

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059486.D
 Acq On : 29 Jun 2018 12:34
 Operator : VA/AP
 Sample : VD0629SBS01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 30 00:24:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 07:29:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	935576	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1170859	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	931939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	499376	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.01	65	374565	39.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	78.30%	
35) Dibromofluoromethane	5.54	113	406125	42.58	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	85.16%	
50) Toluene-d8	8.70	98	900788	40.40	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	80.80%	
62) 4-Bromofluorobenzene	11.93	95	394569	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	194823	23.405	ug/l	94
3) Chloromethane	1.47	50	94761	21.878	ug/l	90
4) Vinyl Chloride	1.55	62	92277	20.535	ug/l	100
5) Bromomethane	1.79	94	31108	18.169	ug/l	98
6) Chloroethane	1.87	64	35562	17.272	ug/l	97
7) Trichlorofluoromethane	2.07	101	143637	22.168	ug/l	98
8) Diethyl Ether	2.34	74	26746	18.243	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.55	101	92137	22.882	ug/l	92
10) Methyl Iodide	2.68	142	89320	18.991	ug/l	97
11) Tert butyl alcohol	3.25	59	26517	80.114	ug/l #	90
12) 1,1-Dichloroethene	2.54	96	70175	22.764	ug/l	95
13) Acrolein	2.47	56	28768	97.223	ug/l	98
14) Allyl chloride	2.91	41	149269	21.155	ug/l	95
15) Acrylonitrile	3.34	53	92456	91.015	ug/l	95
16) Acetone	2.60	43	130014	107.671	ug/l	98
17) Carbon Disulfide	2.74	76	197478	20.916	ug/l	98
18) Methyl Acetate	2.93	43	45700	15.584	ug/l	94
19) Methyl tert-butyl Ether	3.39	73	275016	18.124	ug/l	97
20) Methylene Chloride	3.06	84	76234	21.334	ug/l	86
21) trans-1,2-Dichloroethene	3.37	96	100231	18.389	ug/l	85
22) Diisopropyl ether	4.06	45	563760	21.235	ug/l	90
23) Vinyl Acetate	4.00	43	1512865	109.371	ug/l	99
24) 1,1-Dichloroethane	3.96	63	328256	21.608	ug/l	98
25) 2-Butanone	4.83	43	252707	99.904	ug/l	97
26) 2,2-Dichloropropane	4.79	77	275476	23.383	ug/l	98
27) cis-1,2-Dichloroethene	4.79	96	179398	19.586	ug/l	90
28) Bromochloromethane	5.13	49	134964	20.492	ug/l	99
29) Tetrahydrofuran	5.17	42	126303	91.285	ug/l	95
30) Chloroform	5.31	83	335714	20.275	ug/l	97
31) Cyclohexane	5.59	56	252189	23.056	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	281894	21.024	ug/l	99
36) 1,1-Dichloropropene	5.74	75	236858	22.300	ug/l	96
37) Ethyl Acetate	4.92	43	119398	18.459	ug/l	99
38) Carbon Tetrachloride	5.72	117	240386	21.952	ug/l	98

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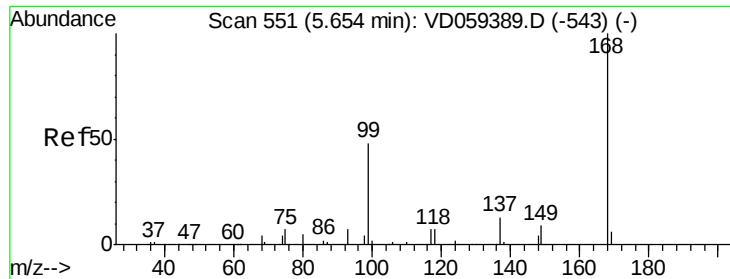
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	229732	22.805	ug/l	98
40) Benzene	6.01	78	557194	21.861	ug/l	99
41) Methacrylonitrile	5.11	41	57911	18.588	ug/l	90
42) 1,2-Dichloroethane	6.12	62	223223	19.821	ug/l	94
43) Isopropyl Acetate	7.62	43	152755	18.805	ug/l #	98
44) Trichloroethene	6.98	130	175792	21.064	ug/l	94
45) 1,2-Dichloropropane	7.34	63	148970	21.102	ug/l	99
46) Dibromomethane	7.46	93	100380	19.772	ug/l	93
47) Bromodichloromethane	7.73	83	245591	21.619	ug/l	99
48) Methyl methacrylate	7.51	41	88461	17.875	ug/l	98
49) 1,4-Dioxane	7.48	88	17656	355.733	ug/l	93
51) 4-Methyl-2-Pentanone	8.59	43	517372	95.581	ug/l	98
52) Toluene	8.80	92	324660	21.327	ug/l	95
53) t-1,3-Dichloropropene	9.18	75	204809	21.575	ug/l	99
54) cis-1,3-Dichloropropene	8.35	75	238982	21.742	ug/l	99
55) 1,1,2-Trichloroethane	9.45	97	113487	20.534	ug/l	96
56) Ethyl methacrylate	9.31	69	125141	19.843	ug/l	99
57) 1,3-Dichloropropane	9.66	76	189635	20.980	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.19	63	326769	100.651	ug/l	100
59) 2-Hexanone	9.78	43	389573	101.263	ug/l	98
60) Dibromochloromethane	9.96	129	151440	19.567	ug/l	98
61) 1,2-Dibromoethane	10.09	107	121714	19.776	ug/l	95
64) Tetrachloroethene	9.51	164	168947	20.665	ug/l	98
65) Chlorobenzene	10.72	112	377139	22.132	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	148530	22.707	ug/l	96
67) Ethyl Benzene	10.85	91	678327	23.590	ug/l	100
68) m/p-Xylenes	11.01	106	451946	47.373	ug/l	89
69) o-Xylene	11.41	106	210280	22.295	ug/l	99
70) Styrene	11.43	104	357735	22.126	ug/l	94
71) Bromoform	11.60	173	105362	19.443	ug/l	95
73) Isopropylbenzene	11.77	105	607865	21.570	ug/l	97
74) N-amyl acetate	11.64	43	205548	19.171	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	135475	20.491	ug/l	97
76) 1,2,3-Trichloropropane	12.11	75	137715	19.993	ug/l	95
77) Bromobenzene	12.04	156	189224	21.334	ug/l	98
78) n-propylbenzene	12.15	91	813109	22.782	ug/l	98
79) 2-Chlorotoluene	12.21	91	459188	21.908	ug/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	482252	21.496	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	32955	21.049	ug/l	96
82) 4-Chlorotoluene	12.32	91	509532	21.438	ug/l	97
83) tert-Butylbenzene	12.58	119	543543	22.777	ug/l	98
84) 1,2,4-Trimethylbenzene	12.63	105	485777	20.461	ug/l	98
85) sec-Butylbenzene	12.75	105	660007	22.539	ug/l	98
86) p-Isopropyltoluene	12.88	119	538624	22.821	ug/l	99
87) 1,3-Dichlorobenzene	12.84	146	311787	21.367	ug/l	100
88) 1,4-Dichlorobenzene	12.92	146	317026	22.017	ug/l	96
89) n-Butylbenzene	13.20	91	597503	25.646	ug/l	98
90) Hexachloroethane	13.40	117	134410	22.825	ug/l	69
91) 1,2-Dichlorobenzene	13.19	146	283537	22.918	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	20584	18.882	ug/l #	56

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	266644	23.312	ug/l	94
94) Hexachlorobutadiene	14.44	225	192493	22.364	ug/l	96
95) Naphthalene	14.52	128	327025	20.514	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	221550	21.542	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.02 min

Lab File: VD059486.D

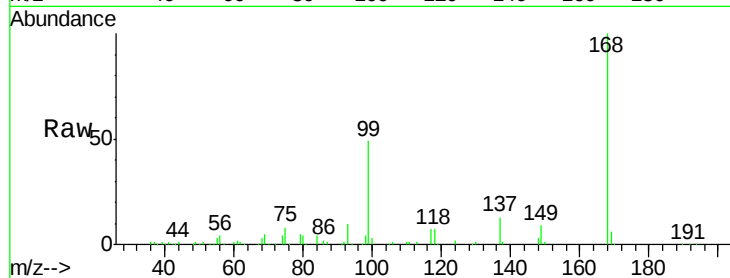
Acq: 29 Jun 2018 12:34

Tot Ion: 168 Resp: 935576

Ion Ratio Lower Upper

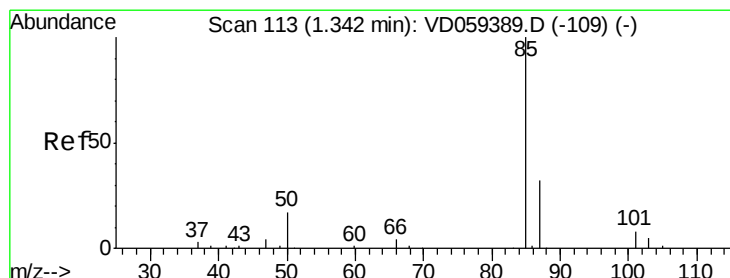
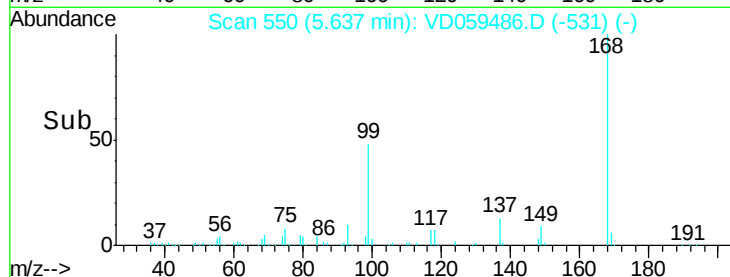
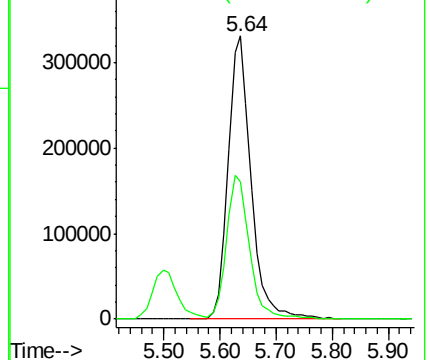
168 100

99 48.6 41.0 61.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 23.405 ug/l

RT: 1.33 min Scan# 113

Delta R.T. -0.01 min

Lab File: VD059486.D

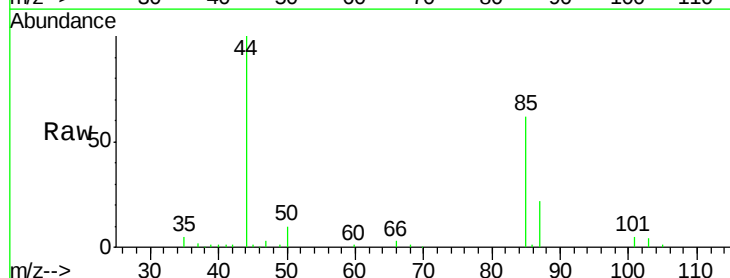
Acq: 29 Jun 2018 12:34

Tgt Ion: 85 Resp: 194823

Ion Ratio Lower Upper

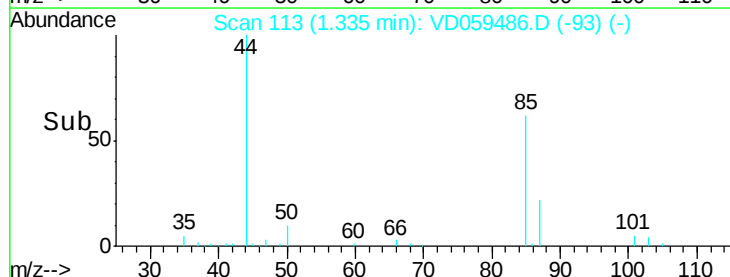
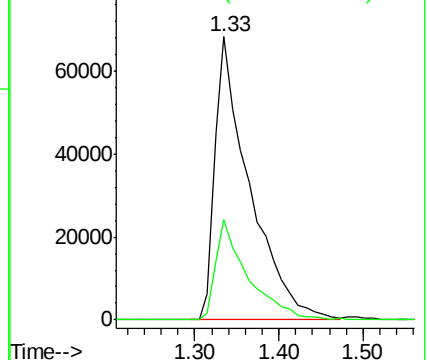
85 100

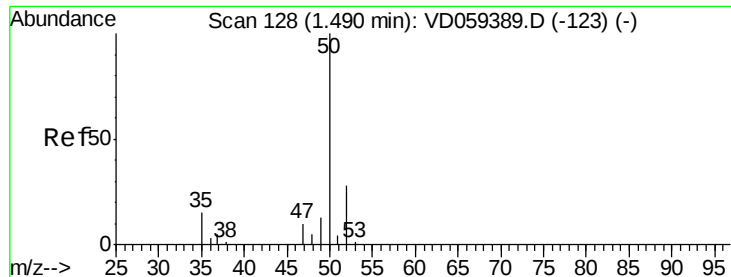
87 35.6 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.878 ug/l

RT: 1.47 min Scan# 127

Delta R.T. -0.02 min

Lab File: VD059486.D

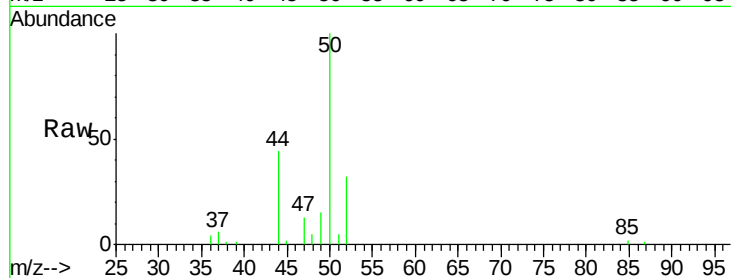
Acq: 29 Jun 2018 12:34

Tot Ion: 50 Resp: 94761

Ion Ratio Lower Upper

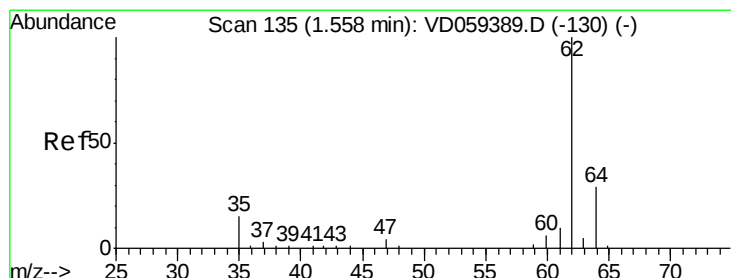
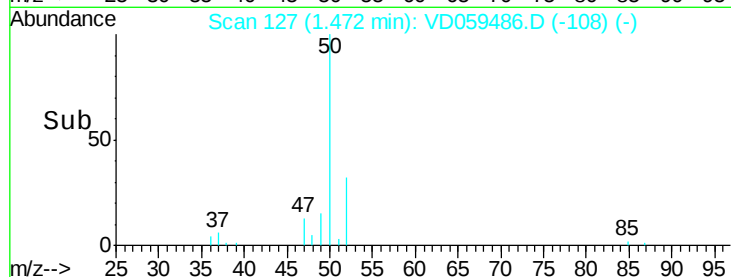
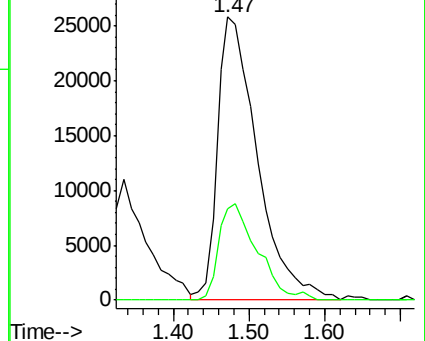
50 100

52 32.5 21.8 32.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.535 ug/l

RT: 1.55 min Scan# 135

Delta R.T. -0.01 min

Lab File: VD059486.D

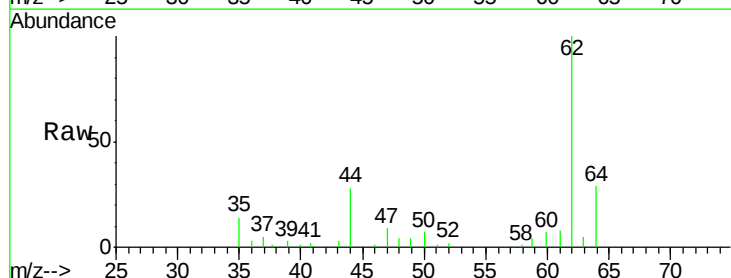
Acq: 29 Jun 2018 12:34

Tgt Ion: 62 Resp: 92277

Ion Ratio Lower Upper

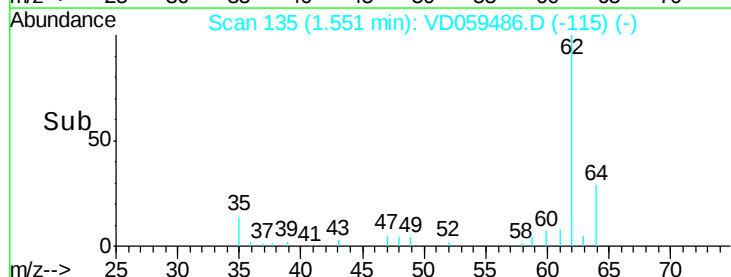
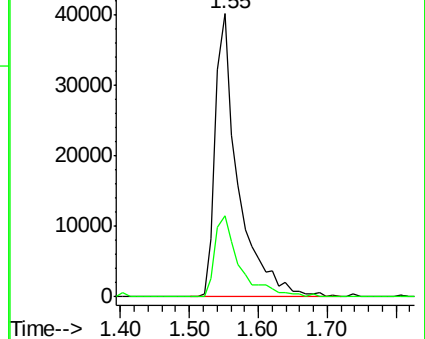
62 100

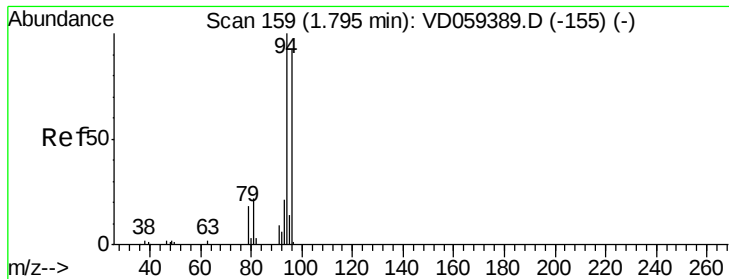
64 28.8 23.0 34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.169 ug/l

RT: 1.79 min Scan# 159

Delta R.T. -0.01 min

Lab File: VD059486.D

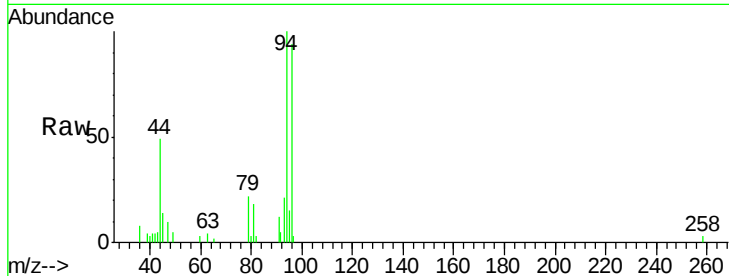
Acq: 29 Jun 2018 12:34

Tot Ion: 94 Resp: 31108

Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

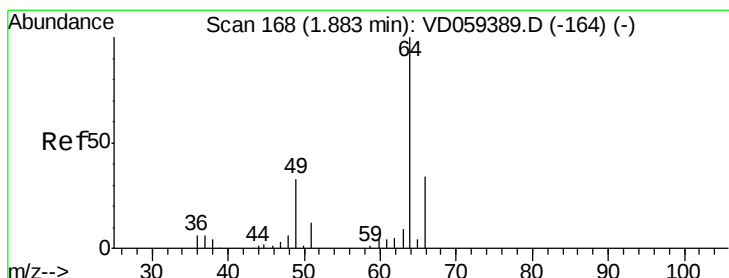
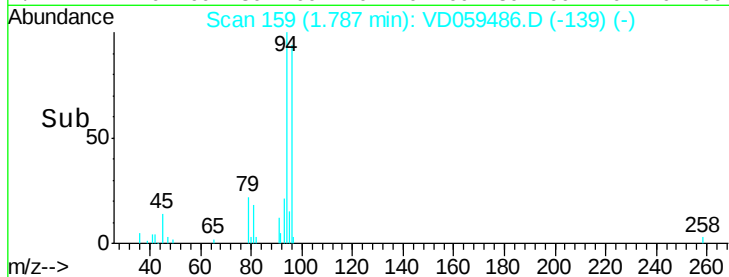
1.79

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.272 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.02 min

Lab File: VD059486.D

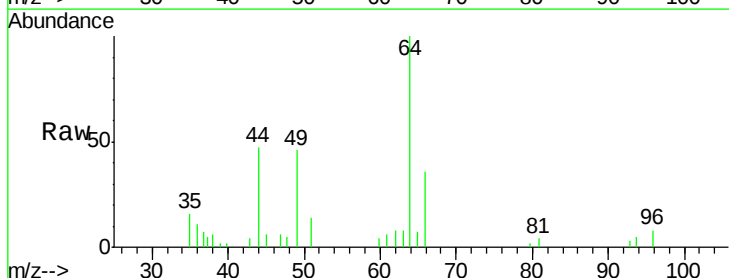
Acq: 29 Jun 2018 12:34

Tgt Ion: 64 Resp: 35562

Ion Ratio Lower Upper

64 100

66 35.7 27.1 40.7



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

1.87

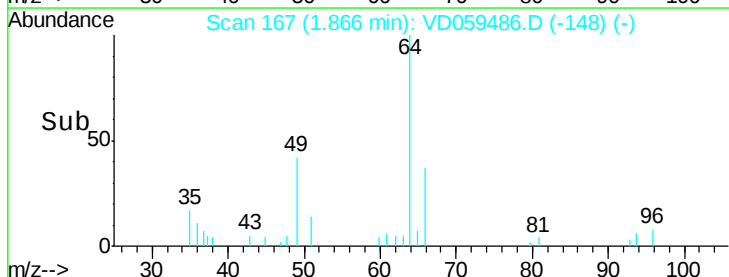
15000

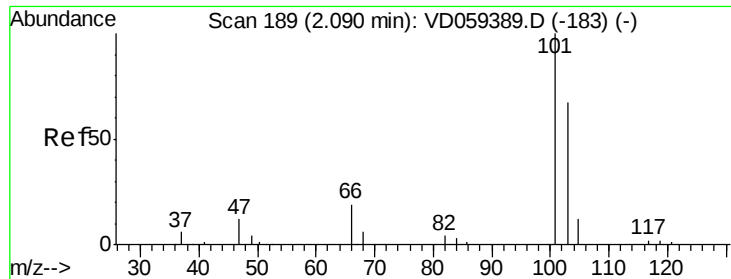
10000

5000

0

Time-->





#7

Trichlorofluoromethane

Concen: 22.168 ug/l

RT: 2.07 min Scan# 188

Delta R.T. -0.02 min

Lab File: VD059486.D

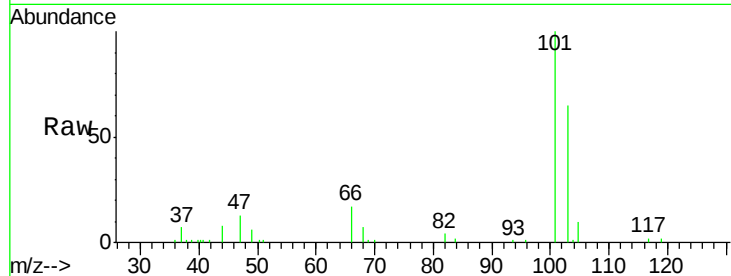
Acq: 29 Jun 2018 12:34

Tot Ion:101 Resp: 143637

Ion Ratio Lower Upper

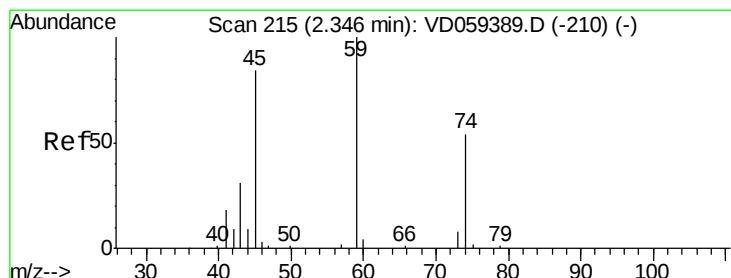
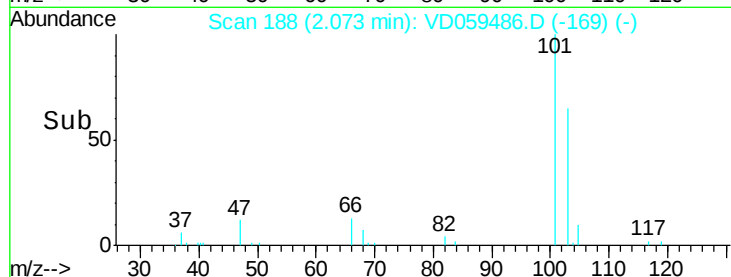
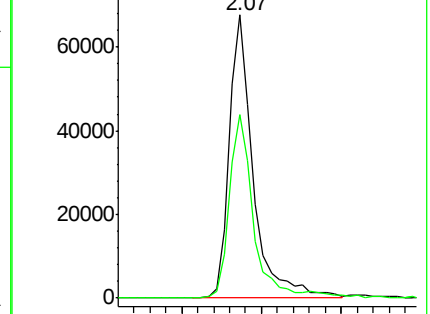
101 100

103 65.0 53.4 80.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 18.243 ug/l

RT: 2.34 min Scan# 215

Delta R.T. -0.01 min

Lab File: VD059486.D

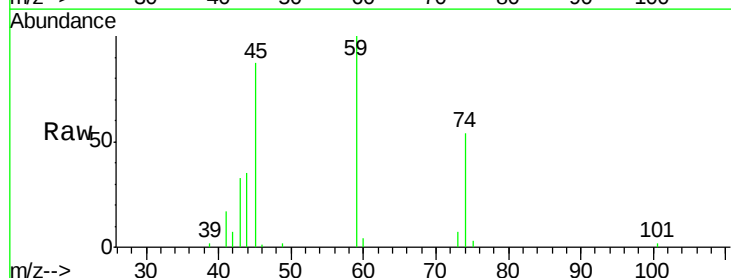
Acq: 29 Jun 2018 12:34

Tgt Ion: 74 Resp: 26746

Ion Ratio Lower Upper

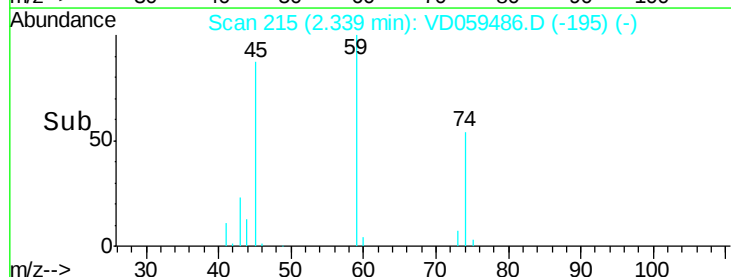
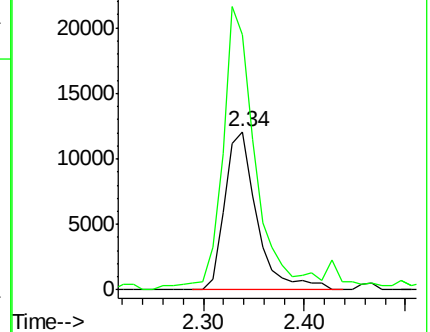
74 100

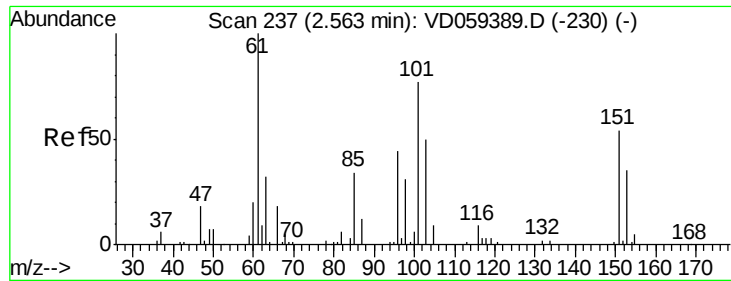
45 161.5 78.0 233.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

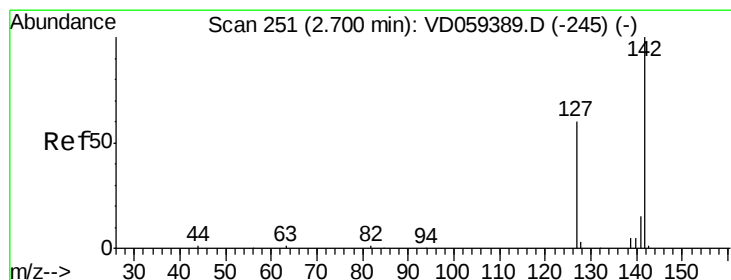
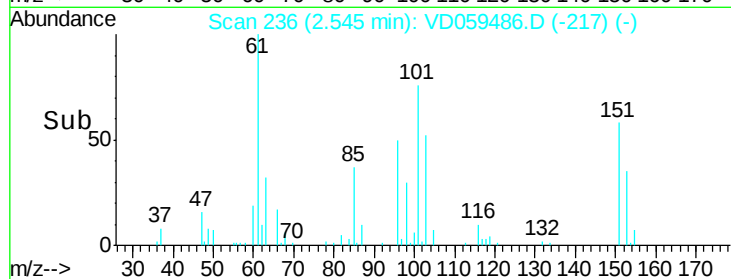
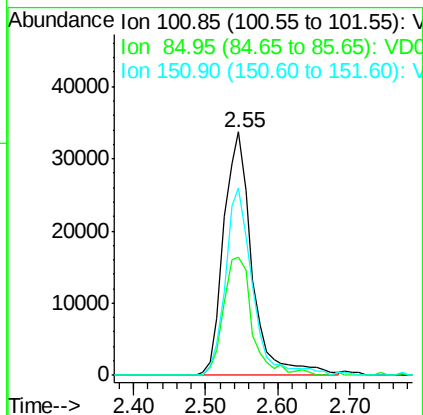
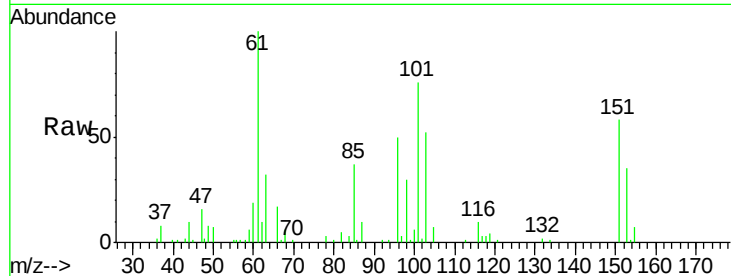
Ion 45.05 (44.75 to 45.75): VDC





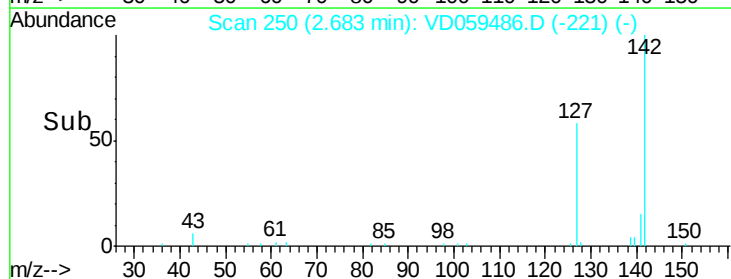
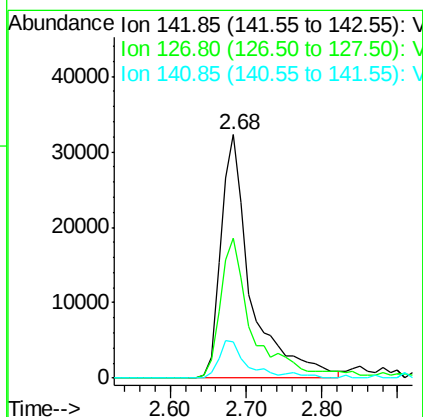
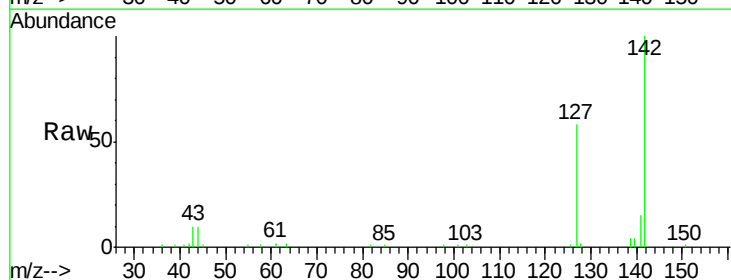
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.882 ug/l
 RT: 2.55 min Scan# 236
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

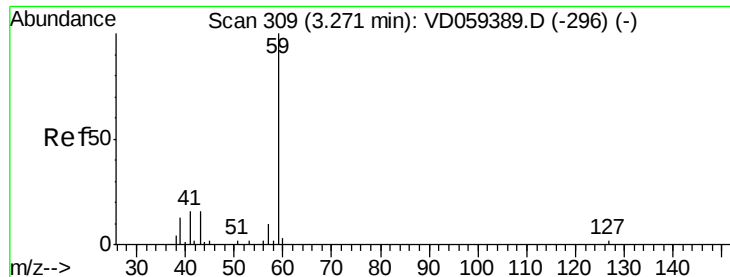
Tot Ion	Ratio	Lower	Upper
101	100		
85	48.7	35.7	53.5
151	76.8	55.8	83.8



#10
 Methyl Iodide
 Concen: 18.991 ug/l
 RT: 2.68 min Scan# 250
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion	Ratio	Lower	Upper
142	100		
127	57.7	48.4	72.6
141	15.1	12.1	18.1

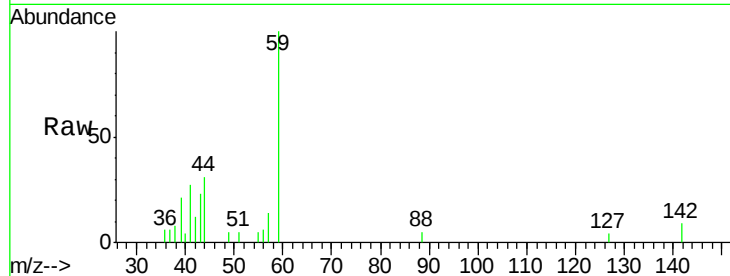




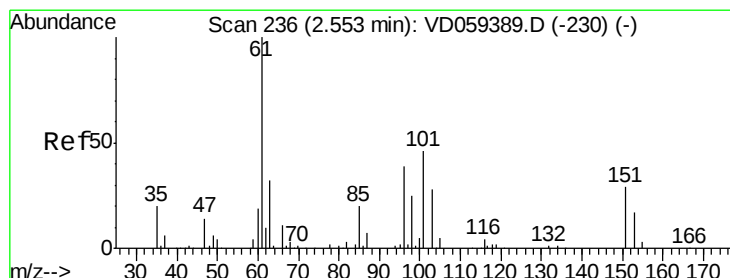
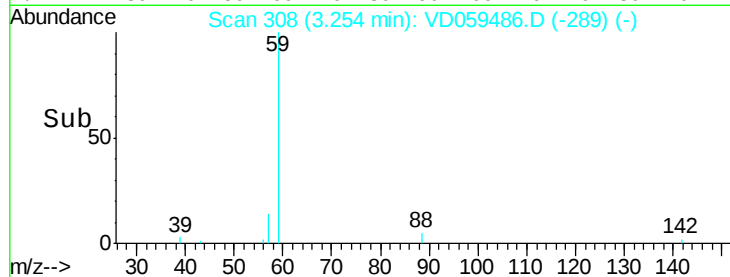
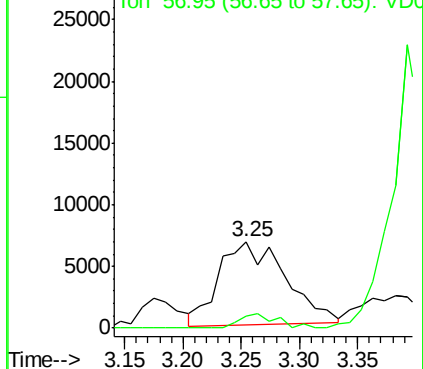
#11

Tert butyl alcohol
Concen: 80.114 ug/l
RT: 3.25 min Scan# 308
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 59 Resp: 26517
Ion Ratio Lower Upper
59 100
57 14.1 8.3 12.5#



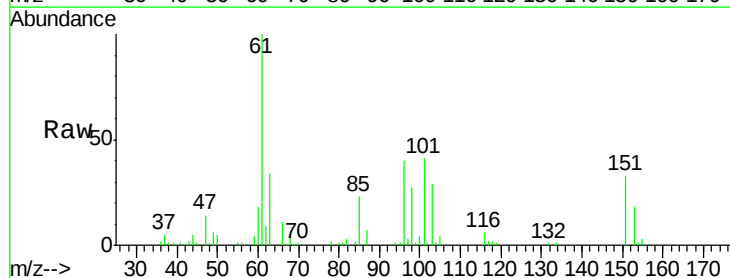
Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC



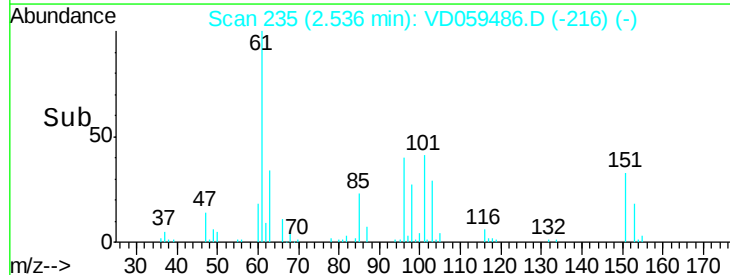
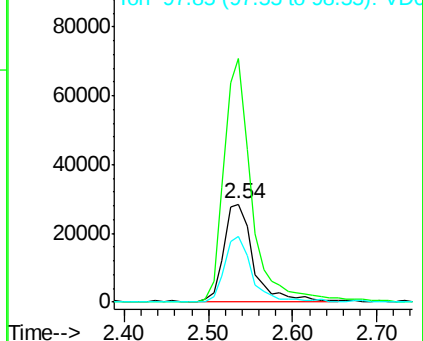
#12

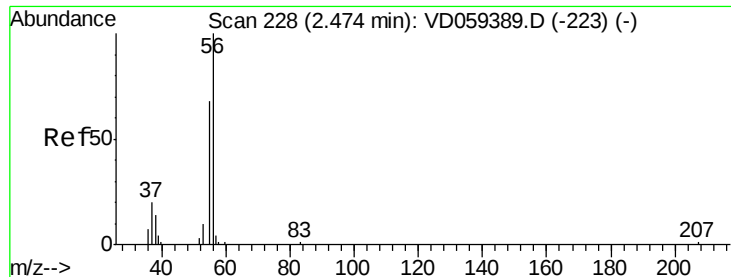
1,1-Dichloroethene
Concen: 22.764 ug/l
RT: 2.54 min Scan# 235
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 96 Resp: 70175
Ion Ratio Lower Upper
96 100
61 248.0 205.4 308.0
98 67.5 51.0 76.4



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





#13

Acrolein

Concen: 97.223 ug/l

RT: 2.47 min Scan# 228

Delta R.T. -0.01 min

Lab File: VD059486.D

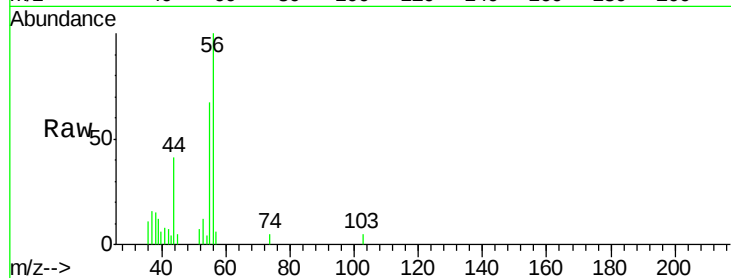
Acq: 29 Jun 2018 12:34

Tot Ion: 56 Resp: 28768

Ion Ratio Lower Upper

56 100

55 66.8 54.6 82.0

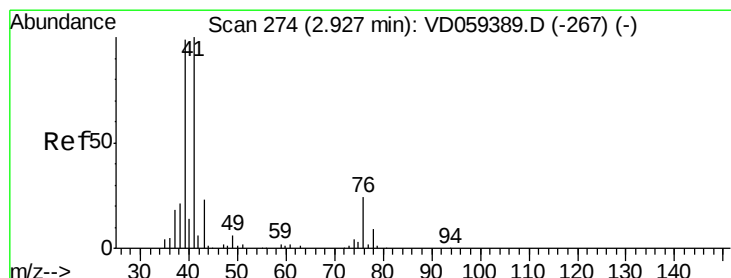
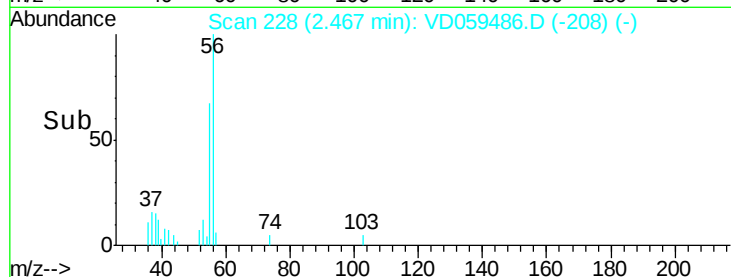


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.47

Time-->



#14

Allyl chloride

Concen: 21.155 ug/l

RT: 2.91 min Scan# 273

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

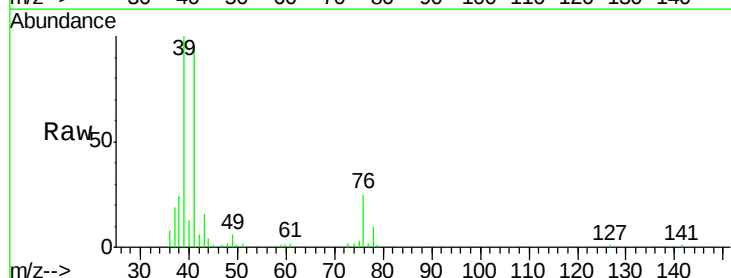
Tgt Ion: 41 Resp: 149269

Ion Ratio Lower Upper

41 100

39 104.9 79.1 118.7

76 26.0 21.9 32.9



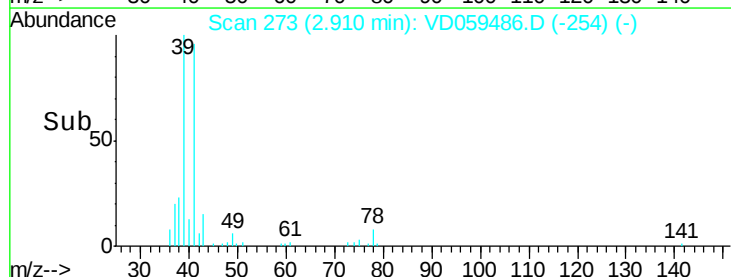
Abundance Ion 41.05 (40.75 to 41.75): VDC

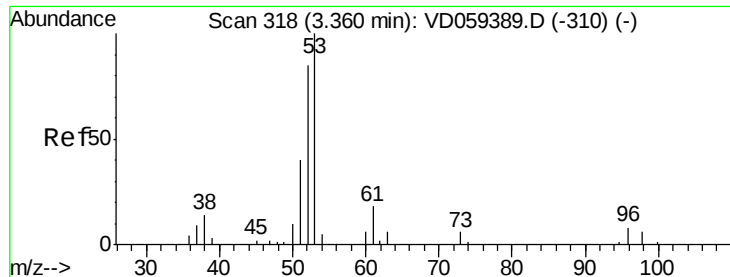
Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

2.91

Time-->





#15

Acrylonitrile

Concen: 91.015 ug/l

RT: 3.34 min Scan# 317

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

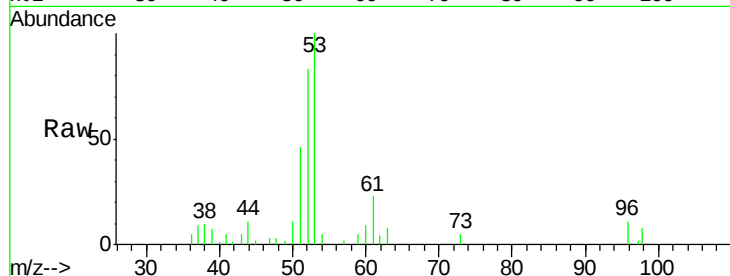
Tot Ion: 53 Resp: 92456

Ion Ratio Lower Upper

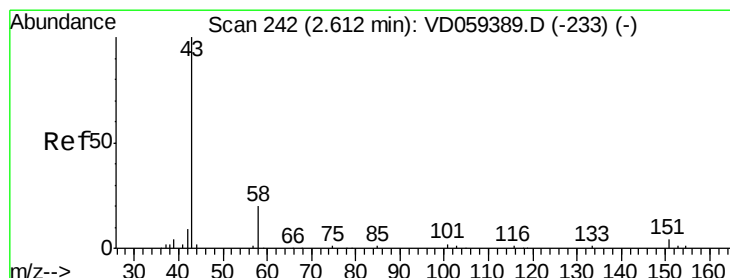
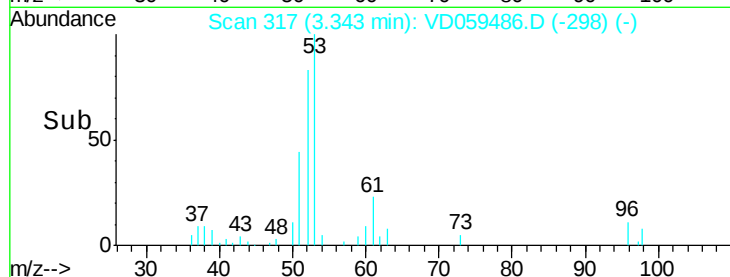
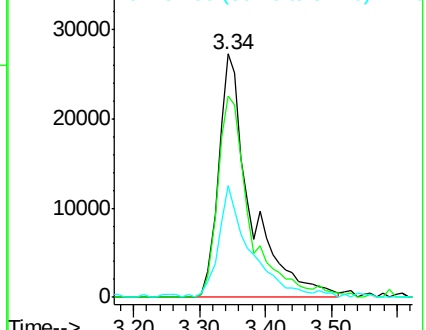
53 100

52 82.7 67.9 101.9

51 46.1 32.2 48.4



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



#16

Acetone

Concen: 107.671 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059486.D

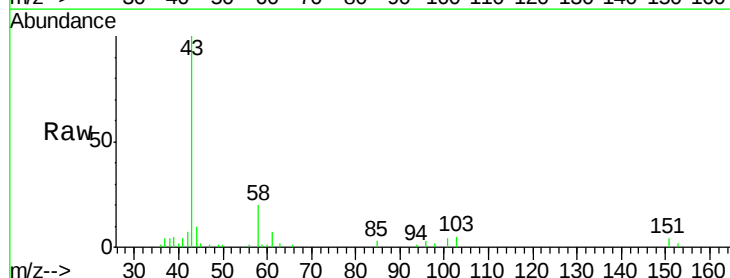
Acq: 29 Jun 2018 12:34

Tgt Ion: 43 Resp: 130014

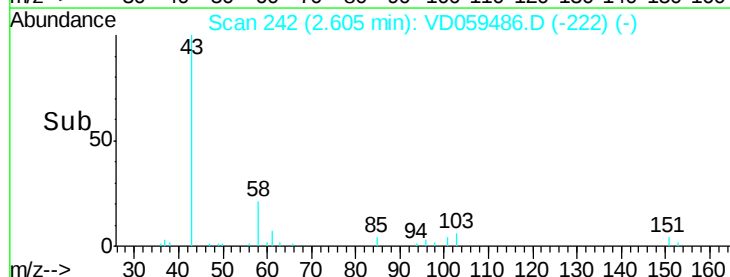
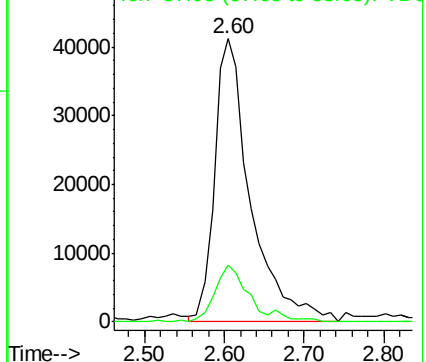
Ion Ratio Lower Upper

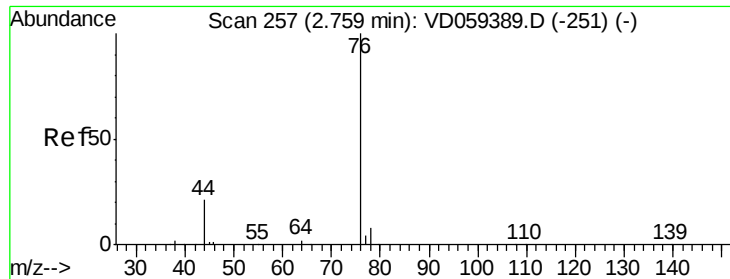
43 100

58 20.3 16.8 25.2



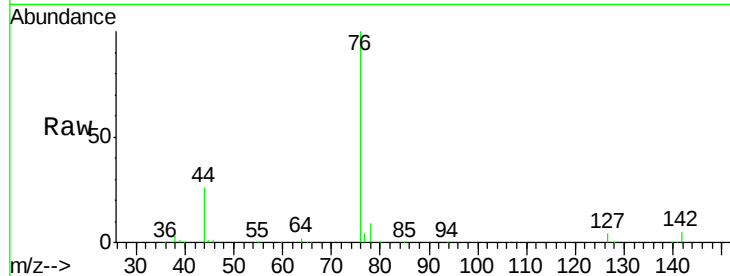
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



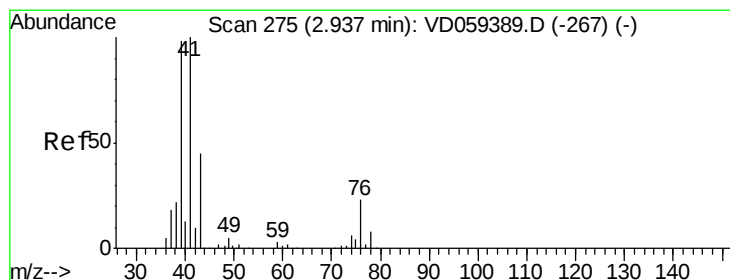
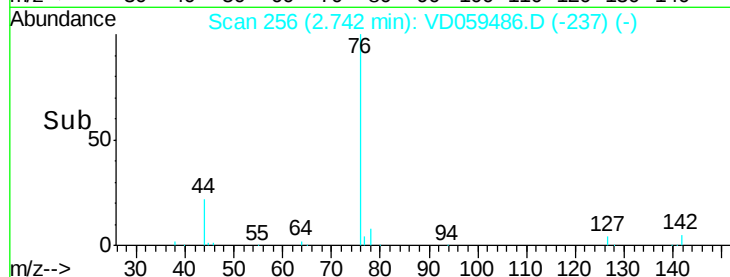
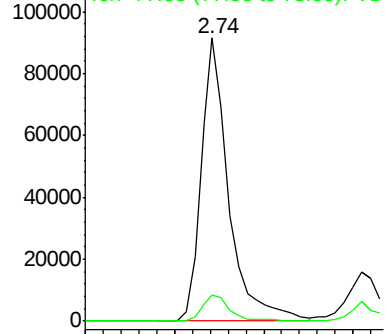


#17
Carbon Disulfide
Concen: 20.916 ug/l
RT: 2.74 min Scan# 256
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 76 Resp: 197478
Ion Ratio Lower Upper
76 100
78 9.1 6.6 9.8

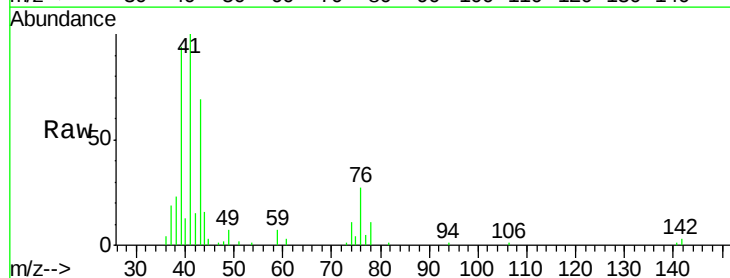


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

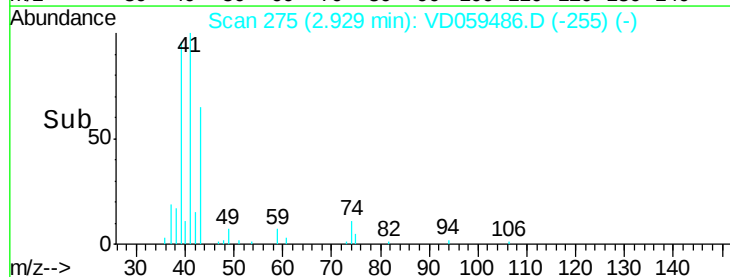
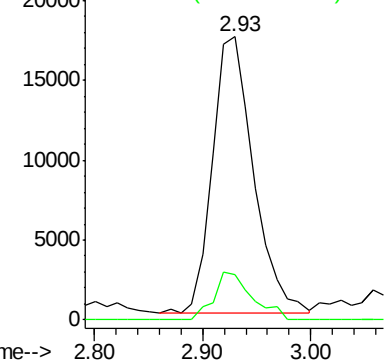


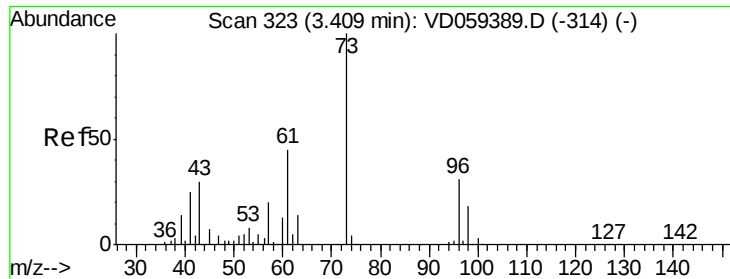
#18
Methyl Acetate
Concen: 15.584 ug/l
RT: 2.93 min Scan# 275
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 43 Resp: 45700
Ion Ratio Lower Upper
43 100
74 16.0 11.0 16.4



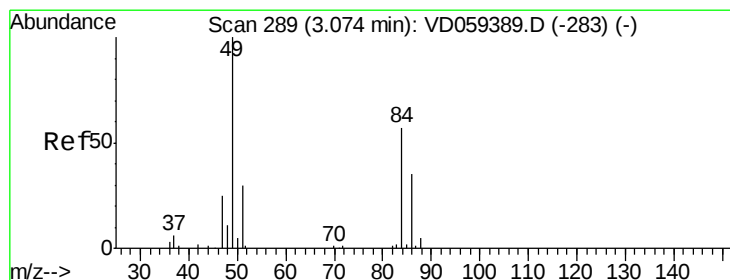
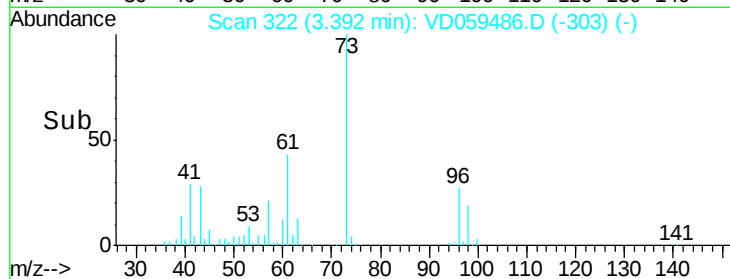
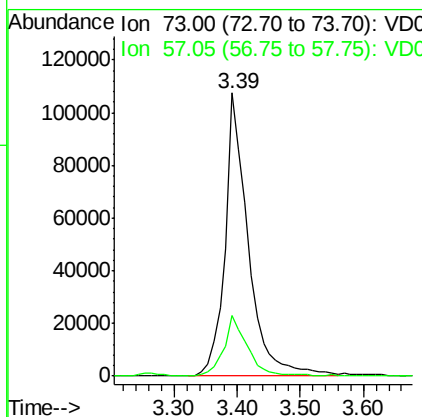
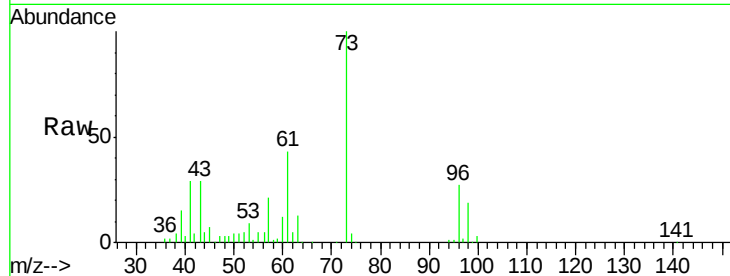
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 74.00 (73.70 to 74.70): VDC





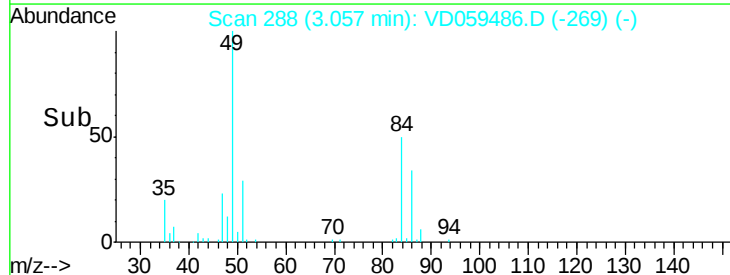
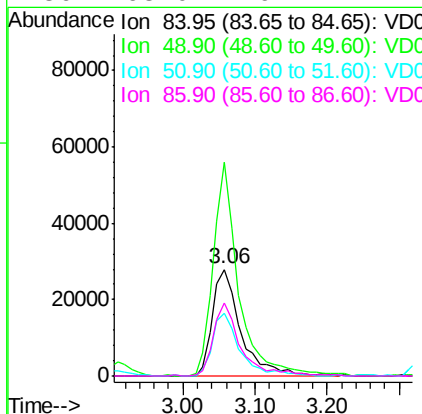
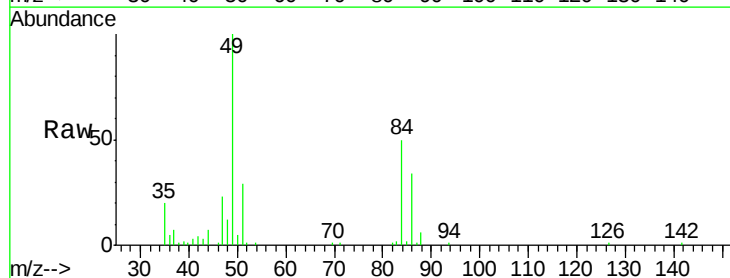
#19
Methvl tert-butvl Ether
Concen: 18.124 ug/l
RT: 3.39 min Scan# 322
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

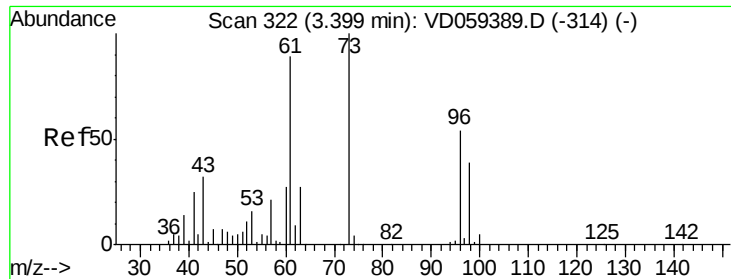
Tot Ion: 73 Resp: 275016
Ion Ratio Lower Upper
73 100
57 21.4 16.1 24.1



#20
Methylene Chloride
Concen: 21.334 ug/l
RT: 3.06 min Scan# 288
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 84 Resp: 76234
Ion Ratio Lower Upper
84 100
49 200.0 140.3 210.5
51 58.4 41.6 62.4
86 68.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 18.389 ug/l

RT: 3.37 min Scan# 320

Delta R.T. -0.03 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

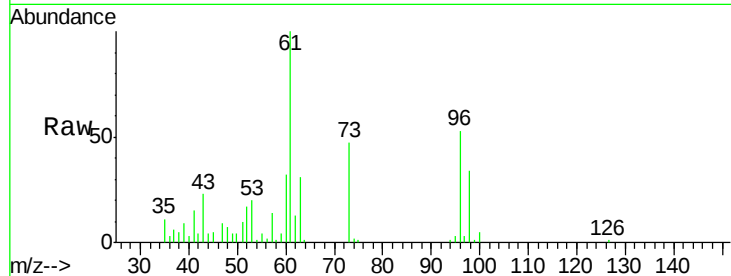
Tot Ion: 96 Resp: 100231

Ion Ratio Lower Upper

96 100

61 187.2 131.0 196.4

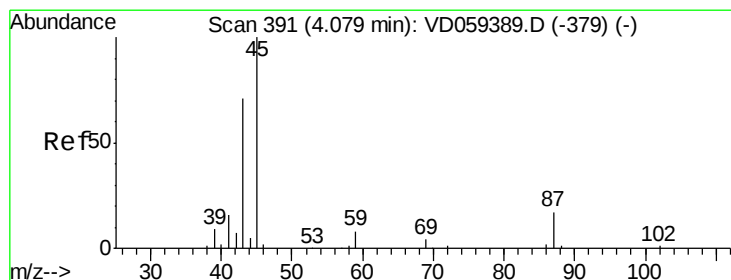
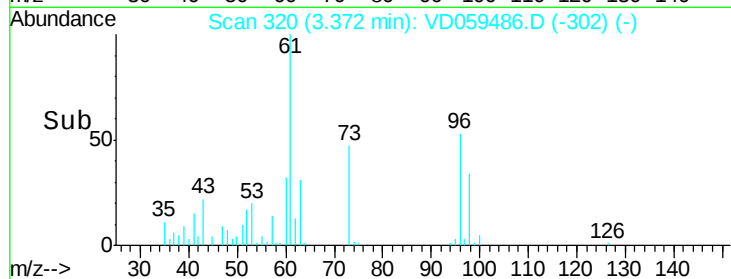
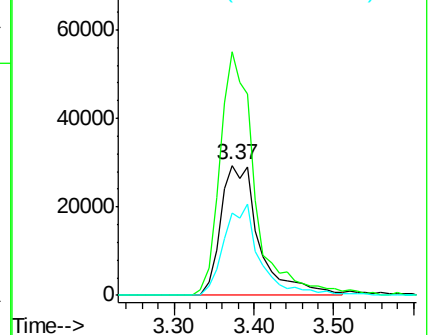
98 63.7 56.8 85.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 21.235 ug/l

RT: 4.06 min Scan# 390

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tgt Ion: 45 Resp: 563760

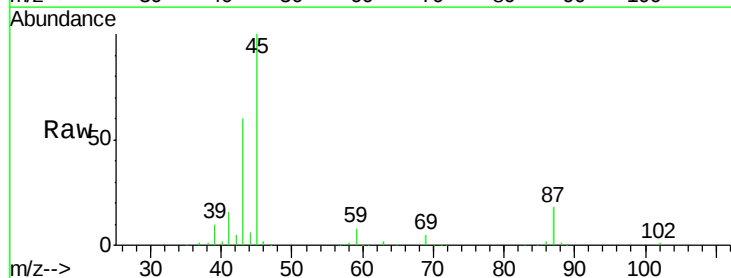
Ion Ratio Lower Upper

45 100

43 60.4 56.9 85.3

87 18.1 14.2 21.4

59 7.8 7.0 10.4

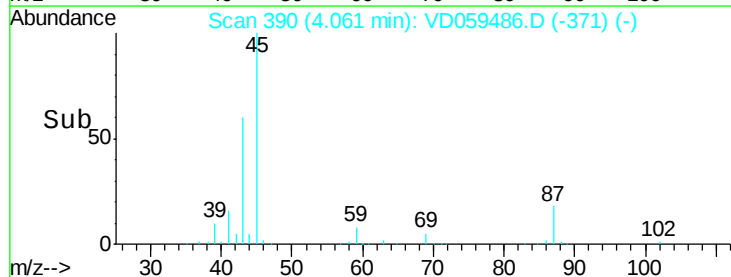
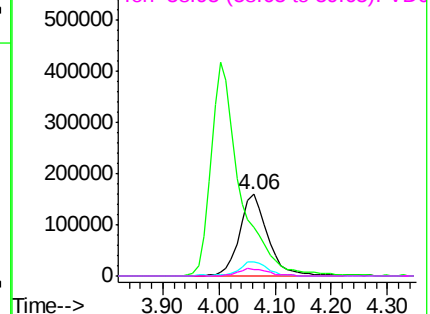


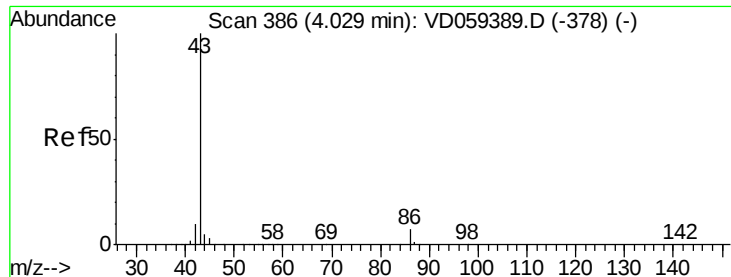
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 109.371 ug/l

RT: 4.00 min Scan# 384

Delta R.T. -0.03 min

Lab File: VD059486.D

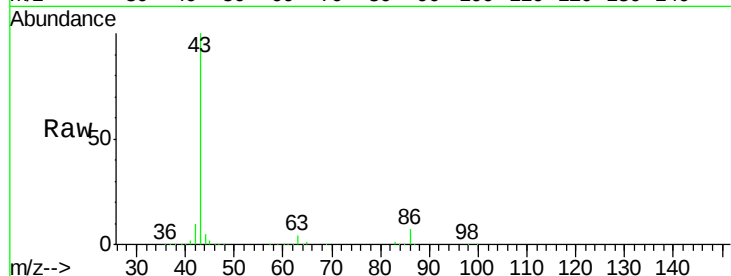
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 1512865

Ion Ratio Lower Upper

43 100

86 6.7 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.00

400000

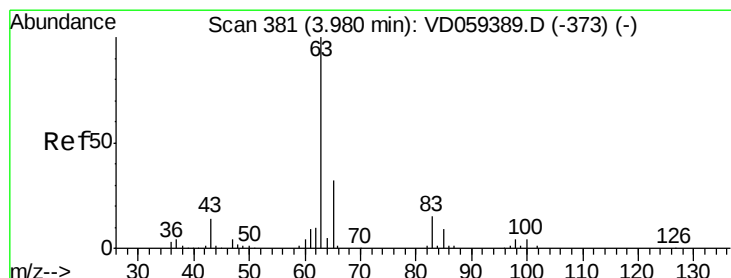
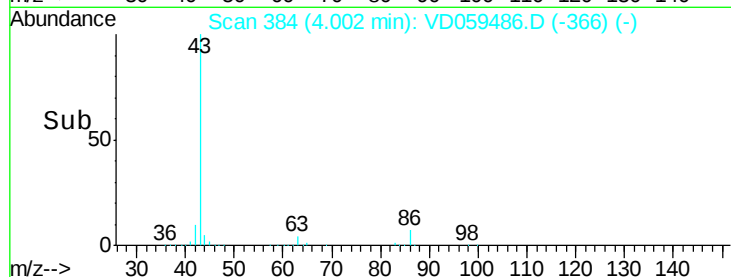
300000

200000

100000

0

Time--> 3.80 3.90 4.00 4.10 4.20



#24

1,1-Dichloroethane

Concen: 21.608 ug/l

RT: 3.96 min Scan# 380

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

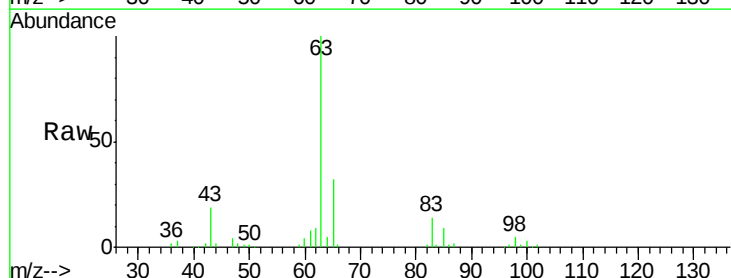
Tgt Ion: 63 Resp: 328256

Ion Ratio Lower Upper

63 100

98 4.7 2.1 6.5

100 2.9 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

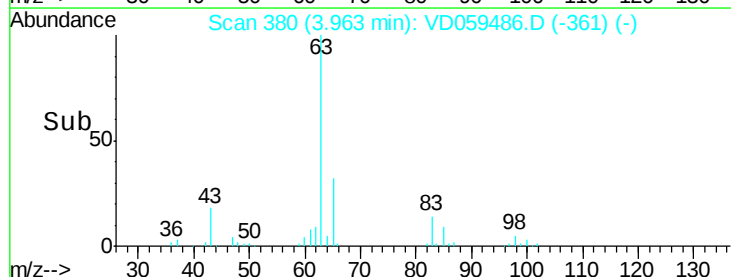
3.96

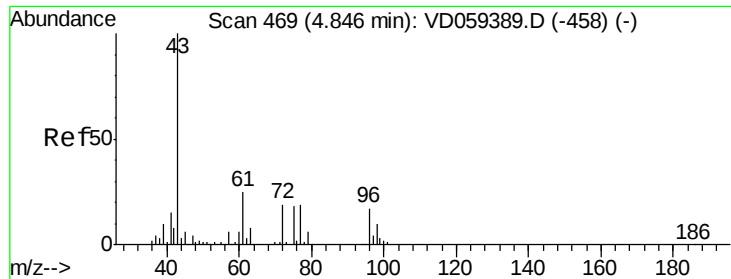
100000

50000

0

Time--> 3.80 3.90 4.00 4.10 4.20





#25

2-Butanone

Concen: 99.904 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.02 min

Lab File: VD059486.D

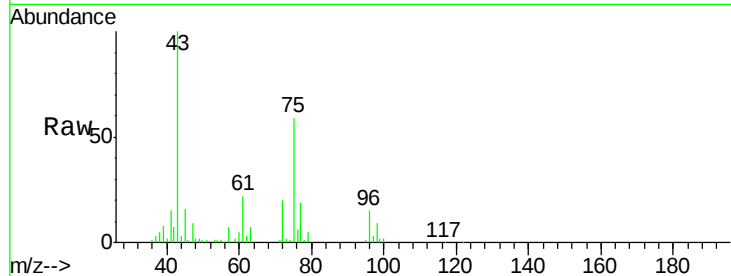
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 252707

Ion Ratio Lower Upper

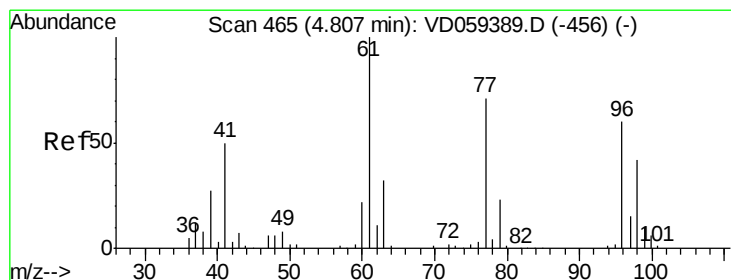
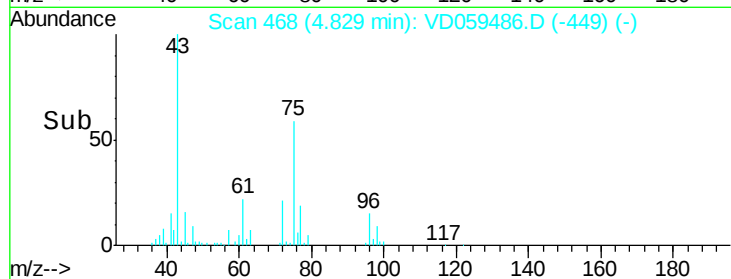
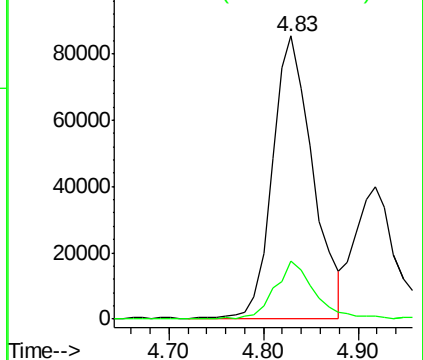
43 100

72 20.4 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 23.383 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.02 min

Lab File: VD059486.D

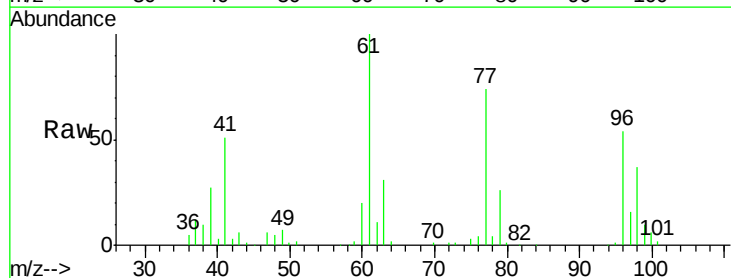
Acq: 29 Jun 2018 12:34

Tgt Ion: 77 Resp: 275476

Ion Ratio Lower Upper

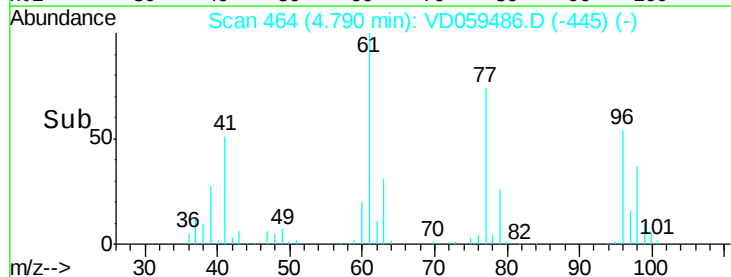
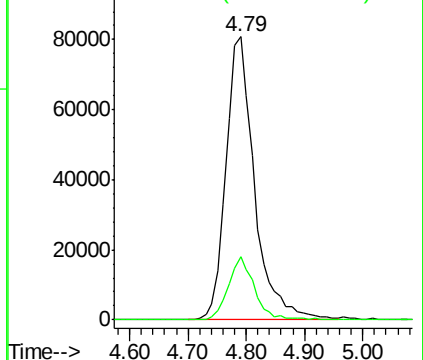
77 100

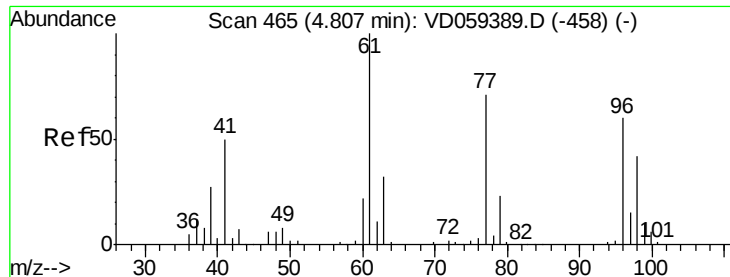
97 22.3 10.7 32.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

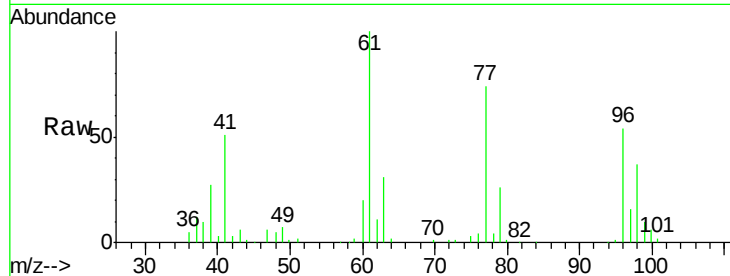




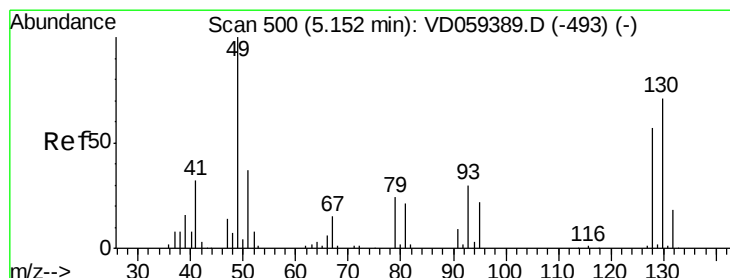
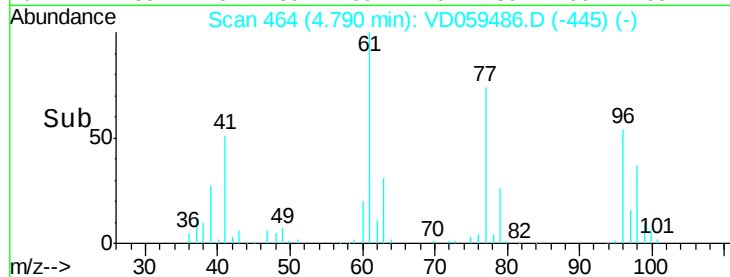
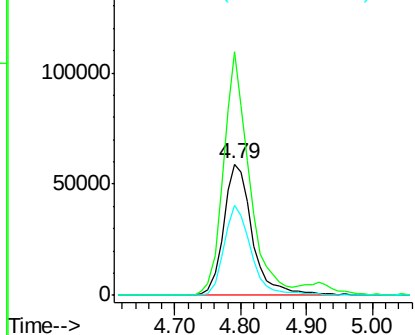
#27

cis-1,2-Dichloroethene
Concen: 19.586 ug/l
RT: 4.79 min Scan# 464
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion	96	Resp	179398
Ion	Ratio	Lower	Upper
96	100		
61	185.2	0.0	335.8
98	68.8	0.0	141.0



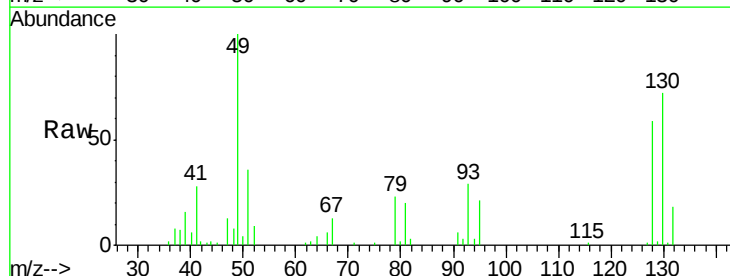
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



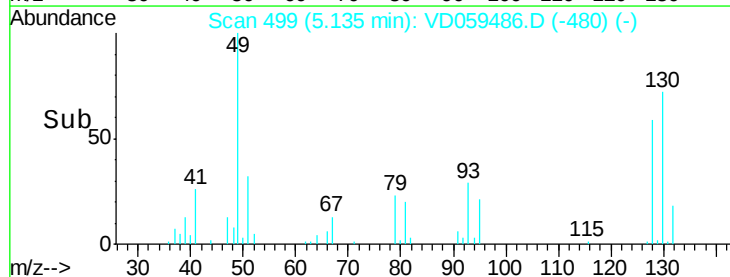
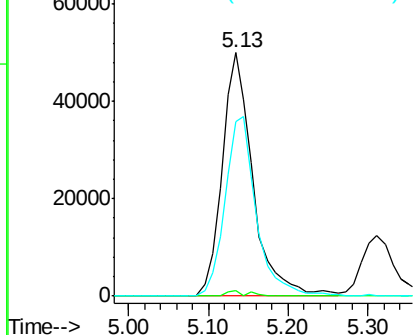
#28

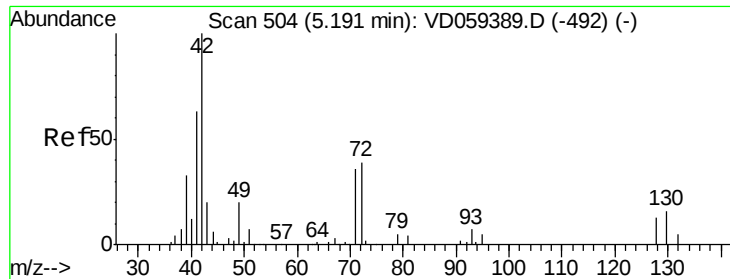
Bromochloromethane
Concen: 20.492 ug/l
RT: 5.13 min Scan# 499
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion	49	Resp	134964
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	71.8	57.0	85.6



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





#29

Tetrahydrofuran

Concen: 91.285 ug/l

RT: 5.17 min Scan# 503

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

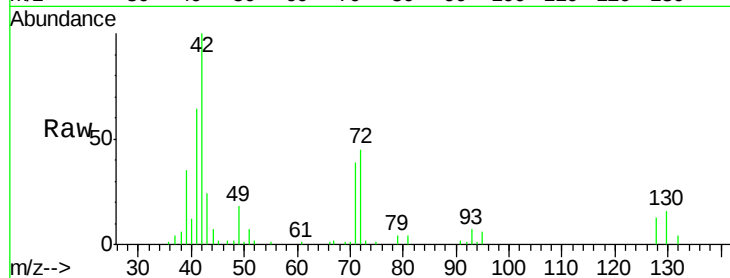
Tot Ion: 42 Resp: 126303

Ion Ratio Lower Upper

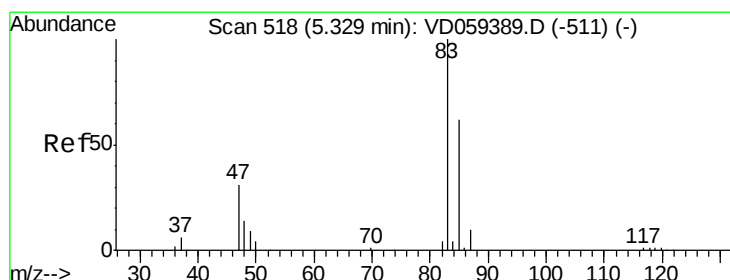
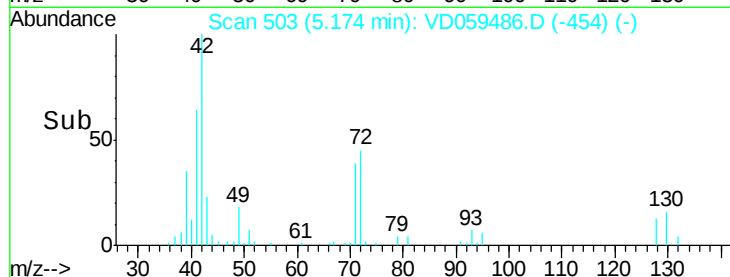
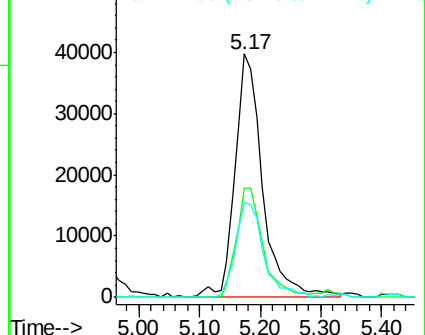
42 100

72 43.2 31.4 47.2

71 39.3 29.7 44.5



Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.275 ug/l

RT: 5.31 min Scan# 517

Delta R.T. -0.02 min

Lab File: VD059486.D

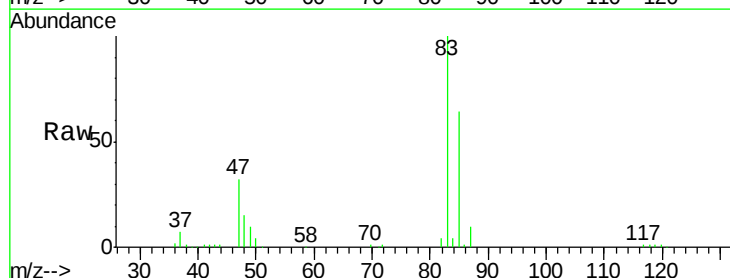
Acq: 29 Jun 2018 12:34

Tgt Ion: 83 Resp: 335714

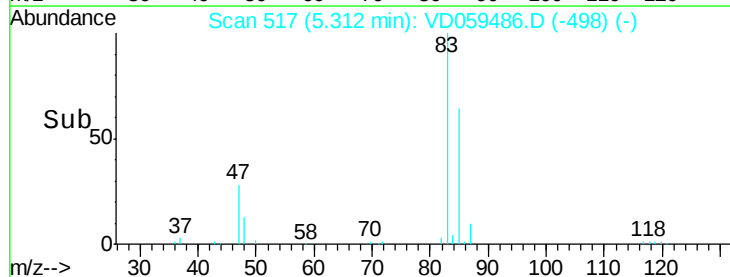
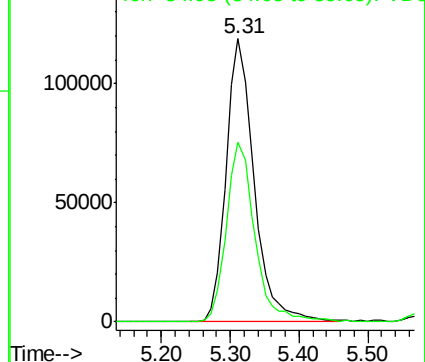
Ion Ratio Lower Upper

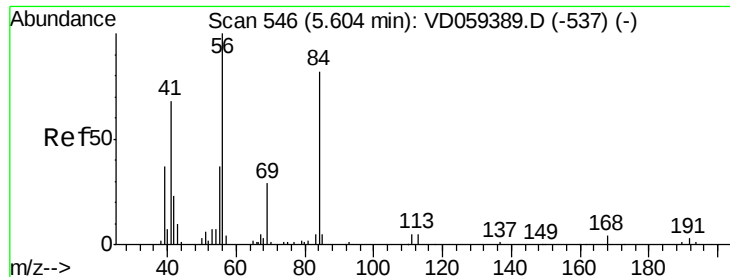
83 100

85 63.6 49.3 73.9



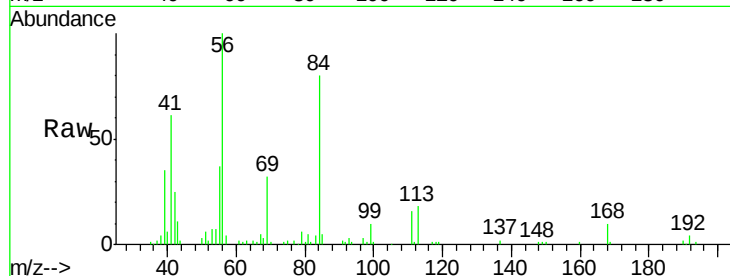
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



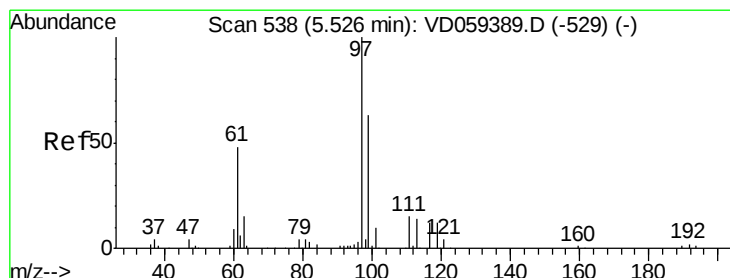
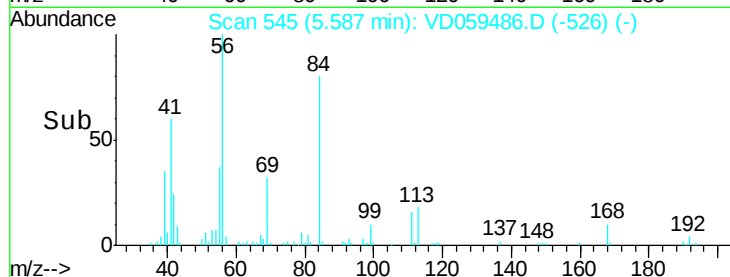
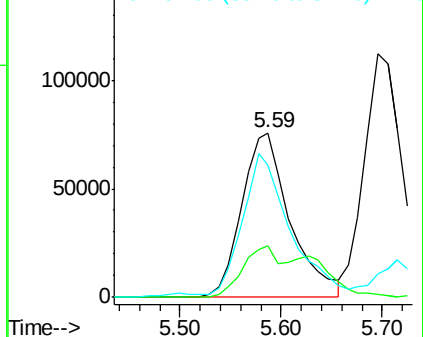


#31
Cyclohexane
Concen: 23.056 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion	56	Resp	252189
Ion	Ratio	Lower	Upper
56	100		
69	31.5	22.9	34.3
84	80.4	67.3	100.9

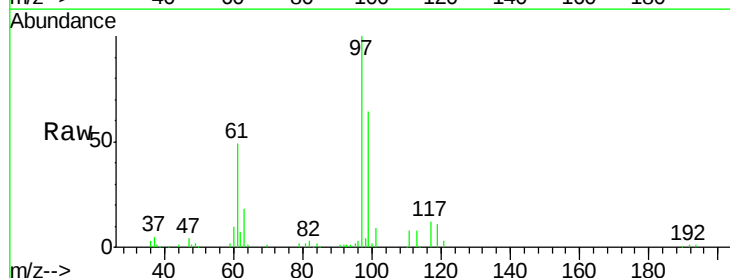


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

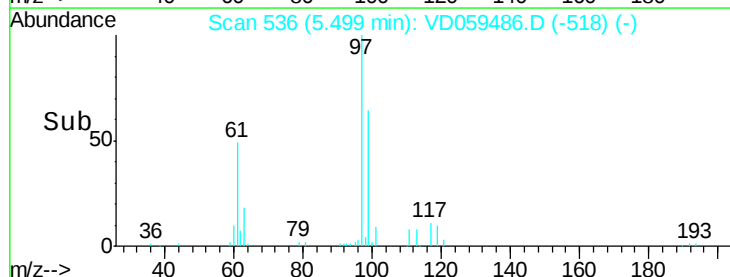
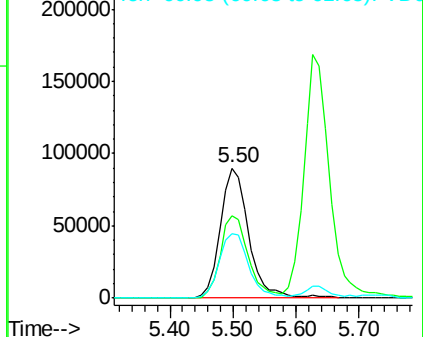


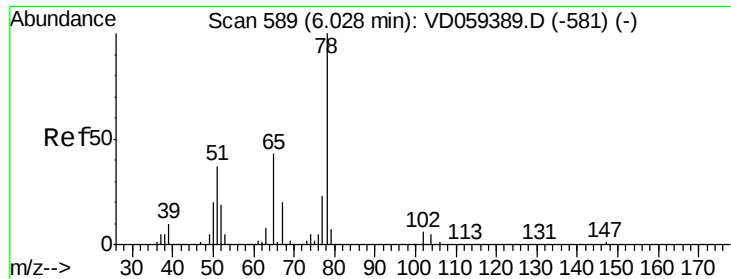
#32
1,1,1-Trichloroethane
Concen: 21.024 ug/l
RT: 5.50 min Scan# 536
Delta R.T. -0.03 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion	97	Resp	281894
Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.2	75.4
61	49.1	38.6	57.8



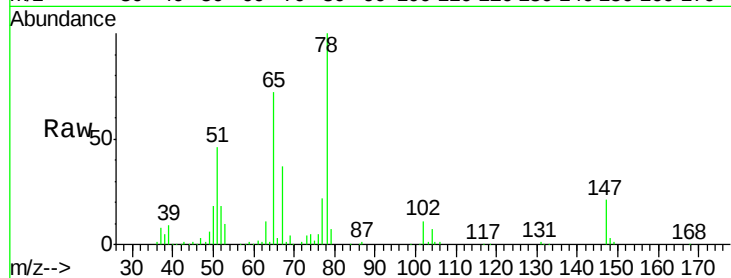
Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC



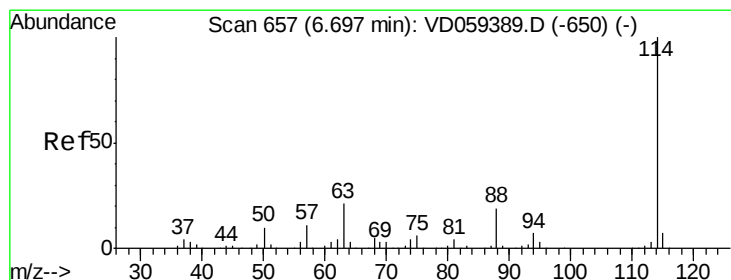
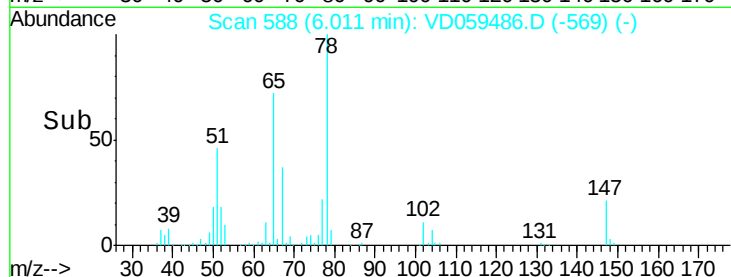
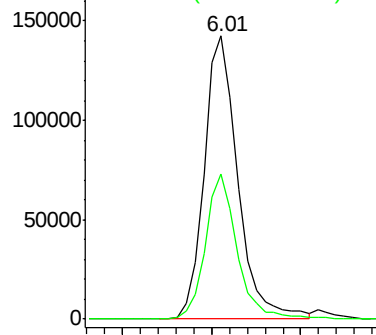


#33
 1,2-Dichloroethane-d4
 Concen: 21.024 ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tot Ion: 65 Resp: 374565
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 93.8

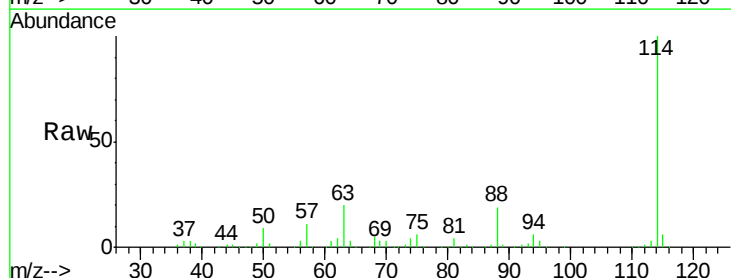


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

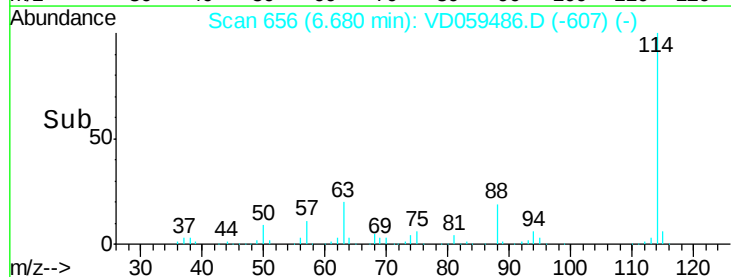
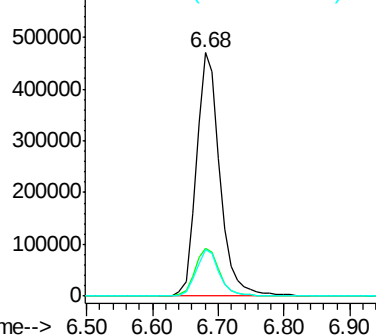


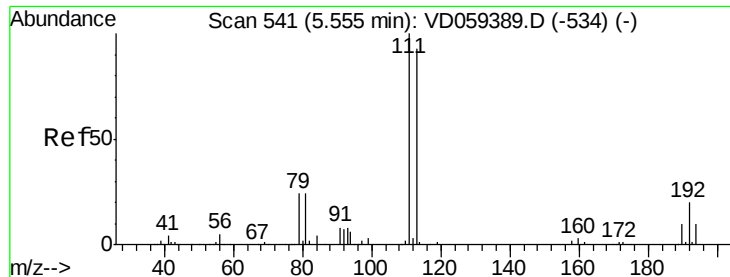
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion: 114 Resp: 1170859
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 19.2 0.0 38.0



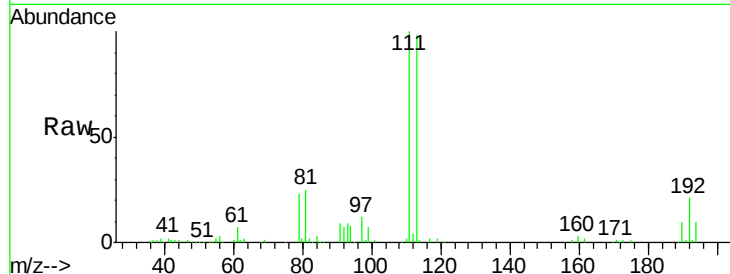
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC



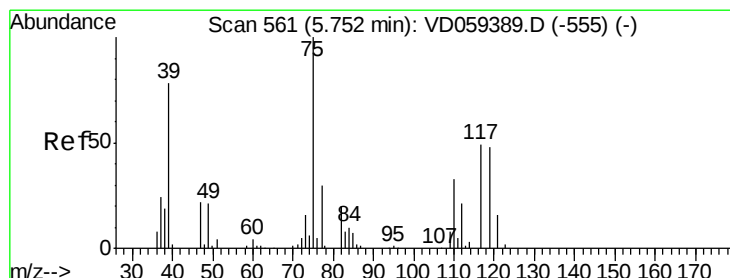
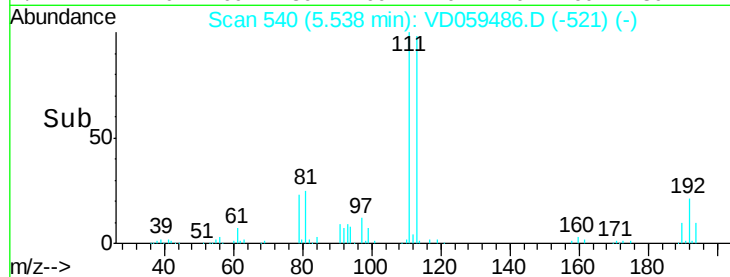
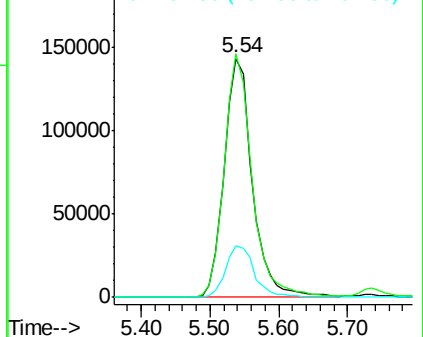


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	85.7	128.5
192	21.7	16.9	25.3

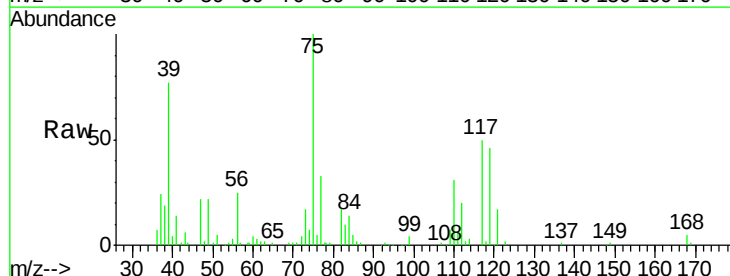


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

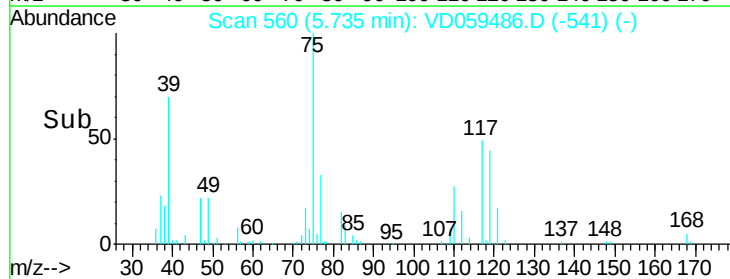
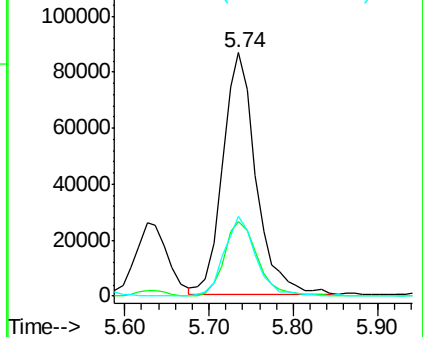


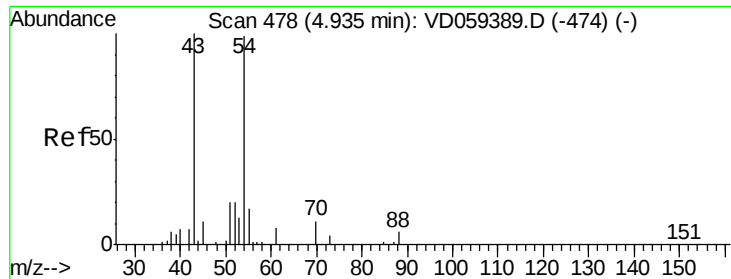
#36
 1,1-Dichloropropene
 Concen: 22.300 ug/l
 RT: 5.74 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	30.7	16.1	48.2
77	32.8	23.4	35.2



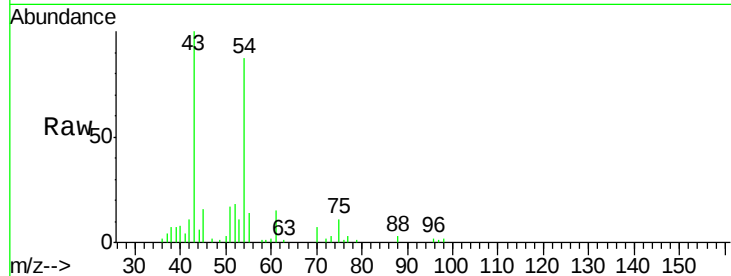
Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC



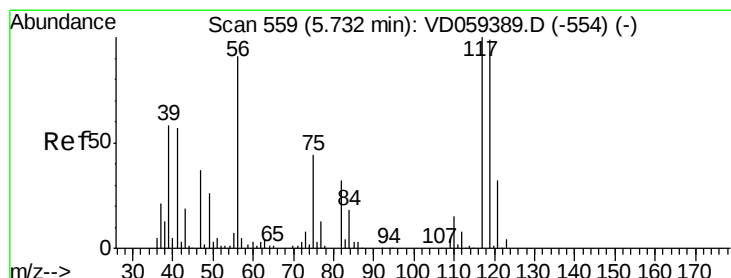
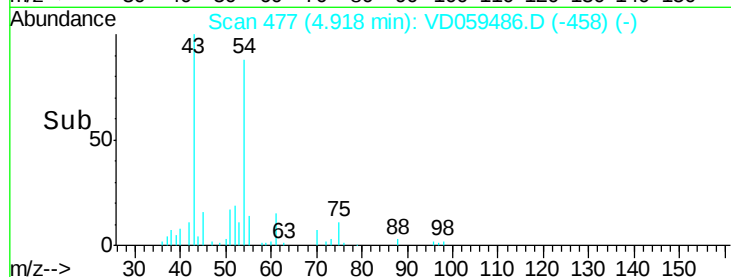
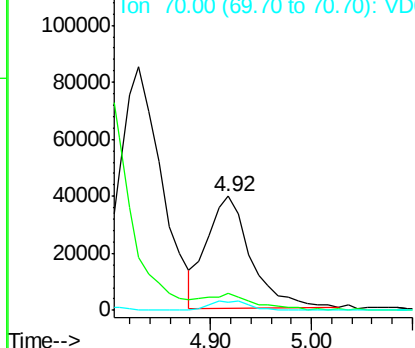


#37
Ethyl Acetate
Concen: 18.459 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 119398
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.8
70 7.2 6.1 9.1

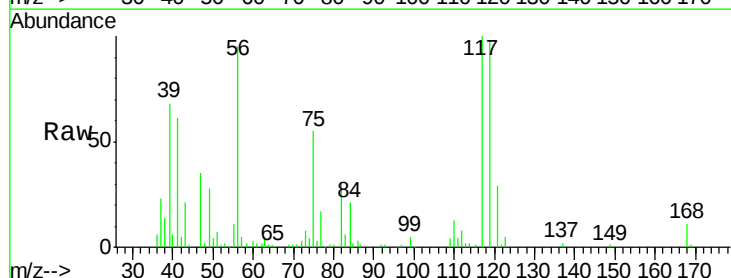


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

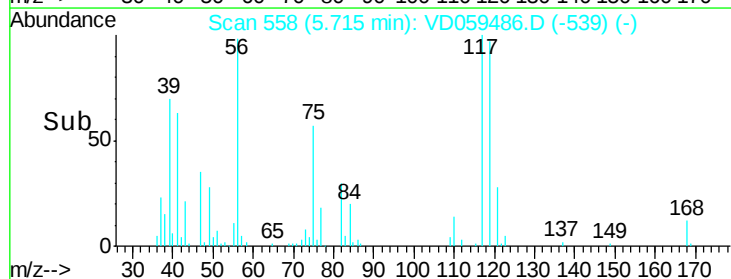
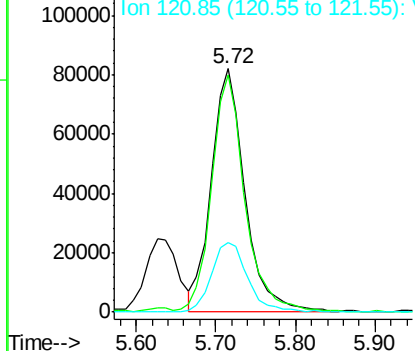


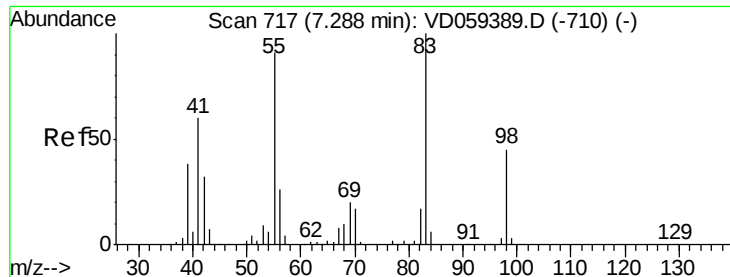
#38
Carbon Tetrachloride
Concen: 21.952 ug/l
RT: 5.72 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 117 Resp: 240386
Ion Ratio Lower Upper
117 100
119 97.5 76.6 115.0
121 28.7 25.0 37.4



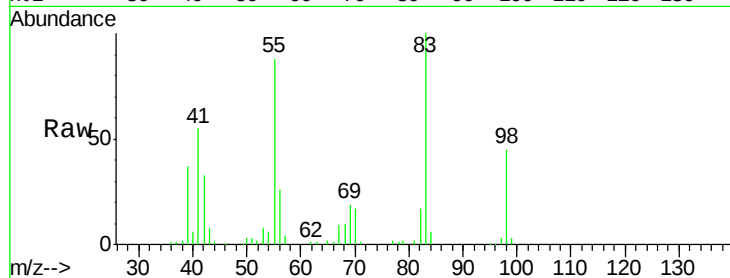
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



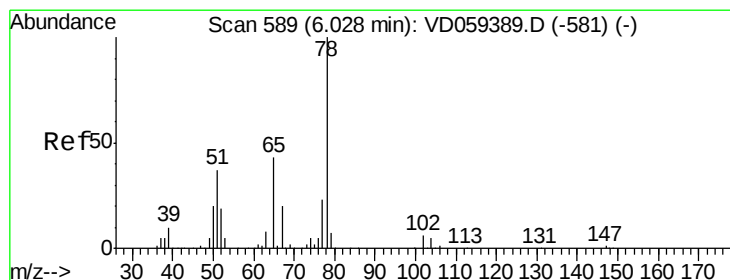
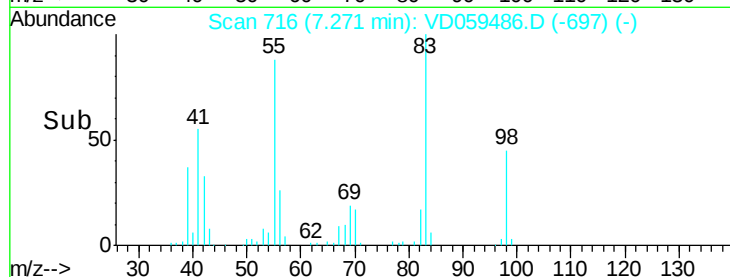
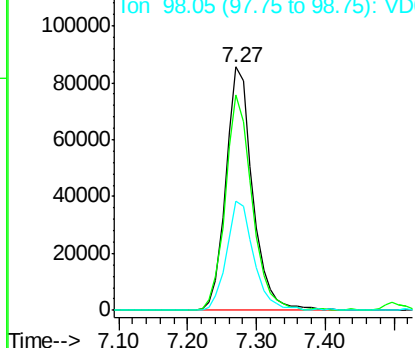


#39
Methvlcvclohexane
Concen: 22.805 ug/l
RT: 7.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 83 Resp: 229732
Ion Ratio Lower Upper
83 100
55 88.4 72.6 109.0
98 44.9 35.8 53.6

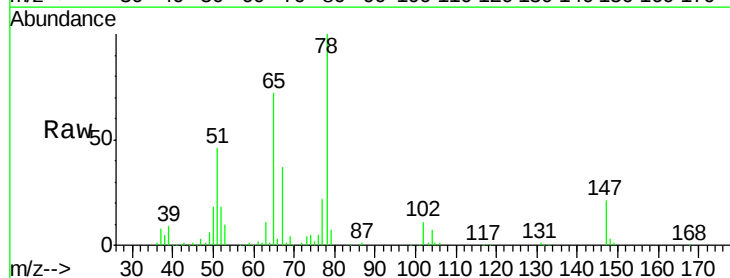


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

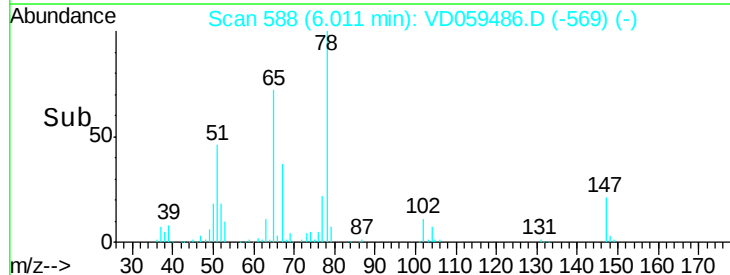
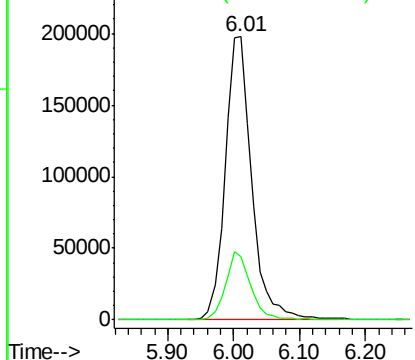


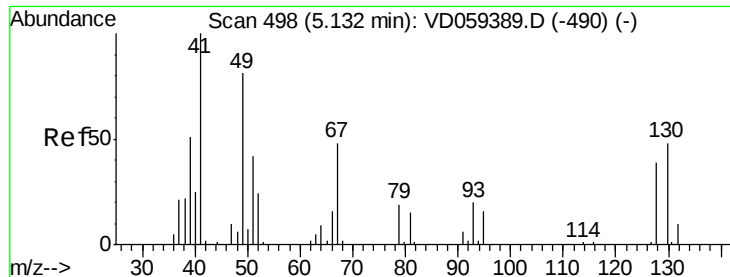
#40
Benzene
Concen: 21.861 ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 78 Resp: 557194
Ion Ratio Lower Upper
78 100
77 22.2 18.1 27.1



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





#41

Methacrylonitrile

Concen: 18.588 ug/l

RT: 5.11 min Scan# 497

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tot Ion: 41 Resp: 57911

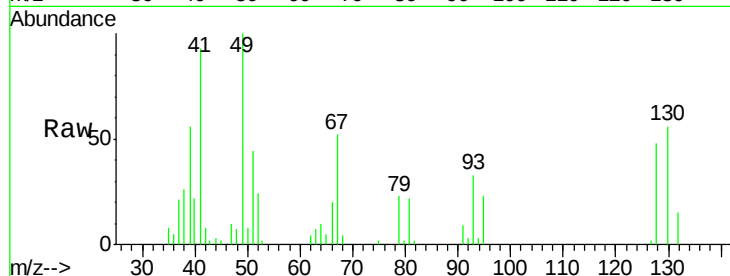
Ion Ratio Lower Upper

41 100

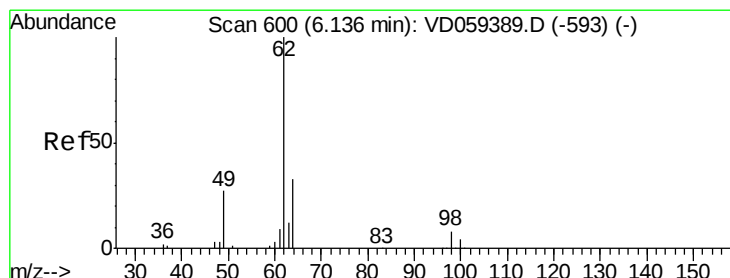
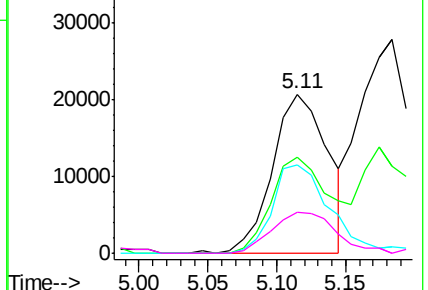
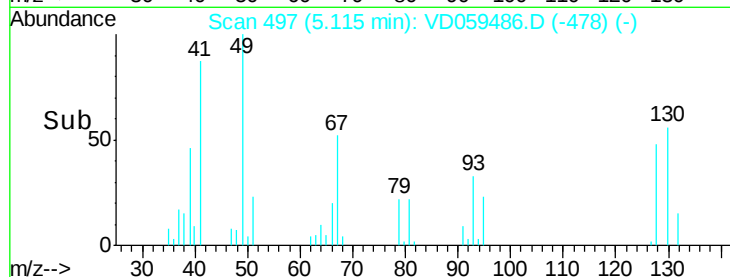
39 60.4 41.5 62.3

67 55.5 38.7 58.1

52 25.8 19.4 29.2



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



#42

1,2-Dichloroethane

Concen: 19.821 ug/l

RT: 6.12 min Scan# 599

Delta R.T. -0.02 min

Lab File: VD059486.D

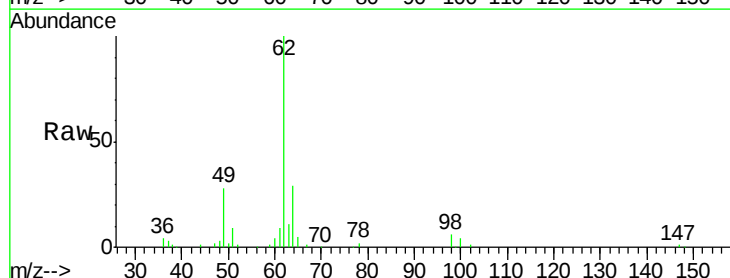
Acq: 29 Jun 2018 12:34

Tgt Ion: 62 Resp: 223223

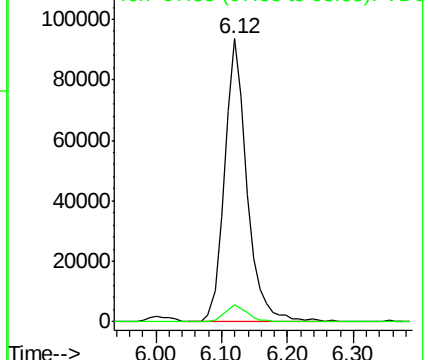
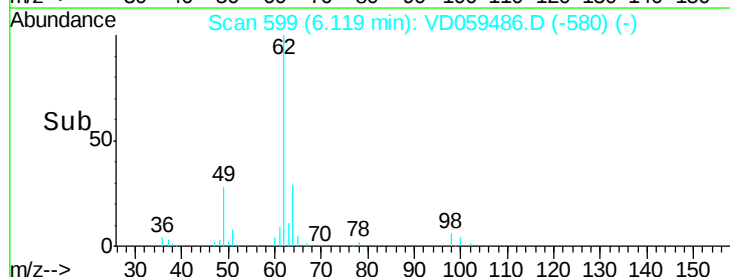
Ion Ratio Lower Upper

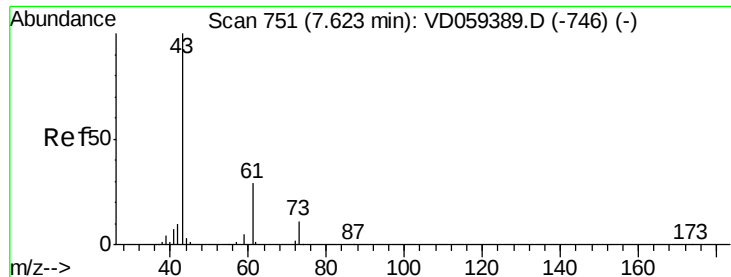
62 100

98 5.8 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 18.805 ug/l

RT: 7.62 min Scan# 751

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

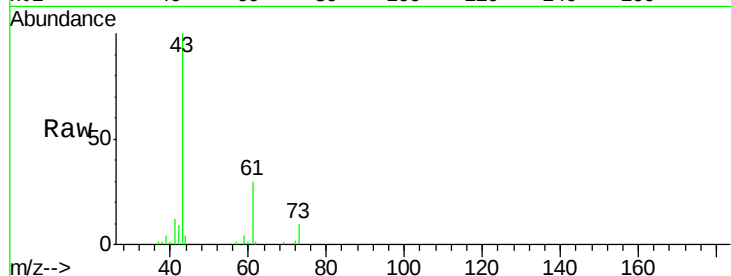
Tot Ion: 43 Resp: 152755

Ion Ratio Lower Upper

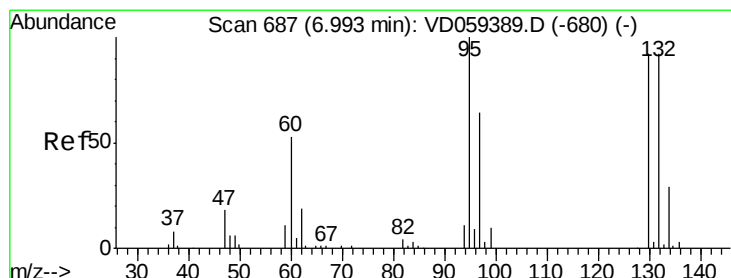
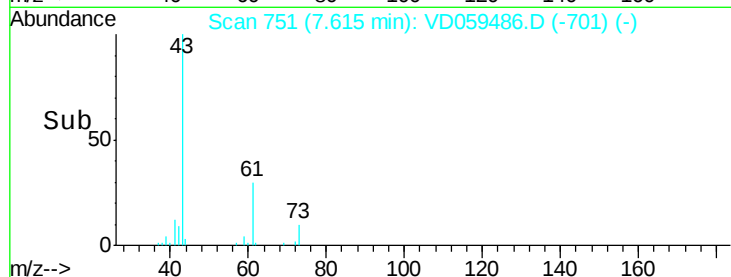
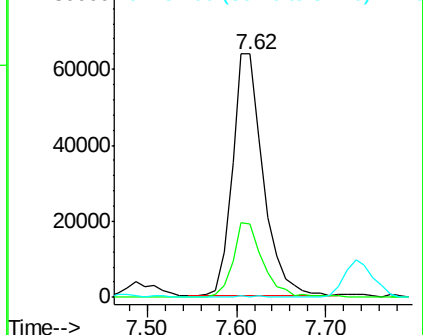
43 100

61 29.9 23.1 34.7

87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.064 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: VD059486.D

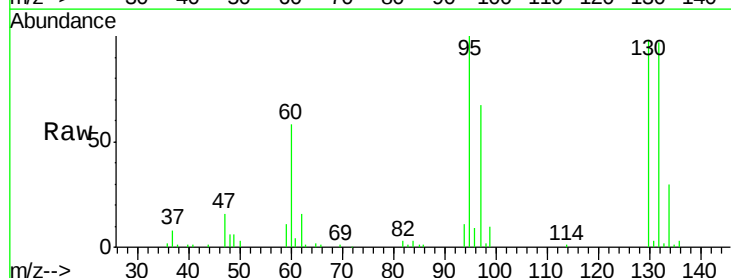
Acq: 29 Jun 2018 12:34

Tgt Ion:130 Resp: 175792

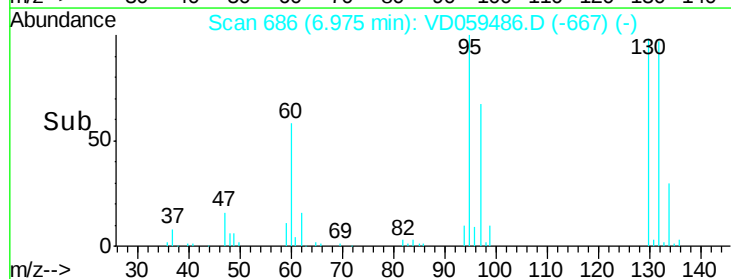
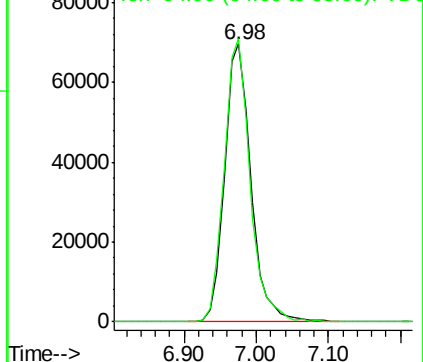
Ion Ratio Lower Upper

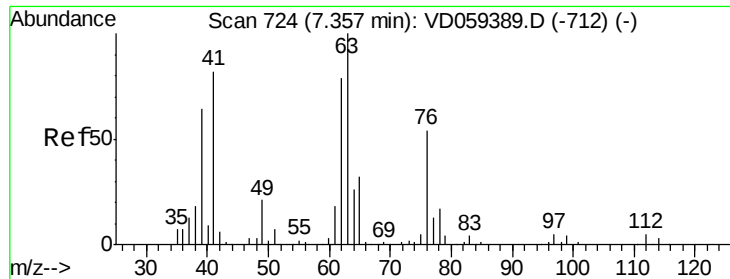
130 100

95 101.8 0.0 216.4



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.102 ug/l

RT: 7.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: VD059486.D

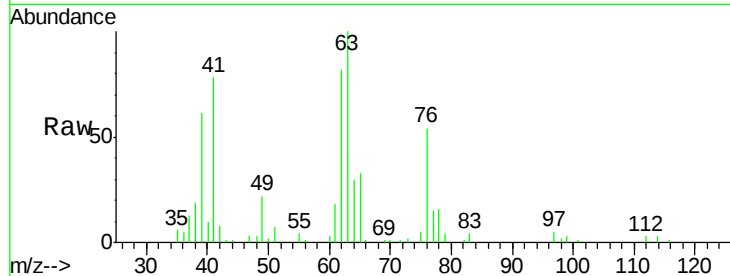
Acq: 29 Jun 2018 12:34

Tot Ion: 63 Resp: 148970

Ion Ratio Lower Upper

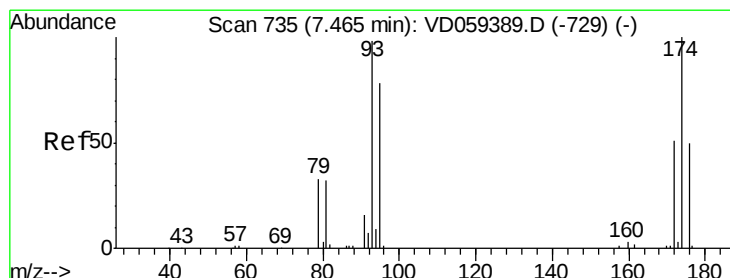
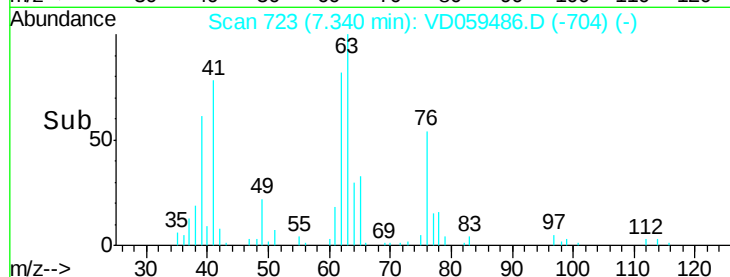
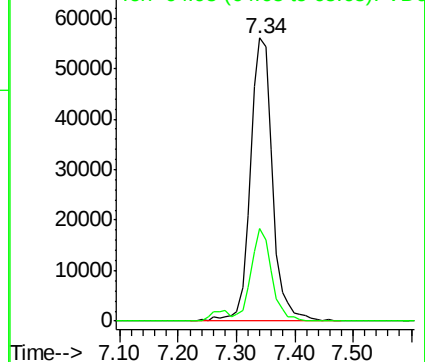
63 100

65 32.7 25.7 38.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 19.772 ug/l

RT: 7.46 min Scan# 735

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

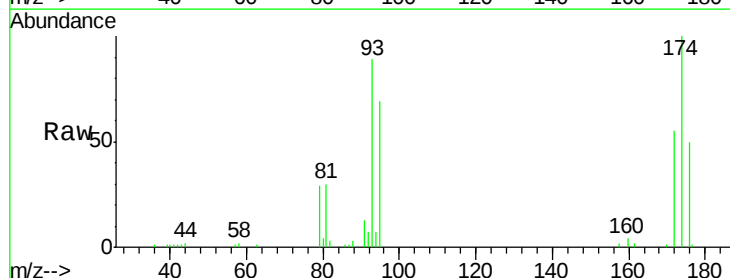
Tgt Ion: 93 Resp: 100380

Ion Ratio Lower Upper

93 100

95 77.4 63.4 95.0

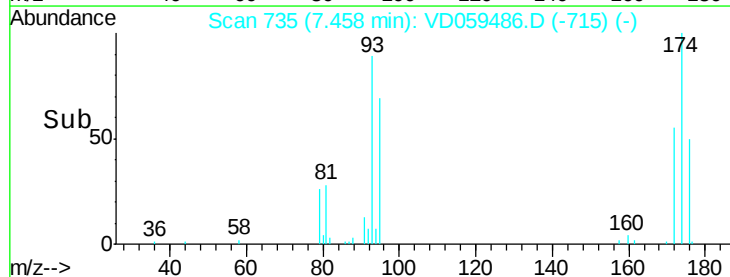
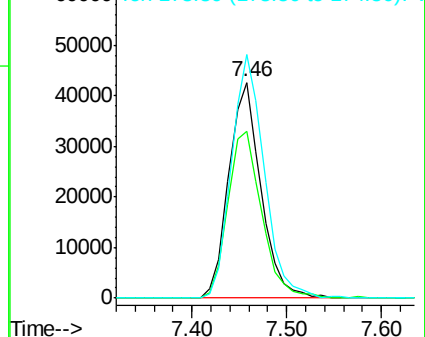
174 112.7 81.4 122.2

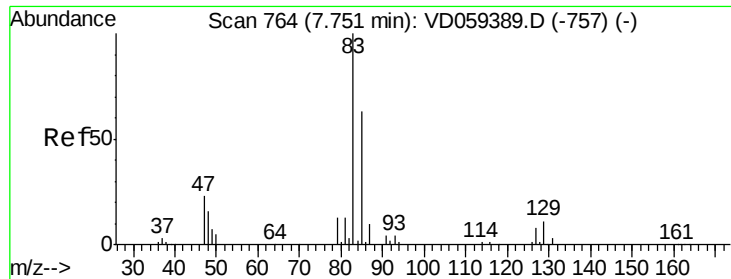


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.619 ug/l

RT: 7.73 min Scan# 763

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

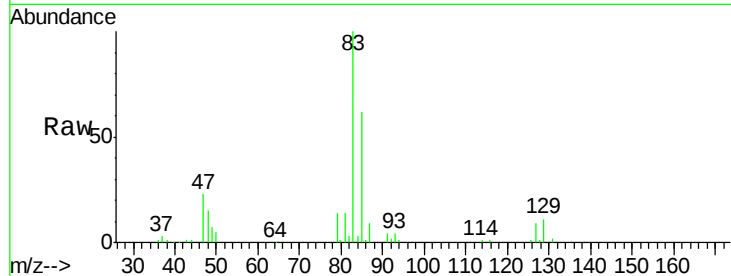
Tot Ion: 83 Resp: 245591

Ion Ratio Lower Upper

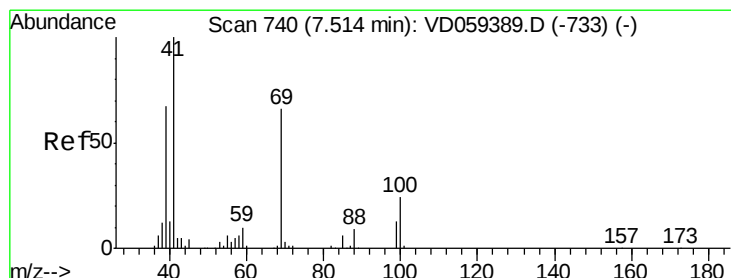
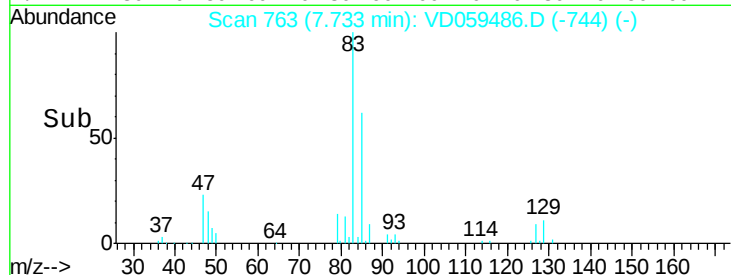
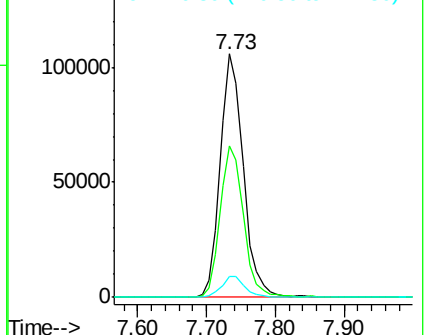
83 100

85 62.0 50.1 75.1

127 8.6 6.1 9.1



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



#48

Methyl methacrylate

Concen: 17.875 ug/l

RT: 7.51 min Scan# 740

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

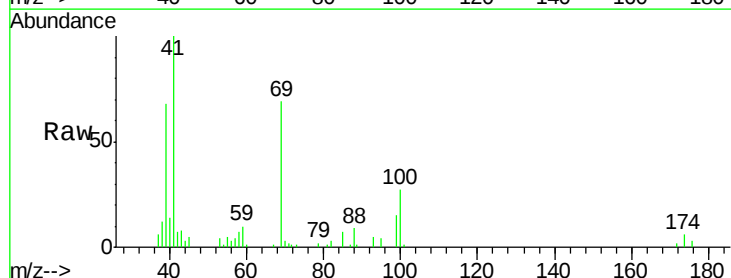
Tgt Ion: 41 Resp: 88461

Ion Ratio Lower Upper

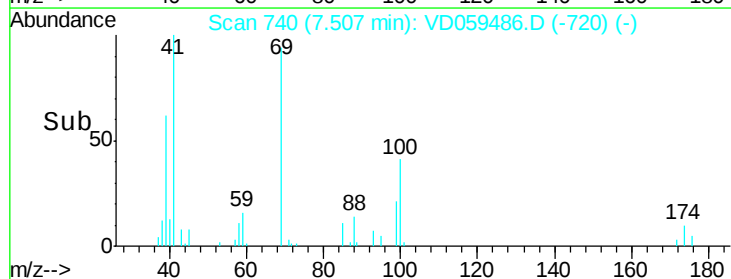
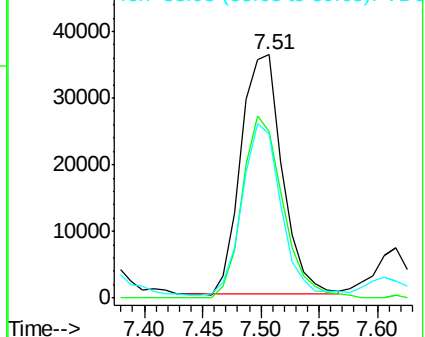
41 100

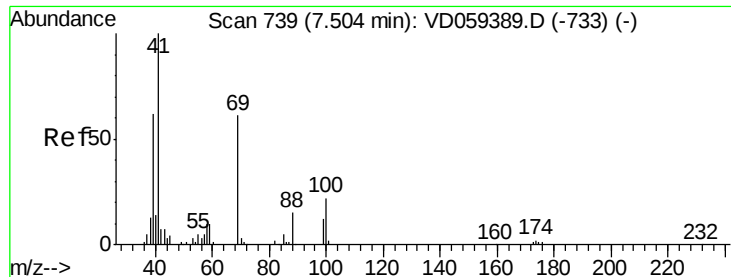
69 68.7 52.6 79.0

39 67.6 53.6 80.4



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





#49

1,4-Dioxane

Concen: 355.733 ug/l

RT: 7.48 min Scan# 737

Delta R.T. -0.03 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

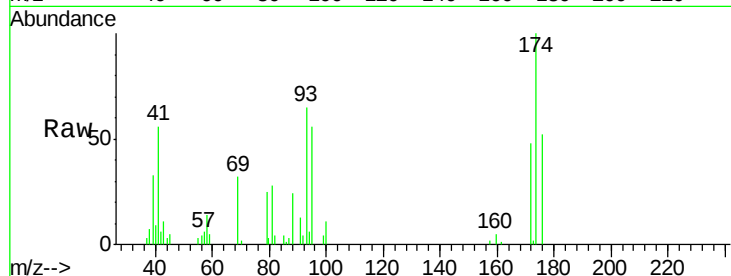
Tot Ion: 88 Resp: 17656

Ion Ratio Lower Upper

88 100

43 47.0 41.0 61.4

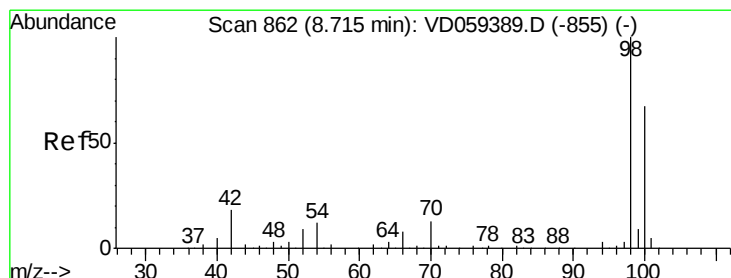
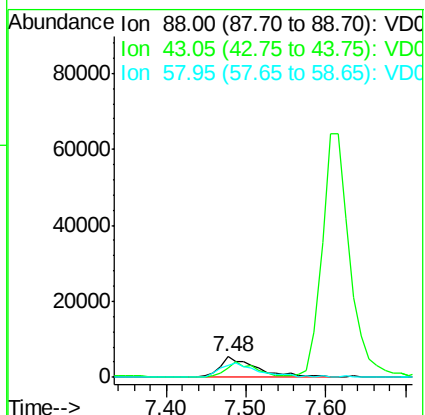
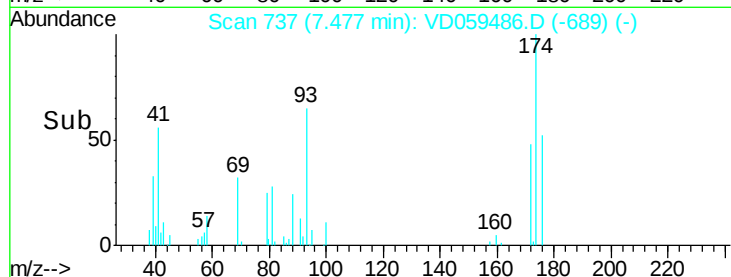
58 60.0 53.4 80.0



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 355.733 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059486.D

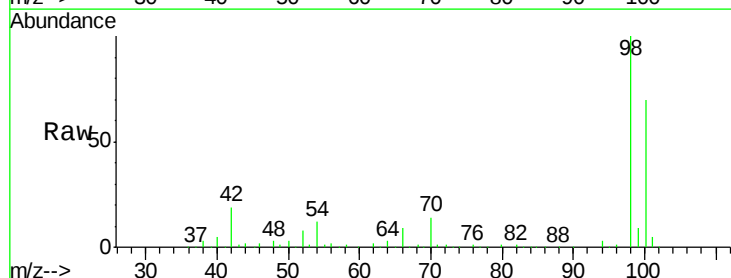
Acq: 29 Jun 2018 12:34

Tgt Ion: 98 Resp: 900788

Ion Ratio Lower Upper

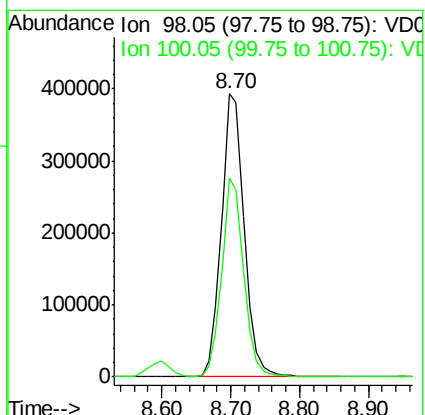
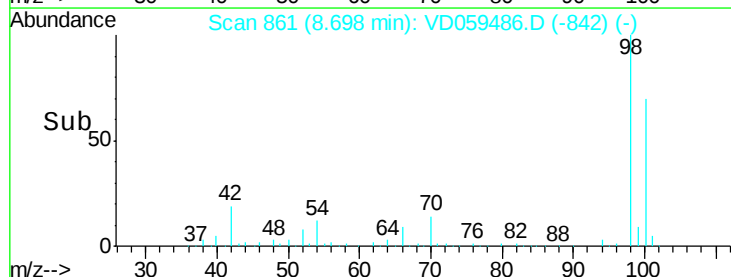
98 100

100 70.4 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 95.581 ug/l

RT: 8.59 min Scan# 850

Delta R.T. -0.02 min

Lab File: VD059486.D

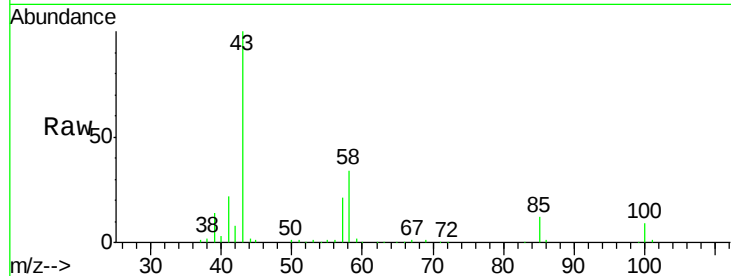
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 517372

Ion Ratio Lower Upper

43 100

58 34.1 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

8.59

200000

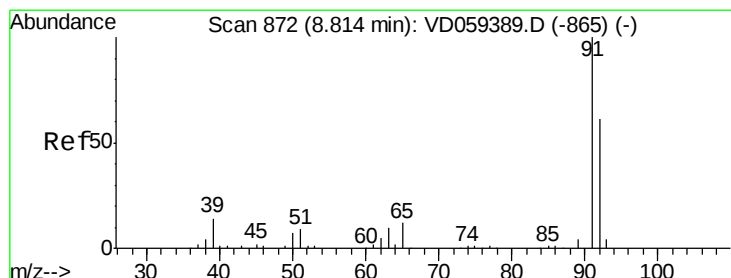
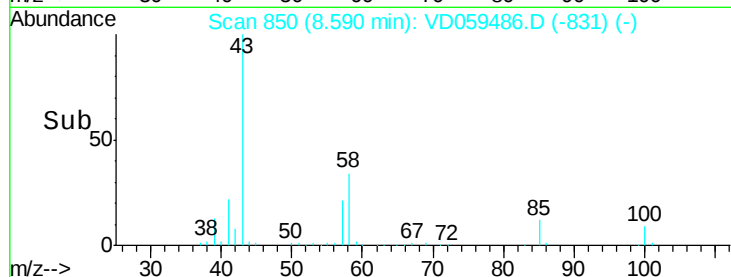
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 21.327 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.02 min

Lab File: VD059486.D

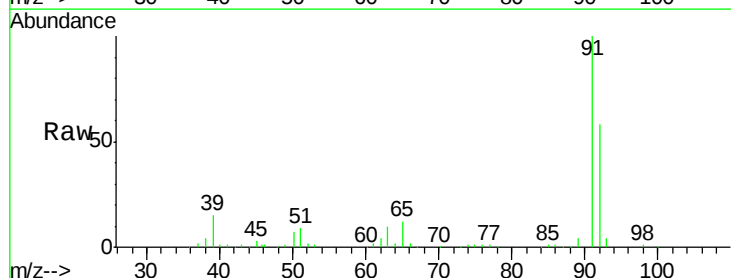
Acq: 29 Jun 2018 12:34

Tgt Ion: 92 Resp: 324660

Ion Ratio Lower Upper

92 100

91 171.5 132.2 198.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

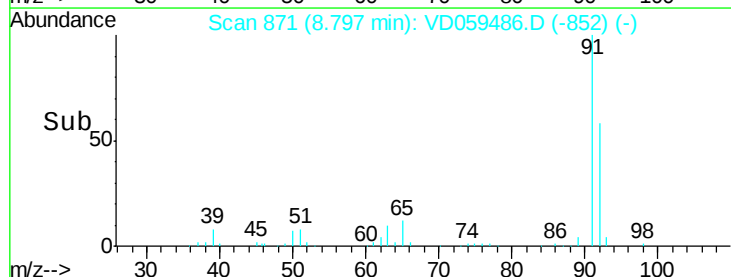
150000

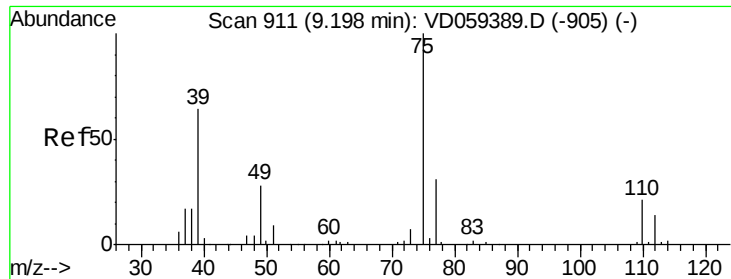
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.575 ug/l

RT: 9.18 min Scan# 910

Delta R.T. -0.02 min

Lab File: VD059486.D

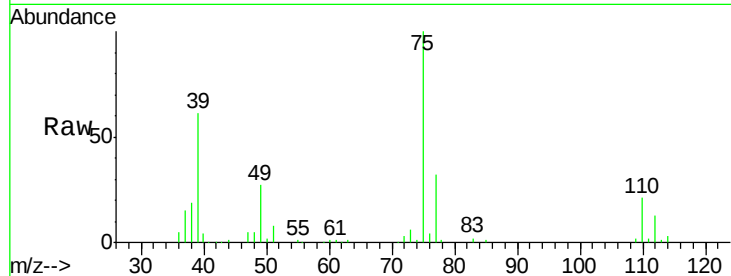
Acq: 29 Jun 2018 12:34

Tot Ion: 75 Resp: 204809

Ion Ratio Lower Upper

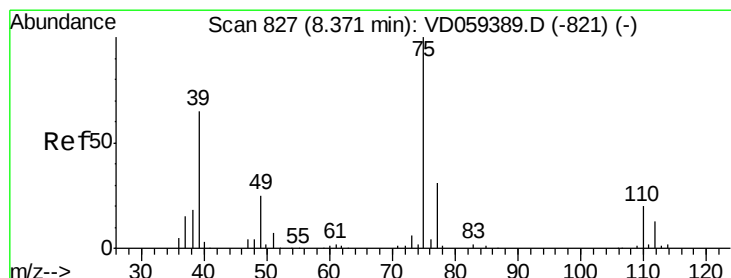
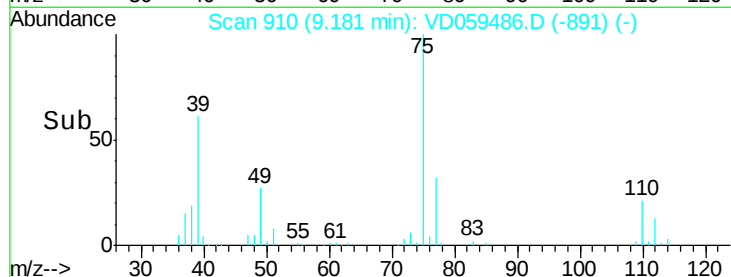
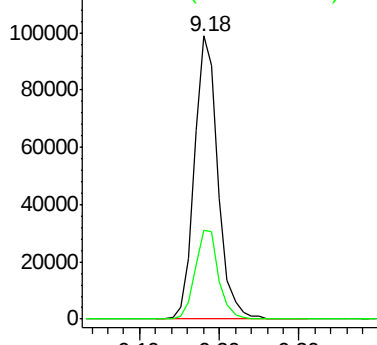
75 100

77 31.5 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.742 ug/l

RT: 8.35 min Scan# 826

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

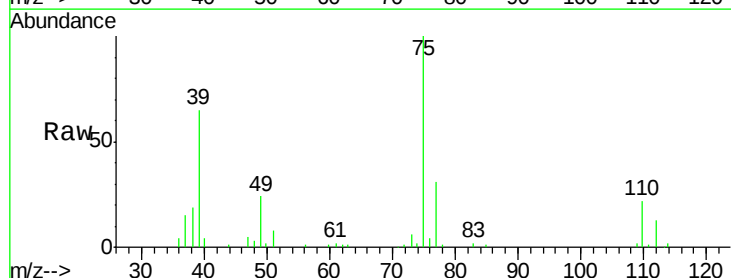
Tgt Ion: 75 Resp: 238982

Ion Ratio Lower Upper

75 100

77 30.6 24.7 37.1

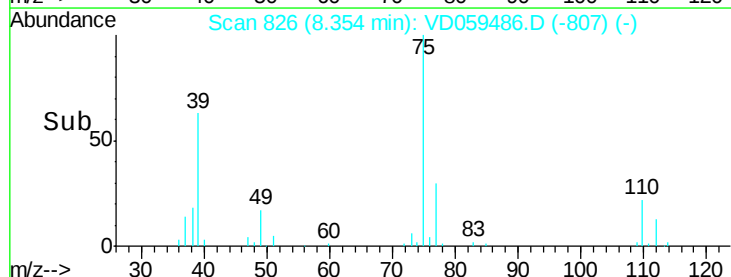
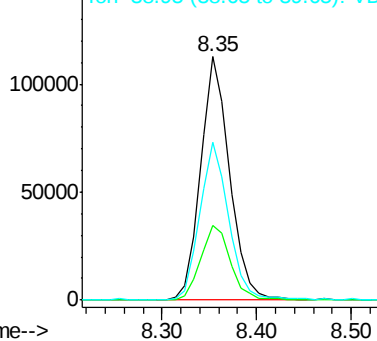
39 64.7 52.2 78.4

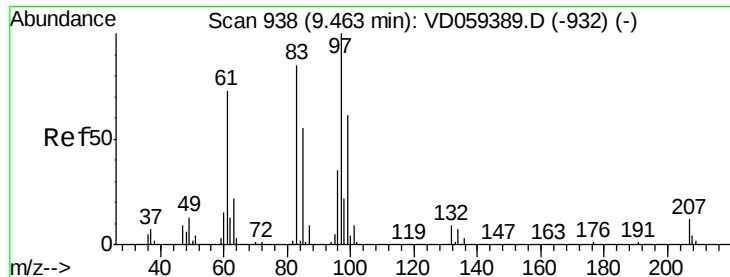


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC





#55

1,1,2-Trichloroethane

Concen: 20.534 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tot Ion: 97 Resp: 113487

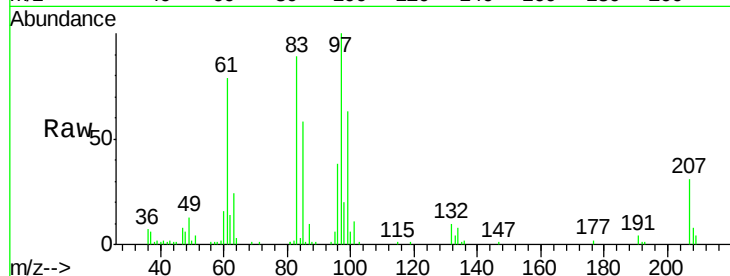
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.7	101.5
85	58.4	44.3	66.5
99	63.3	48.6	73.0

97 100

83 89.0 67.7 101.5

85 58.4 44.3 66.5

99 63.3 48.6 73.0



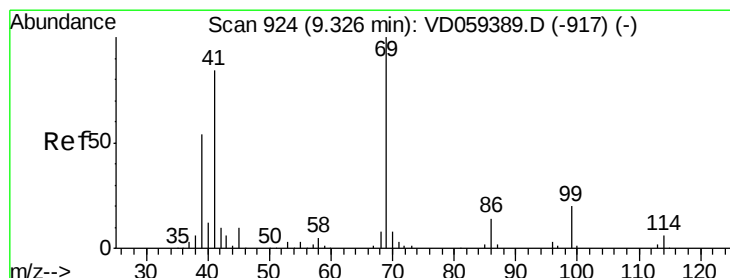
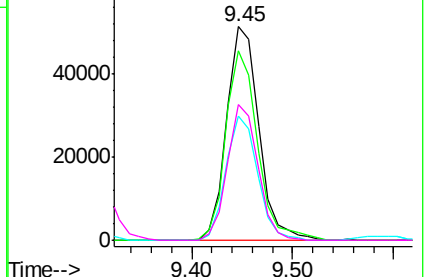
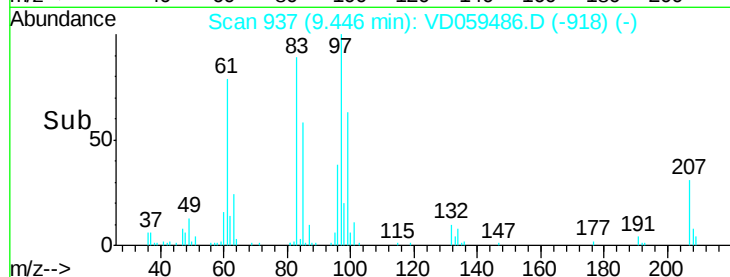
Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC

Time-->



#56

Ethyl methacrylate

Concen: 19.843 ug/l

RT: 9.31 min Scan# 923

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

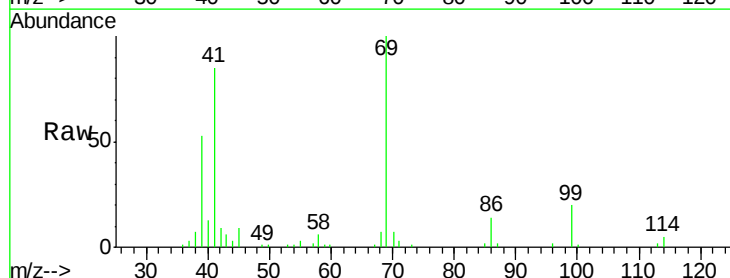
Tgt Ion: 69 Resp: 125141

Ion	Ratio	Lower	Upper
69	100		
41	84.9	67.4	101.0
39	53.0	43.7	65.5

69 100

41 84.9 67.4 101.0

39 53.0 43.7 65.5

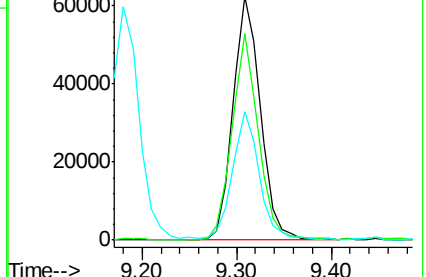
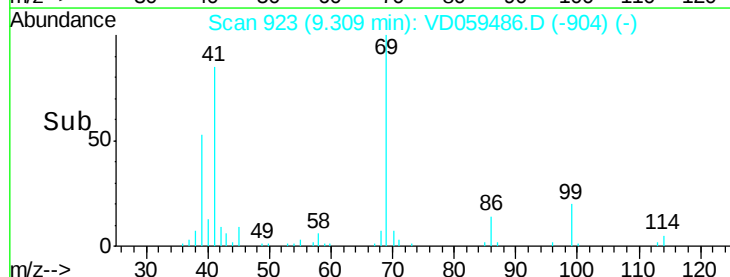


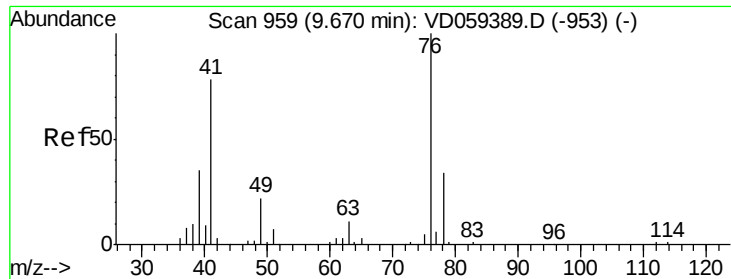
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

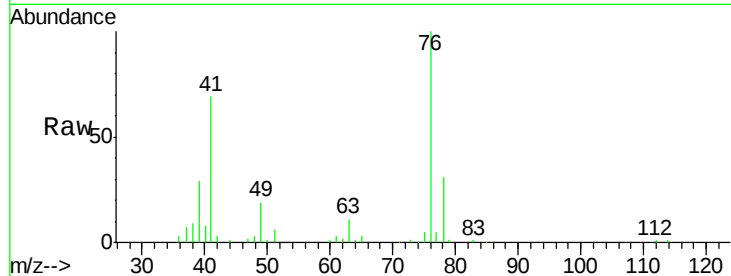
Time-->



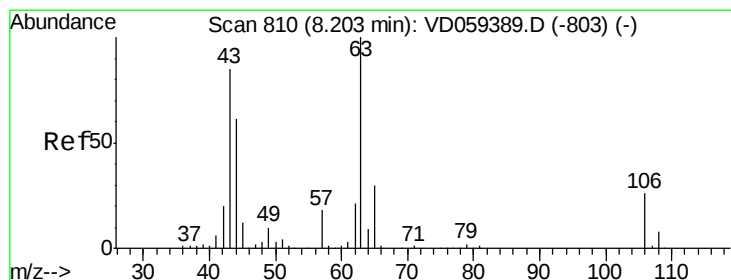
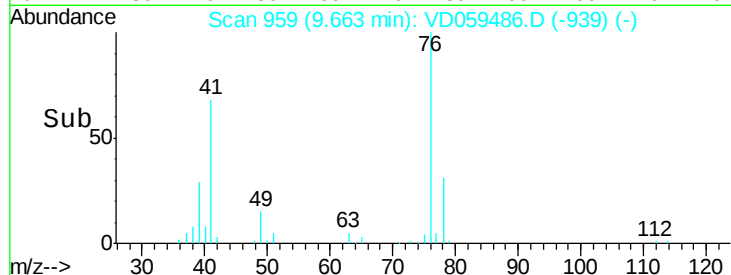
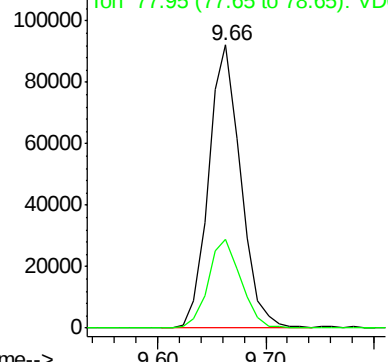


#57
 1,3-Dichloropropane
 Concen: 20.980 ug/l
 RT: 9.66 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tot Ion: 76 Resp: 189635
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.8 40.2

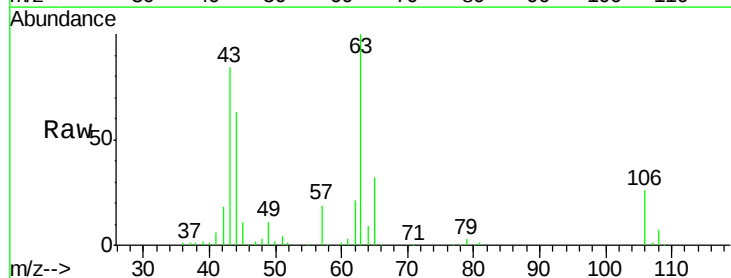


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

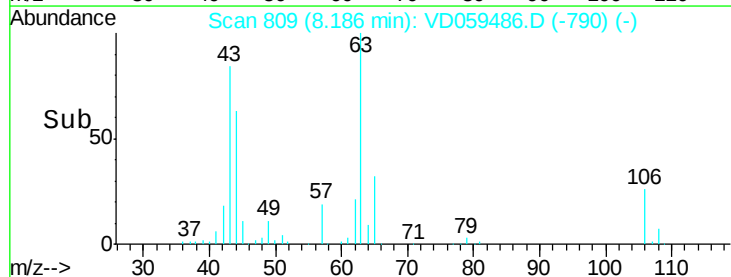
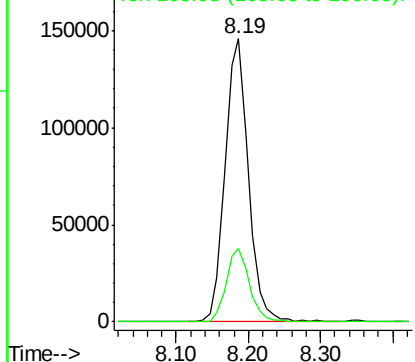


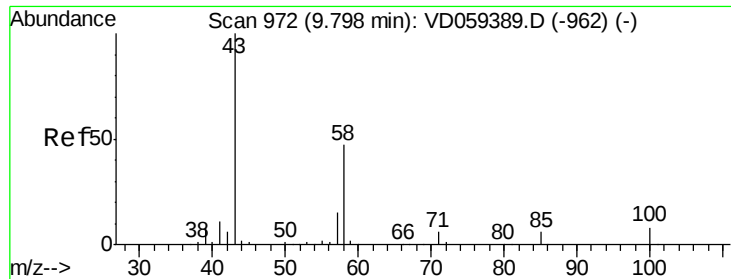
#58
 2-Chloroethyl Vinyl ether
 Concen: 100.651 ug/l
 RT: 8.19 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion: 63 Resp: 326769
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.6 31.0



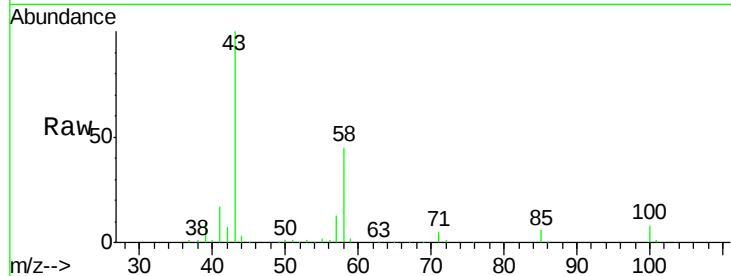
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



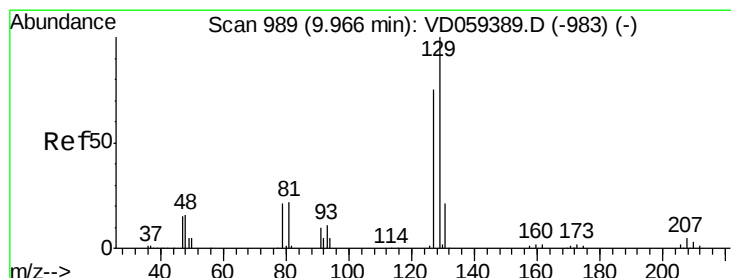
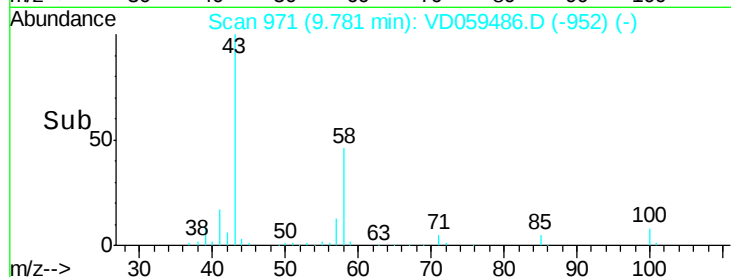
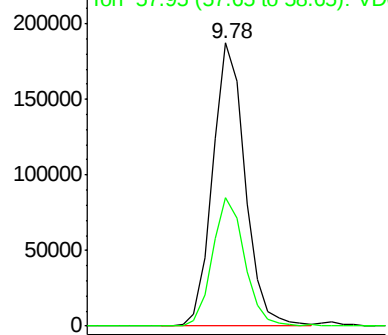


#59
2-Hexanone
Concen: 101.263 ug/l
RT: 9.78 min Scan# 971
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 389573
Ion Ratio Lower Upper
43 100
58 45.3 23.3 69.9

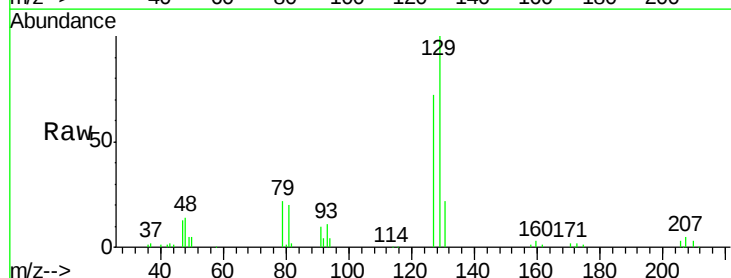


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

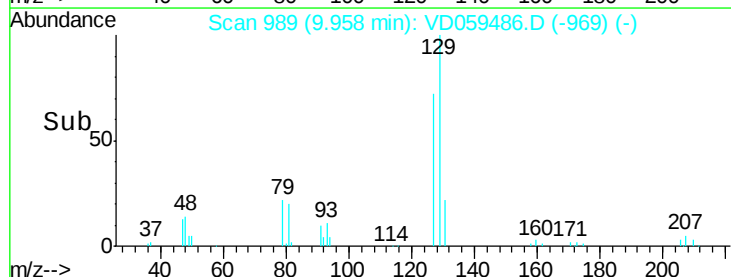
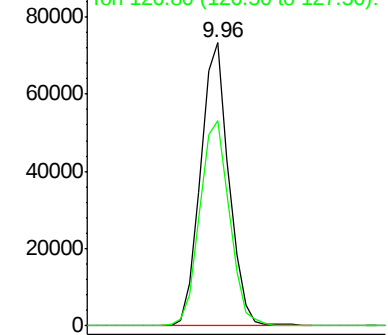


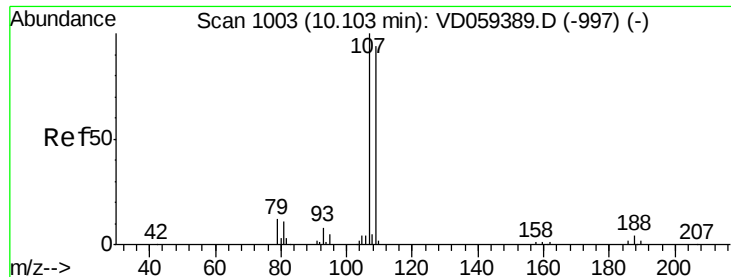
#60
Dibromochloromethane
Concen: 19.567 ug/l
RT: 9.96 min Scan# 989
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 129 Resp: 151440
Ion Ratio Lower Upper
129 100
127 72.4 37.3 111.8



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 19.776 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.02 min

Lab File: VD059486.D

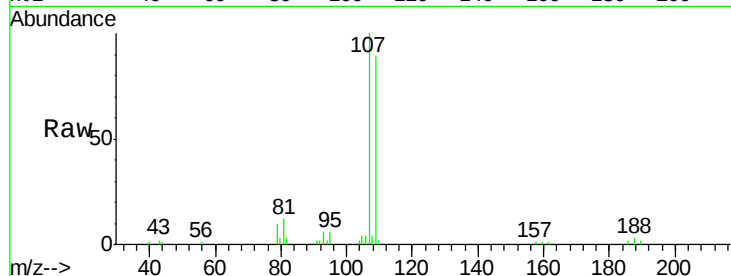
Acq: 29 Jun 2018 12:34

Tot Ion:107 Resp: 121714

Ion Ratio Lower Upper

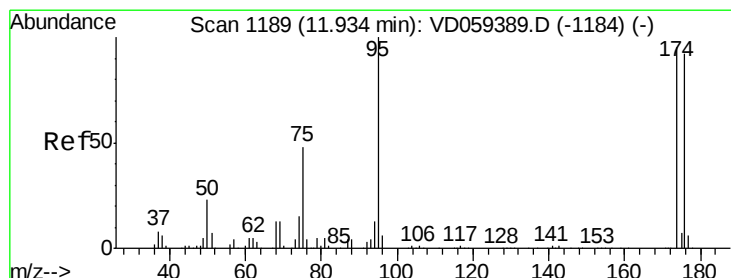
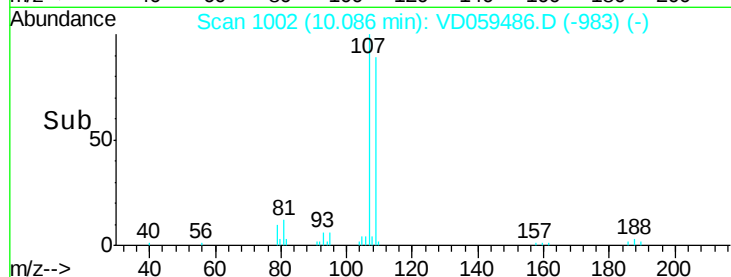
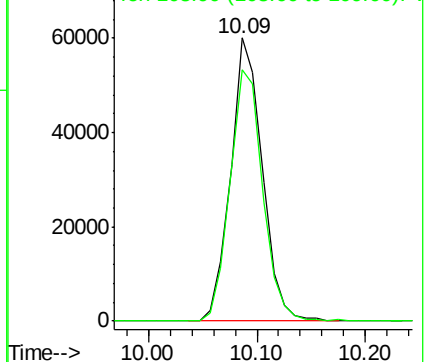
107 100

109 88.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 19.776 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

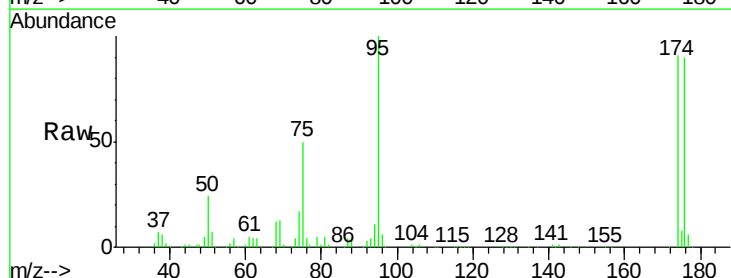
Tgt Ion: 95 Resp: 394569

Ion Ratio Lower Upper

95 100

174 90.7 0.0 190.4

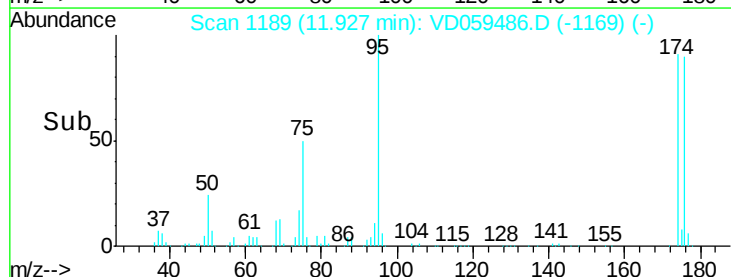
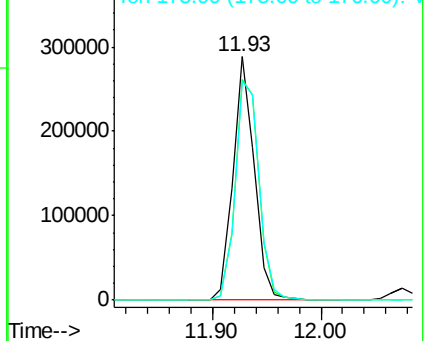
176 90.3 0.0 183.2

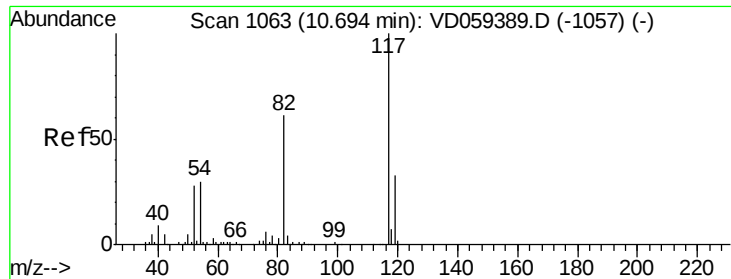


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

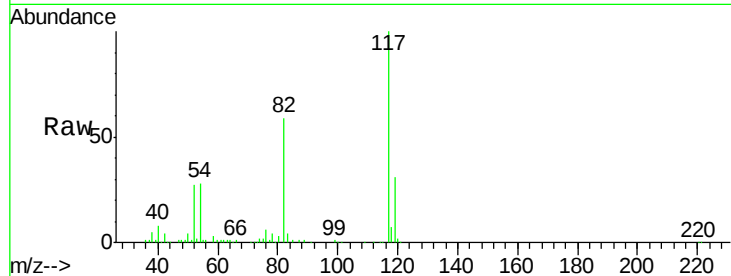
Ion 175.90 (175.60 to 176.60): V



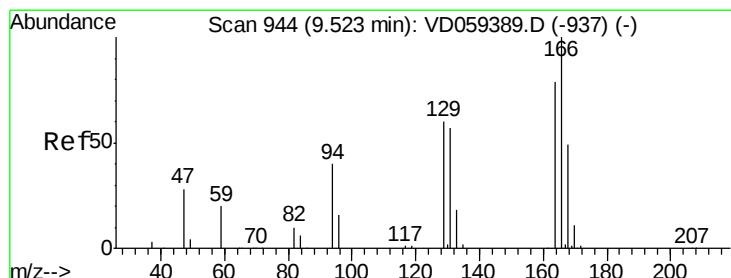
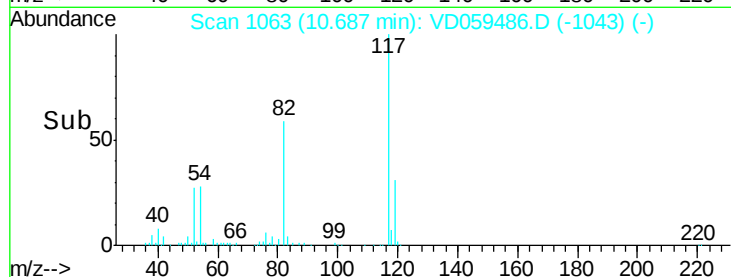
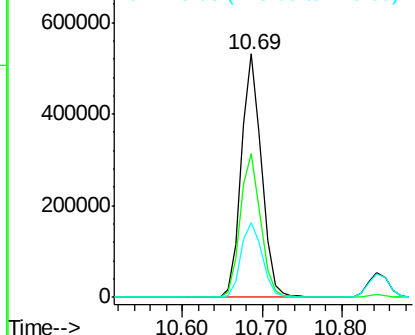


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion:117 Resp: 931939
Ion Ratio Lower Upper
117 100
82 58.9 49.0 73.6
119 30.9 26.2 39.4

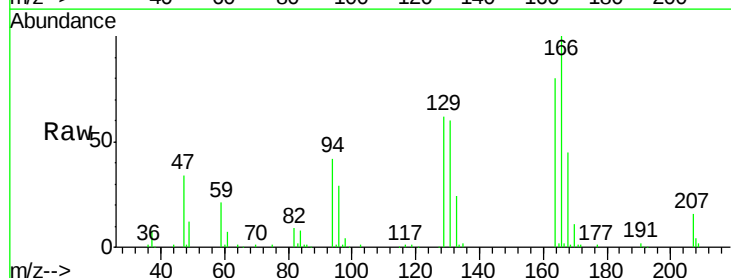


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

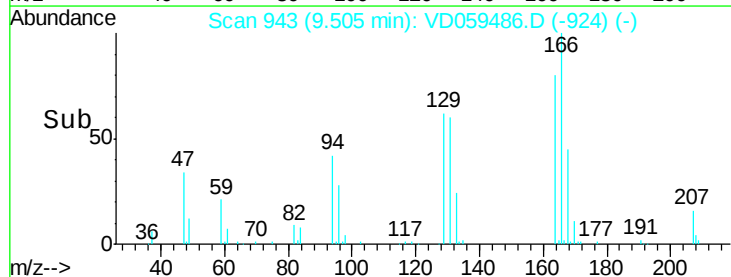
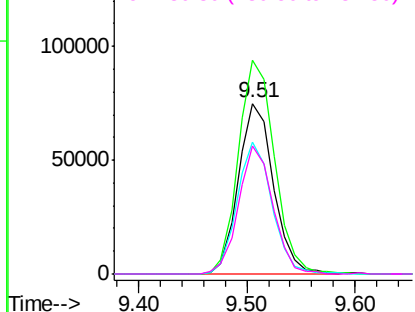


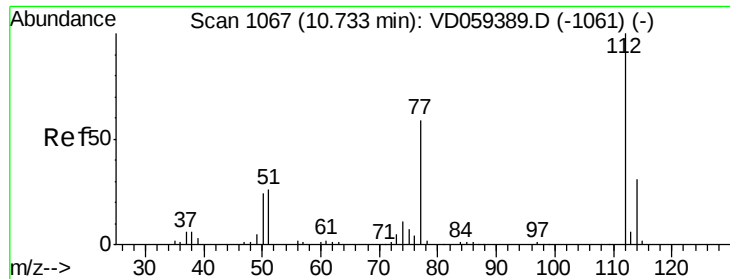
#64
Tetrachloroethene
Concen: 20.665 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion:164 Resp: 168947
Ion Ratio Lower Upper
164 100
166 125.0 101.4 152.2
129 76.9 60.9 91.3
131 75.0 58.2 87.4



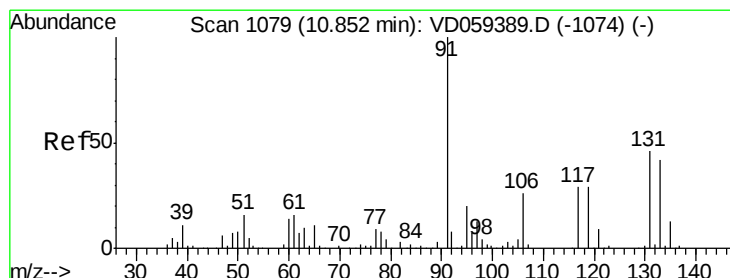
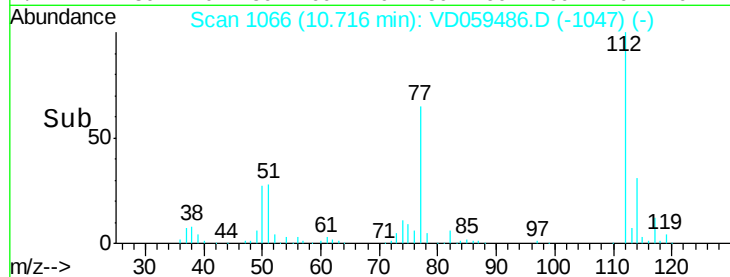
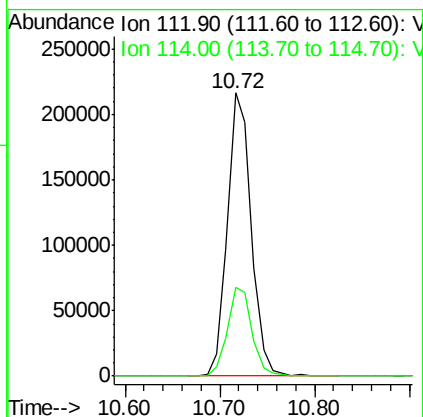
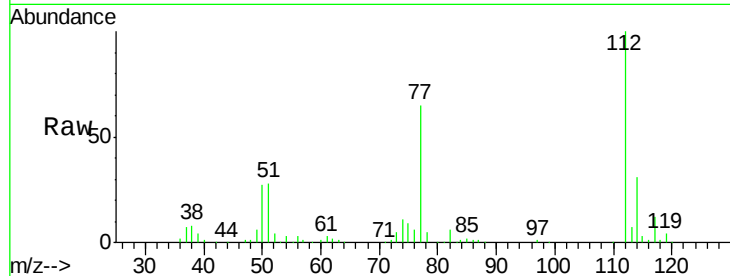
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





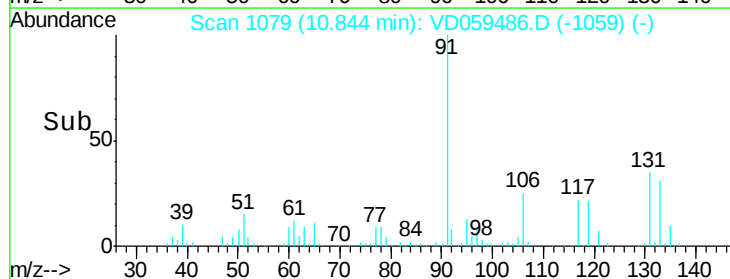
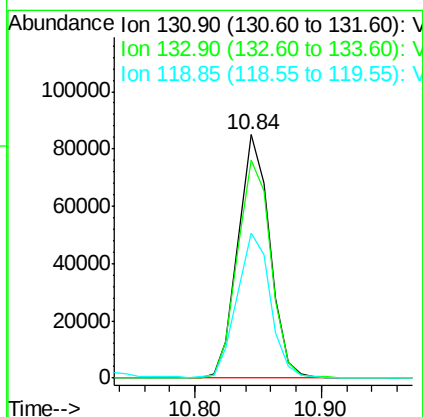
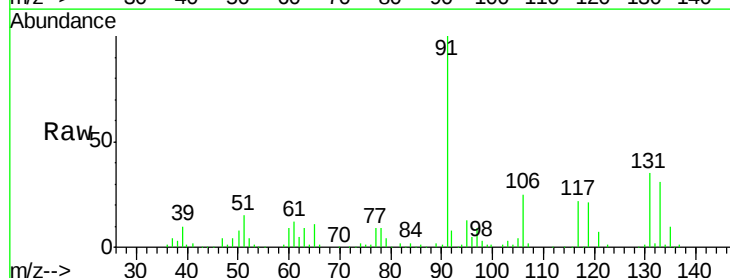
#65
Chlorobenzene
Concen: 22.132 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

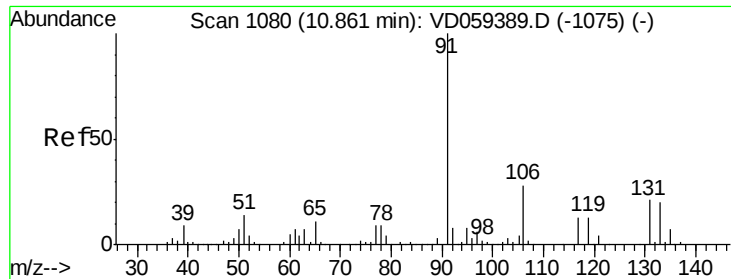
Tot Ion:112 Resp: 377139
Ion Ratio Lower Upper
112 100
114 31.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.707 ug/l
RT: 10.84 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

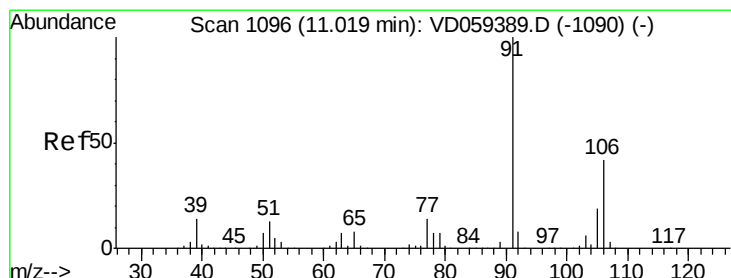
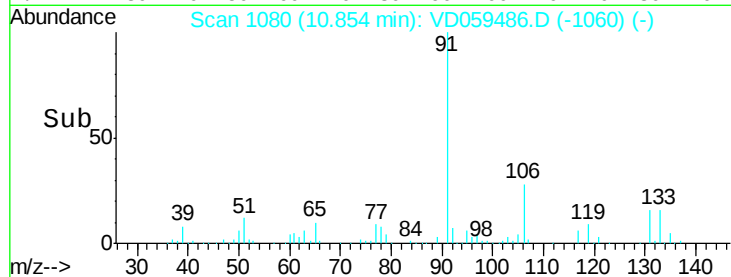
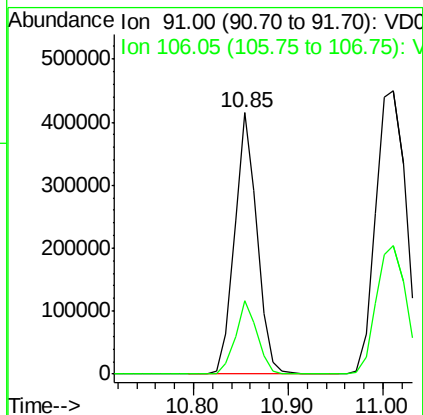
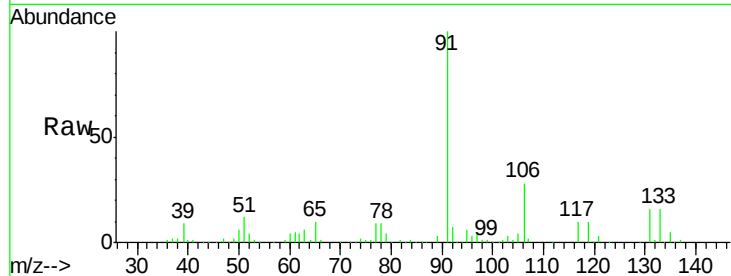
Tgt Ion:131 Resp: 148530
Ion Ratio Lower Upper
131 100
133 89.8 45.7 137.1
119 59.6 32.3 96.9





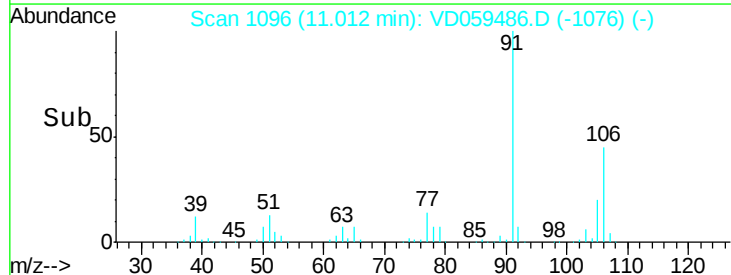
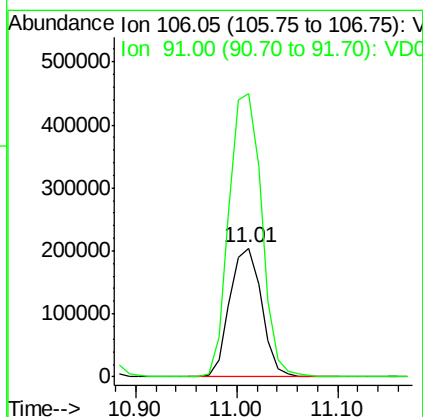
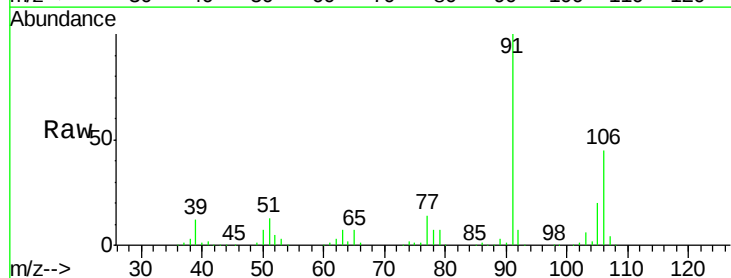
#67
Ethyl Benzene
Concen: 23.590 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

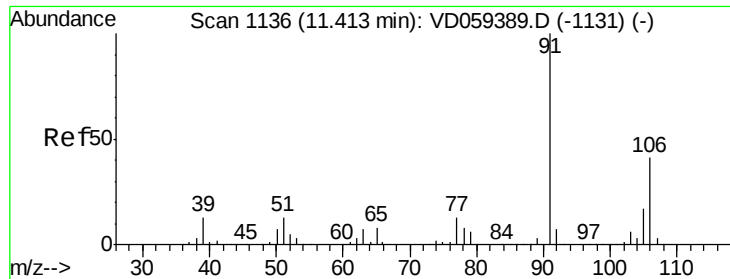
Tot Ion: 91 Resp: 678327
Ion Ratio Lower Upper
91 100
106 28.1 22.3 33.5



#68
m/p-Xylenes
Concen: 47.373 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

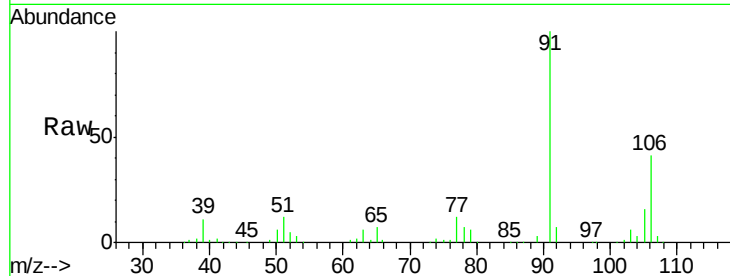
Tgt Ion: 106 Resp: 451946
Ion Ratio Lower Upper
106 100
91 220.3 191.0 286.6



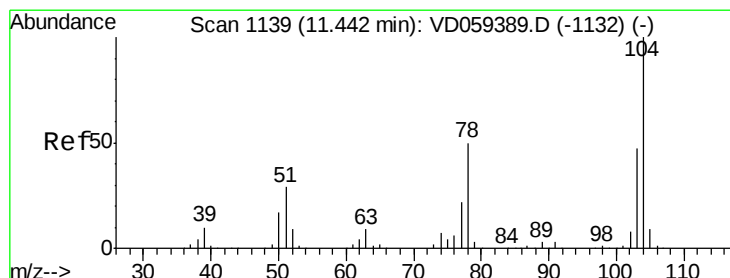
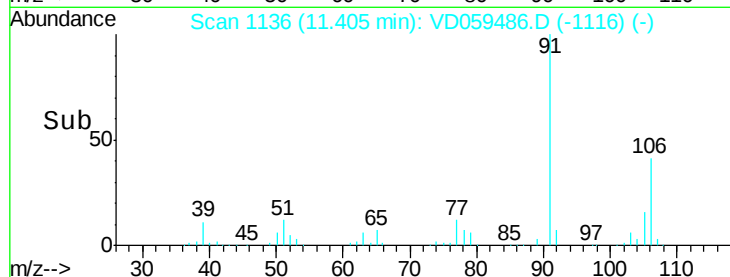
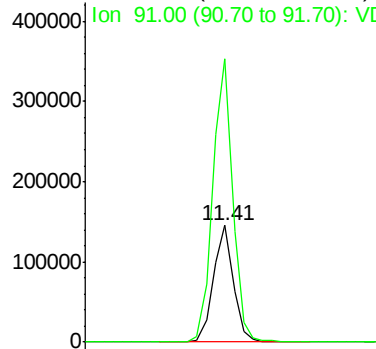


#69
o-Xylene
Concen: 22.295 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion:106 Resp: 210280
Ion Ratio Lower Upper
106 100
91 243.1 121.0 362.8

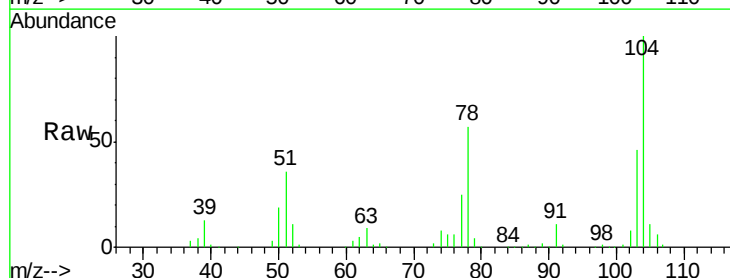


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

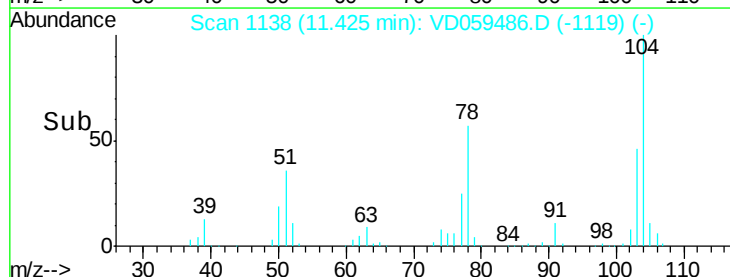
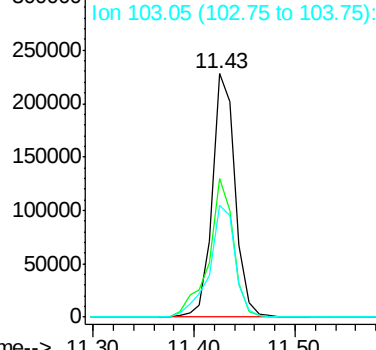


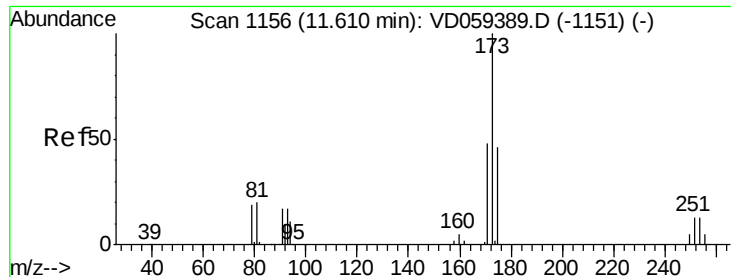
#70
Styrene
Concen: 22.126 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion:104 Resp: 357735
Ion Ratio Lower Upper
104 100
78 56.8 40.2 60.4
103 46.0 37.8 56.8



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: 19.443 ug/l

RT: 11.60 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

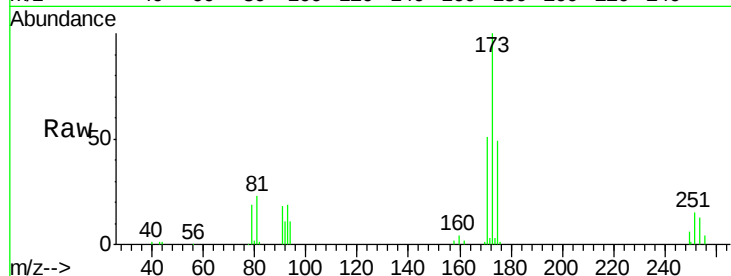
Tot Ion:173 Resp: 105362

Ion Ratio Lower Upper

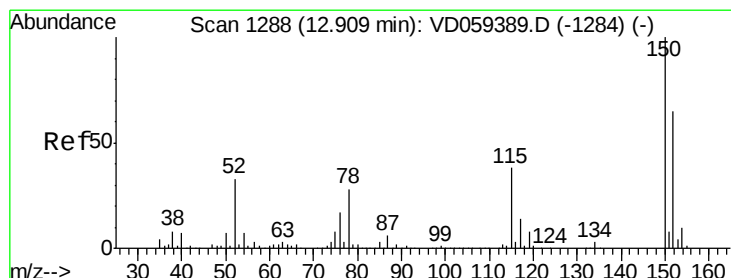
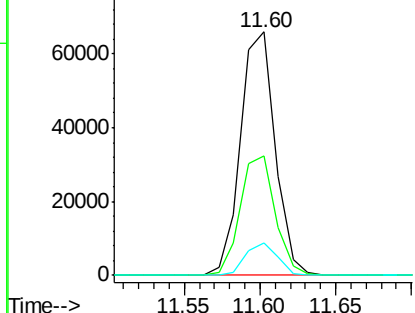
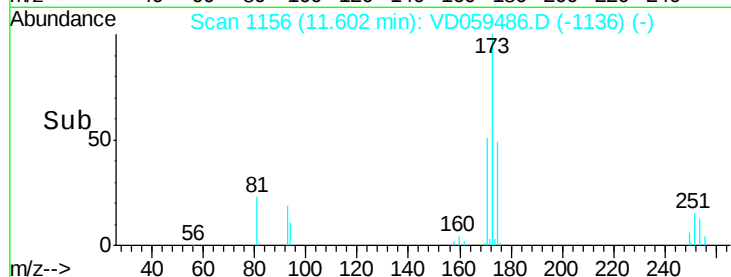
173 100

175 49.1 22.8 68.4

254 13.4 10.1 15.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

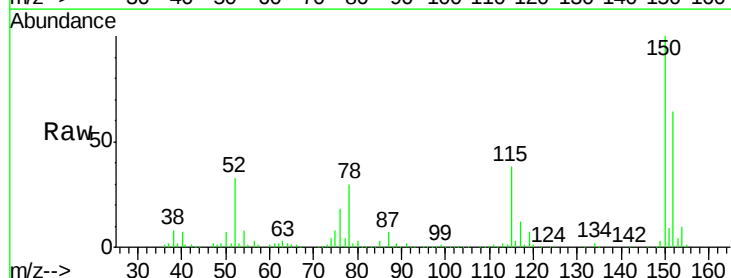
Tgt Ion:152 Resp: 499376

Ion Ratio Lower Upper

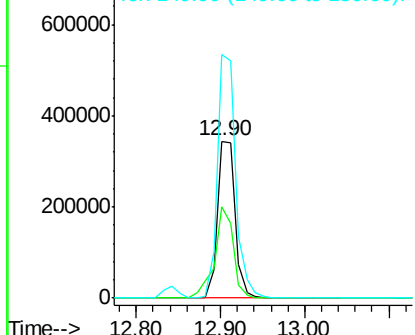
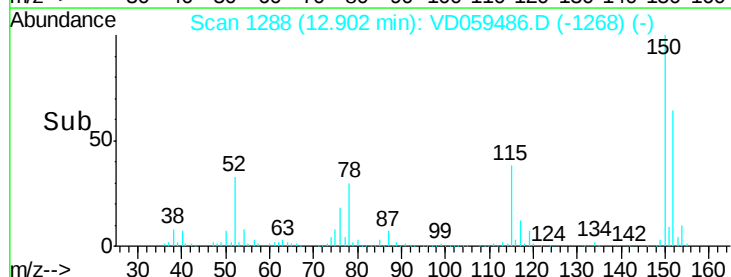
152 100

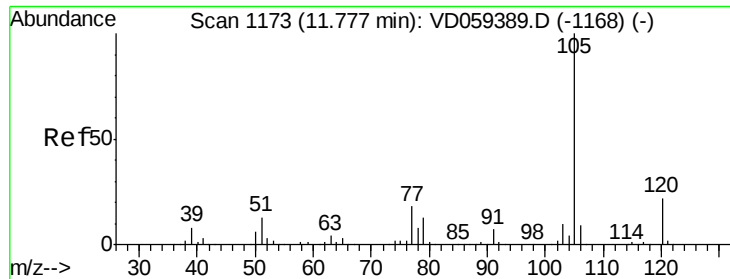
115 58.5 29.4 88.3

150 155.2 0.0 308.2



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





#73

Isopropylbenzene

Concen: 21.570 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VD059486.D

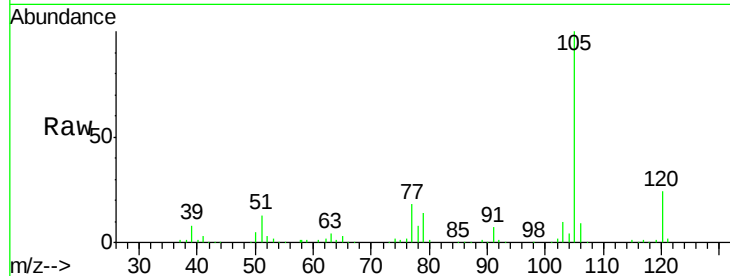
Acq: 29 Jun 2018 12:34

Tot Ion: 105 Resp: 607865

Ion Ratio Lower Upper

105 100

120 23.7 11.0 33.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

11.77

400000

300000

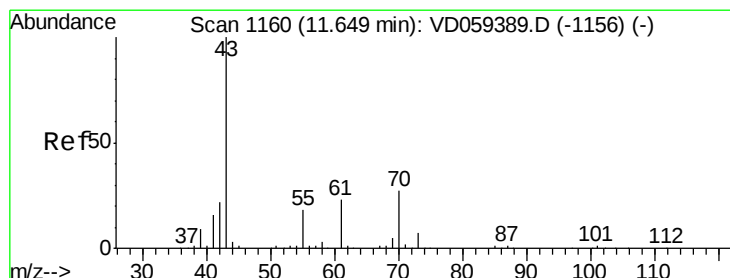
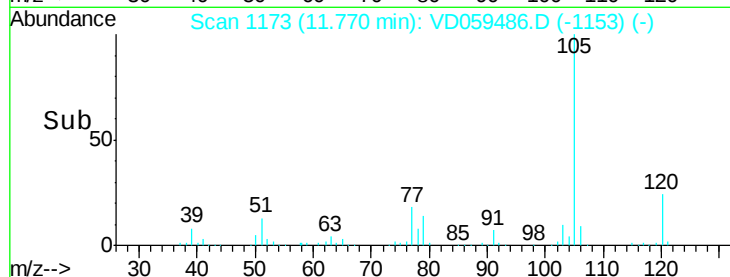
200000

100000

0

Time-->

11.70 11.80 11.90



#74

N-ethyl acetate

Concen: 19.171 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tgt Ion: 43 Resp: 205548

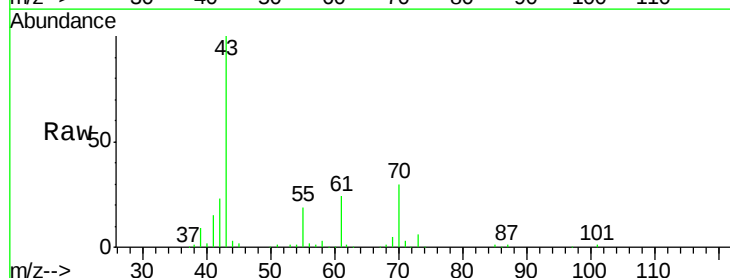
Ion Ratio Lower Upper

43 100

70 30.4 21.7 32.5

55 18.8 14.6 22.0

61 23.9 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

11.64

200000

150000

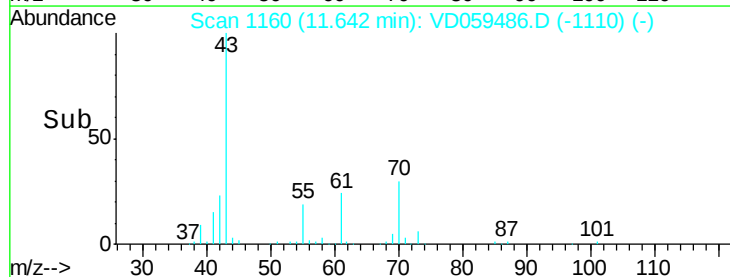
100000

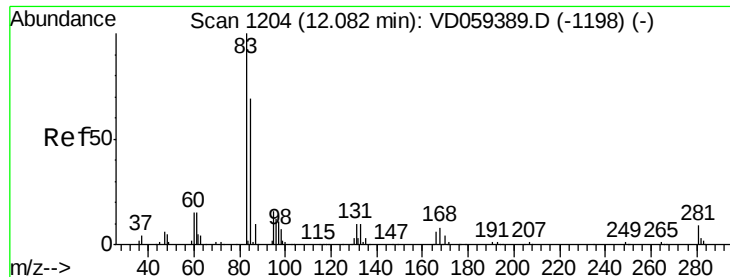
50000

0

Time-->

11.60 11.70





#75

1,1,2,2-Tetrachloroethane

Concen: 20.491 ug/l

RT: 12.07 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

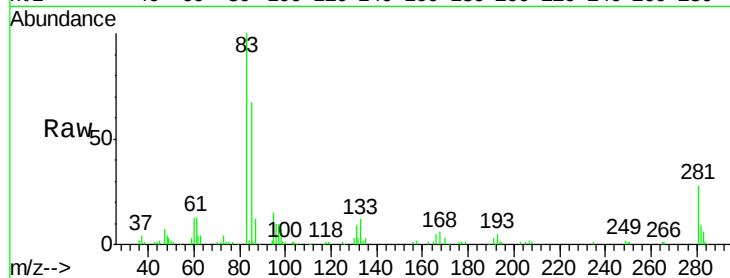
Tot Ion: 83 Resp: 135475

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

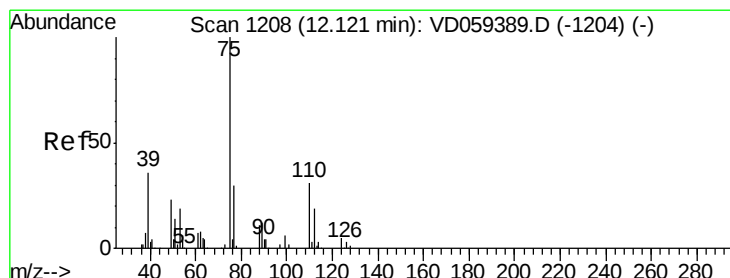
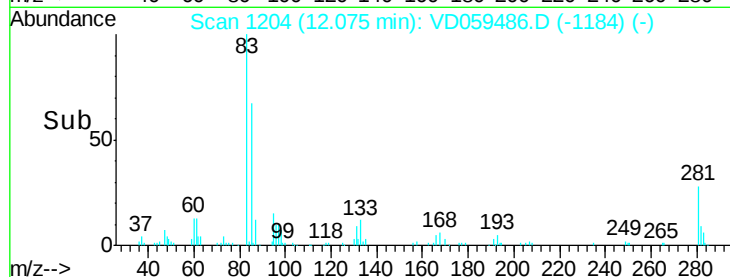
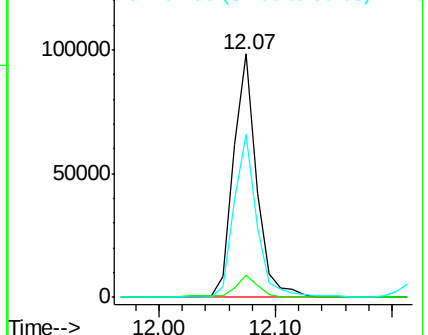
85 66.9 34.6 103.8



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: 19.993 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VD059486.D

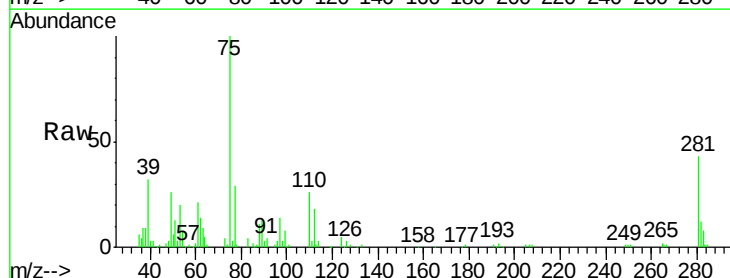
Acq: 29 Jun 2018 12:34

Tgt Ion: 75 Resp: 137715

Ion Ratio Lower Upper

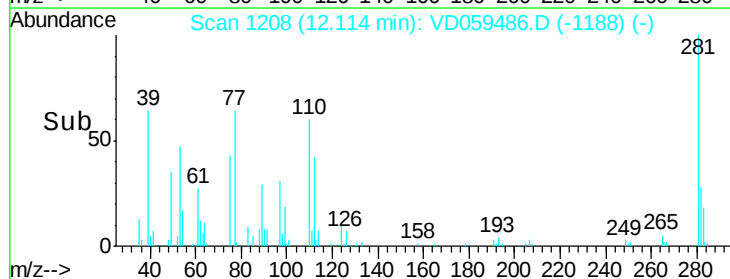
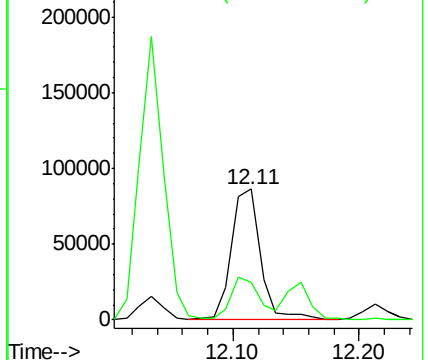
75 100

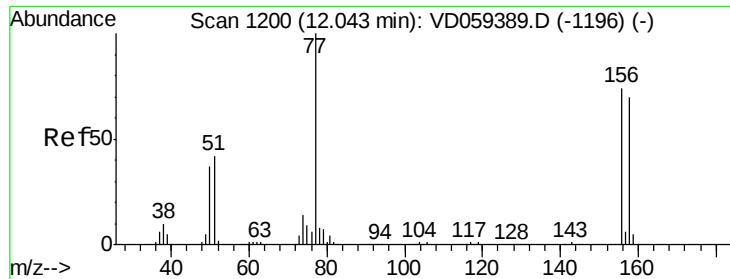
77 28.6 15.6 46.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.334 ug/l

RT: 12.04 min Scan# 1200

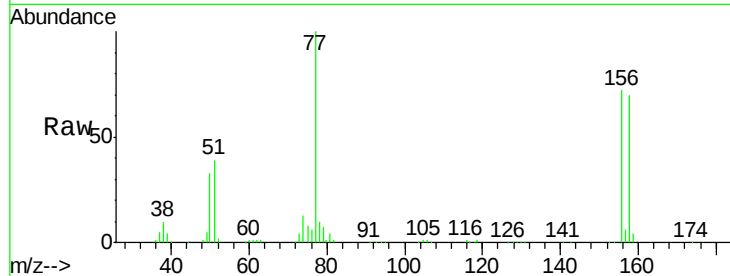
Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tot Ion:156 Resp: 189224

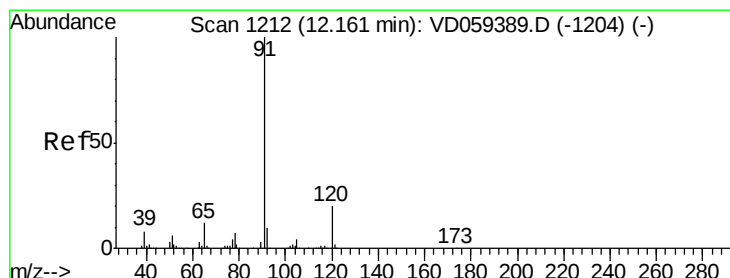
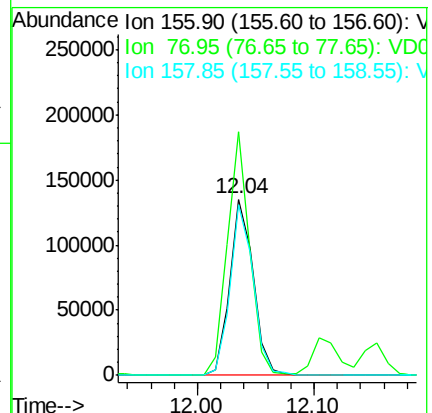
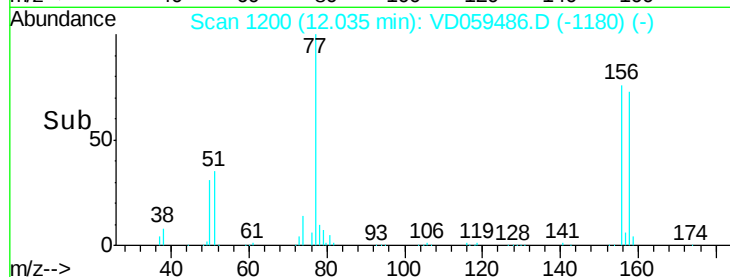
Ion	Ratio	Lower	Upper
156	100		
77	138.2	68.0	203.8
158	96.8	47.7	143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): VDC

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 22.782 ug/l

RT: 12.15 min Scan# 1212

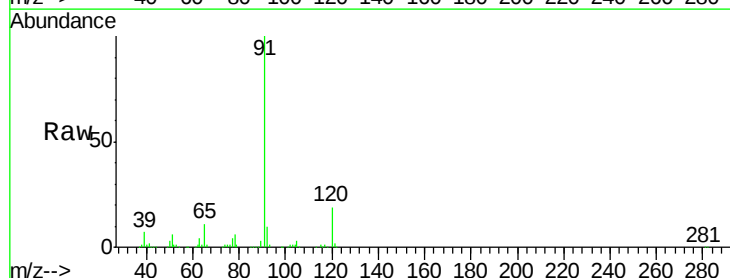
Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

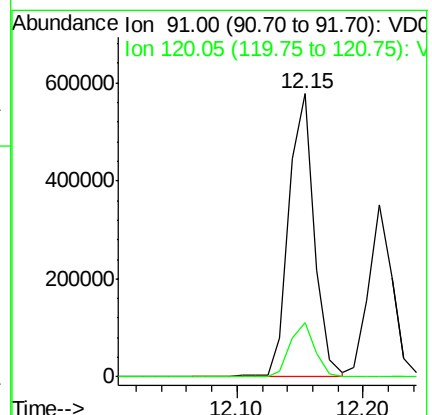
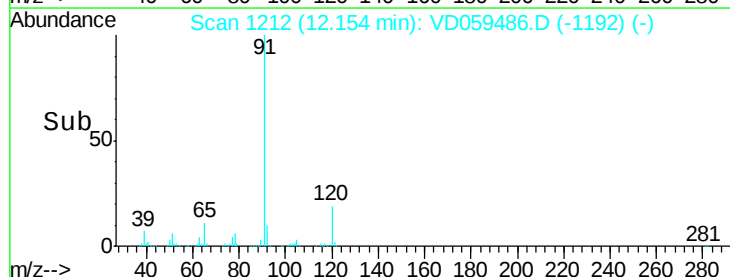
Tgt Ion: 91 Resp: 813109

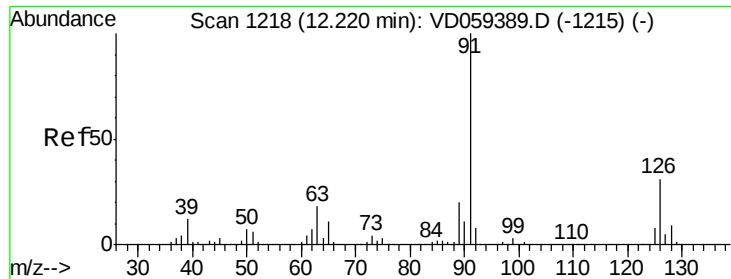
Ion	Ratio	Lower	Upper
91	100		
120	19.1	10.0	29.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

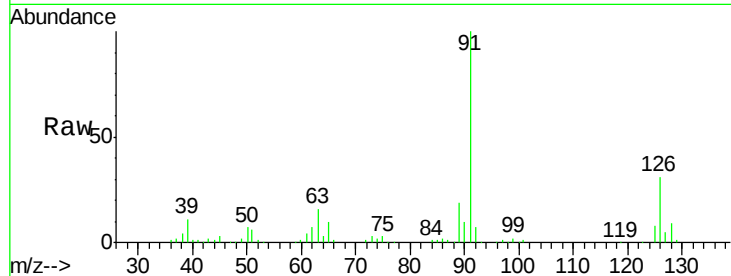
Ion 120.05 (119.75 to 120.75): V



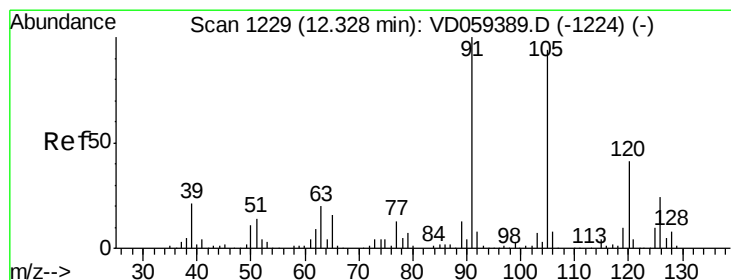
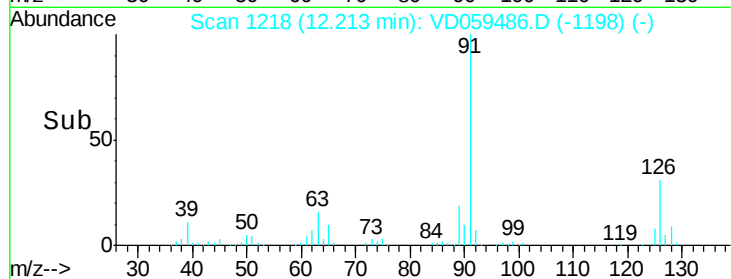
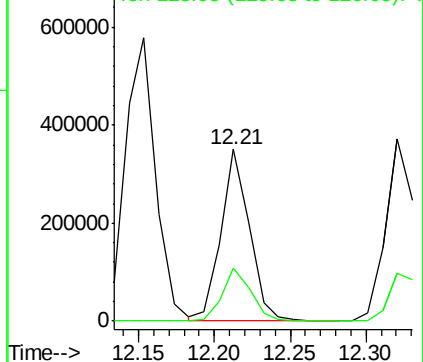


#79
 2-Chlorotoluene
 Concen: 21.908 ug/l
 RT: 12.21 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tot Ion: 91 Resp: 459188
 Ion Ratio Lower Upper
 91 100
 126 30.6 15.2 45.5

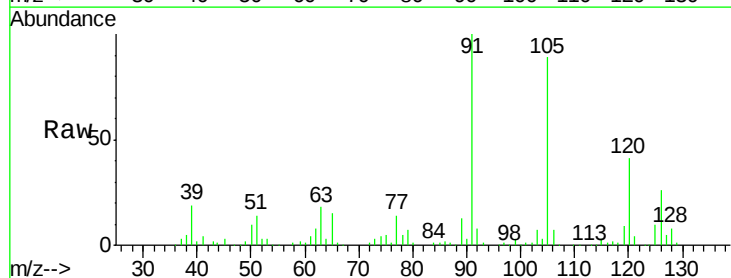


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

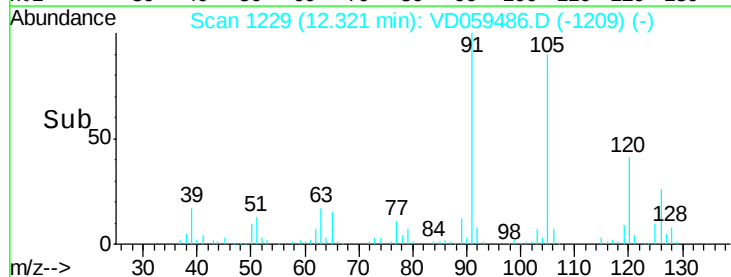
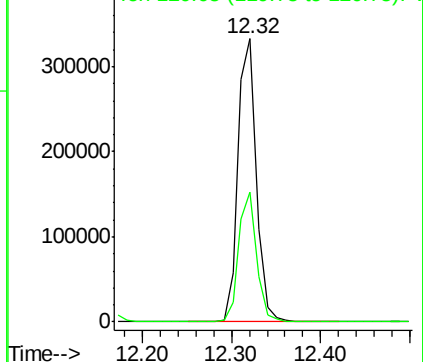


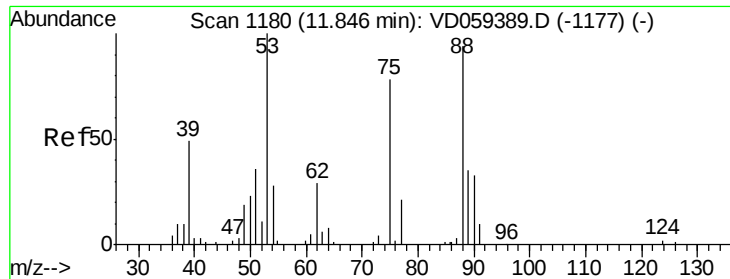
#80
 1,3,5-Trimethylbenzene
 Concen: 21.496 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion: 105 Resp: 482252
 Ion Ratio Lower Upper
 105 100
 120 45.8 21.9 65.7



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





#81

trans-1,4-Dichloro-2-butene

Concen: 21.049 ug/l

RT: 11.84 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

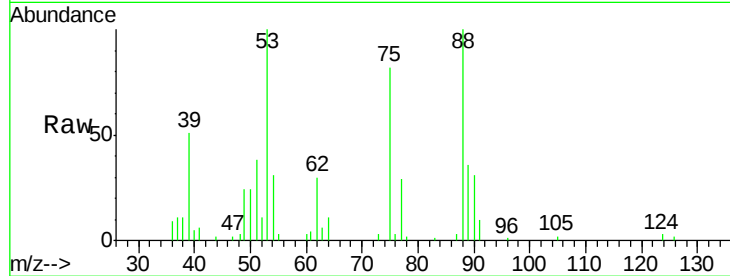
Tot Ion: 75 Resp: 32955

Ion Ratio Lower Upper

75 100

53 121.7 102.6 154.0

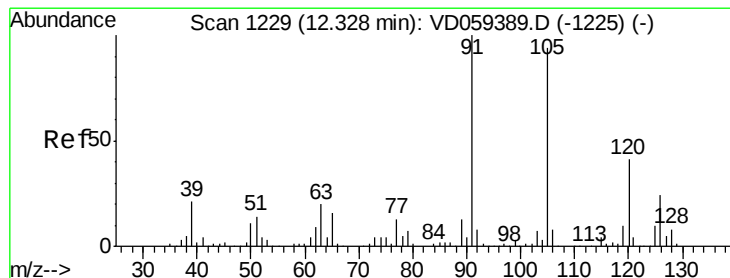
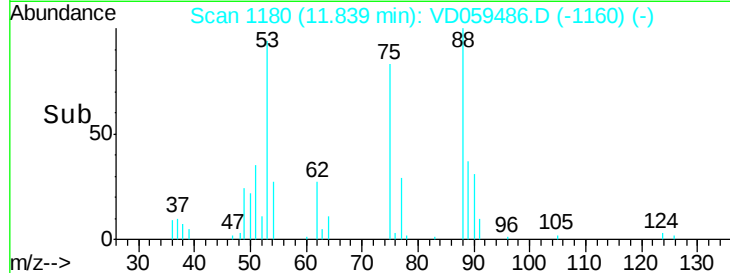
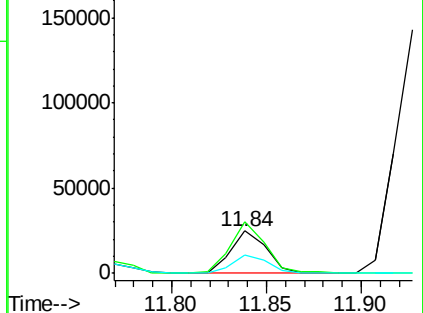
89 44.4 35.9 53.9



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 21.438 ug/l

RT: 12.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD059486.D

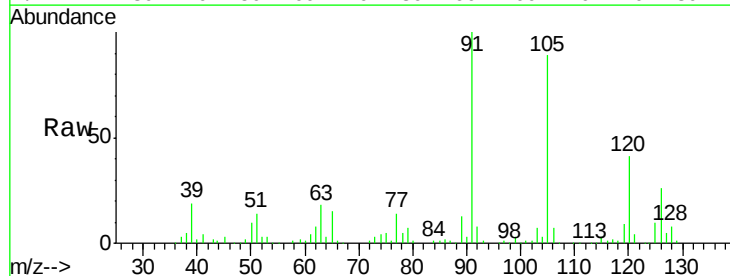
Acq: 29 Jun 2018 12:34

Tgt Ion: 91 Resp: 509532

Ion Ratio Lower Upper

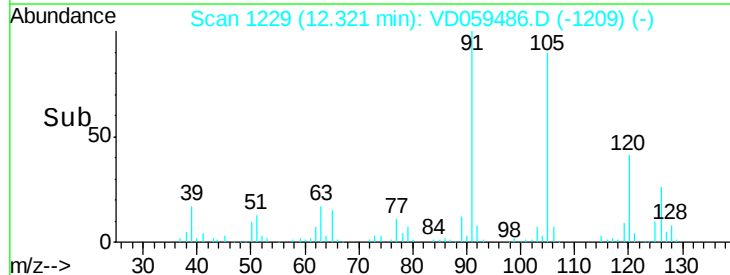
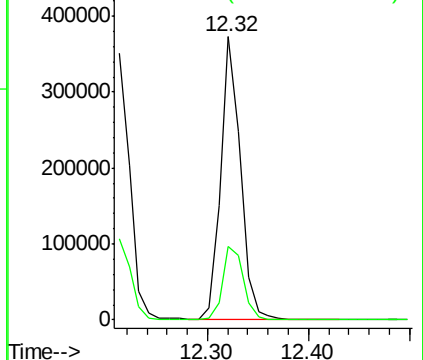
91 100

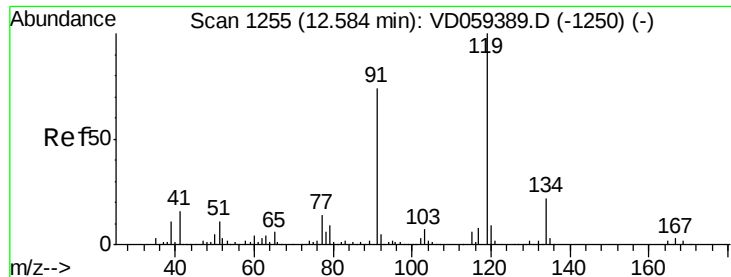
126 26.1 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VDC

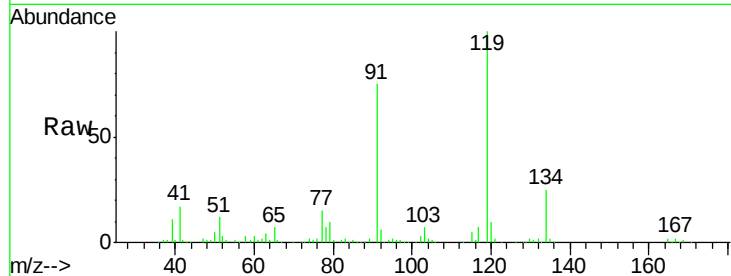
Ion 125.95 (125.65 to 126.65): V



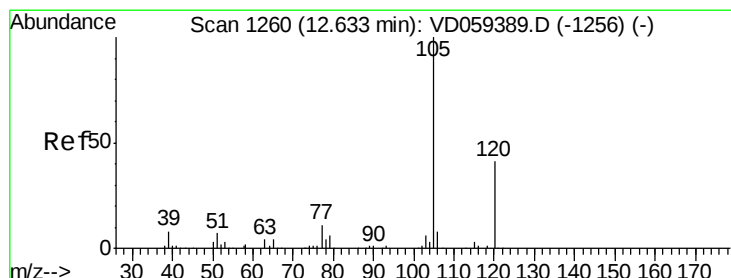
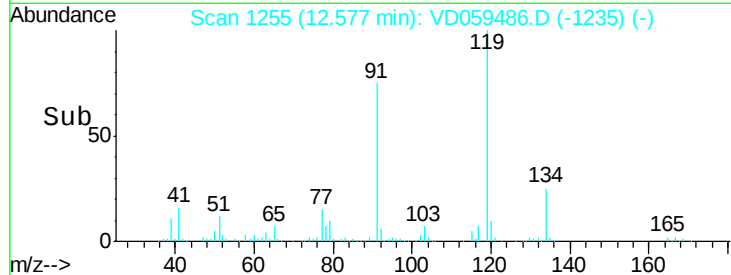
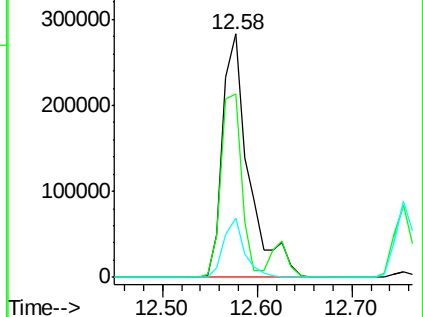


#83
tert-Butylbenzene
Concen: 22.777 ug/l
RT: 12.58 min Scan# 1255
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion:119 Resp: 543543
Ion Ratio Lower Upper
119 100
91 75.4 36.9 110.7
134 24.5 11.2 33.6

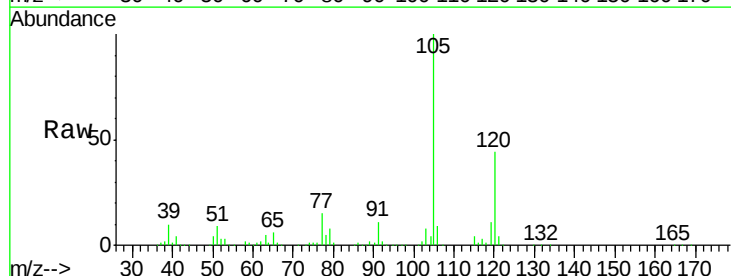


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

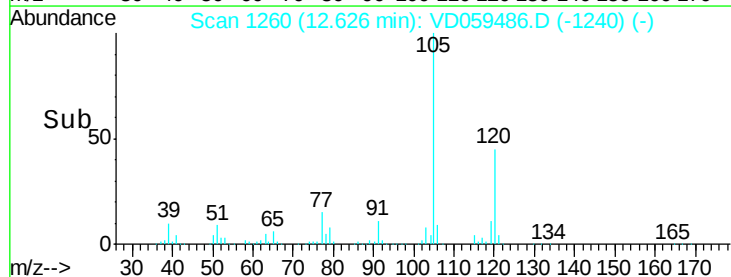
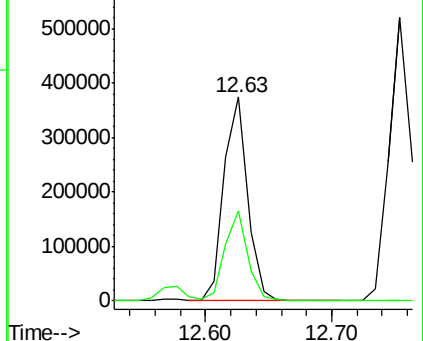


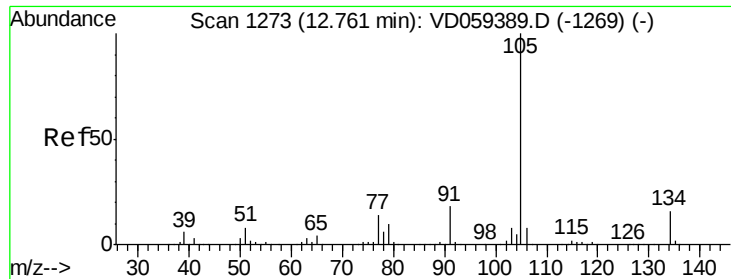
#84
1,2,4-Trimethylbenzene
Concen: 20.461 ug/l
RT: 12.63 min Scan# 1260
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion:105 Resp: 485777
Ion Ratio Lower Upper
105 100
120 44.5 21.5 64.5



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





#85

sec-Butylbenzene

Concen: 22.539 ug/l

RT: 12.75 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VD059486.D

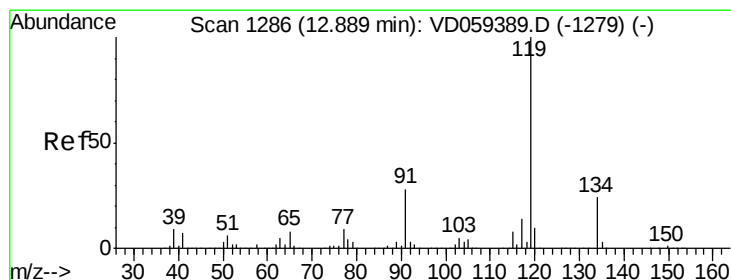
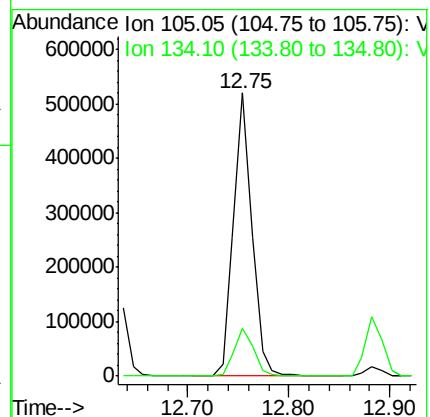
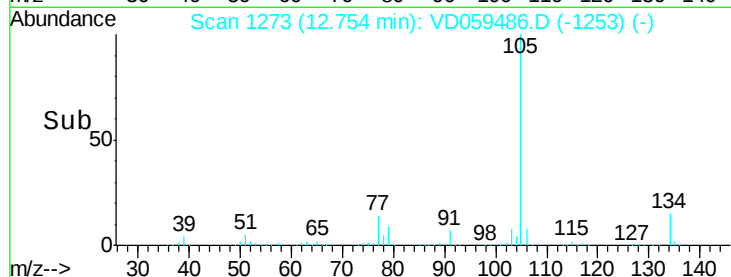
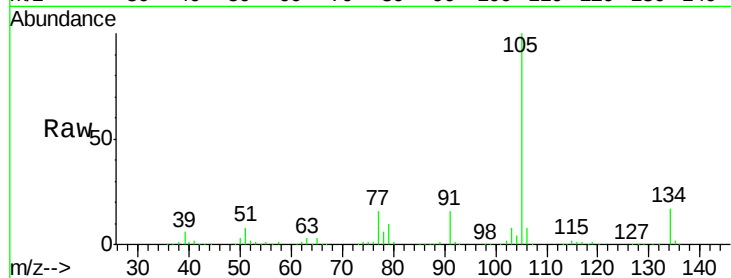
Acq: 29 Jun 2018 12:34

Tot Ion:105 Resp: 660007

Ion Ratio Lower Upper

105 100

134 17.1 8.2 24.6



#86

p-Isopropyltoluene

Concen: 22.821 ug/l

RT: 12.88 min Scan# 1286

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

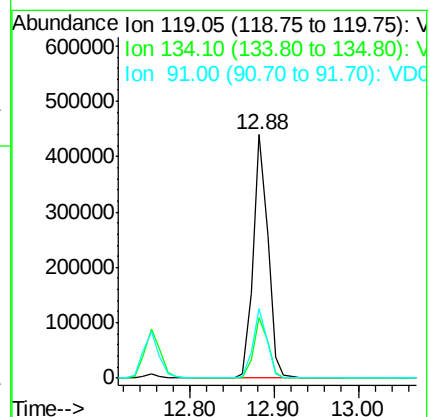
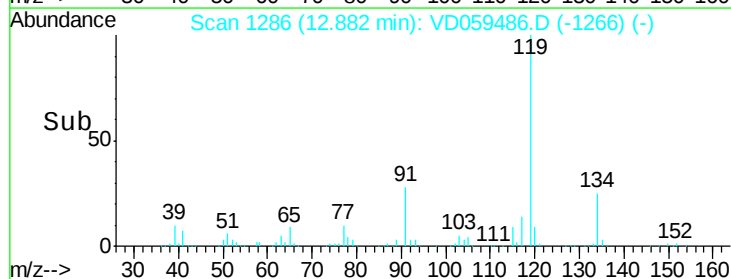
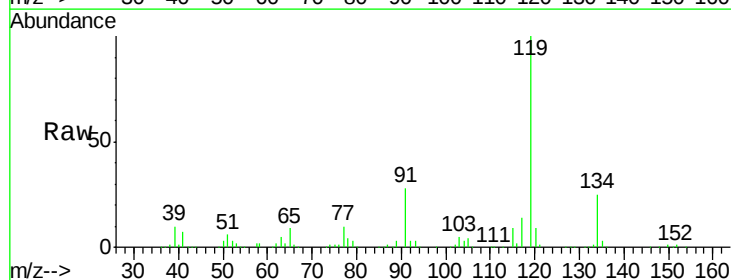
Tgt Ion:119 Resp: 538624

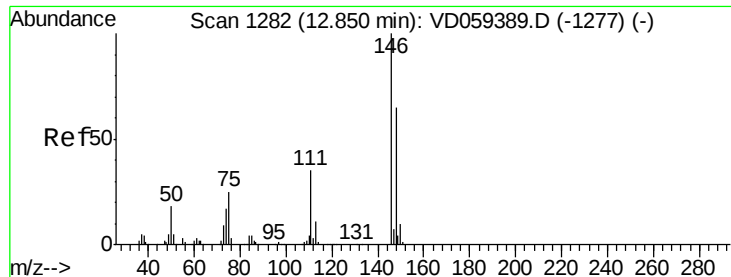
Ion Ratio Lower Upper

119 100

134 25.0 11.9 35.5

91 28.4 14.1 42.4





#87

1,3-Dichlorobenzene

Concen: 21.367 ug/l

RT: 12.84 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

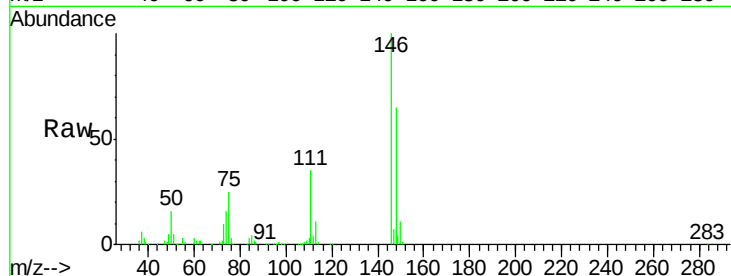
Tot Ion:146 Resp: 311787

Ion Ratio Lower Upper

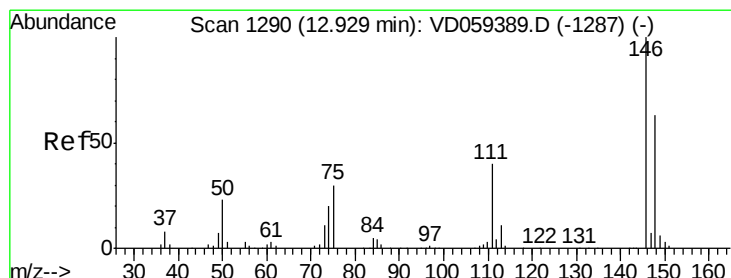
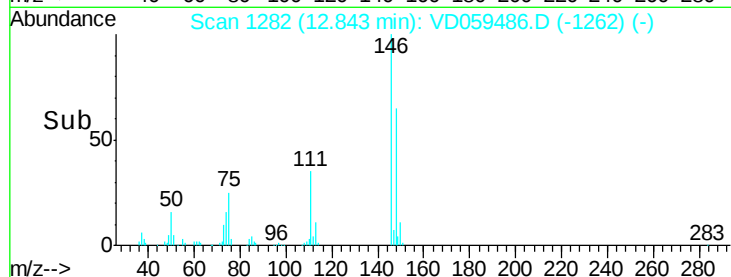
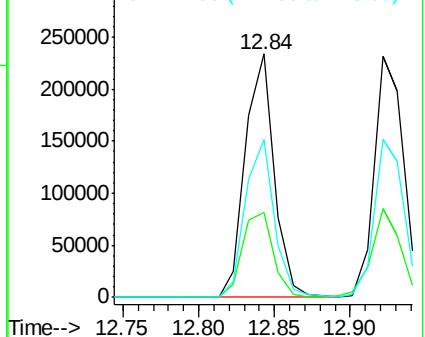
146 100

111 34.8 17.6 52.8

148 64.6 32.4 97.2



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



#88

1,4-Dichlorobenzene

Concen: 22.017 ug/l

RT: 12.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

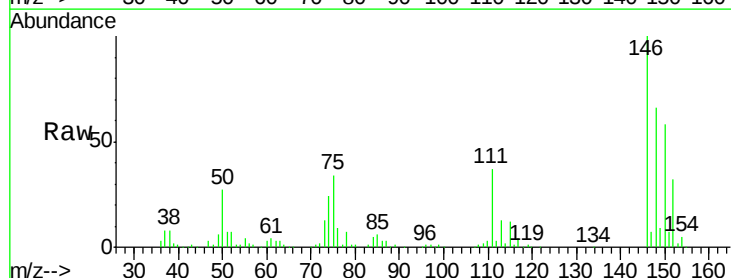
Tgt Ion:146 Resp: 317026

Ion Ratio Lower Upper

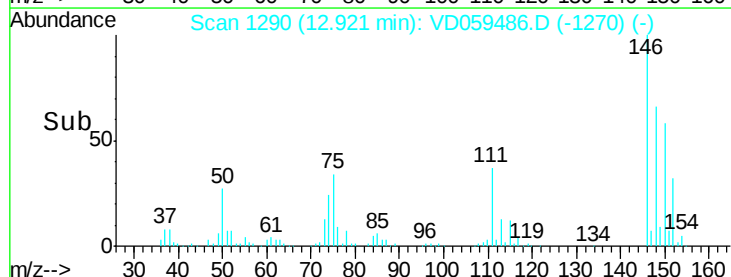
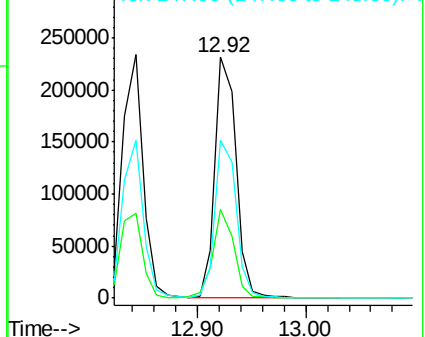
146 100

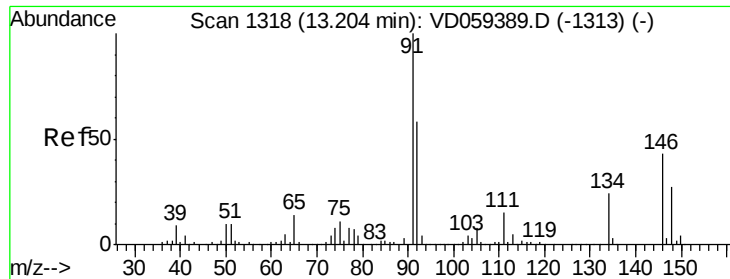
111 36.6 20.1 60.2

148 65.5 31.4 94.0



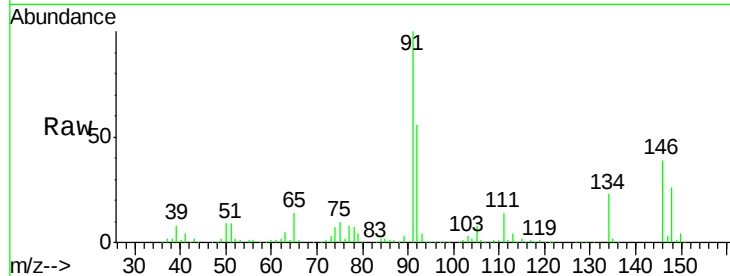
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



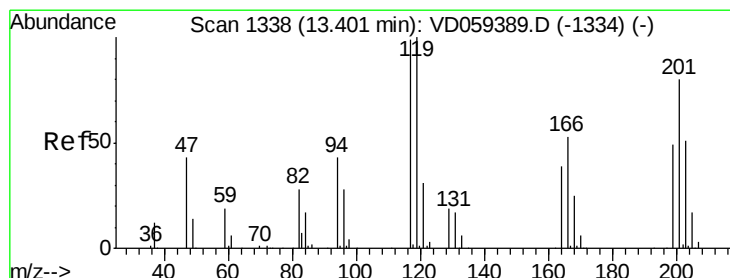
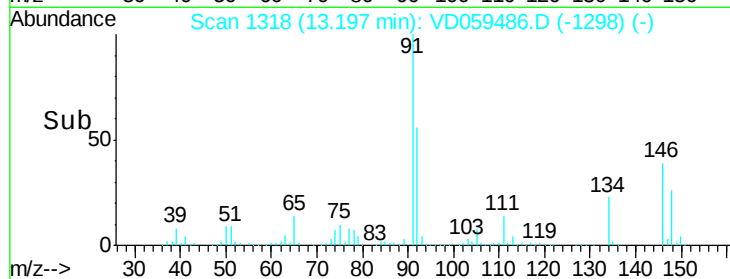
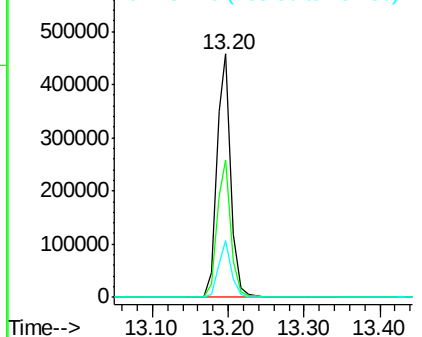


#89
n-Butylbenzene
Concen: 25.646 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 91 Resp: 597503
Ion Ratio Lower Upper
91 100
92 56.2 28.8 86.5
134 23.4 11.9 35.7

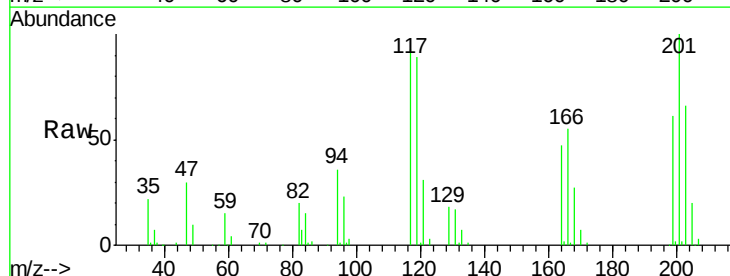


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

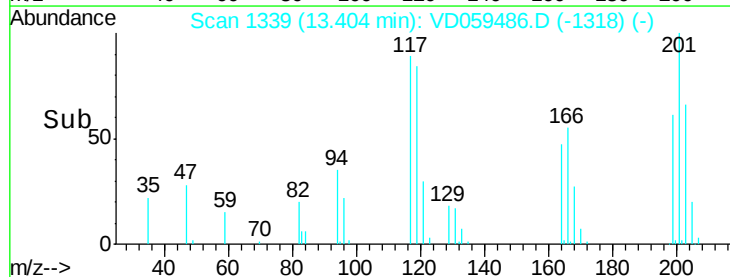
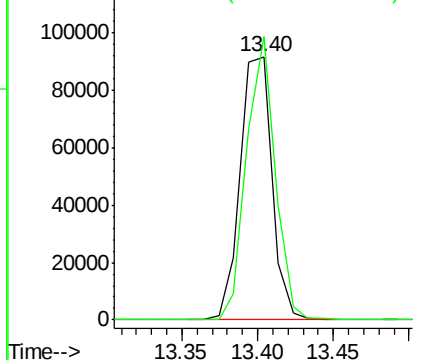


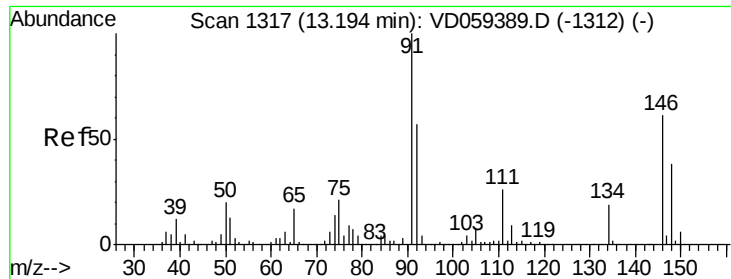
#90
Hexachloroethane
Concen: 22.825 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 117 Resp: 134410
Ion Ratio Lower Upper
117 100
201 107.6 40.1 120.3



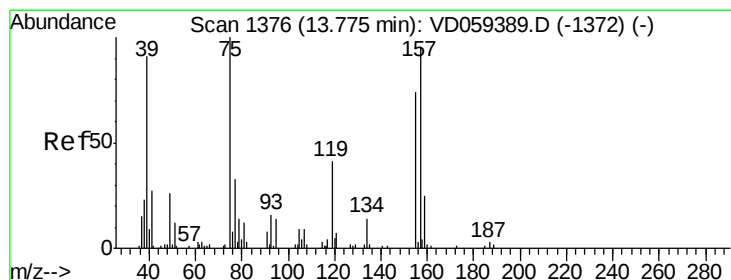
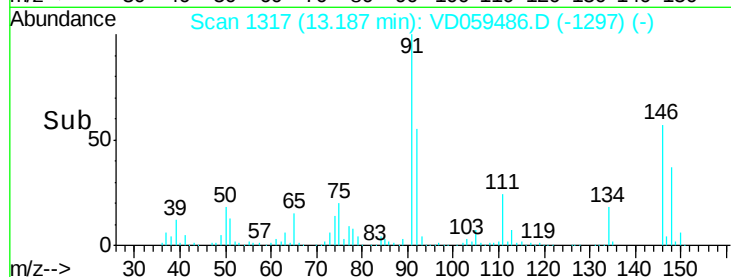
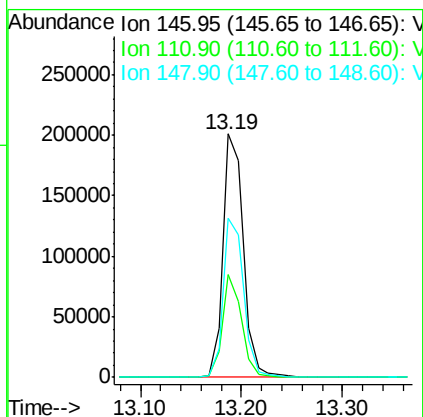
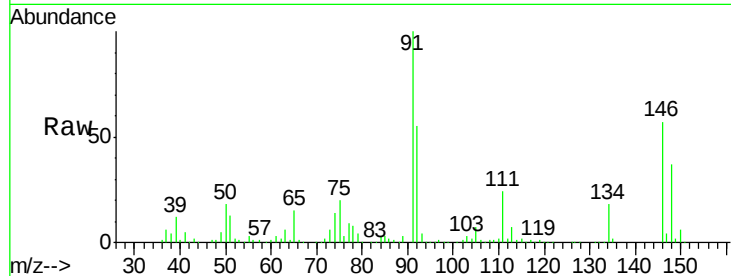
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V





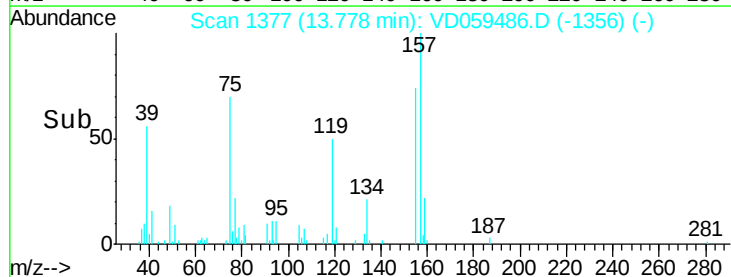
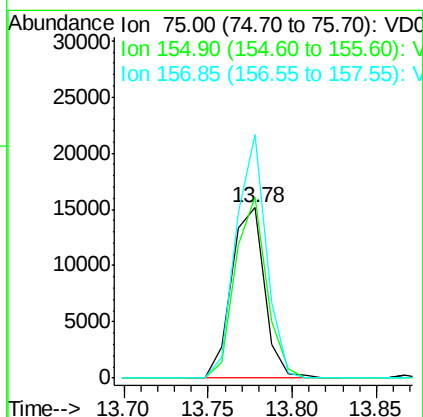
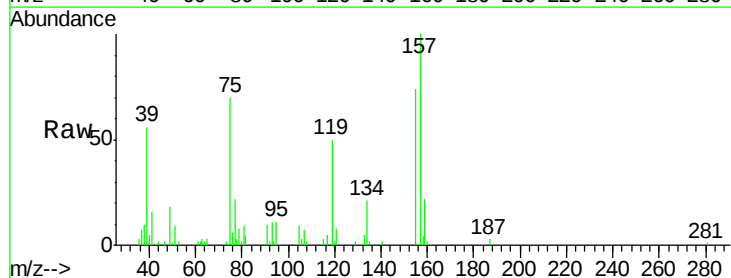
#91
 1,2-Dichlorobenzene
 Concen: 22.918 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

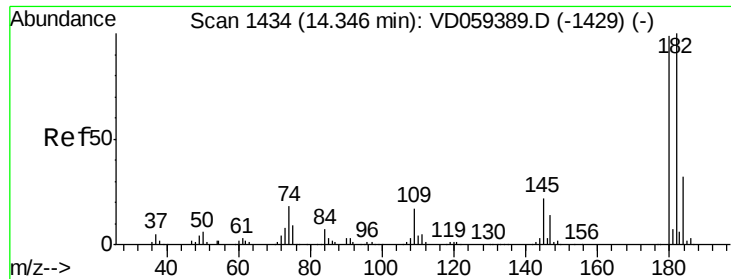
Tot Ion:146 Resp: 283537
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.2
 148 65.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.882 ug/l
 RT: 13.78 min Scan# 1377
 Delta R.T. 0.00 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

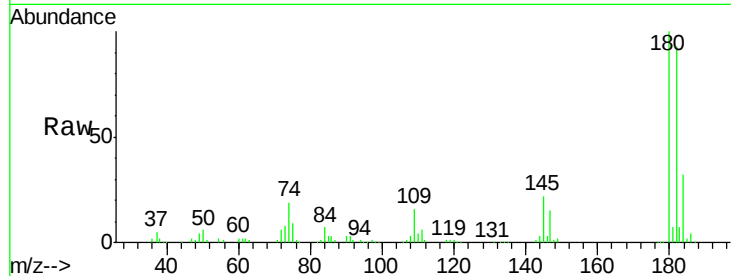
Tgt Ion: 75 Resp: 20584
 Ion Ratio Lower Upper
 75 100
 155 106.2 37.2 111.6
 157 142.8 47.4 142.2#



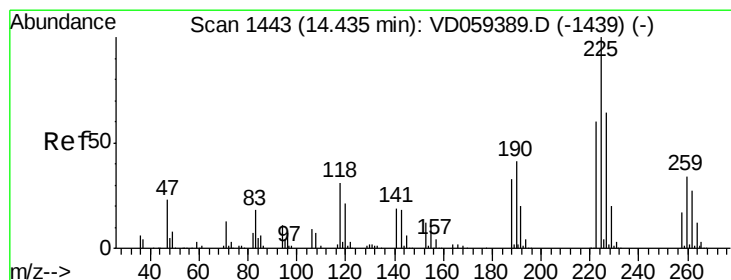
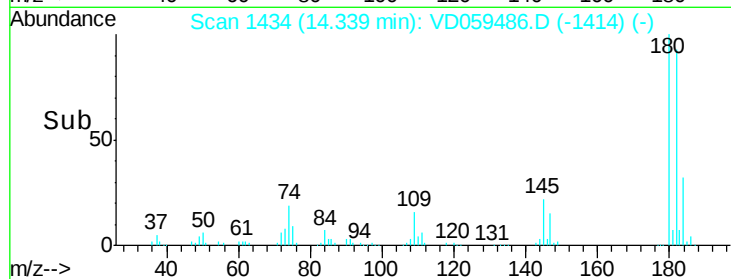
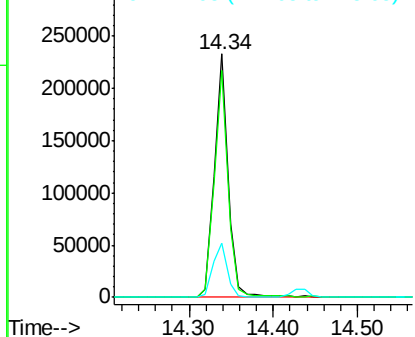


#93
 1,2,4-Trichlorobenzene
 Concen: 23.312 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tot Ion:180 Resp: 266644
 Ion Ratio Lower Upper
 180 100
 182 93.4 50.4 151.2
 145 22.4 11.0 33.0

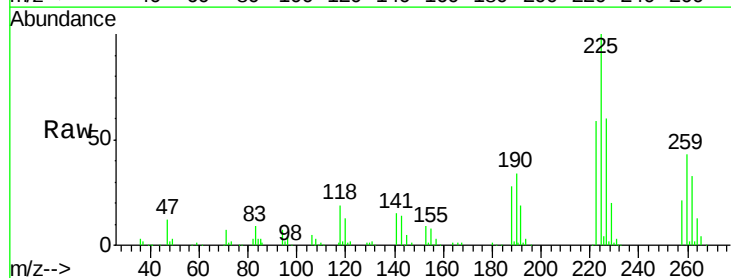


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

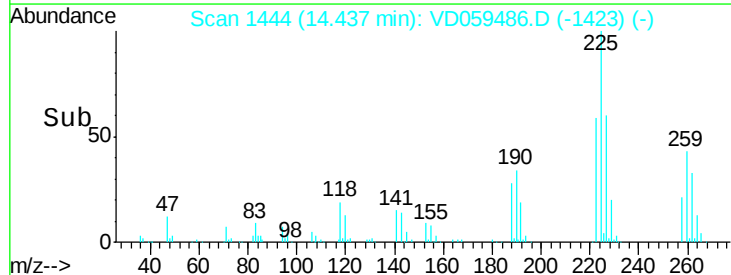
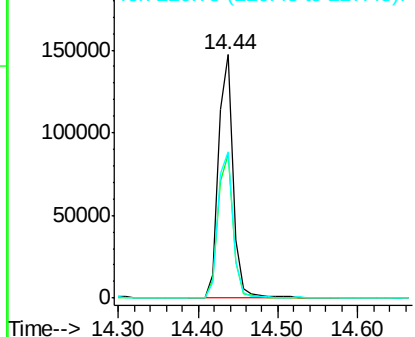


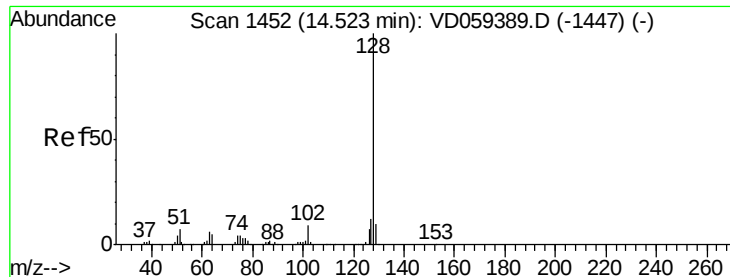
#94
 Hexachlorobutadiene
 Concen: 22.364 ug/l
 RT: 14.44 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion:225 Resp: 192493
 Ion Ratio Lower Upper
 225 100
 223 59.0 30.0 90.1
 227 59.9 32.1 96.5



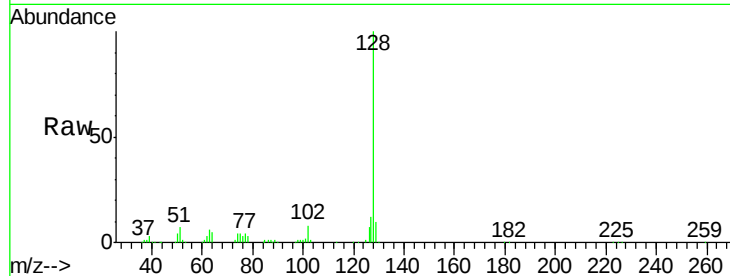
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



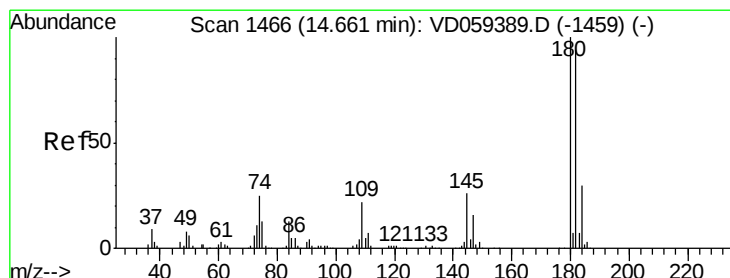
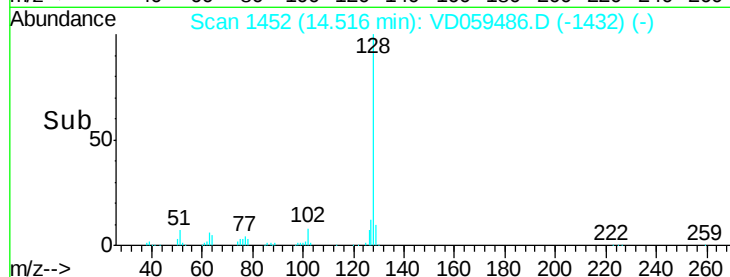
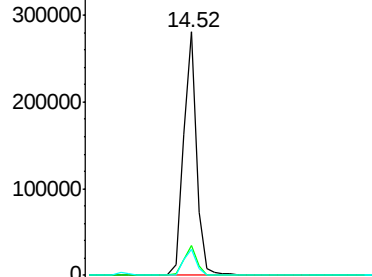


#95
Naphthalene
Concen: 20.514 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion:128 Resp: 327025
Ion Ratio Lower Upper
128 100
127 12.1 9.6 14.4
129 10.4 8.2 12.2

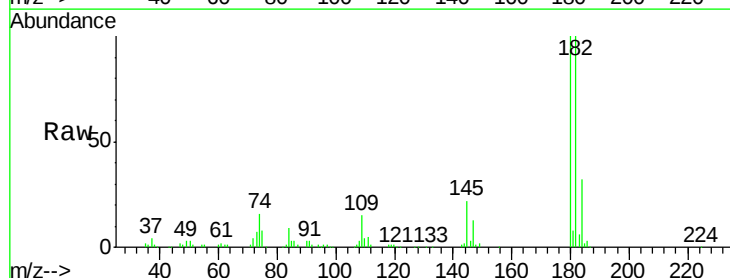


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.542 ug/l
RT: 14.66 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion:180 Resp: 221550
Ion Ratio Lower Upper
180 100
182 99.8 47.1 141.4
145 22.2 13.1 39.3



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

