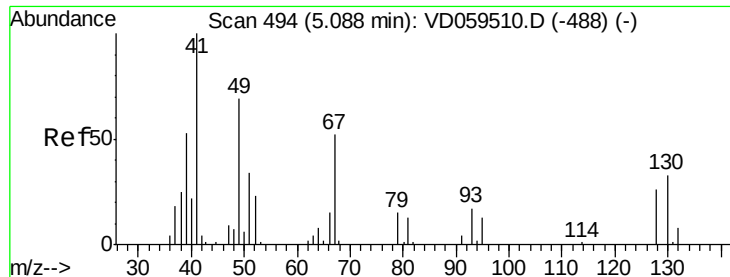
#40
Benzene
Concen: 11.052 ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 78 Resp: 220759
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8



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

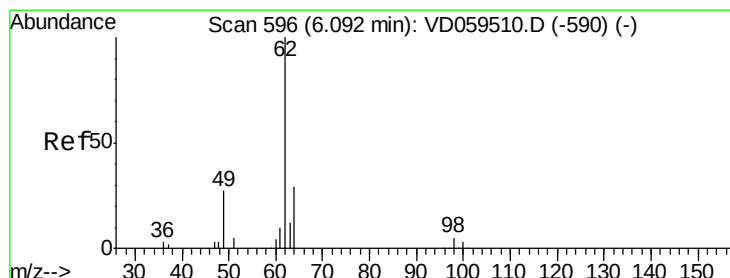
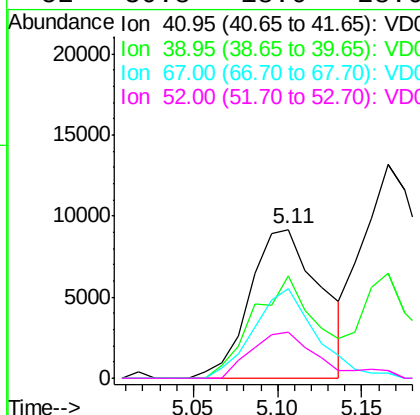
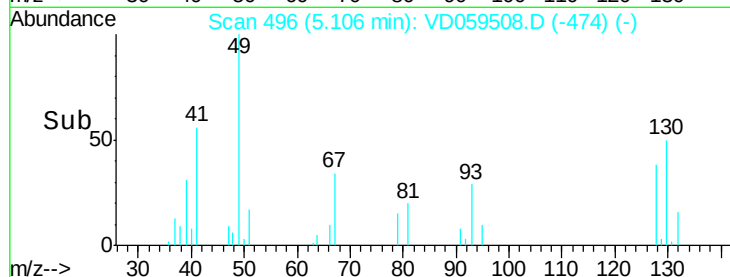
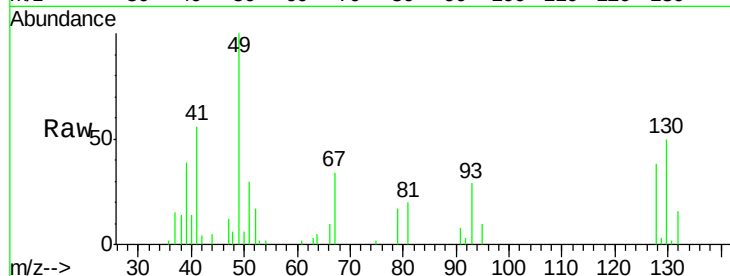




#41
Methacrylonitrile
Concen: 11.151 ug/l
RT: 5.11 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

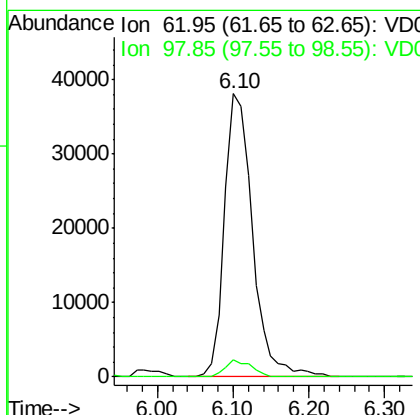
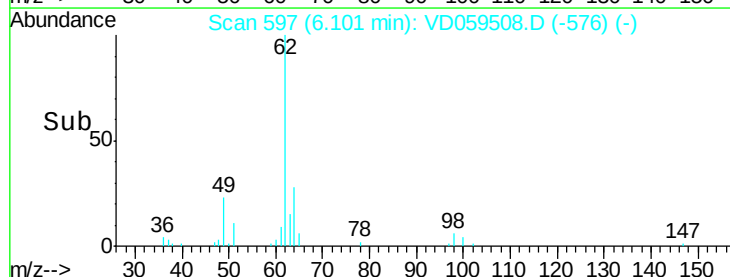
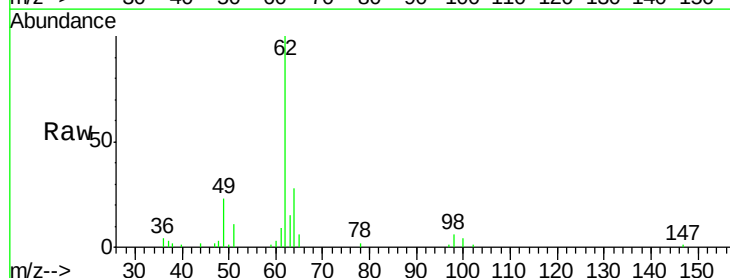
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

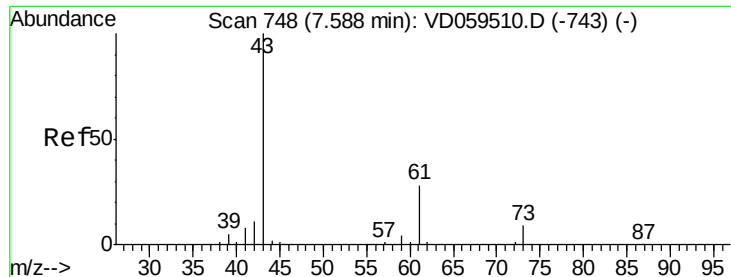
Tgt Ion:	41	Resp:	26907
Ion	Ratio	Lower	Upper
41	100		
39	69.2	43.0	64.4#
67	60.3	41.4	62.2
52	30.8	18.6	28.0#



#42
1,2-Dichloroethane
Concen: 11.157 ug/l
RT: 6.10 min Scan# 597
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion:	62	Resp:	97782
Ion	Ratio	Lower	Upper
62	100		
98	6.1	0.0	10.0





#43

Isopropyl Acetate

Concen: 10.722 ug/l

RT: 7.60 min Scan# 749

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

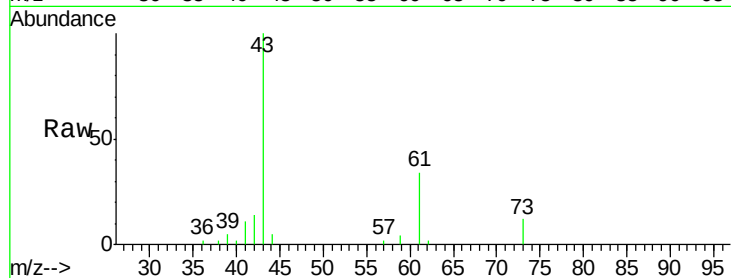
Tgt Ion: 43 Resp: 67664

Ion Ratio Lower Upper

43 100

61 33.7 22.3 33.5#

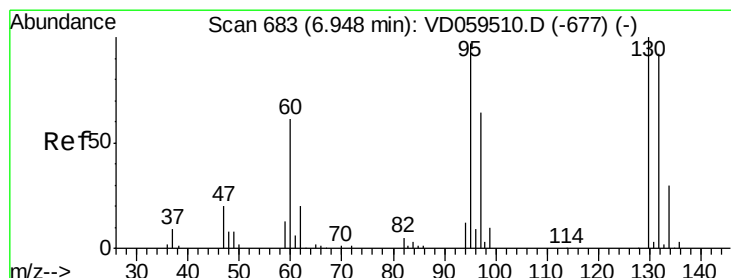
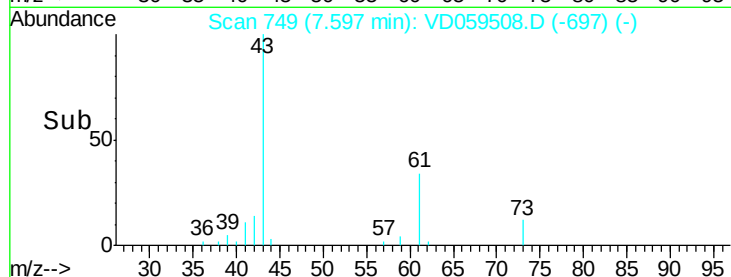
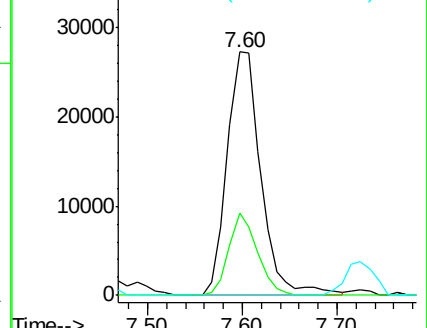
87 0.0 0.4 0.6#



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: 9.874 ug/l

RT: 6.96 min Scan# 684

Delta R.T. 0.01 min

Lab File: VD059508.D

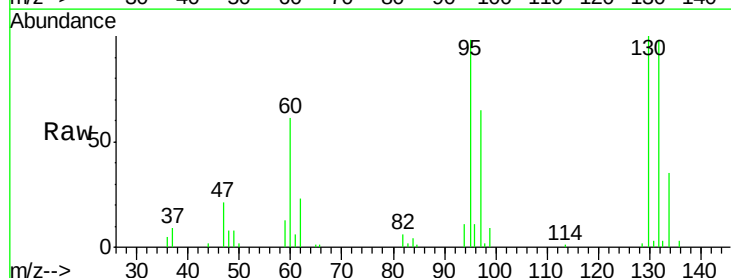
Acq: 2 Jul 2018 17:35

Tgt Ion: 130 Resp: 63961

Ion Ratio Lower Upper

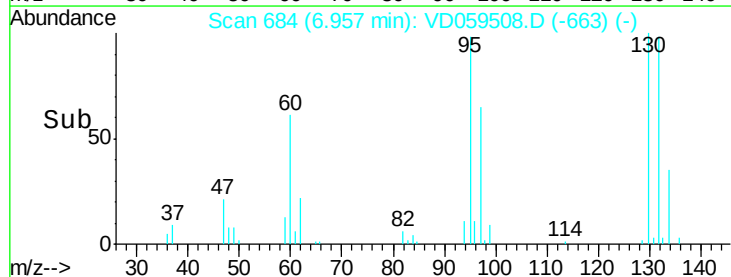
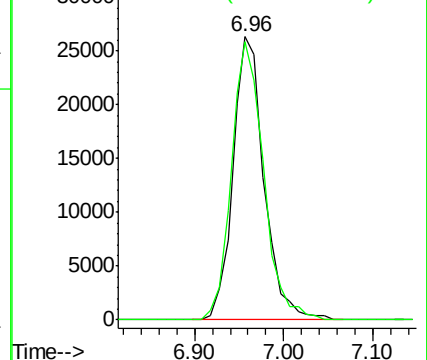
130 100

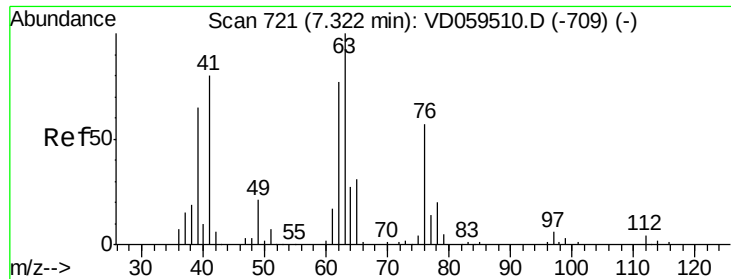
95 98.4 0.0 193.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

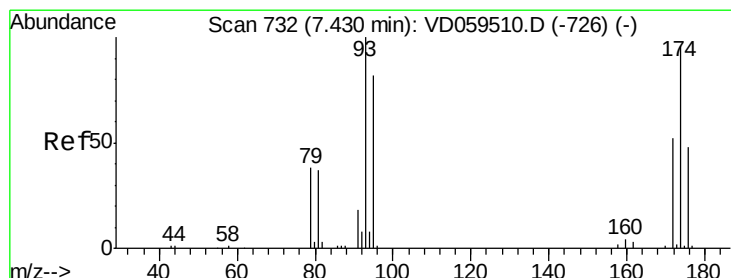
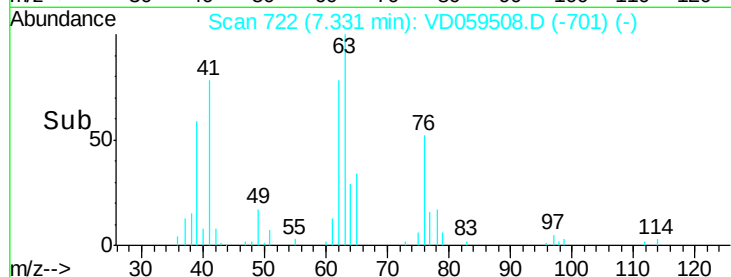
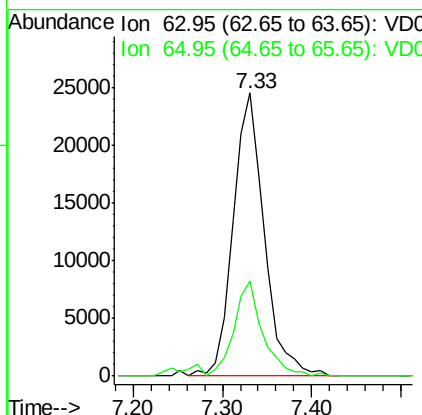
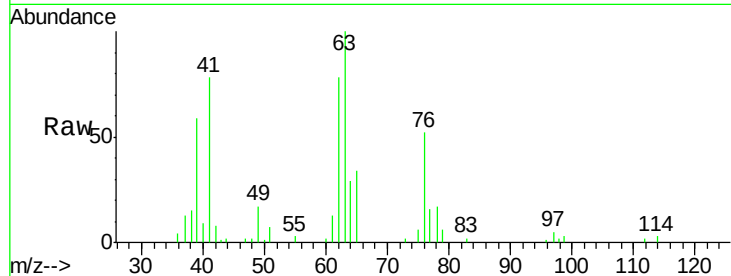




#45
 1,2-Dichloropropane
 Concen: 10.866 ug/l
 RT: 7.33 min Scan# 722
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

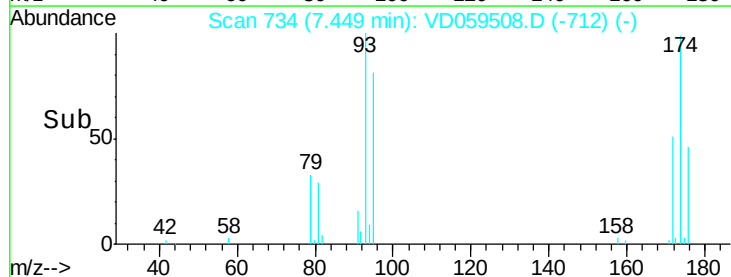
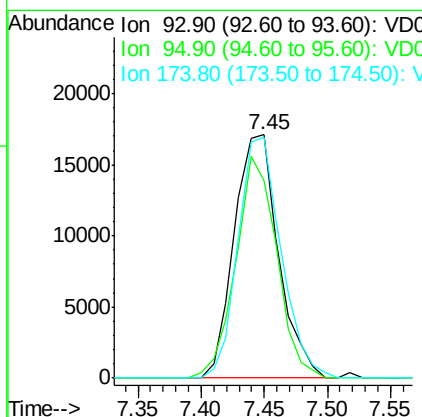
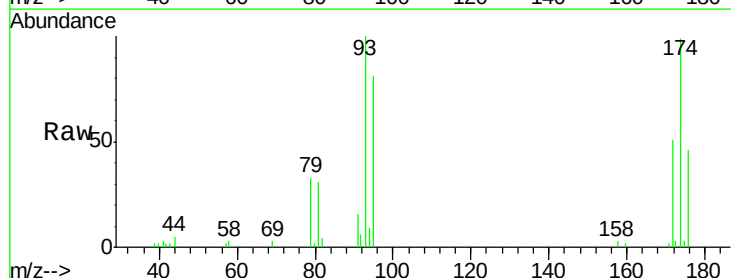
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

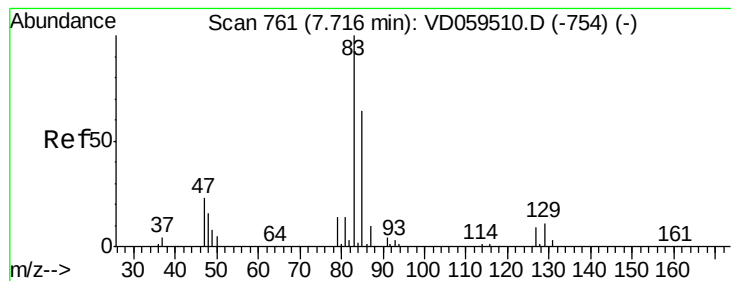
Tgt Ion: 63 Resp: 59801
 Ion Ratio Lower Upper
 63 100
 65 33.6 24.4 36.6



#46
 Dibromomethane
 Concen: 10.700 ug/l
 RT: 7.45 min Scan# 734
 Delta R.T. 0.02 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 93 Resp: 41700
 Ion Ratio Lower Upper
 93 100
 95 81.0 65.7 98.5
 174 98.9 77.2 115.8





#47

Bromodichloromethane

Concen: 10.462 ug/l

RT: 7.72 min Scan# 762

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

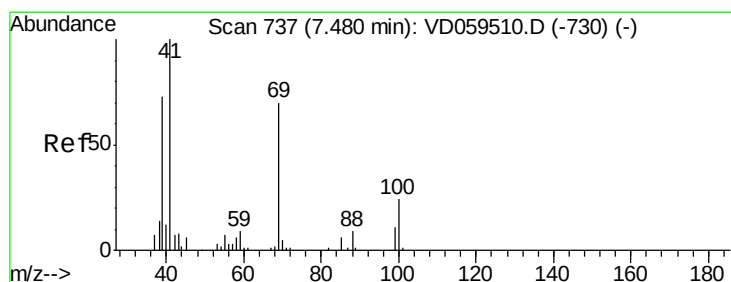
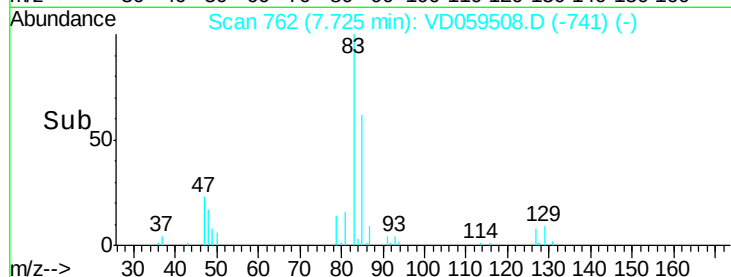
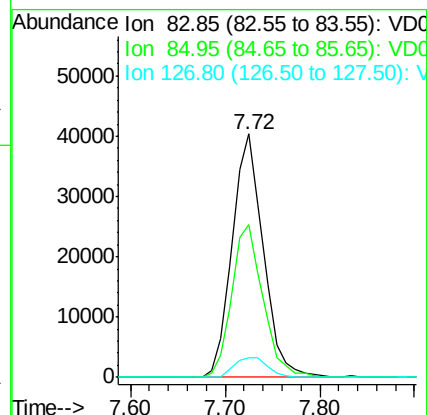
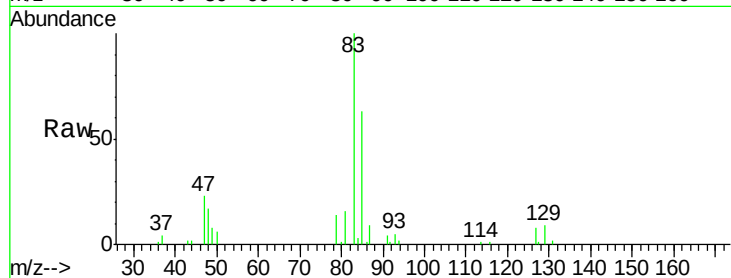
Tgt Ion: 83 Resp: 91768

Ion Ratio Lower Upper

83 100

85 62.9 51.0 76.4

127 8.8 7.0 10.6



#48

Methyl methacrylate

Concen: 11.099 ug/l

RT: 7.49 min Scan# 738

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

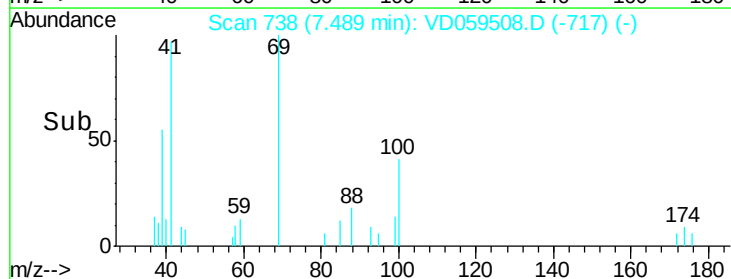
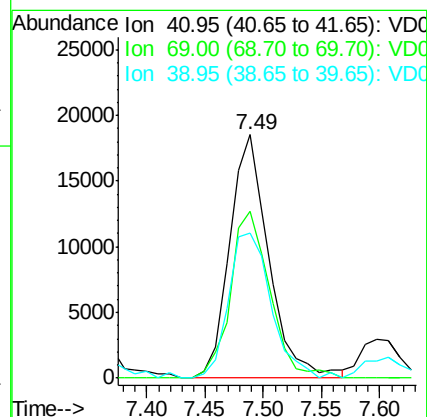
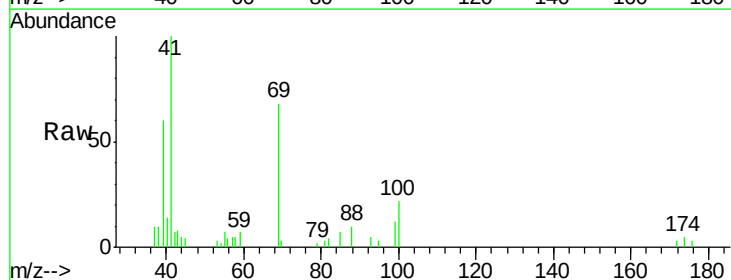
Tgt Ion: 41 Resp: 43054

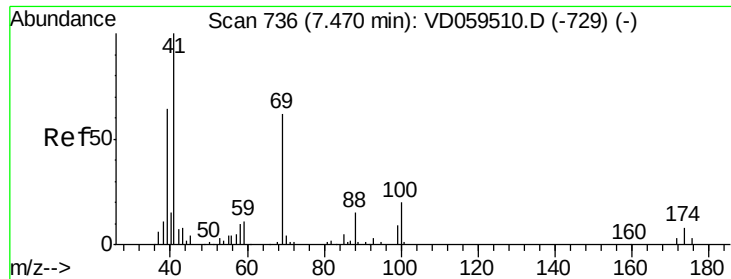
Ion Ratio Lower Upper

41 100

69 68.4 55.8 83.8

39 59.6 58.7 88.1

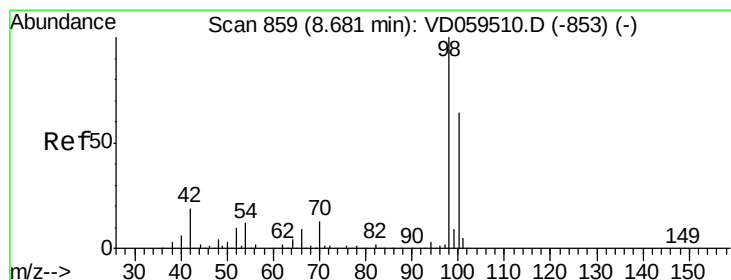
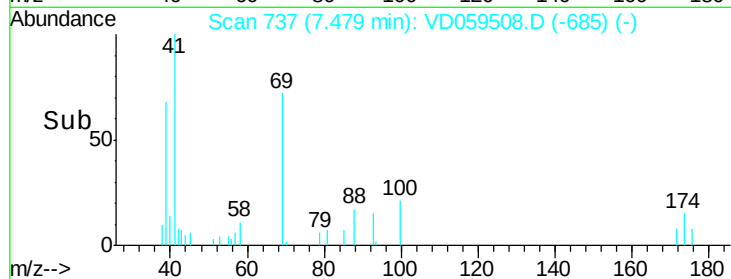
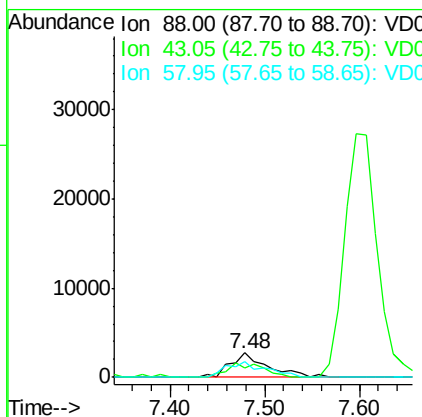
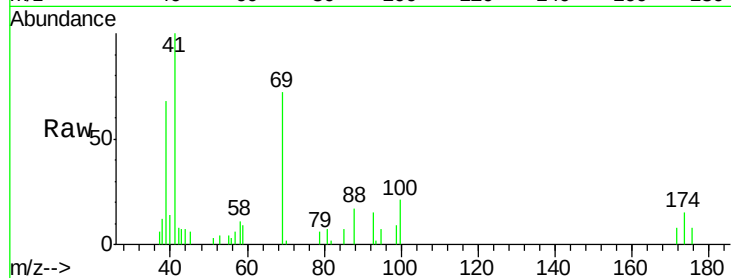




#49
1,4-Dioxane
Concen: 192.114 ug/l
RT: 7.48 min Scan# 737
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

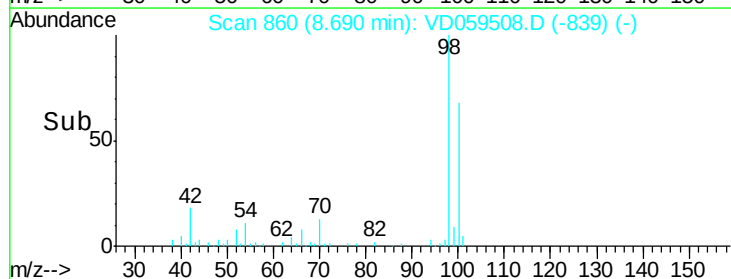
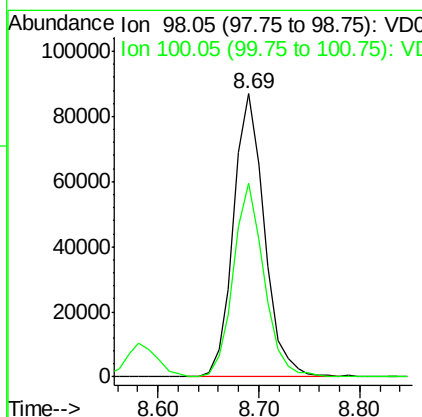
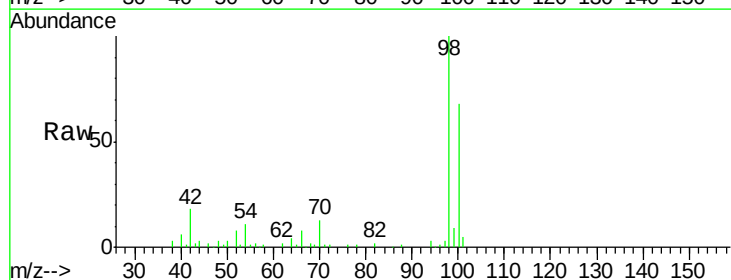
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

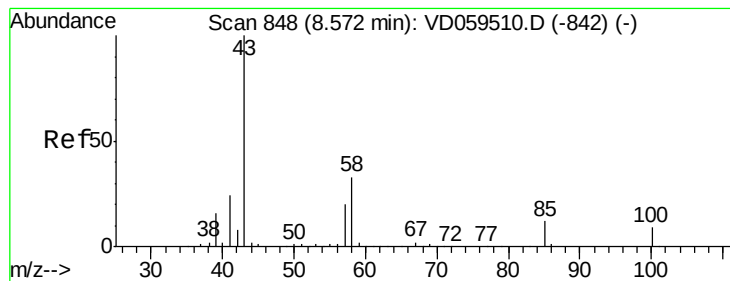
Tgt Ion: 88 Resp: 7412
Ion Ratio Lower Upper
88 100
43 40.4 41.4 62.0#
58 66.4 49.4 74.2



#50
Toluene-d8
Concen: 192.114 ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 98 Resp: 184771
Ion Ratio Lower Upper
98 100
100 68.4 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 57.496 ug/l

RT: 8.58 min Scan# 849

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

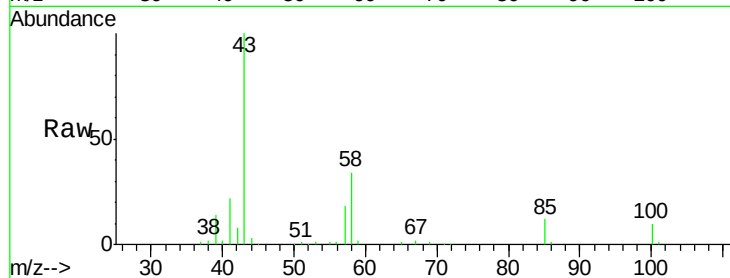
VSTDIC010

Tgt Ion: 43 Resp: 240651

Ion Ratio Lower Upper

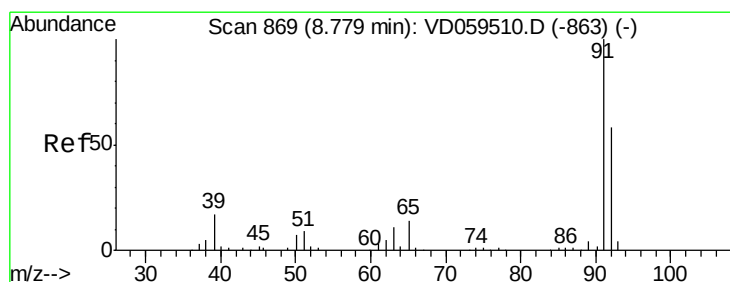
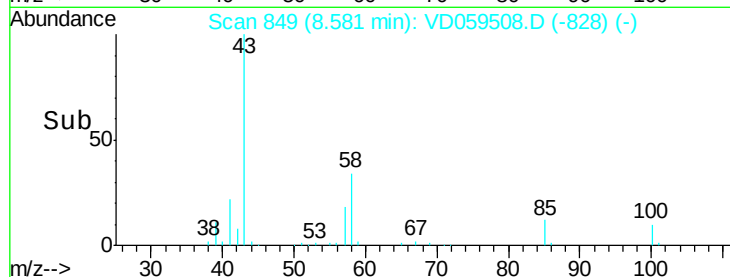
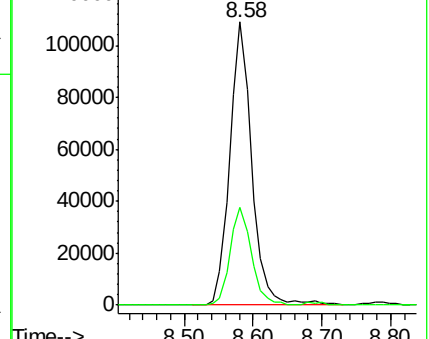
43 100

58 34.4 26.7 40.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 10.465 ug/l

RT: 8.79 min Scan# 870

Delta R.T. 0.01 min

Lab File: VD059508.D

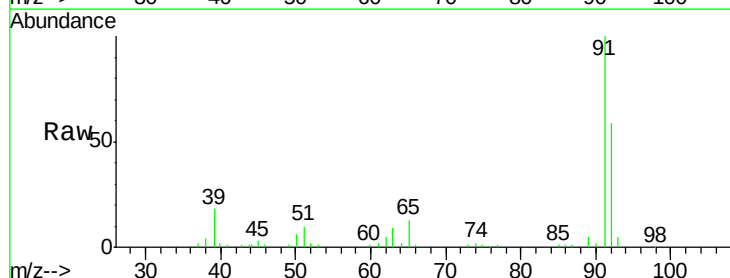
Acq: 2 Jul 2018 17:35

Tgt Ion: 92 Resp: 123236

Ion Ratio Lower Upper

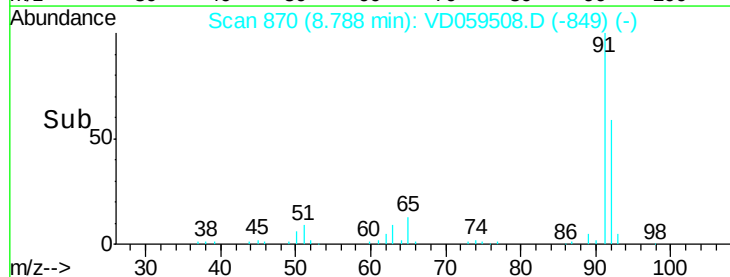
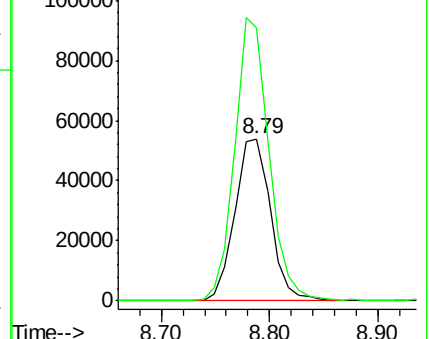
92 100

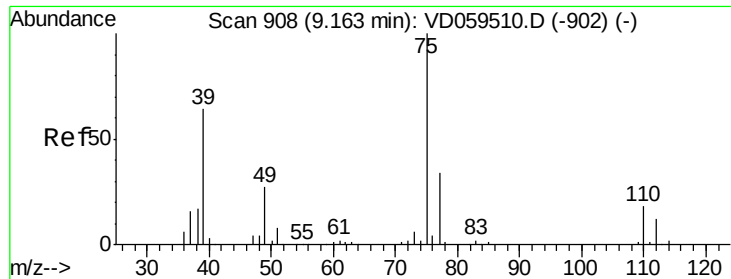
91 169.1 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

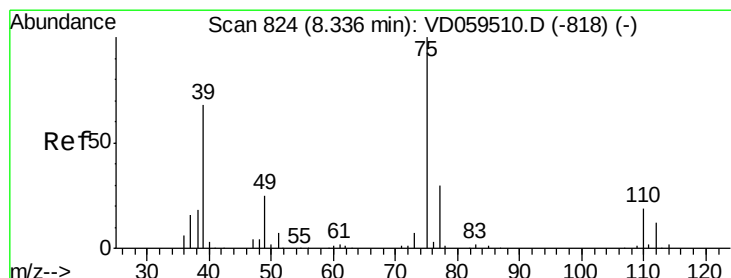
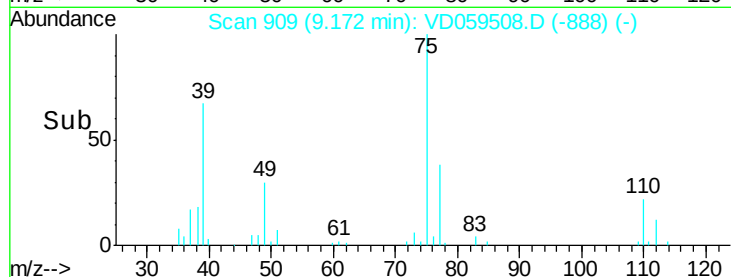
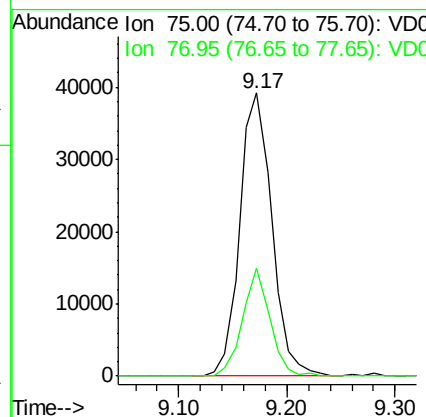
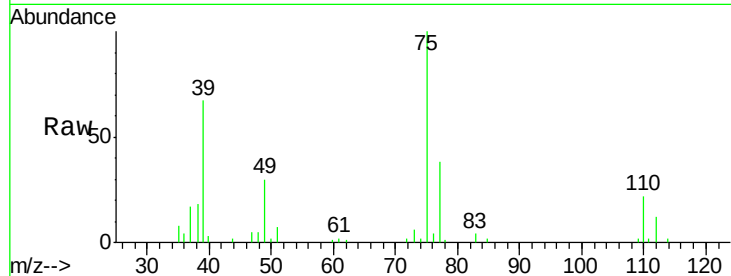




#53
 t-1,3-Dichloropropene
 Concen: 10.803 ug/l
 RT: 9.17 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

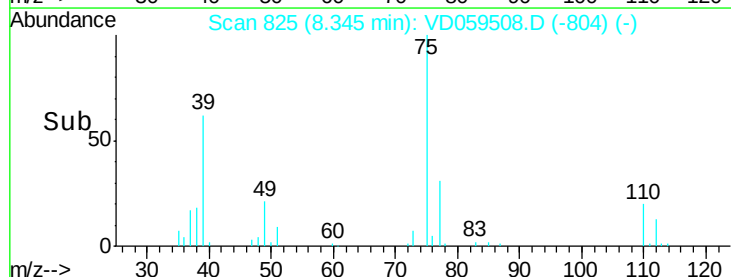
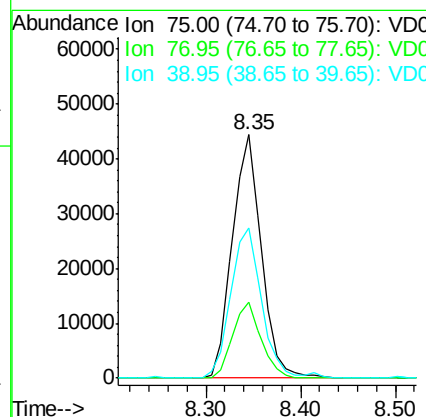
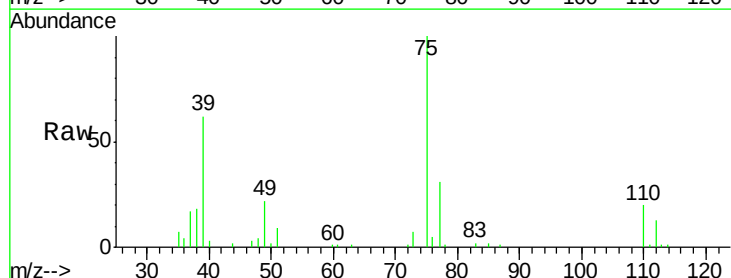
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

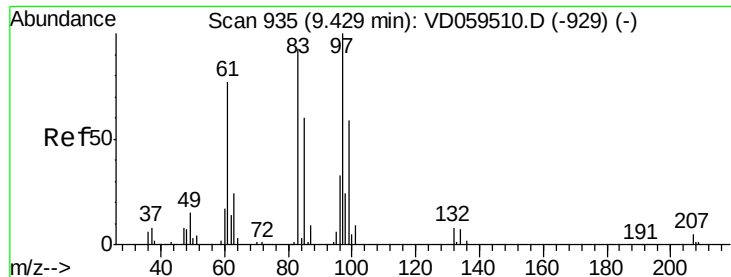
Tgt Ion: 75 Resp: 80762
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.9 40.3



#54
 cis-1,3-Dichloropropene
 Concen: 10.895 ug/l
 RT: 8.35 min Scan# 825
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 75 Resp: 94385
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.4 36.6
 39 61.7 54.7 82.1

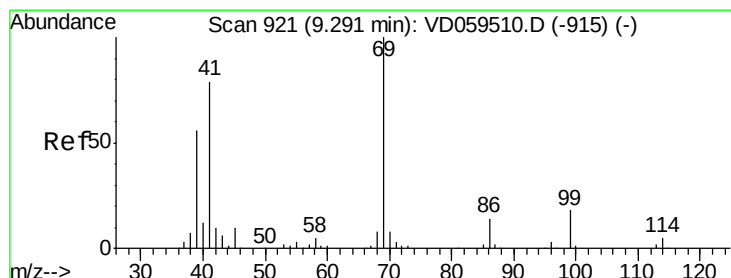
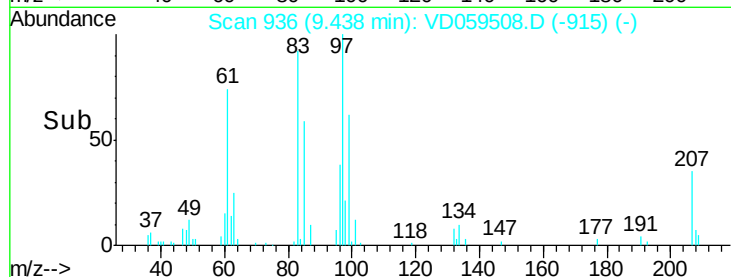
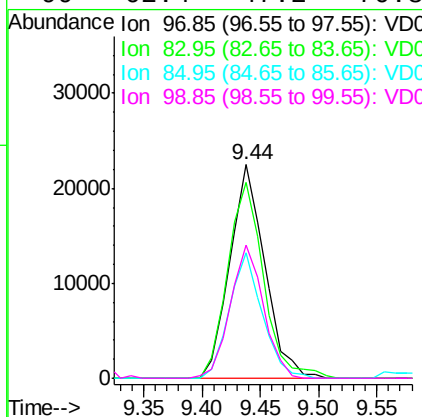
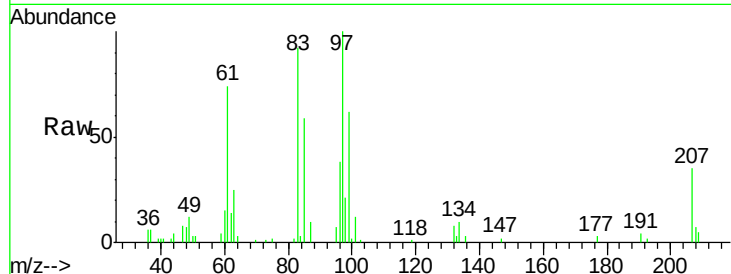




#55
 1,1,2-Trichloroethane
 Concen: 11.061 ug/l
 RT: 9.44 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

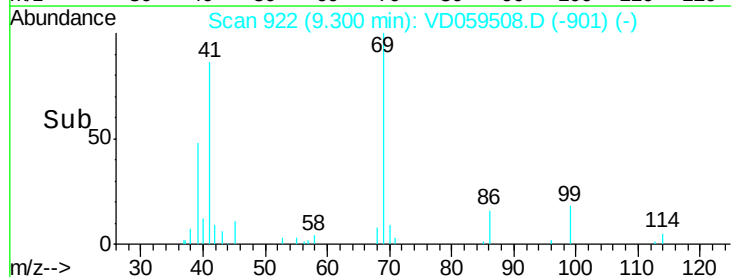
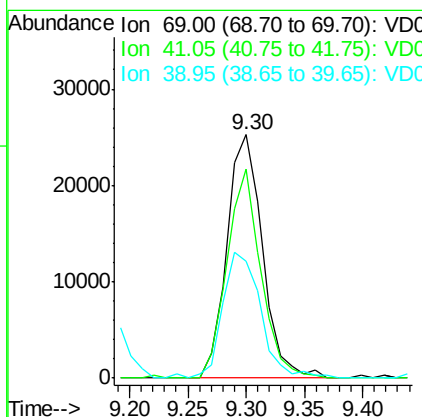
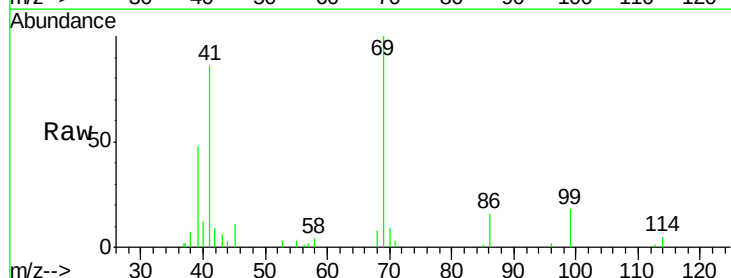
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

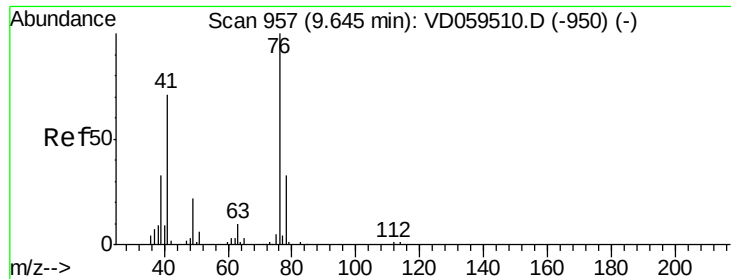
Tgt Ion: 97 Resp: 46687
 Ion Ratio Lower Upper
 97 100
 83 92.0 74.3 111.5
 85 58.6 48.1 72.1
 99 62.4 47.2 70.8



#56
 Ethyl methacrylate
 Concen: 10.853 ug/l
 RT: 9.30 min Scan# 922
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 69 Resp: 53251
 Ion Ratio Lower Upper
 69 100
 41 86.0 63.4 95.0
 39 48.0 45.0 67.6





#57

1,3-Dichloropropane

Concen: 11.265 ug/l

RT: 9.64 min Scan# 957

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

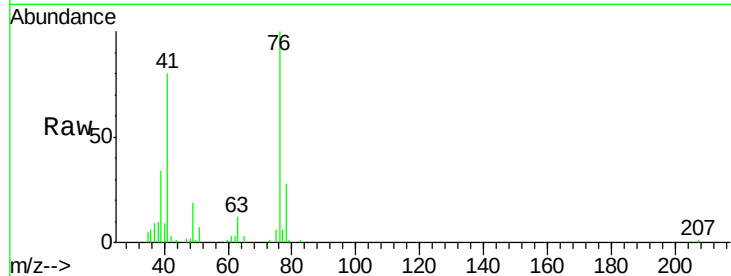
VSTDIC010

Tgt Ion: 76 Resp: 79185

Ion Ratio Lower Upper

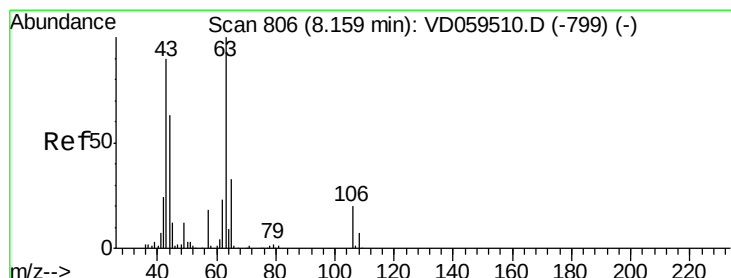
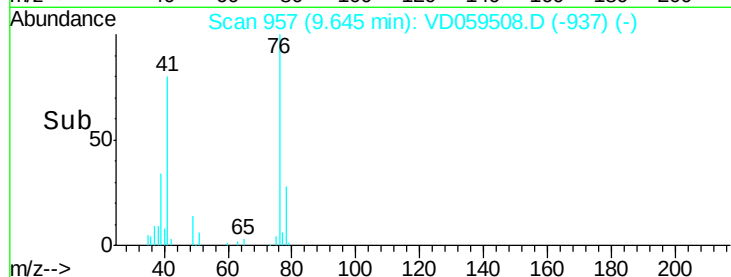
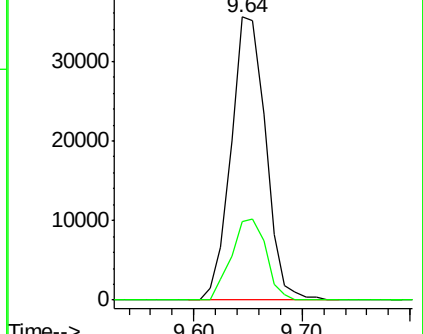
76 100

78 27.8 26.5 39.7



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 47.005 ug/l

RT: 8.18 min Scan# 808

Delta R.T. 0.02 min

Lab File: VD059508.D

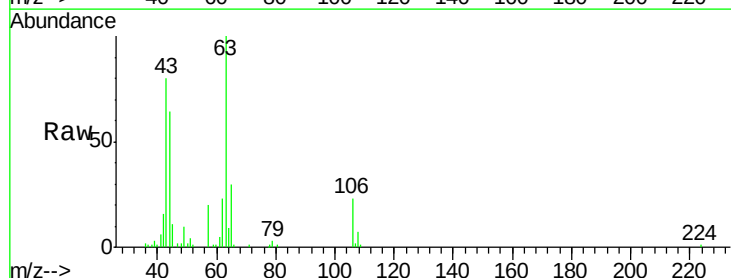
Acq: 2 Jul 2018 17:35

Tgt Ion: 63 Resp: 118564

Ion Ratio Lower Upper

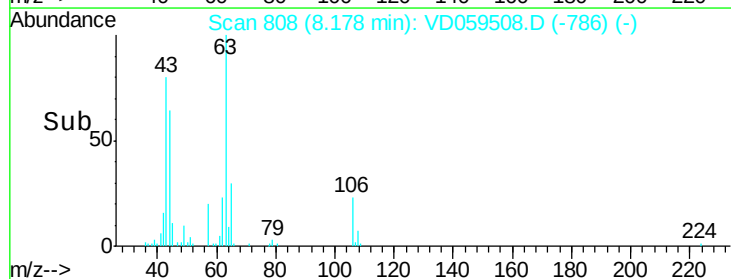
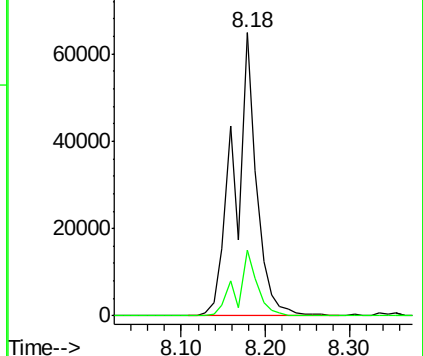
63 100

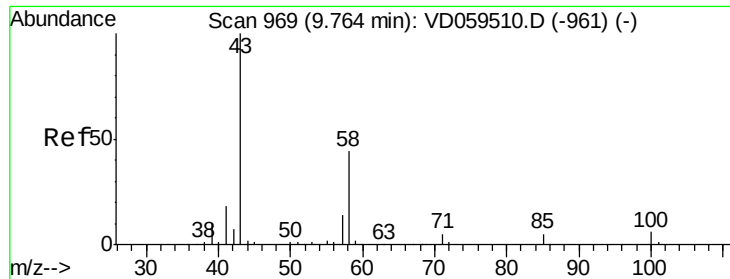
106 23.2 16.4 24.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

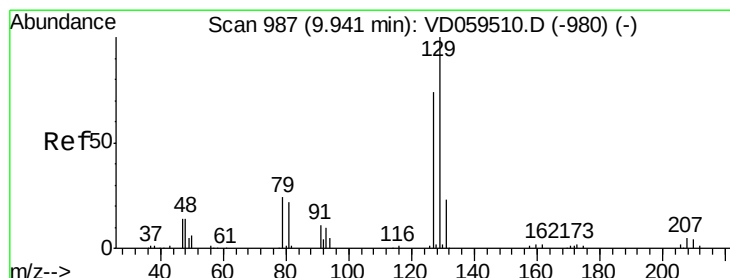
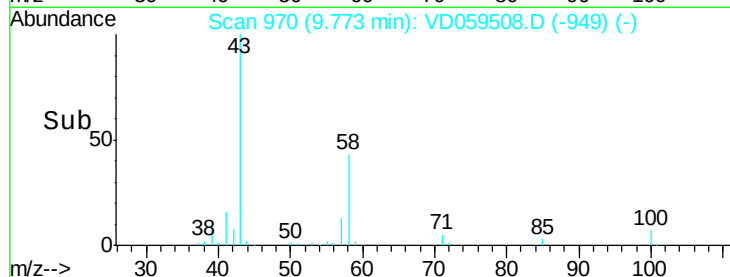
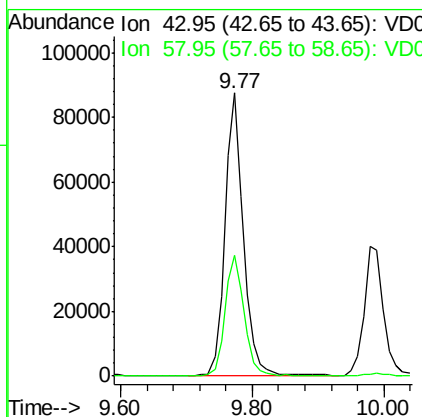
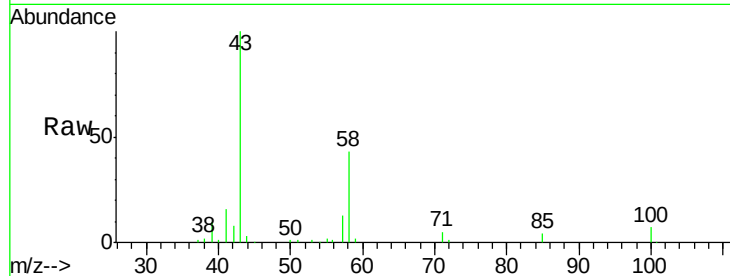




#59
2-Hexanone
Concen: 57.863 ug/l
RT: 9.77 min Scan# 970
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

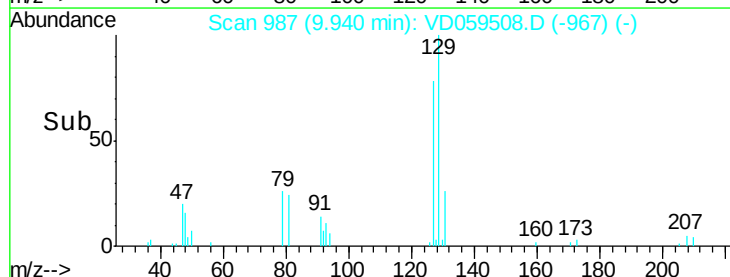
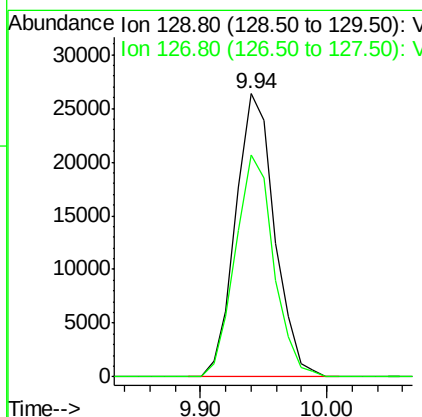
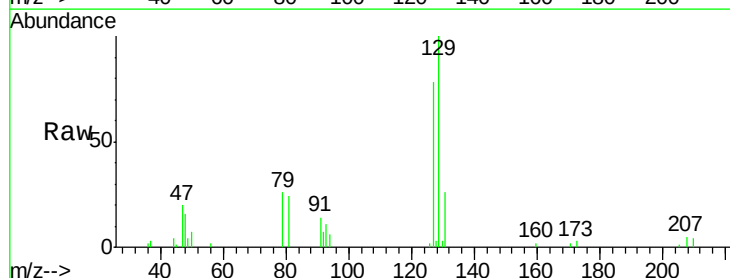
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

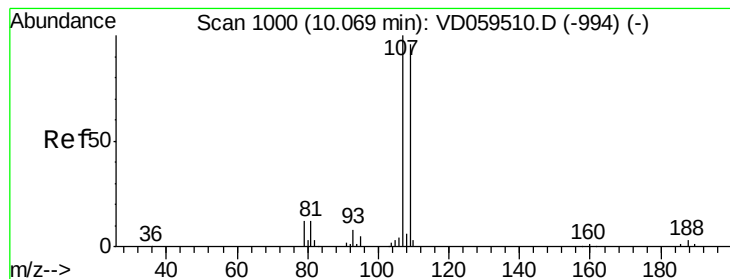
Tgt Ion: 43 Resp: 171434
Ion Ratio Lower Upper
43 100
58 42.7 22.0 66.0



#60
Dibromochloromethane
Concen: 9.463 ug/l
RT: 9.94 min Scan# 987
Delta R.T. -0.00 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion: 129 Resp: 56392
Ion Ratio Lower Upper
129 100
127 78.3 37.2 111.6





#61

1,2-Dibromoethane

Concen: 9.963 ug/l

RT: 10.08 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

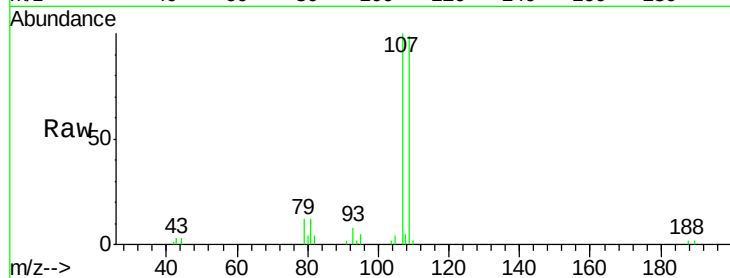
VSTDIC010

Tgt Ion: 107 Resp: 47264

Ion Ratio Lower Upper

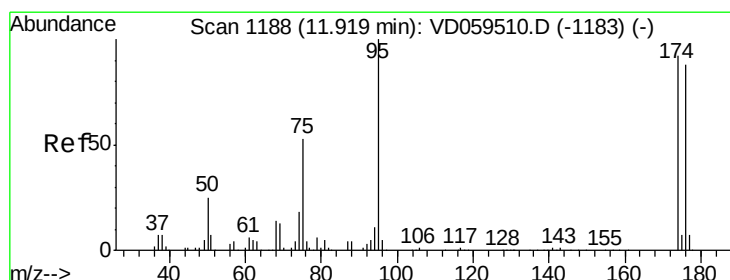
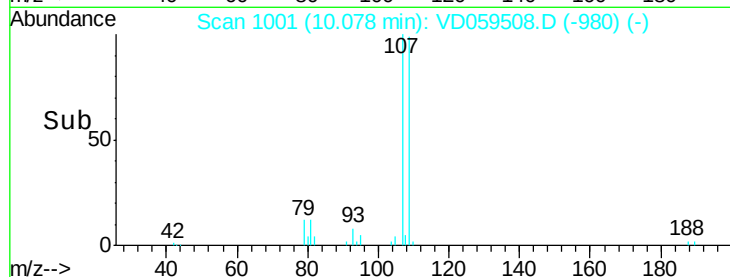
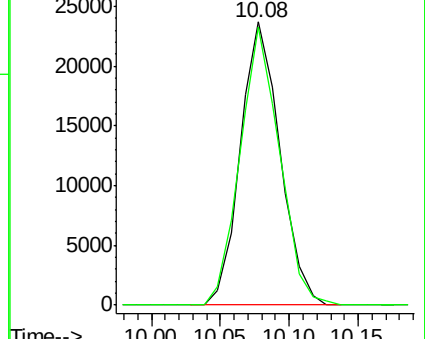
107 100

109 98.5 76.8 115.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 9.963 ug/l

RT: 11.92 min Scan# 1188

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

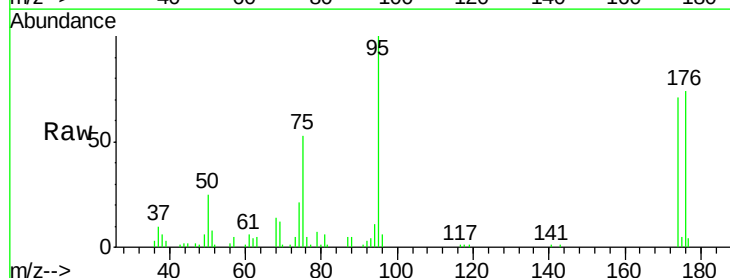
Tgt Ion: 95 Resp: 78559

Ion Ratio Lower Upper

95 100

174 71.0 0.0 183.0

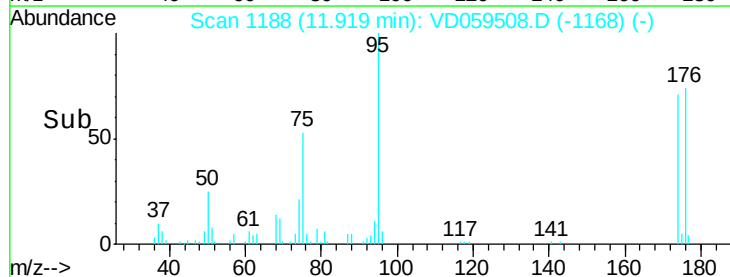
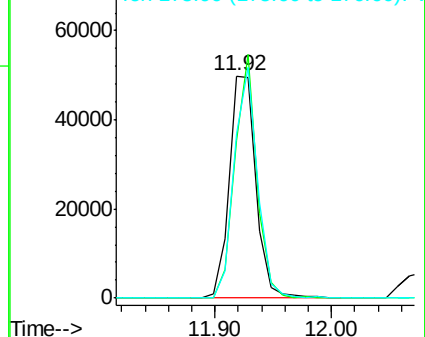
176 73.9 0.0 176.6

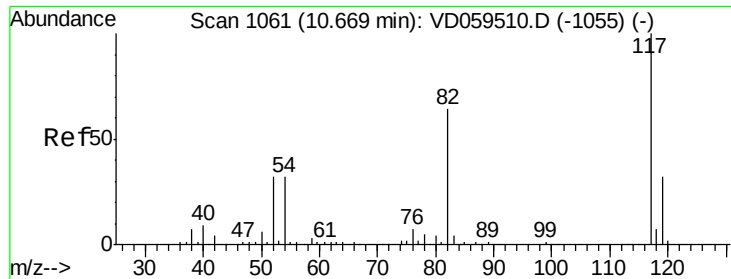


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

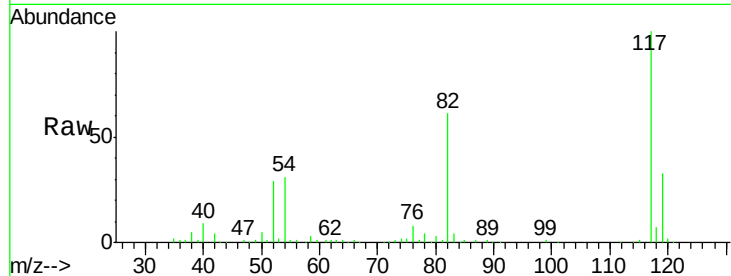




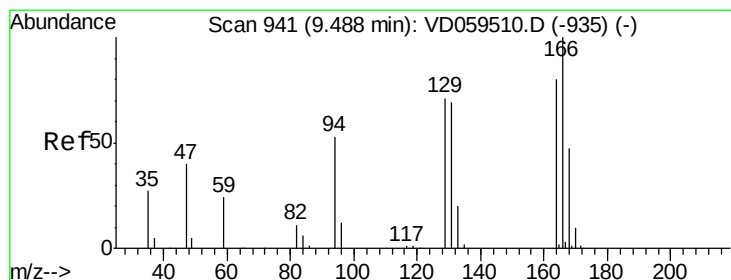
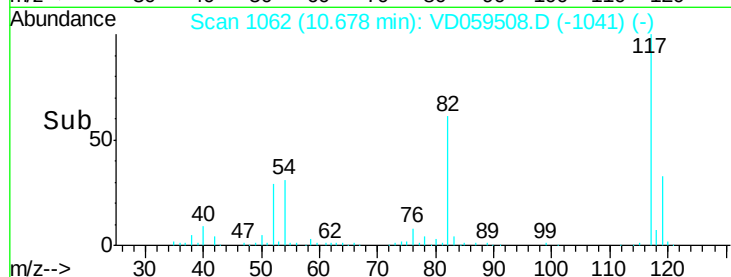
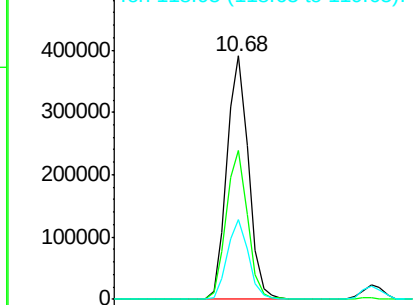
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 696528
Ion Ratio Lower Upper
117 100
82 61.1 51.1 76.7
119 32.8 25.6 38.4



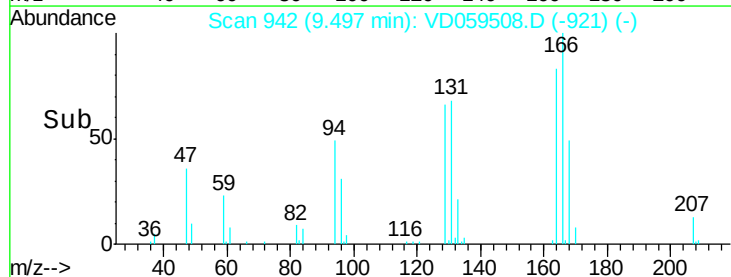
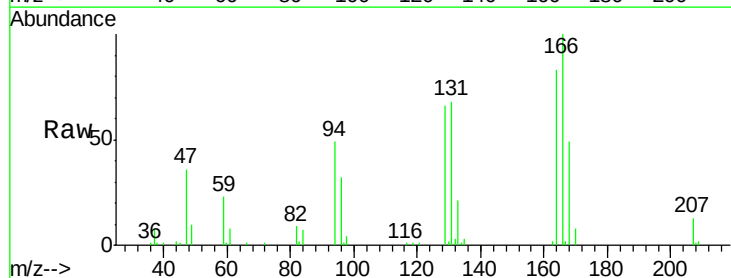
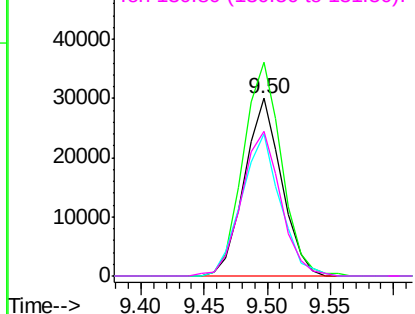
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

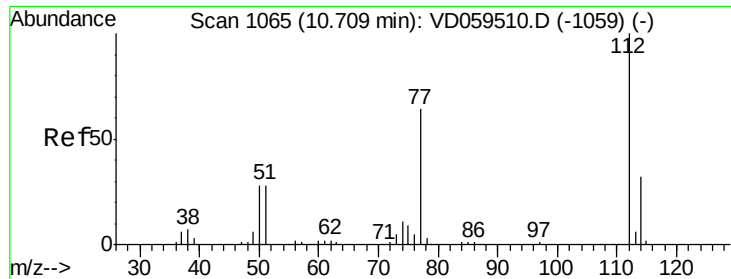


#64
Tetrachloroethene
Concen: 9.869 ug/l
RT: 9.50 min Scan# 942
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion:164 Resp: 61459
Ion Ratio Lower Upper
164 100
166 120.4 99.5 149.3
129 80.0 70.9 106.3
131 81.5 68.8 103.2

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

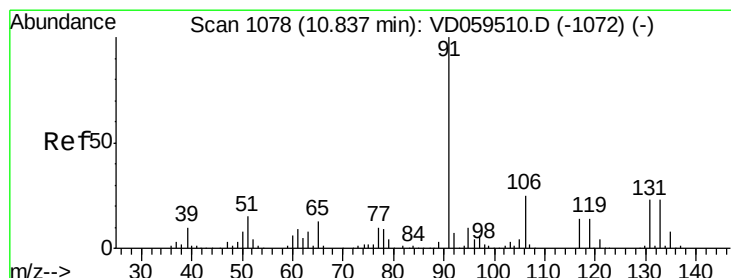
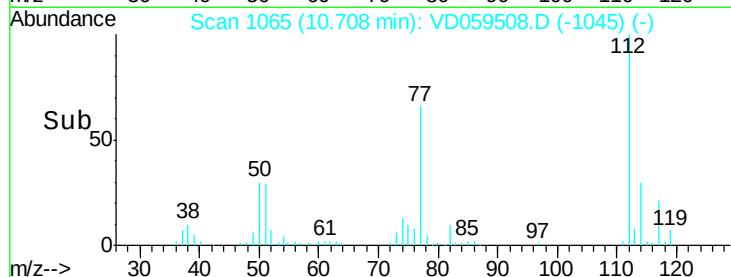
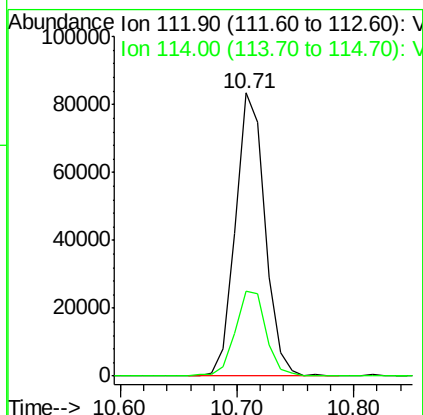
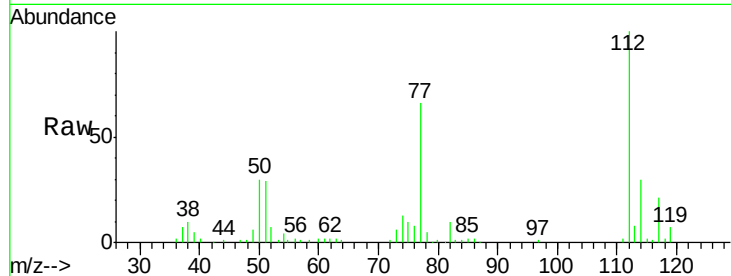




#65
Chlorobenzene
Concen: 11.153 ug/l
RT: 10.71 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

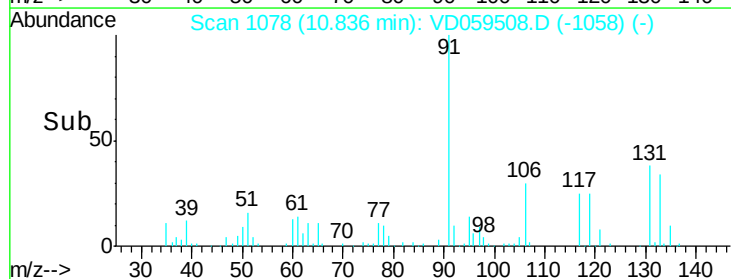
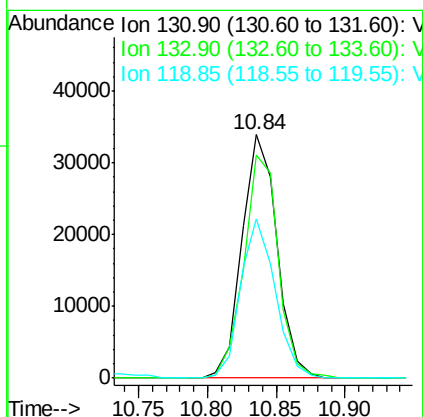
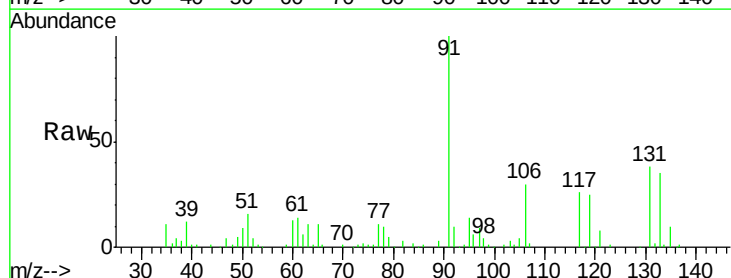
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

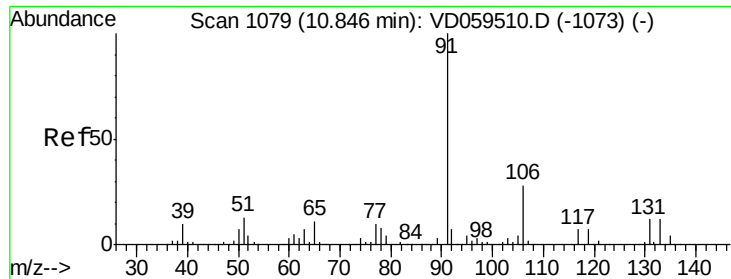
Tgt Ion:112 Resp: 146061
Ion Ratio Lower Upper
112 100
114 30.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 12.124 ug/l
RT: 10.84 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion:131 Resp: 60020
Ion Ratio Lower Upper
131 100
133 91.6 48.9 146.6
119 65.3 30.7 92.1





#67

Ethyl Benzene

Concen: 11.455 ug/l

RT: 10.85 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

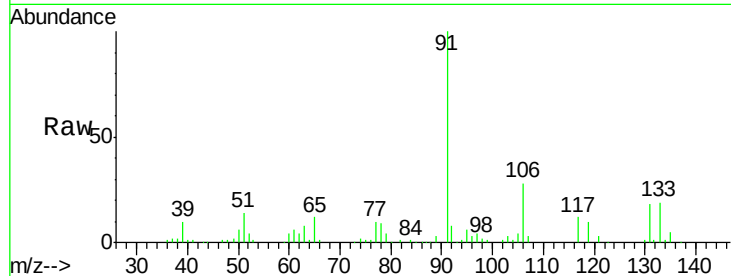
VSTDIC010

Tgt Ion: 91 Resp: 251599

Ion Ratio Lower Upper

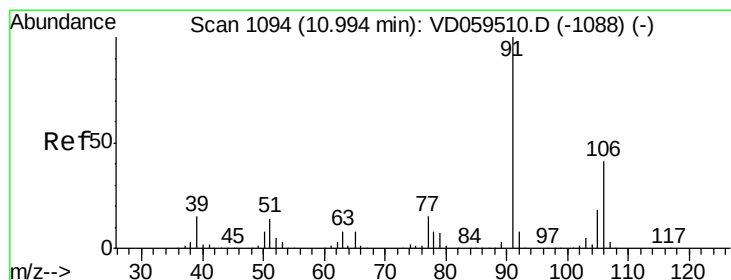
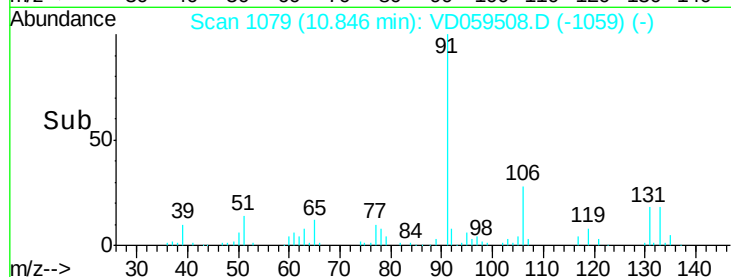
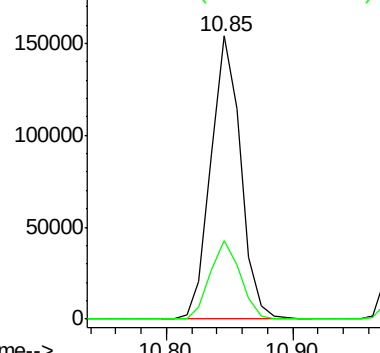
91 100

106 27.6 22.2 33.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.05 (105.75 to 106.75): V



#68

m/p-Xylenes

Concen: 23.132 ug/l

RT: 11.00 min Scan# 1095

Delta R.T. 0.01 min

Lab File: VD059508.D

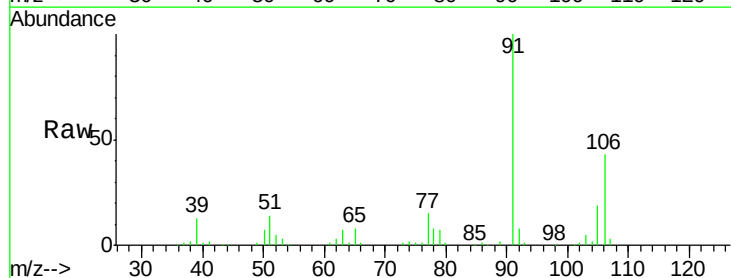
Acq: 2 Jul 2018 17:35

Tgt Ion: 106 Resp: 169682

Ion Ratio Lower Upper

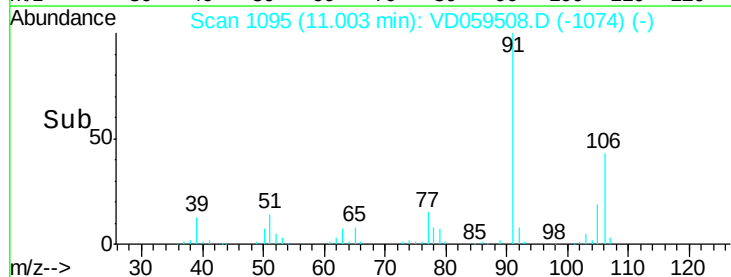
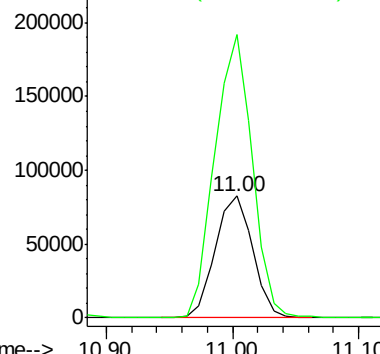
106 100

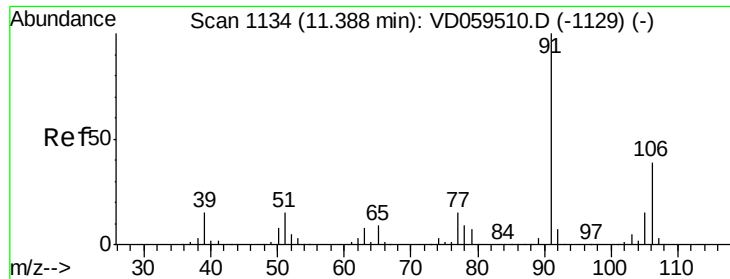
91 232.5 194.1 291.1



Abundance Ion 106.05 (105.75 to 106.75): V

Ion 91.00 (90.70 to 91.70): VDC

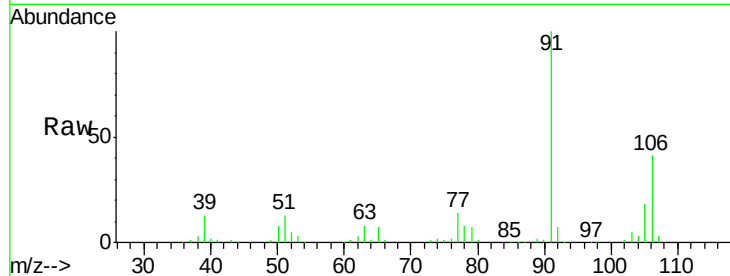




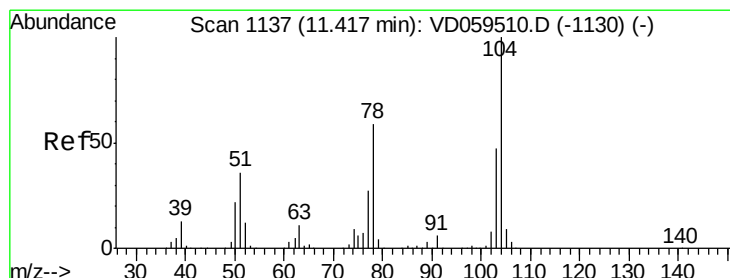
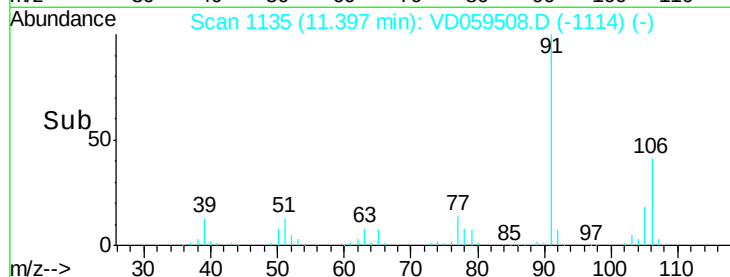
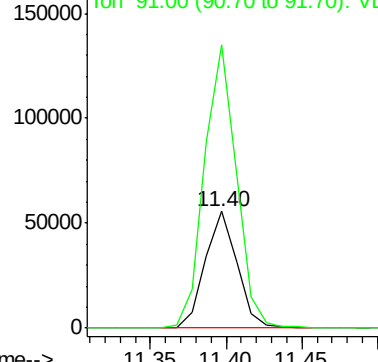
#69
o-Xylene
Concen: 11.312 ug/l
RT: 11.40 min Scan# 1135
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 81638
Ion Ratio Lower Upper
106 100
91 242.3 127.0 381.0

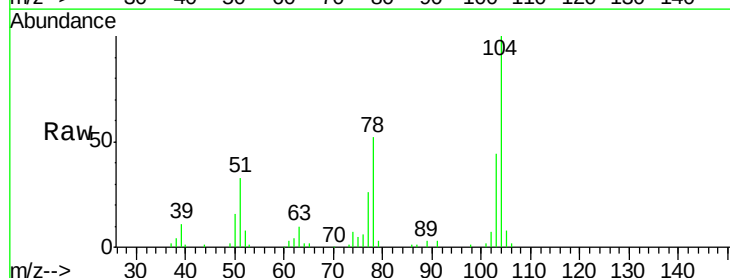


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

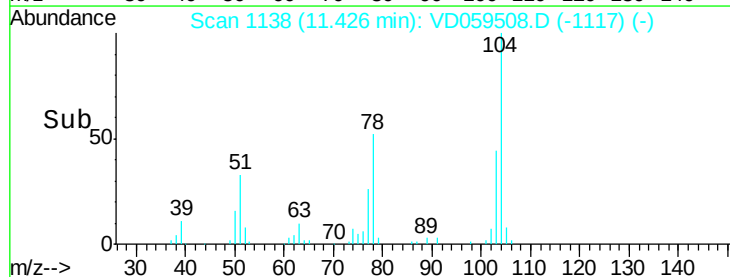
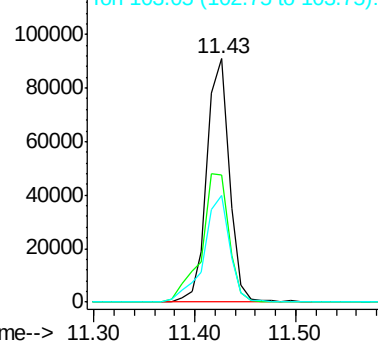


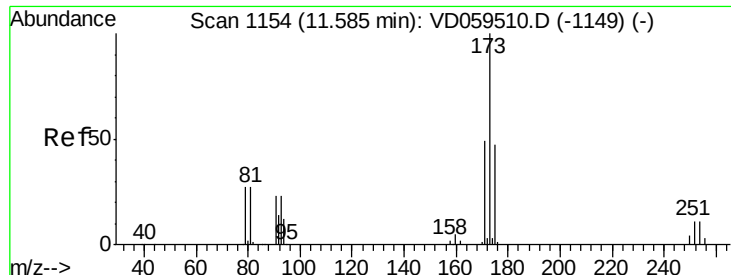
#70
Styrene
Concen: 11.457 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VD059508.D
Acq: 2 Jul 2018 17:35

Tgt Ion:104 Resp: 140534
Ion Ratio Lower Upper
104 100
78 52.0 47.6 71.4
103 43.7 37.6 56.4



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: 9.620 ug/l

RT: 11.59 min Scan# 1155

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

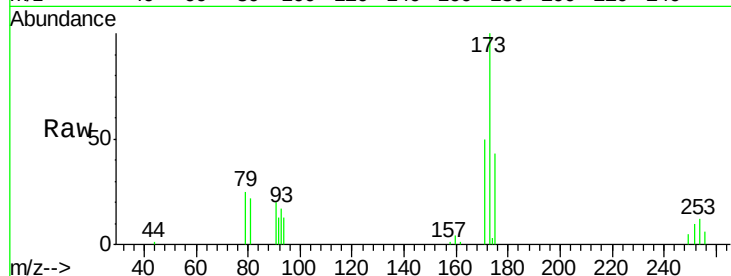
Tgt Ion:173 Resp: 39615

Ion Ratio Lower Upper

173 100

175 42.7 23.3 69.8

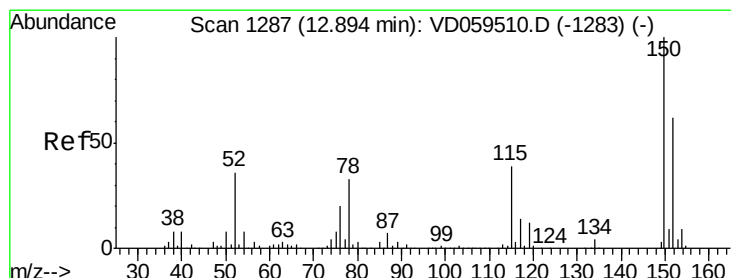
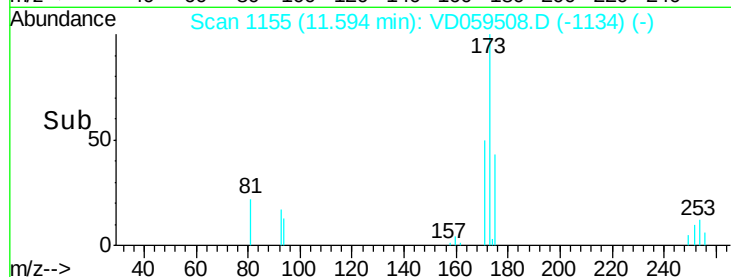
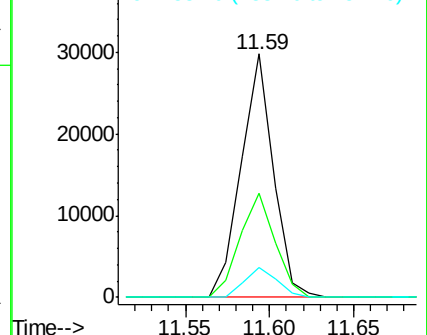
254 12.2 9.0 13.6



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# 1288

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

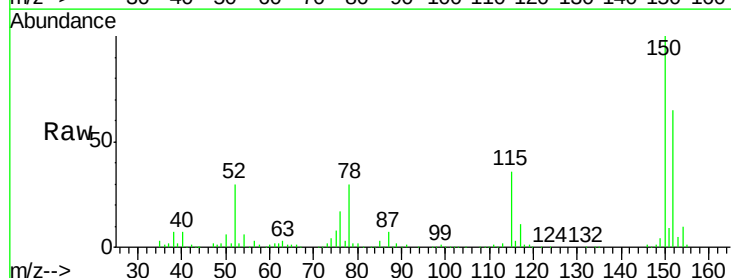
Tgt Ion:152 Resp: 363239

Ion Ratio Lower Upper

152 100

115 55.4 31.3 93.9

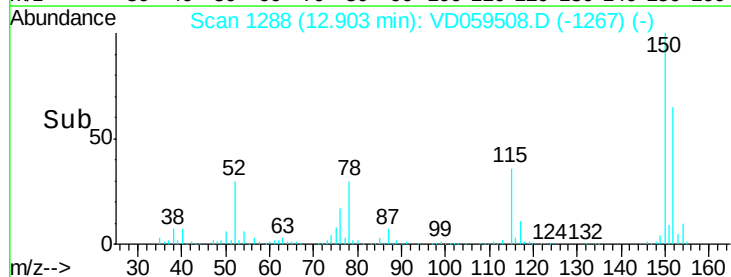
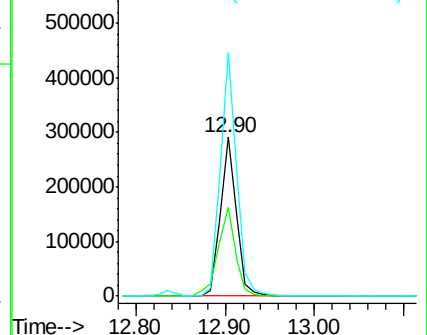
150 153.1 0.0 323.6

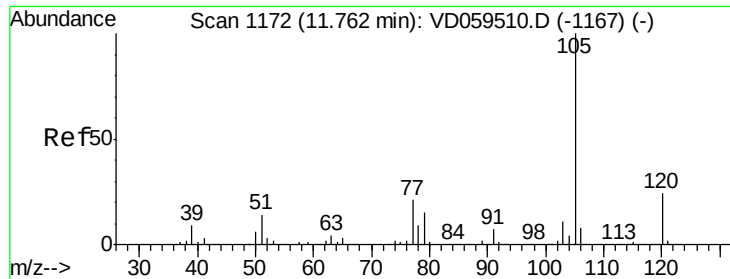


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 10.714 ug/l

RT: 11.76 min Scan# 1172

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

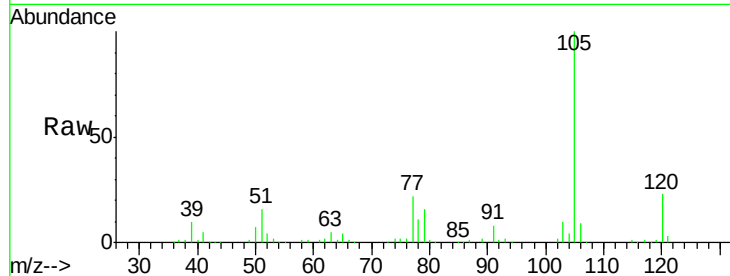
VSTDIC010

Tgt Ion: 105 Resp: 227104

Ion Ratio Lower Upper

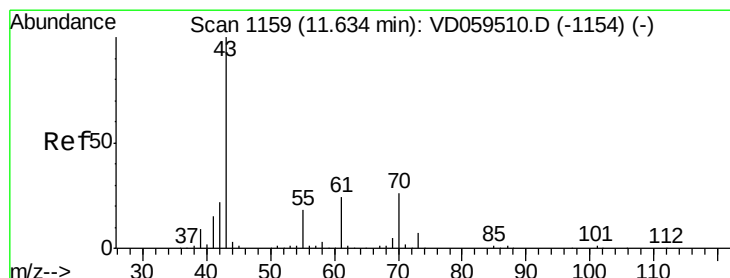
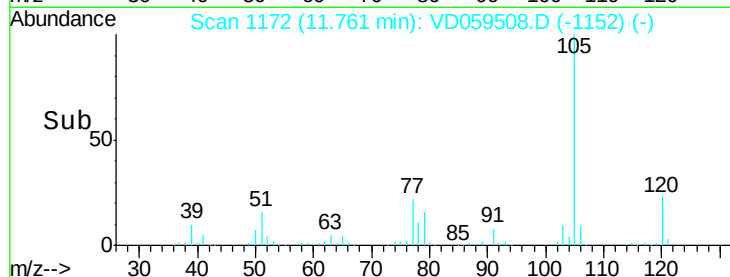
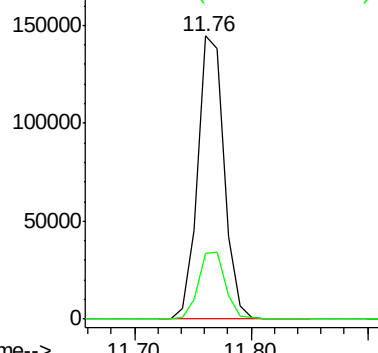
105 100

120 23.2 12.1 36.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-amyl acetate

Concen: 11.154 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Tgt Ion: 43 Resp: 91912

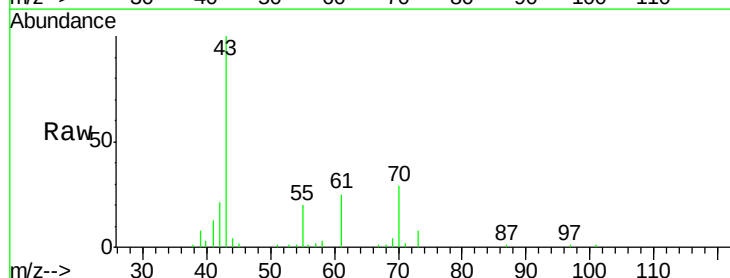
Ion Ratio Lower Upper

43 100

70 29.2 20.6 31.0

55 19.7 14.4 21.6

61 25.2 19.2 28.8

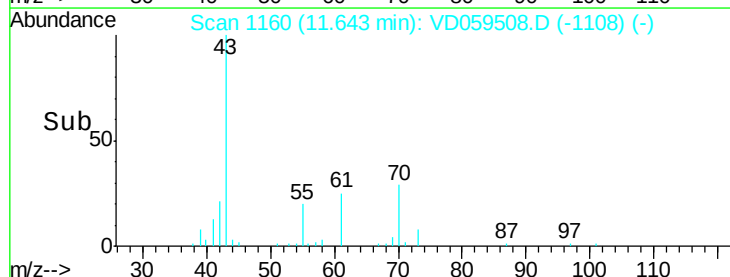
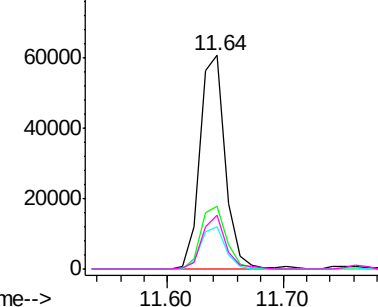


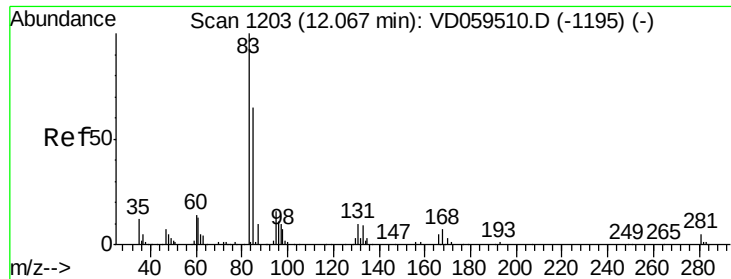
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 70.00 (69.70 to 70.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 60.95 (60.65 to 61.65): VDC





#75

1,1,2,2-Tetrachloroethane

Concen: 11.667 ug/l

RT: 12.07 min Scan# 1203

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

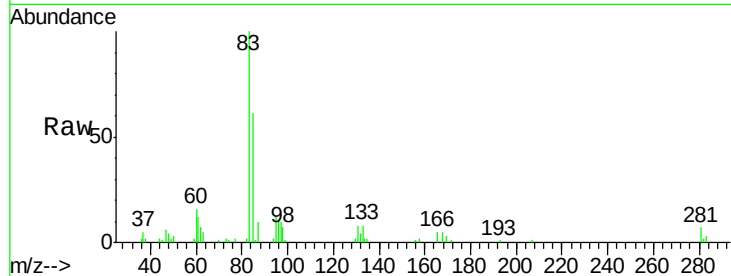
Tgt Ion: 83 Resp: 59144

Ion Ratio Lower Upper

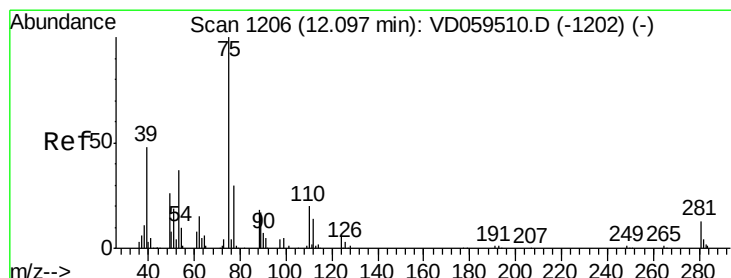
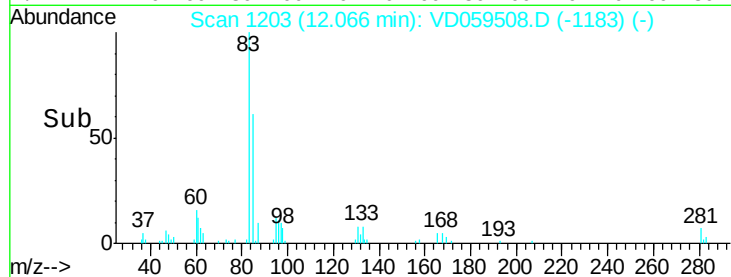
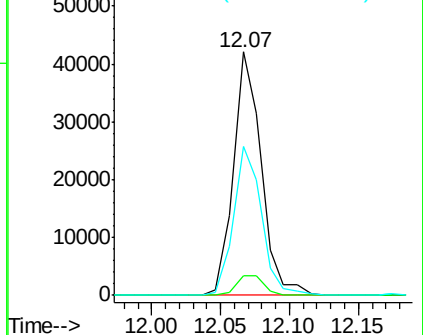
83 100

131 8.0 5.0 15.0

85 61.4 32.3 96.8



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: 11.640 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. 0.01 min

Lab File: VD059508.D

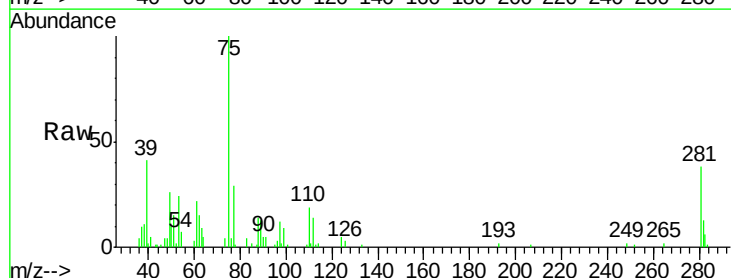
Acq: 2 Jul 2018 17:35

Tgt Ion: 75 Resp: 61157

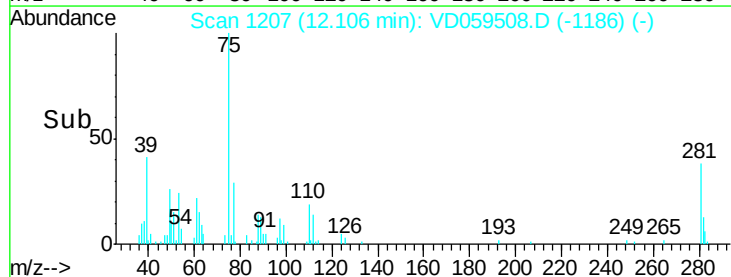
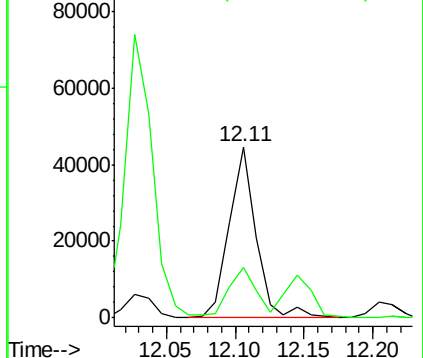
Ion Ratio Lower Upper

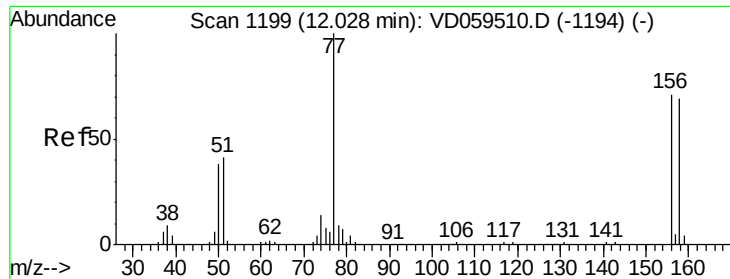
75 100

77 29.4 16.4 49.2



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





#77

Bromobenzene

Concen: 10.407 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

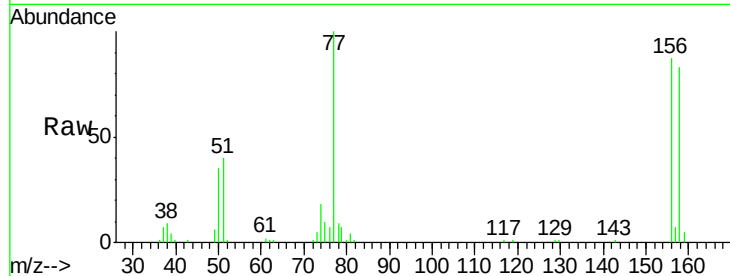
Tgt Ion:156 Resp: 69125

Ion Ratio Lower Upper

156 100

77 115.2 70.0 210.0

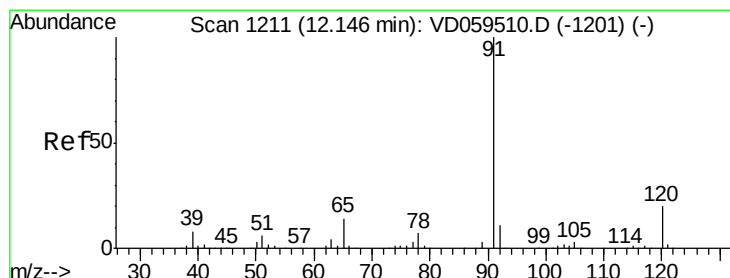
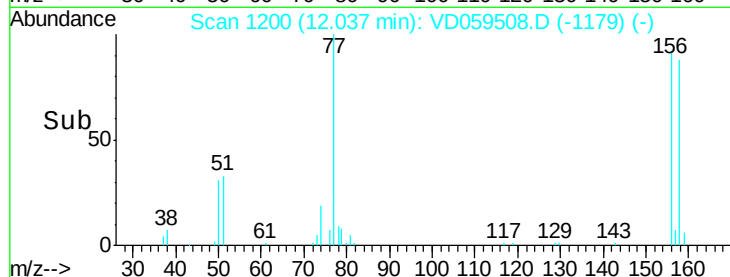
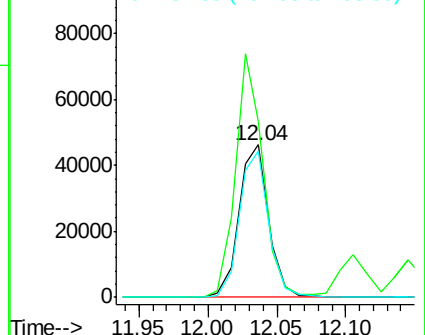
158 96.1 48.3 144.9



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 11.253 ug/l

RT: 12.15 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VD059508.D

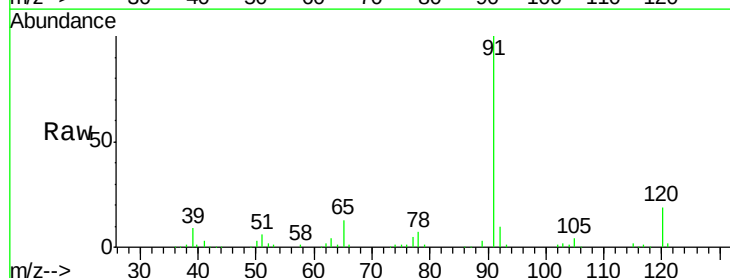
Acq: 2 Jul 2018 17:35

Tgt Ion: 91 Resp: 305977

Ion Ratio Lower Upper

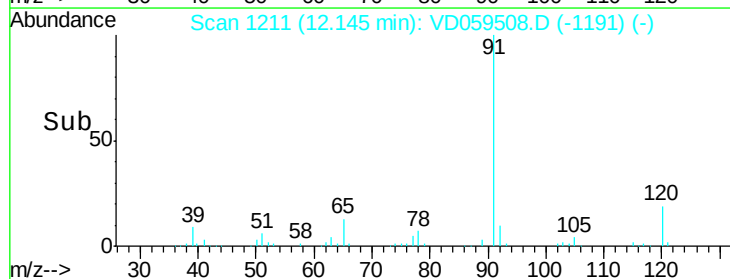
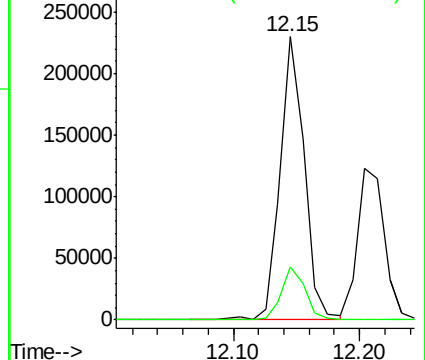
91 100

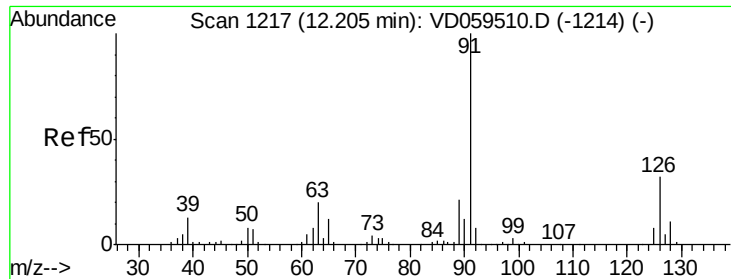
120 18.6 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 11.510 ug/l

RT: 12.20 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

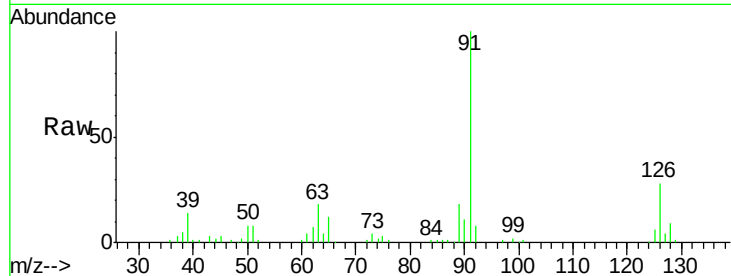
VSTDIC010

Tgt Ion: 91 Resp: 182631

Ion Ratio Lower Upper

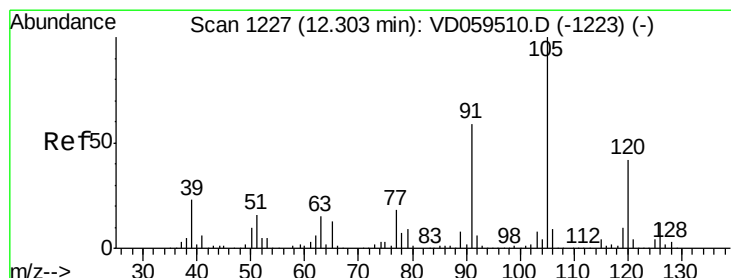
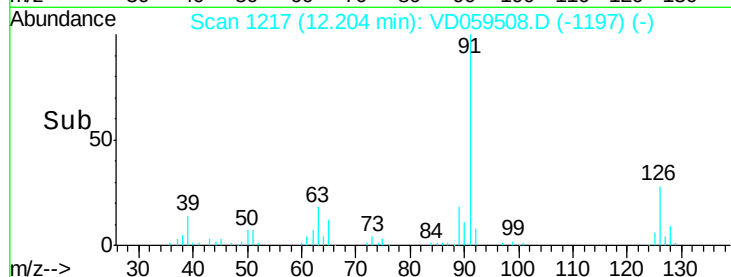
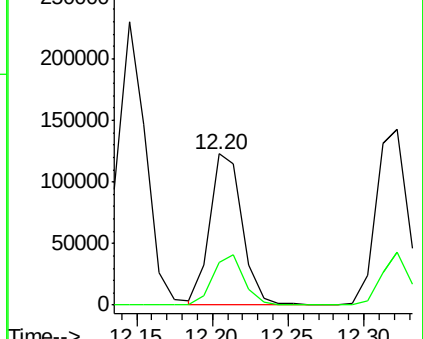
91 100

126 28.3 15.9 47.6



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: 10.908 ug/l

RT: 12.31 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VD059508.D

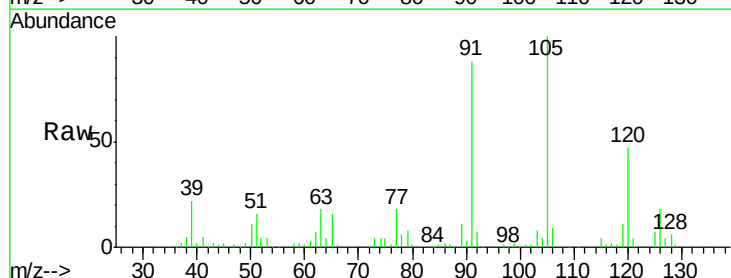
Acq: 2 Jul 2018 17:35

Tgt Ion: 105 Resp: 185444

Ion Ratio Lower Upper

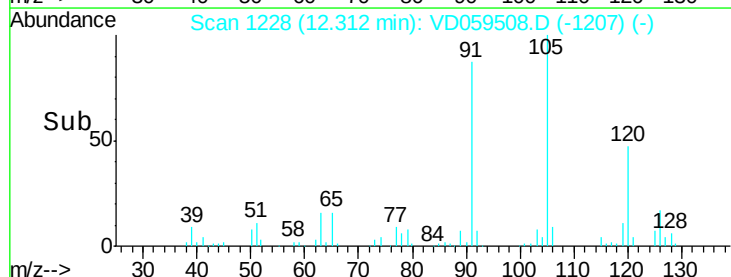
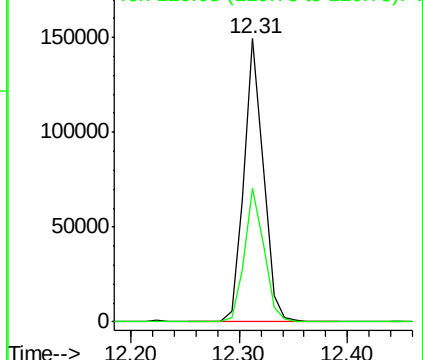
105 100

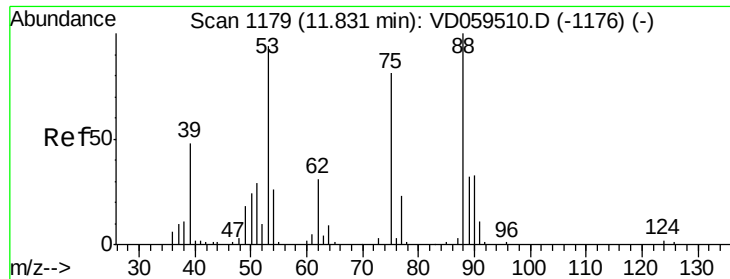
120 47.3 20.8 62.4



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: 10.171 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

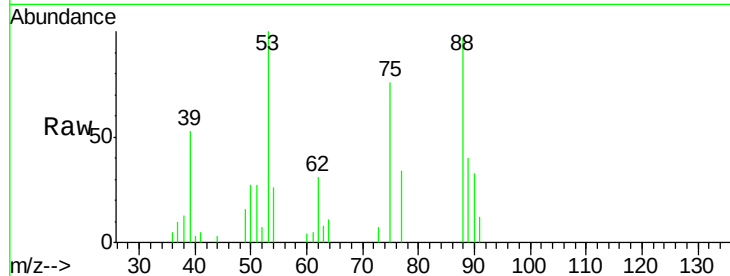
Tgt Ion: 75 Resp: 12437

Ion Ratio Lower Upper

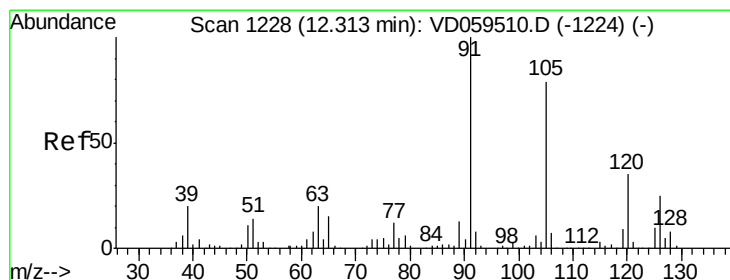
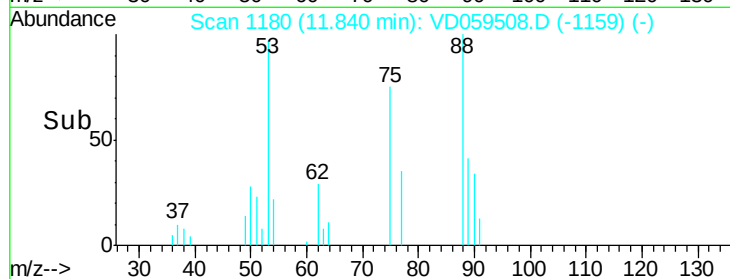
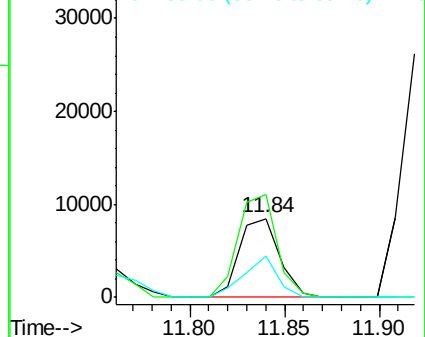
75 100

53 131.4 92.6 139.0

89 52.2 31.5 47.3#



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: 11.666 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. 0.01 min

Lab File: VD059508.D

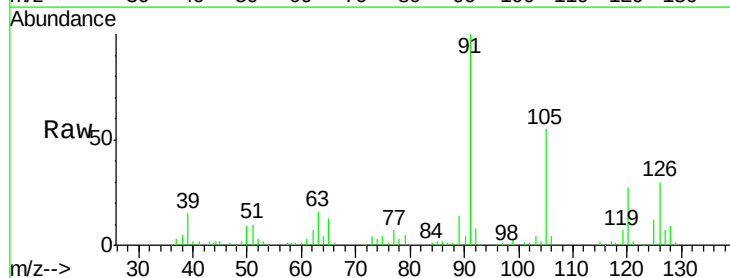
Acq: 2 Jul 2018 17:35

Tgt Ion: 91 Resp: 211792

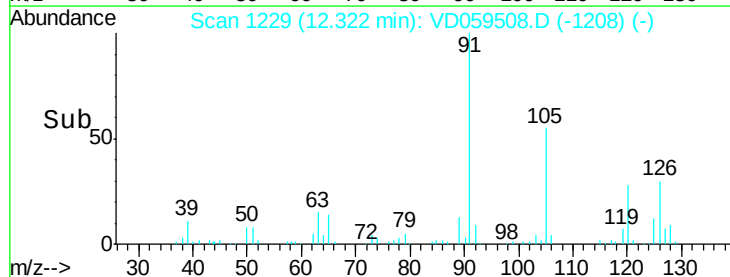
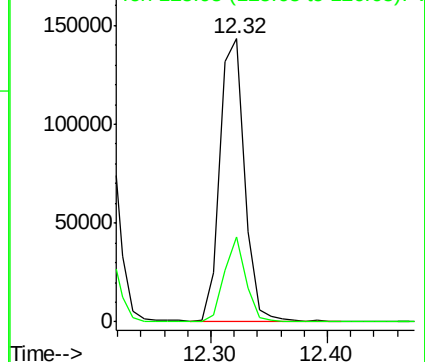
Ion Ratio Lower Upper

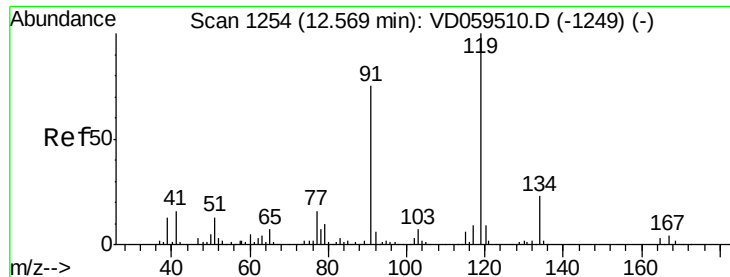
91 100

126 29.8 12.3 36.9



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

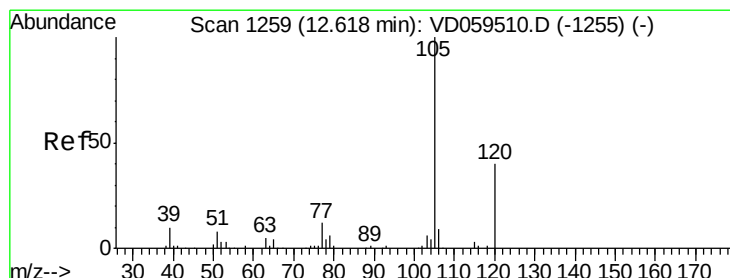
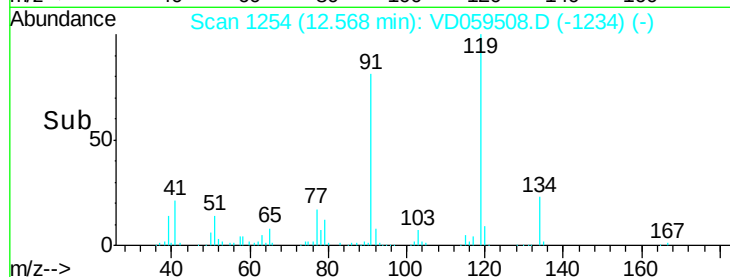
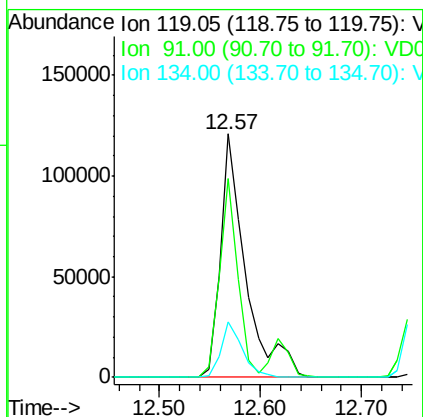
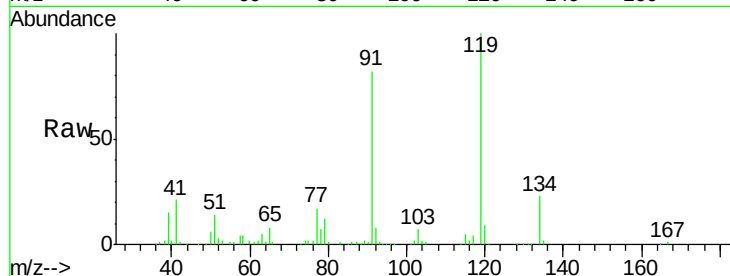




#83
 tert-Butylbenzene
 Concen: 11.437 ug/l
 RT: 12.57 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

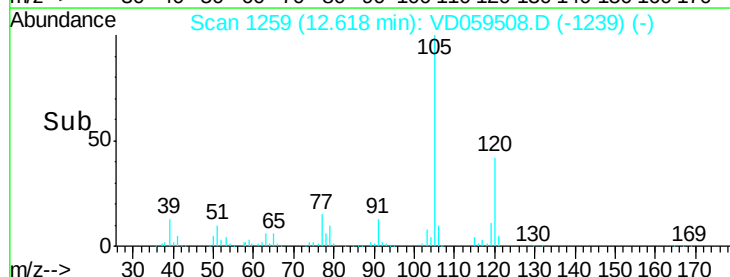
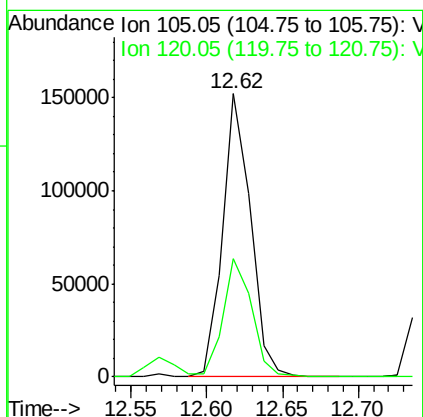
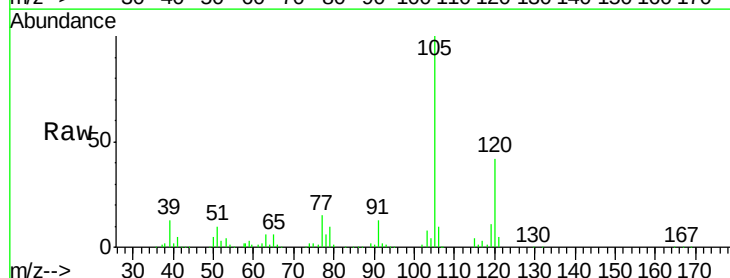
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

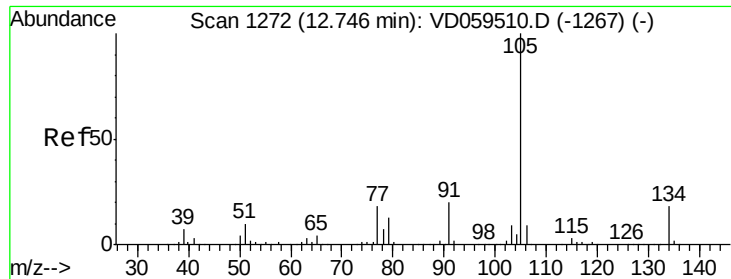
Tgt Ion:119 Resp: 209192
 Ion Ratio Lower Upper
 119 100
 91 81.7 37.8 113.3
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 10.891 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion:105 Resp: 195158
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.1 63.3

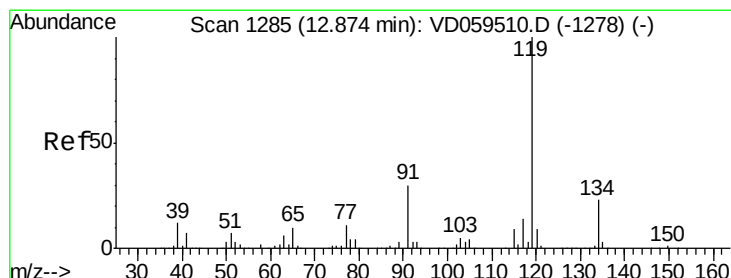
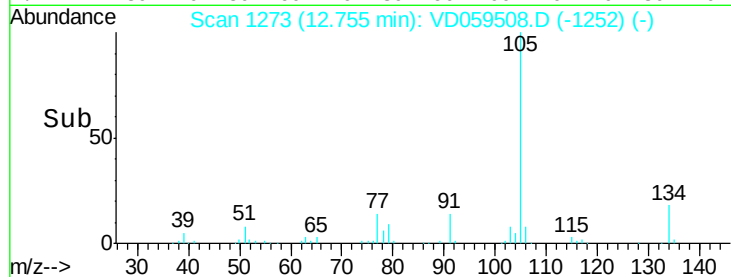
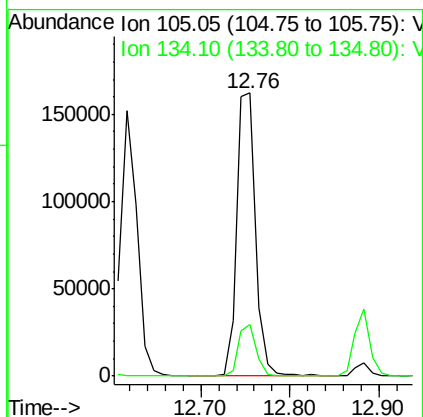
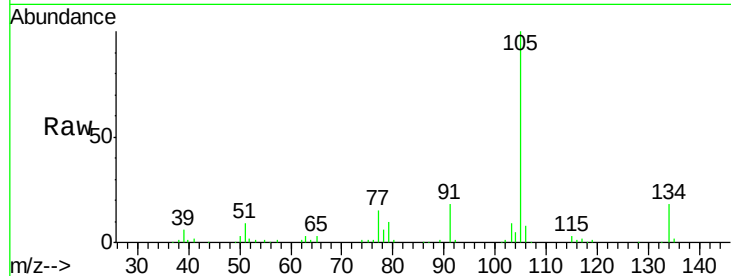




#85
 sec-Butylbenzene
 Concen: 11.039 ug/l
 RT: 12.76 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

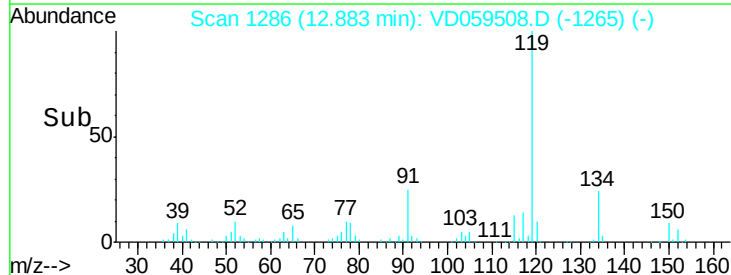
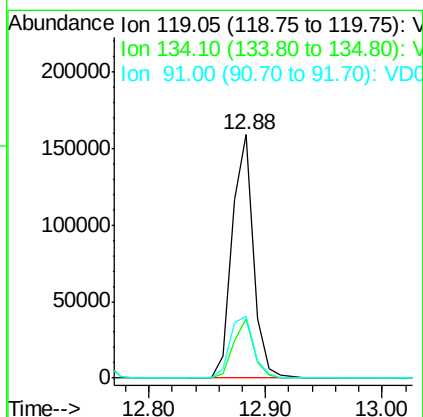
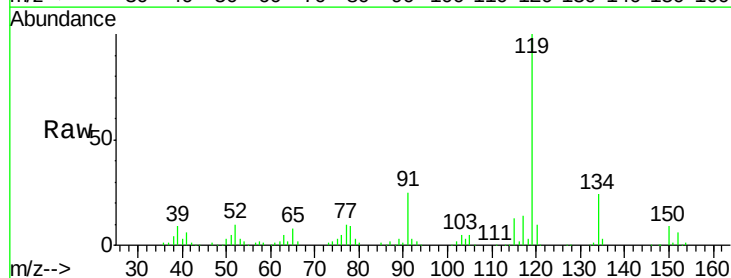
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

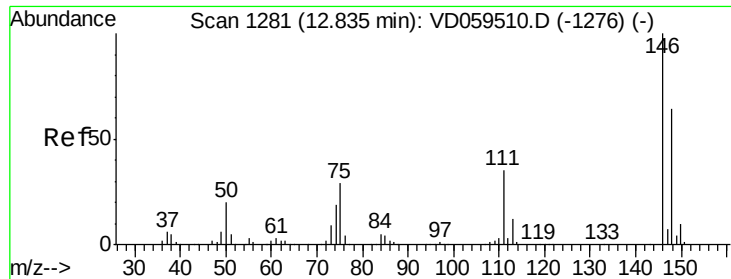
Tgt Ion:105 Resp: 240261
 Ion Ratio Lower Upper
 105 100
 134 18.3 8.8 26.4



#86
 p-Isopropyltoluene
 Concen: 11.132 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion:119 Resp: 199511
 Ion Ratio Lower Upper
 119 100
 134 24.4 11.6 34.8
 91 25.5 15.3 45.8

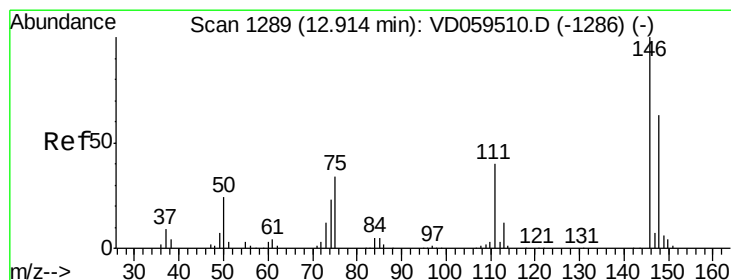
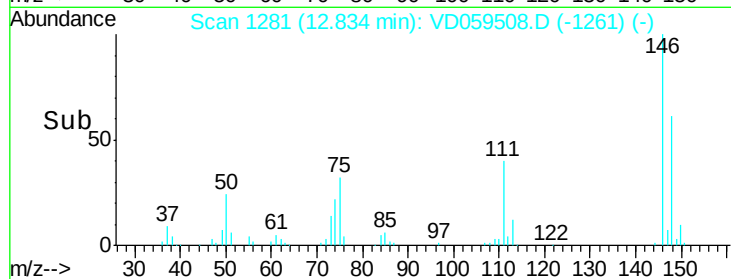
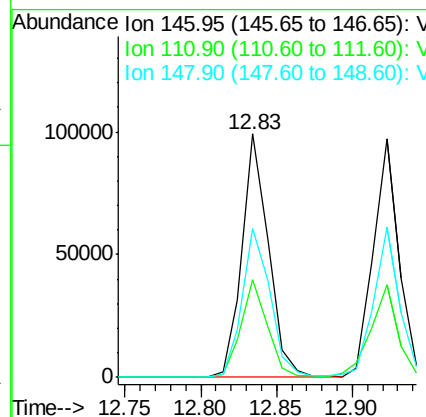
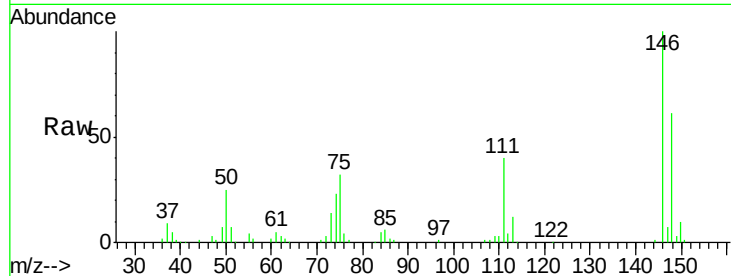




#87
 1,3-Dichlorobenzene
 Concen: 10.907 ug/l
 RT: 12.83 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

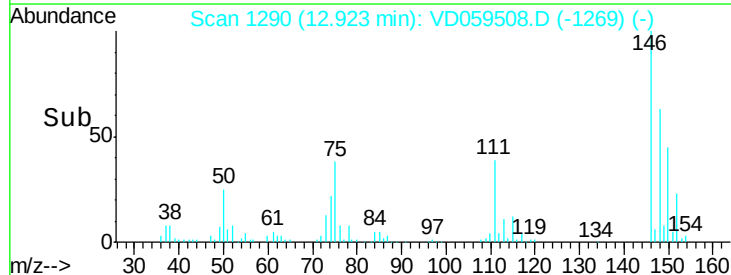
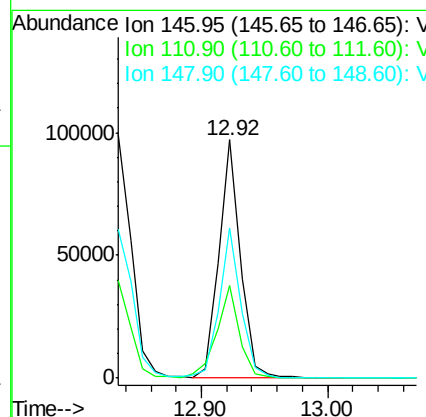
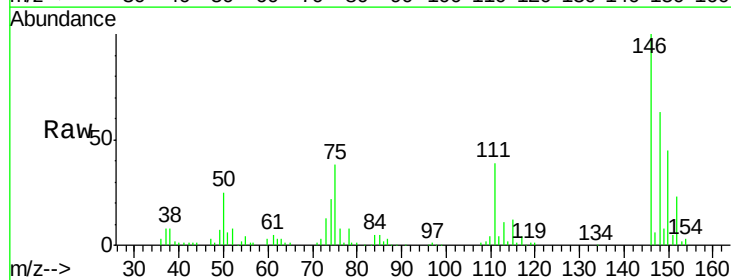
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

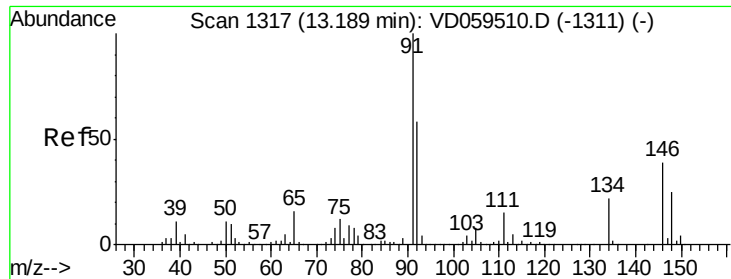
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	17.6	52.9
148	61.1	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 10.638 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.0	59.9
148	62.9	31.7	95.1





#89

n-Butylbenzene

Concen: 11.111 ug/l

RT: 13.19 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

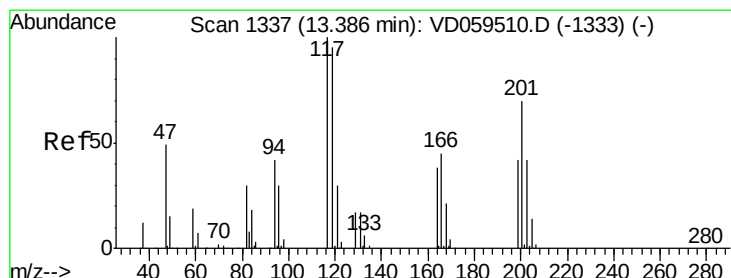
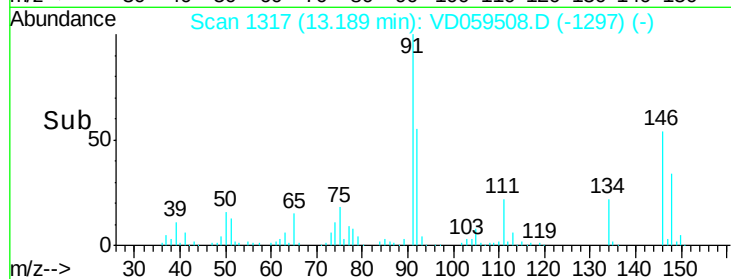
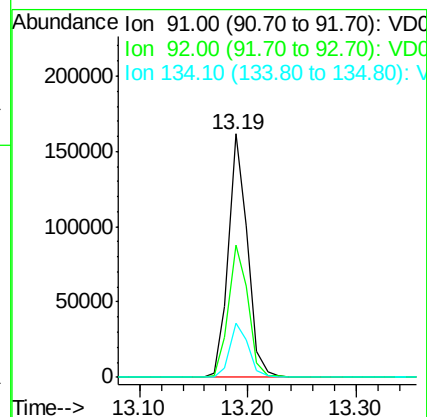
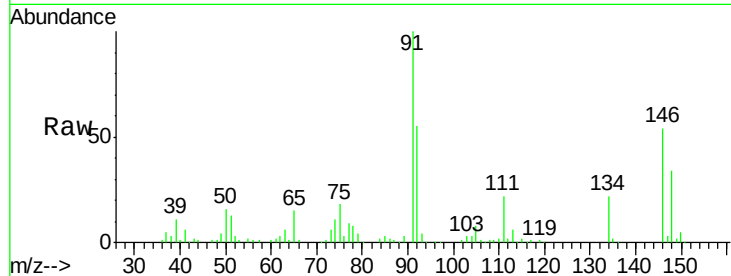
Tgt Ion: 91 Resp: 198594

Ion Ratio Lower Upper

91 100

92 54.6 28.9 86.7

134 22.4 11.3 33.8



#90

Hexachloroethane

Concen: 11.223 ug/l

RT: 13.40 min Scan# 1338

Delta R.T. 0.01 min

Lab File: VD059508.D

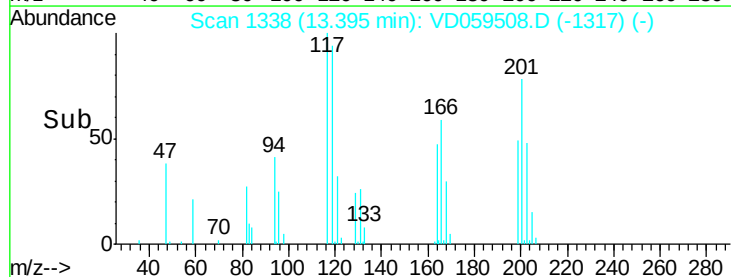
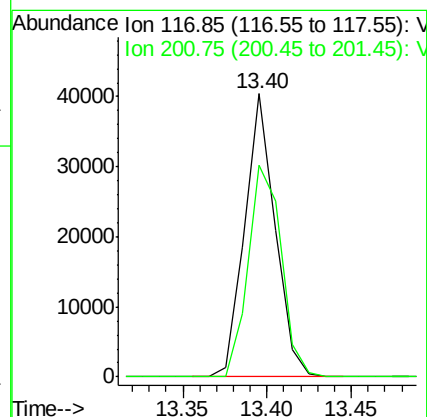
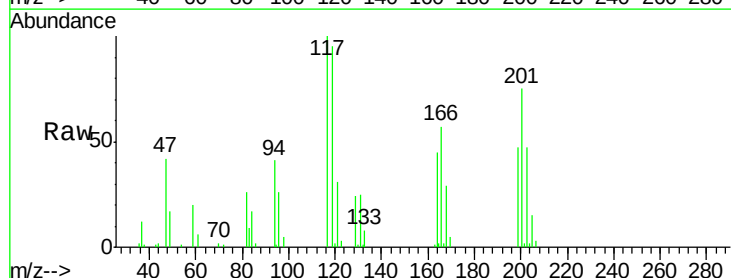
Acq: 2 Jul 2018 17:35

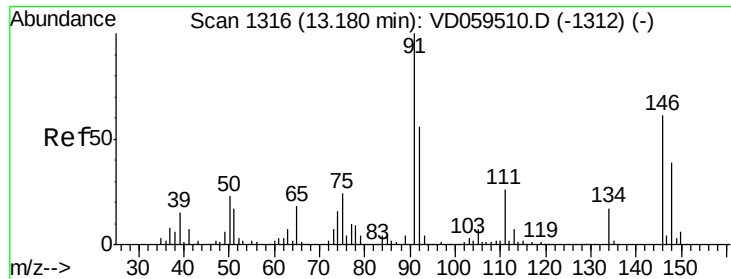
Tgt Ion: 117 Resp: 50502

Ion Ratio Lower Upper

117 100

201 74.9 35.2 105.6

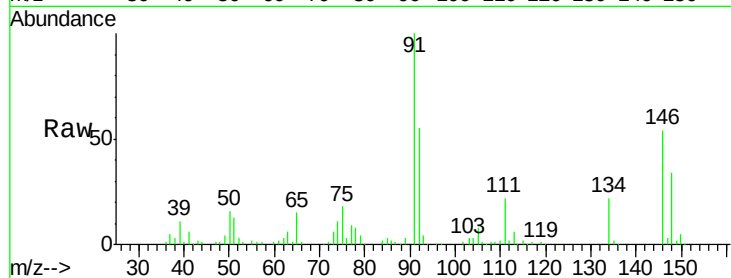




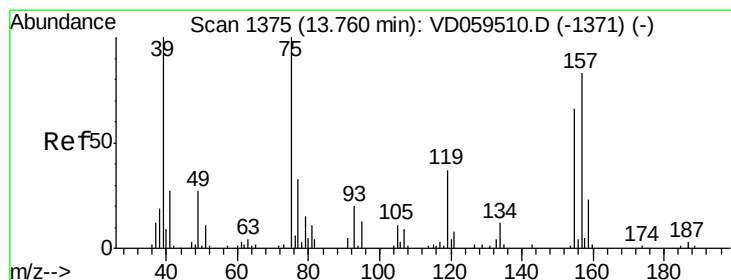
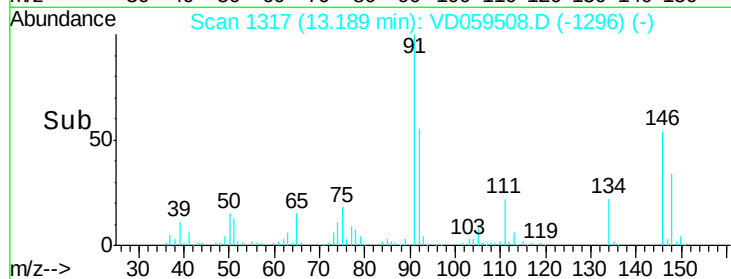
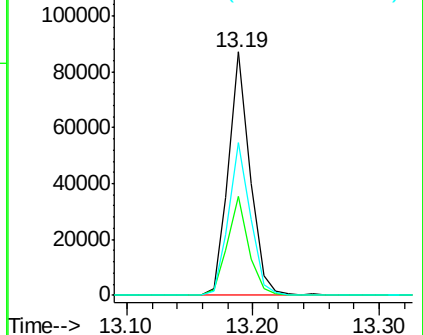
#91
 1,2-Dichlorobenzene
 Concen: 10.963 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:146 Resp: 102823
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.3 63.9
 148 62.6 32.4 97.0

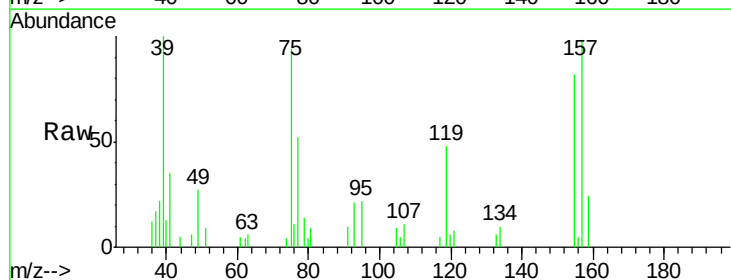


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

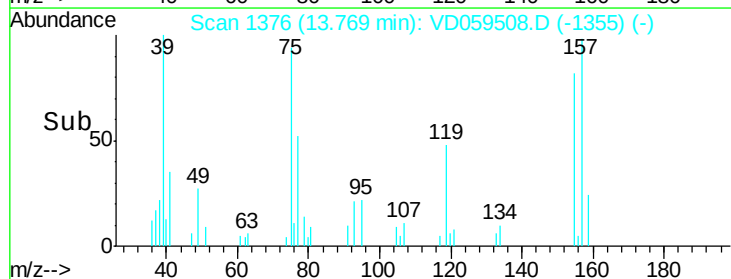
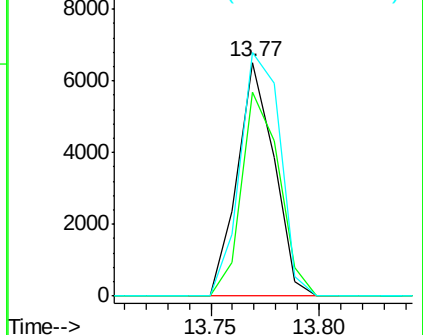


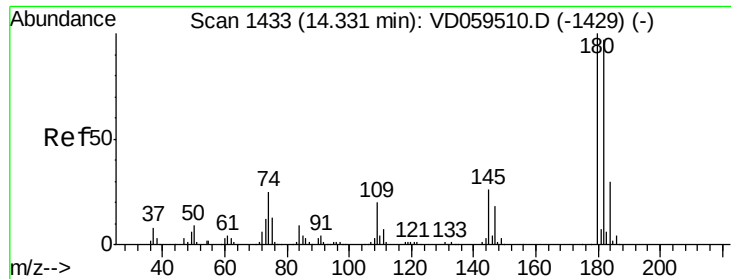
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.313 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion: 75 Resp: 7754
 Ion Ratio Lower Upper
 75 100
 155 87.6 32.8 98.4
 157 104.3 41.5 124.5



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

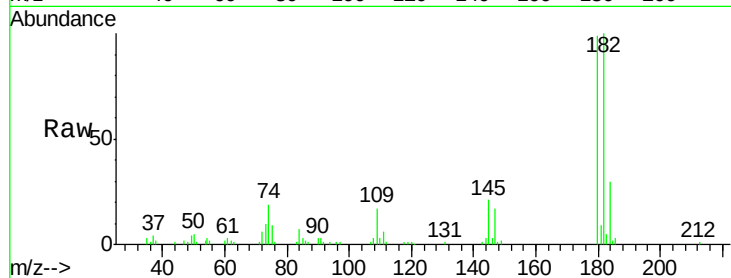




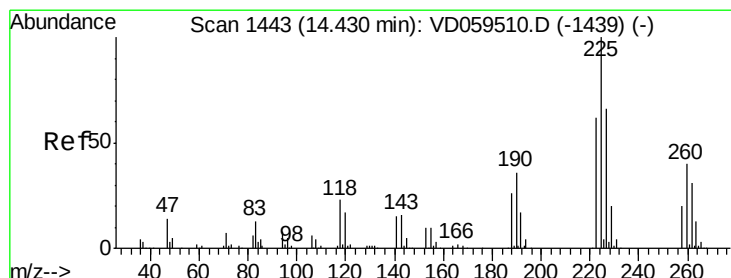
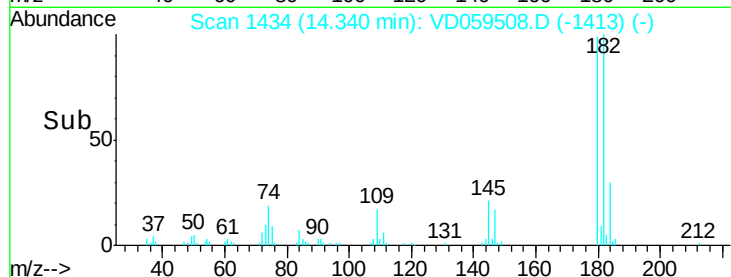
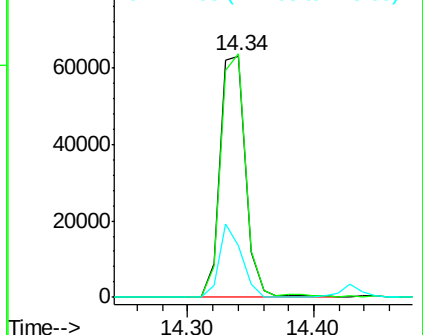
#93
 1,2,4-Trichlorobenzene
 Concen: 10.393 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Tgt Ion:180 Resp: 88563
 Ion Ratio Lower Upper
 180 100
 182 100.9 48.7 146.1
 145 21.4 13.2 39.6

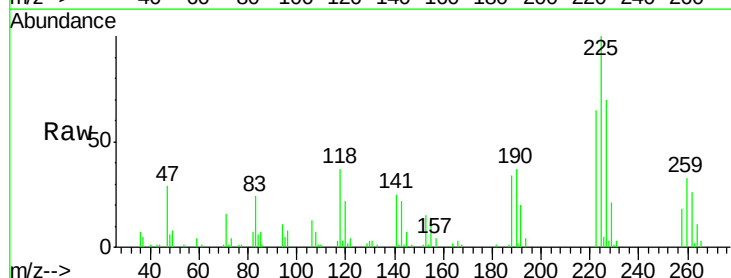


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

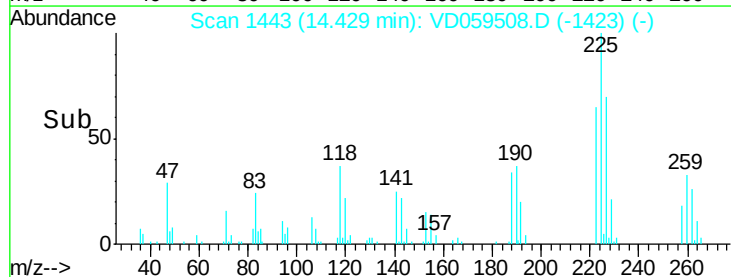
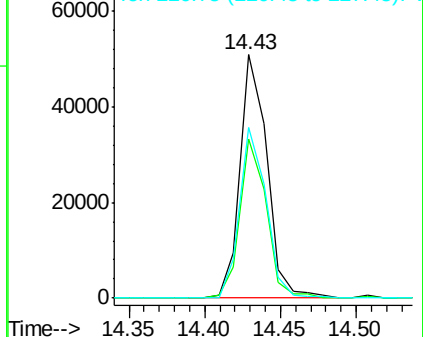


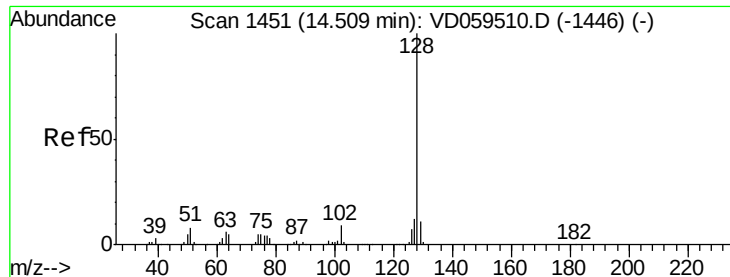
#94
 Hexachlorobutadiene
 Concen: 9.818 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD059508.D
 Acq: 2 Jul 2018 17:35

Tgt Ion:225 Resp: 63019
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.0 93.0
 227 70.0 33.1 99.5



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: 10.067 ug/l

RT: 14.51 min Scan# 1451

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

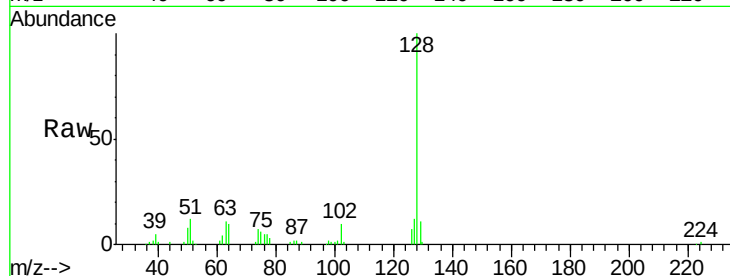
Tgt Ion:128 Resp: 122372

Ion Ratio Lower Upper

128 100

127 11.6 9.8 14.8

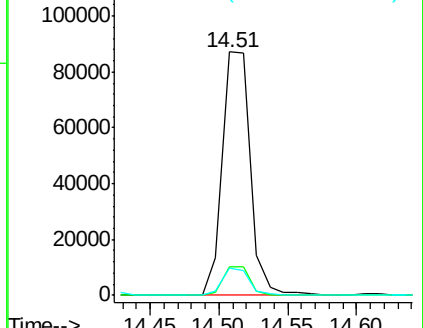
129 11.1 8.6 12.8



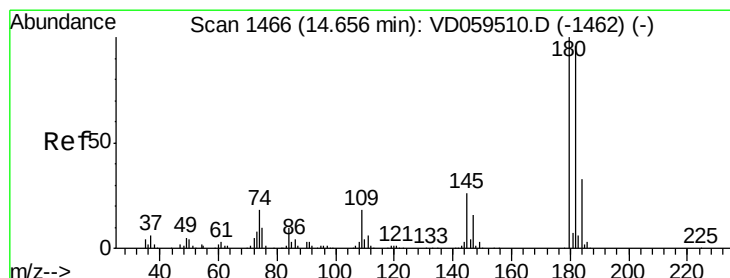
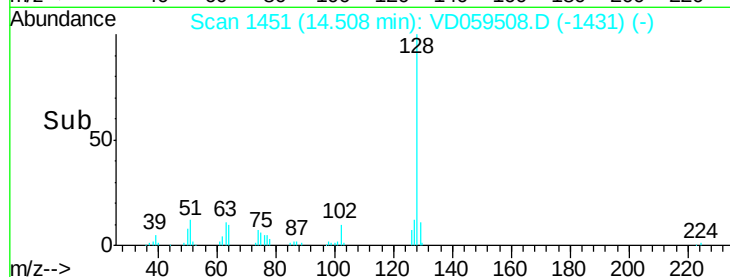
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 10.086 ug/l

RT: 14.66 min Scan# 1466

Delta R.T. -0.00 min

Lab File: VD059508.D

Acq: 2 Jul 2018 17:35

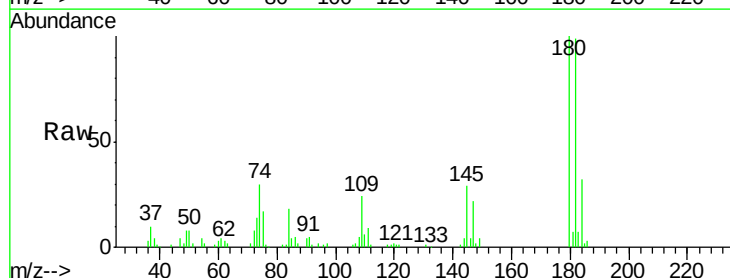
Tgt Ion:180 Resp: 77426

Ion Ratio Lower Upper

180 100

182 98.8 48.1 144.4

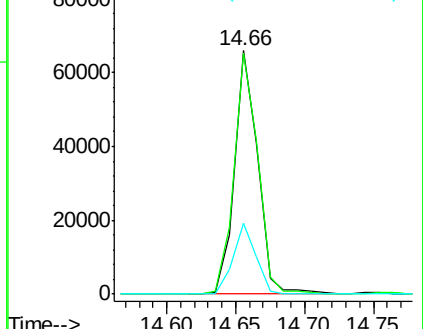
145 28.9 13.2 39.6



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



Time-->

