

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062918\
 Data File : VD059487.D
 Acq On : 29 Jun 2018 13:02
 Operator : VA/AP
 Sample : VD0629SBS01
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 30 00:24:56 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	906097	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	6.68	114	1127287	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	931350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	506537	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	374757	40.44	ug/l	-0.02
Spiked Amount			Recovery	=	80.88%	
35) Dibromofluoromethane	5.54	113	396793	43.21	ug/l	-0.02
Spiked Amount			Recovery	=	86.42%	
50) Toluene-d8	8.70	98	903521	42.09	ug/l	-0.02
Spiked Amount			Recovery	=	84.18%	
62) 4-Bromofluorobenzene	11.93	95	383440	42.94	ug/l	0.00
Spiked Amount			Recovery	=	85.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.33	85	184165	22.844	ug/l	97
3) Chloromethane	1.47	50	88075	20.996	ug/l #	89
4) Vinyl Chloride	1.54	62	94065	21.614	ug/l	97
5) Bromomethane	1.78	94	31633	19.245	ug/l	95
6) Chloroethane	1.87	64	34615	17.355	ug/l	92
7) Trichlorofluoromethane	2.06	101	137084	21.845	ug/l	96
8) Diethyl Ether	2.33	74	25892	18.235	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.54	101	90503	23.208	ug/l	93
10) Methyl Iodide	2.67	142	92703	20.352	ug/l	98
11) Tert butyl alcohol	3.25	59	29553	92.191	ug/l	96
12) 1,1-Dichloroethene	2.53	96	68191	22.840	ug/l	94
13) Acrolein	2.46	56	30213	105.428	ug/l	99
14) Allyl chloride	2.90	41	142380	20.835	ug/l	96
15) Acrylonitrile	3.34	53	86878	88.306	ug/l	87
16) Acetone	2.61	43	135942	116.243	ug/l	97
17) Carbon Disulfide	2.74	76	193484	21.160	ug/l	96
18) Methyl Acetate	2.92	43	47112	16.919	ug/l #	90
19) Methyl tert-butyl Ether	3.39	73	204798	13.936	ug/l	98
20) Methylene Chloride	3.05	84	73718	21.297	ug/l	89
21) trans-1,2-Dichloroethene	3.37	96	68466	12.970	ug/l	86
22) Diisopropyl ether	4.05	45	540756	21.031	ug/l	99
23) Vinyl Acetate	4.00	43	1523040	113.689	ug/l	99
24) 1,1-Dichloroethane	3.95	63	310006	21.070	ug/l	98
25) 2-Butanone	4.83	43	262715	107.239	ug/l	97
26) 2,2-Dichloropropane	4.78	77	268312	23.516	ug/l	95
27) cis-1,2-Dichloroethene	4.79	96	170011	19.165	ug/l	97
28) Bromochloromethane	5.14	49	136114	21.339	ug/l	91
29) Tetrahydrofuran	5.17	42	126638	94.505	ug/l	95
30) Chloroform	5.31	83	330801	20.628	ug/l	96
31) Cyclohexane	5.58	56	239736	22.552	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	272844	21.011	ug/l	96
36) 1,1-Dichloropropene	5.74	75	232793	22.765	ug/l	98
37) Ethyl Acetate	4.91	43	119706	19.222	ug/l	97
38) Carbon Tetrachloride	5.72	117	229727	21.789	ug/l	93

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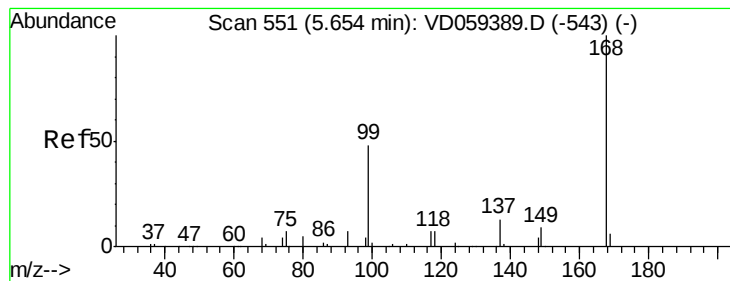
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	218272	22.505	ug/l	99
40) Benzene	6.00	78	513774	20.936	ug/l	98
41) Methacrylonitrile	5.12	41	53749	17.919	ug/l	94
42) 1,2-Dichloroethane	6.12	62	207015	19.092	ug/l	99
43) Isopropyl Acetate	7.61	43	157371	20.122	ug/l #	96
44) Trichloroethene	6.98	130	170177	21.179	ug/l	87
45) 1,2-Dichloropropane	7.34	63	139308	20.496	ug/l	97
46) Dibromomethane	7.45	93	102439	20.957	ug/l	95
47) Bromodichloromethane	7.73	83	228527	20.894	ug/l	96
48) Methyl methacrylate	7.50	41	93088	19.537	ug/l	96
49) 1,4-Dioxane	7.49	88	20953	438.478	ug/l #	85
51) 4-Methyl-2-Pentanone	8.59	43	552618	106.038	ug/l	100
52) Toluene	8.80	92	310829	21.208	ug/l	94
53) t-1,3-Dichloropropene	9.18	75	203172	22.230	ug/l	97
54) cis-1,3-Dichloropropene	8.35	75	231092	21.837	ug/l	97
55) 1,1,2-Trichloroethane	9.45	97	107621	20.226	ug/l	96
56) Ethyl methacrylate	9.31	69	123476	20.336	ug/l	95
57) 1,3-Dichloropropane	9.66	76	189384	21.762	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.18	63	322775	103.264	ug/l	94
59) 2-Hexanone	9.78	43	411992	111.230	ug/l	100
60) Dibromochloromethane	9.95	129	150456	20.192	ug/l	85
61) 1,2-Dibromoethane	10.09	107	120948	20.412	ug/l	95
64) Tetrachloroethene	9.51	164	165003	20.195	ug/l	93
65) Chlorobenzene	10.72	112	372671	21.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.84	131	146588	22.424	ug/l	95
67) Ethyl Benzene	10.85	91	670224	23.323	ug/l	98
68) m/p-Xylenes	11.01	106	433079	45.424	ug/l	94
69) o-Xylene	11.41	106	213229	22.622	ug/l	94
70) Styrene	11.43	104	359482	22.249	ug/l	97
71) Bromoform	11.59	173	105712	19.520	ug/l	94
73) Isopropylbenzene	11.77	105	595127	20.820	ug/l	94
74) N-amyl acetate	11.64	43	202809	18.648	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.08	83	131181	19.561	ug/l	94
76) 1,2,3-Trichloropropane	12.11	75	140174	20.062	ug/l	99
77) Bromobenzene	12.04	156	180649	20.079	ug/l	93
78) n-propylbenzene	12.15	91	780267	21.553	ug/l	99
79) 2-Chlorotoluene	12.21	91	444818	20.922	ug/l	95
80) 1,3,5-Trimethylbenzene	12.31	105	470082	20.657	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	32148	20.244	ug/l	93
82) 4-Chlorotoluene	12.32	91	501330	20.795	ug/l	98
83) tert-Butylbenzene	12.58	119	549628	22.706	ug/l	95
84) 1,2,4-Trimethylbenzene	12.62	105	510989	21.218	ug/l	96
85) sec-Butylbenzene	12.75	105	633058	21.313	ug/l	97
86) p-Isopropyltoluene	12.88	119	546948	22.846	ug/l	100
87) 1,3-Dichlorobenzene	12.83	146	322084	21.761	ug/l	93
88) 1,4-Dichlorobenzene	12.92	146	313019	21.431	ug/l	97
89) n-Butylbenzene	13.19	91	548876	23.226	ug/l	97
90) Hexachloroethane	13.39	117	132853	22.242	ug/l	99
91) 1,2-Dichlorobenzene	13.19	146	269468	21.473	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.77	75	21474	19.419	ug/l	87

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	254782	21.960	ug/l	98
94) Hexachlorobutadiene	14.43	225	197850	22.662	ug/l	97
95) Naphthalene	14.52	128	324729	20.082	ug/l	99
96) 1,2,3-Trichlorobenzene	14.65	180	217692	20.868	ug/l	96

(#) = 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: VD059487.D

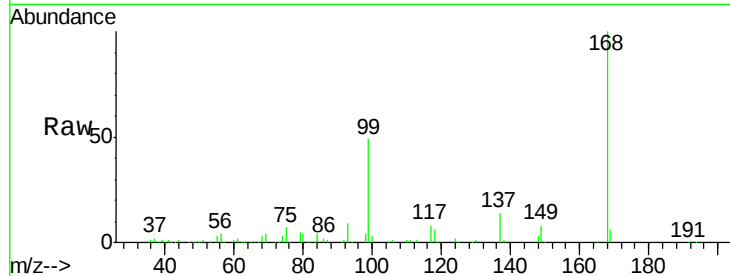
Acq: 29 Jun 2018 13:02

Tot Ion: 168 Resp: 906097

Ion Ratio Lower Upper

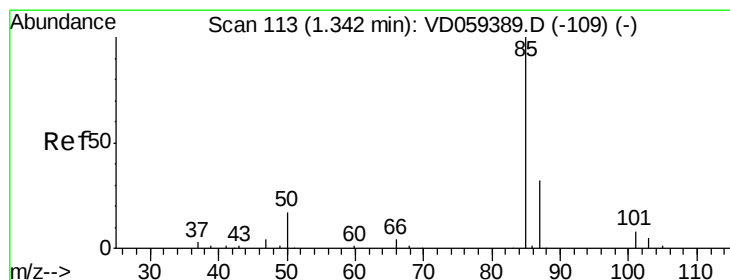
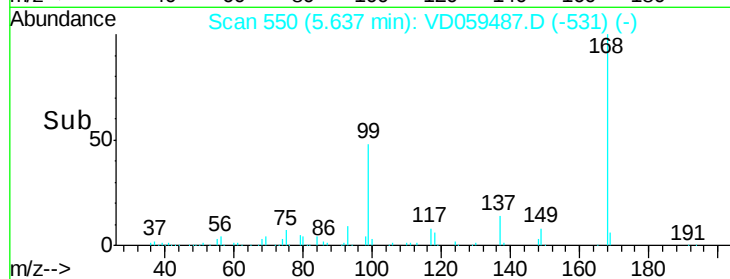
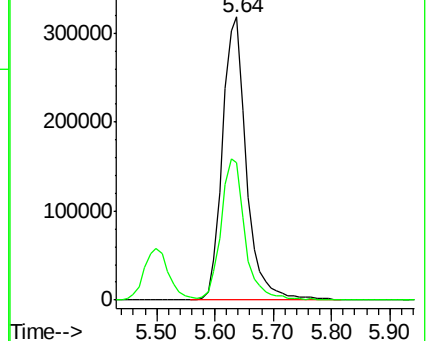
168 100

99 48.7 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: 22.844 ug/l

RT: 1.33 min Scan# 112

Delta R.T. -0.02 min

Lab File: VD059487.D

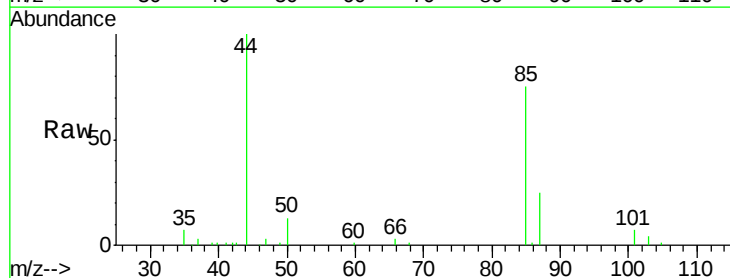
Acq: 29 Jun 2018 13:02

Tgt Ion: 85 Resp: 184165

Ion Ratio Lower Upper

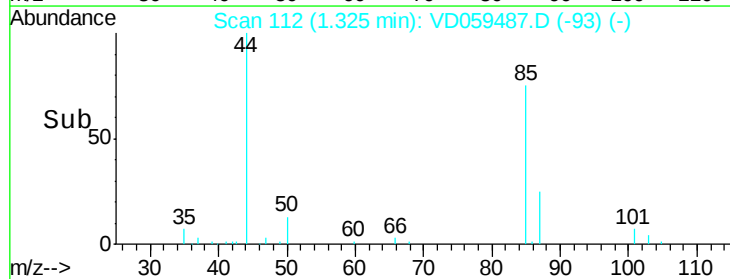
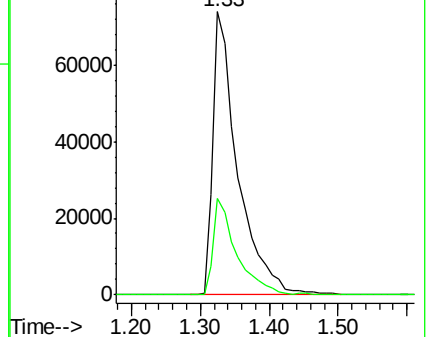
85 100

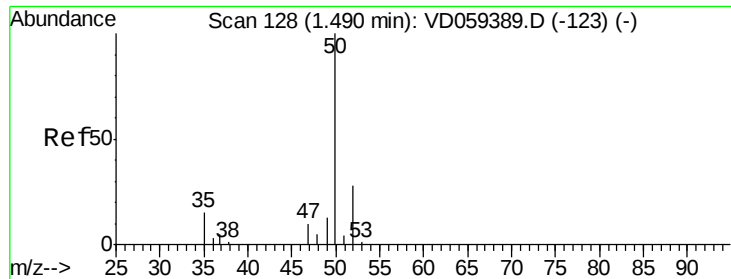
87 34.1 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.996 ug/l

RT: 1.47 min Scan# 127

Delta R.T. -0.02 min

Lab File: VD059487.D

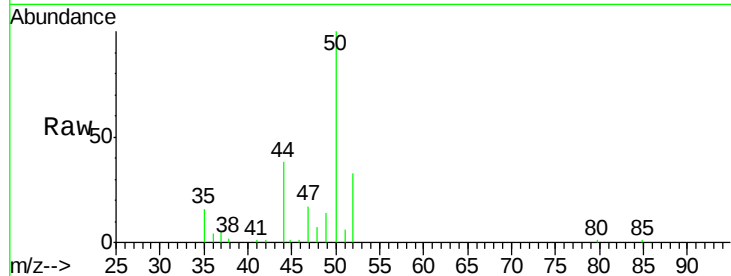
Acq: 29 Jun 2018 13:02

Tot Ion: 50 Resp: 88075

Ion Ratio Lower Upper

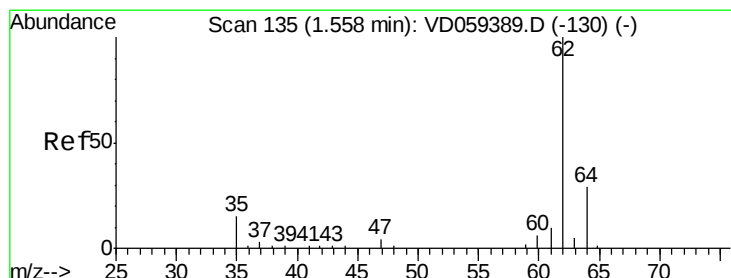
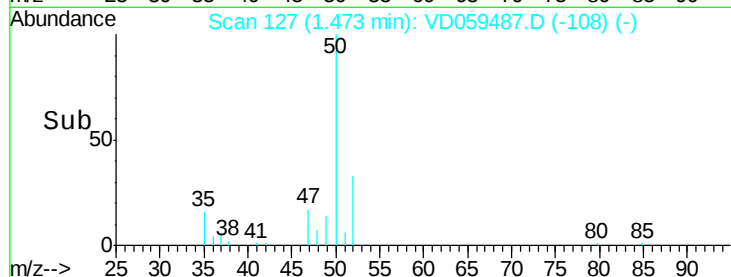
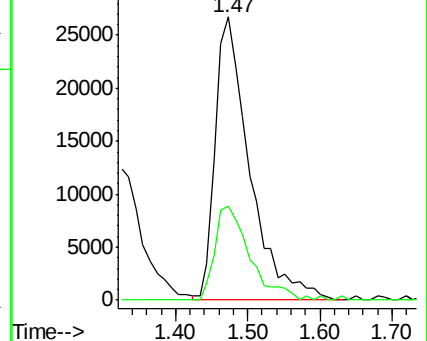
50 100

52 33.1 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: 21.614 ug/l

RT: 1.54 min Scan# 134

Delta R.T. -0.02 min

Lab File: VD059487.D

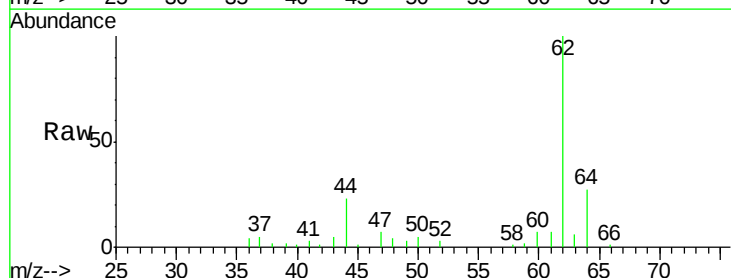
Acq: 29 Jun 2018 13:02

Tgt Ion: 62 Resp: 94065

Ion Ratio Lower Upper

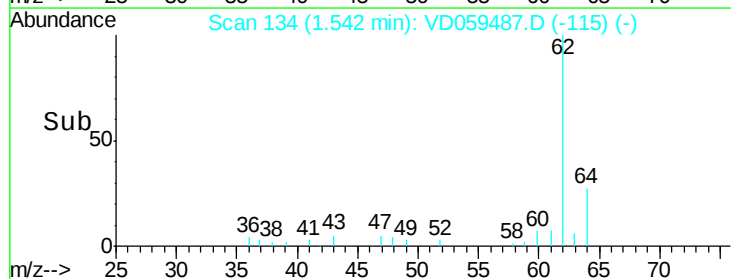
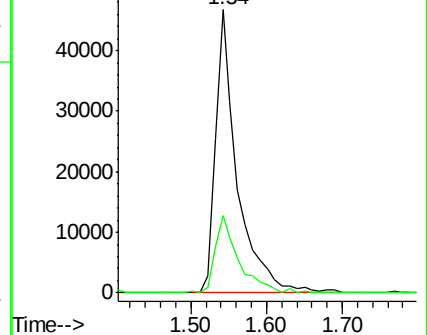
62 100

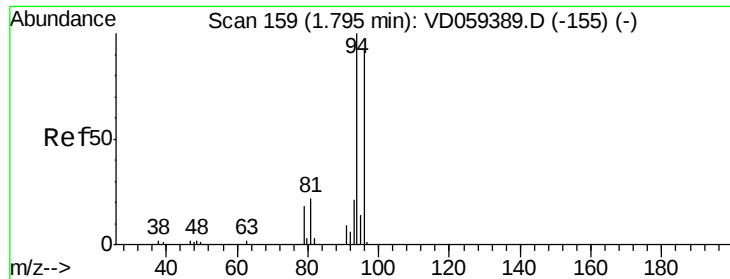
64 27.3 23.0 34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 19.245 ug/l

RT: 1.78 min Scan# 158

Delta R.T. -0.02 min

Lab File: VD059487.D

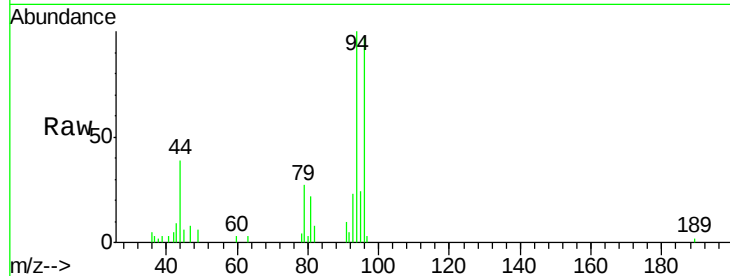
Acq: 29 Jun 2018 13:02

Tot Ion: 94 Resp: 31633

Ion Ratio Lower Upper

94 100

96 96.7 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

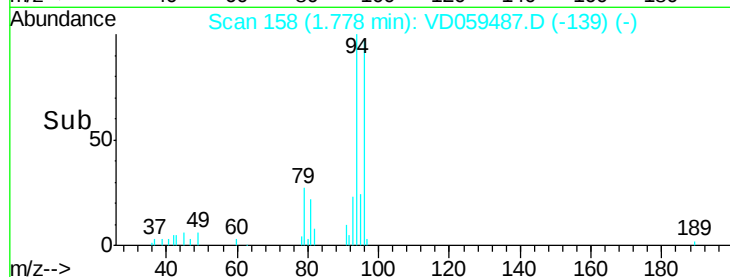
15000

10000

5000

0

Time-->



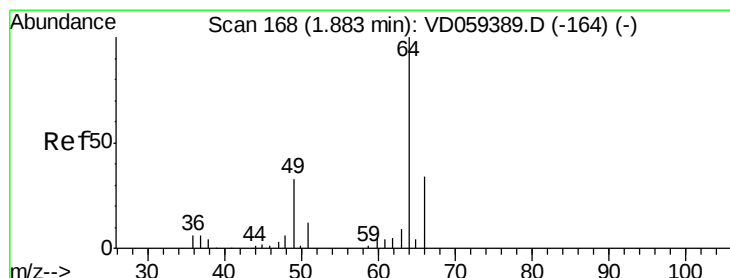
1.78

1.70

1.80

1.90

2.00



#6

Chloroethane

Concen: 17.355 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.02 min

Lab File: VD059487.D

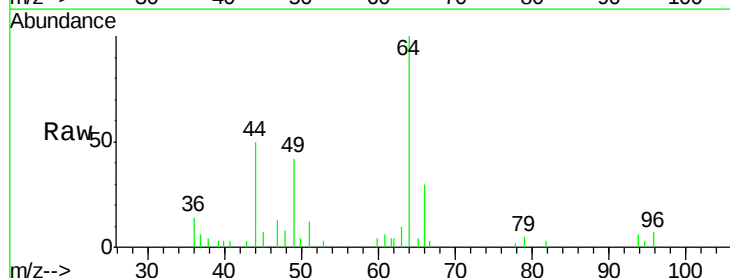
Acq: 29 Jun 2018 13:02

Tgt Ion: 64 Resp: 34615

Ion Ratio Lower Upper

64 100

66 29.6 27.1 40.7



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

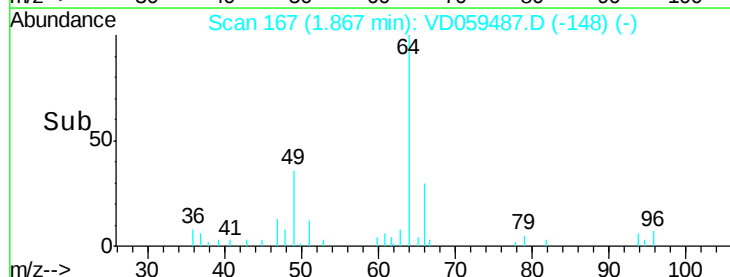
15000

10000

5000

0

Time-->

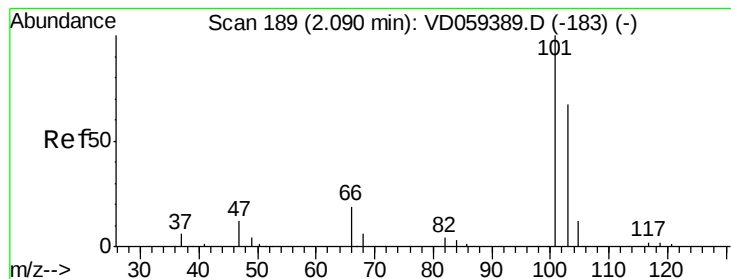


1.87

1.80

1.90

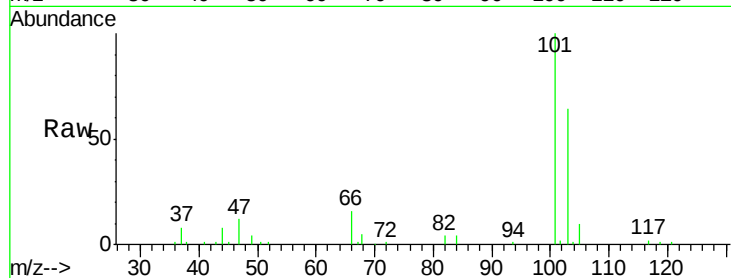
2.00



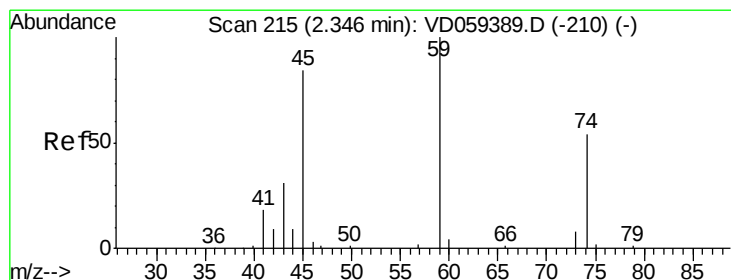
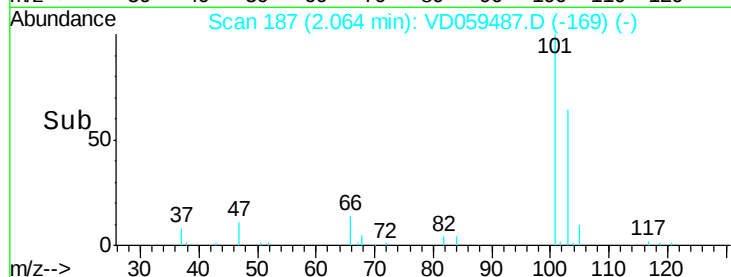
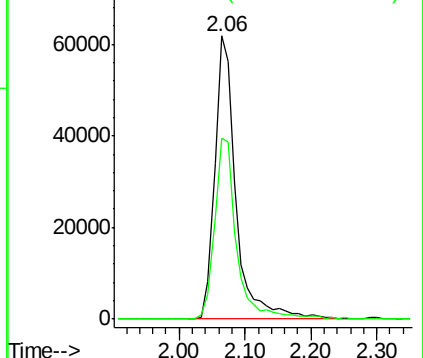
#7

Trichlorofluoromethane
Concen: 21.845 ug/l
RT: 2.06 min Scan# 187
Delta R.T. -0.03 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion:101 Resp: 137084
Ion Ratio Lower Upper
101 100
103 63.7 53.4 80.0



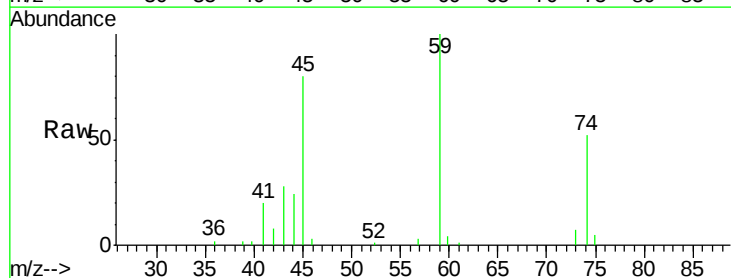
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



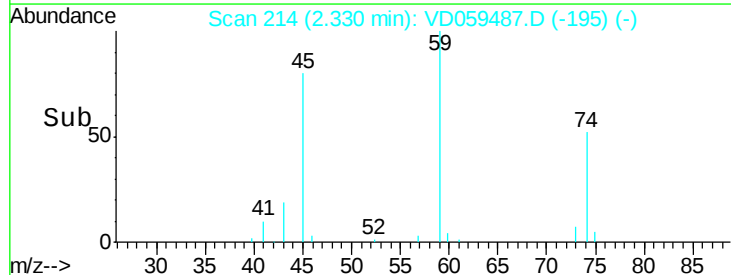
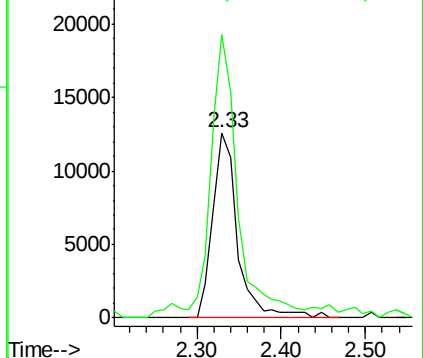
#8

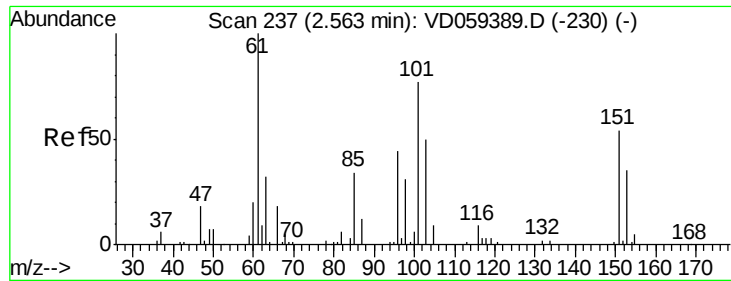
Diethyl Ether
Concen: 18.235 ug/l
RT: 2.33 min Scan# 214
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 74 Resp: 25892
Ion Ratio Lower Upper
74 100
45 153.2 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: 23.208 ug/l

RT: 2.54 min Scan# 235

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

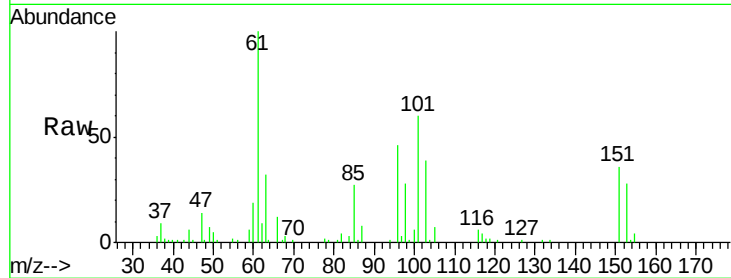
Tot Ion:101 Resp: 90503

Ion Ratio Lower Upper

101 100

85 44.3 35.7 53.5

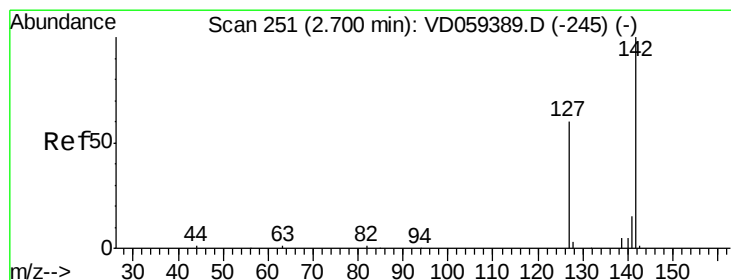
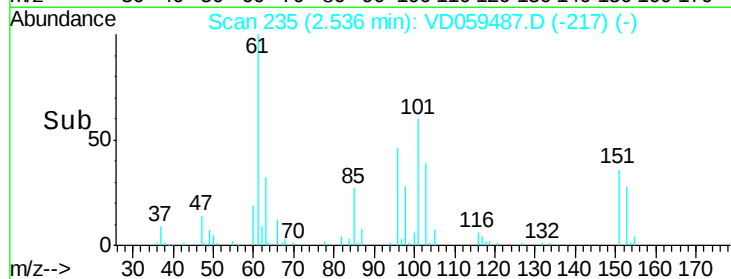
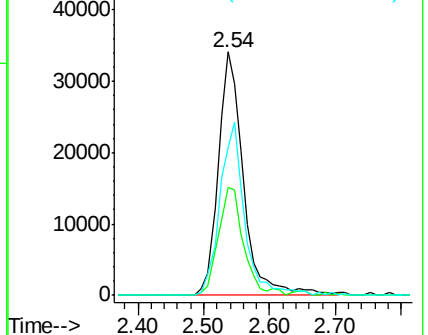
151 60.5 55.8 83.8



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 20.352 ug/l

RT: 2.67 min Scan# 249

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

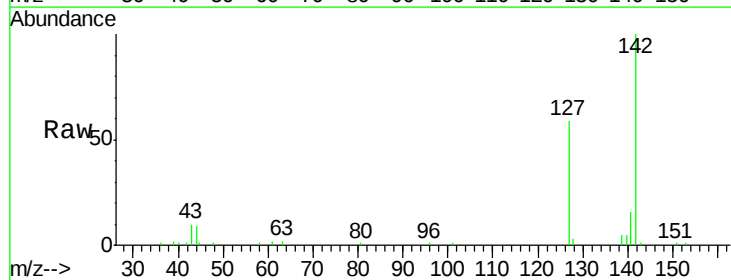
Tgt Ion:142 Resp: 92703

Ion Ratio Lower Upper

142 100

127 58.6 48.4 72.6

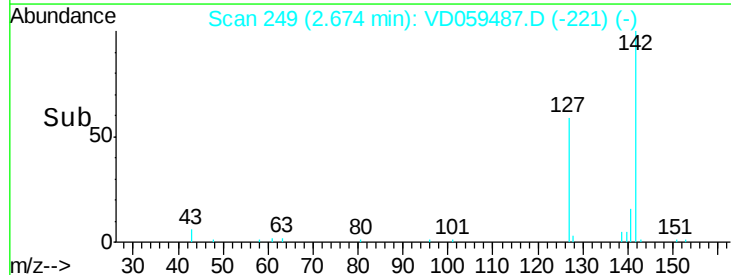
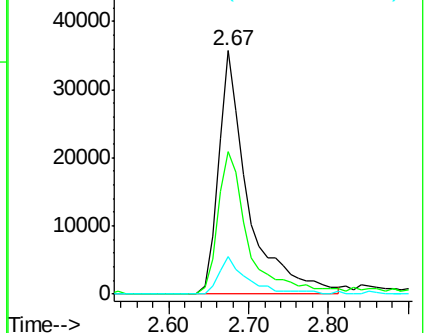
141 15.5 12.1 18.1

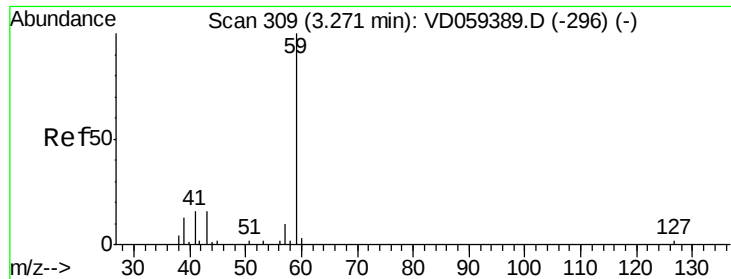


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 92.191 ug/l

RT: 3.25 min Scan# 307

Delta R.T. -0.03 min

Lab File: VD059487.D

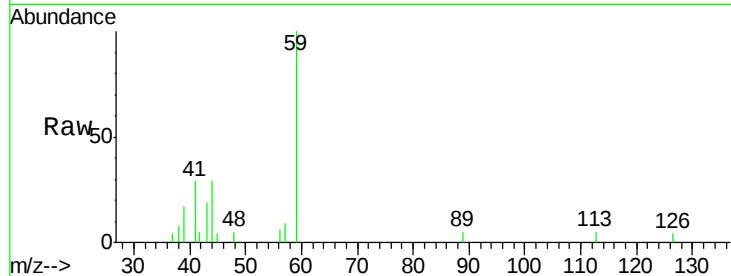
Acq: 29 Jun 2018 13:02

Tot Ion: 59 Resp: 29553

Ion Ratio Lower Upper

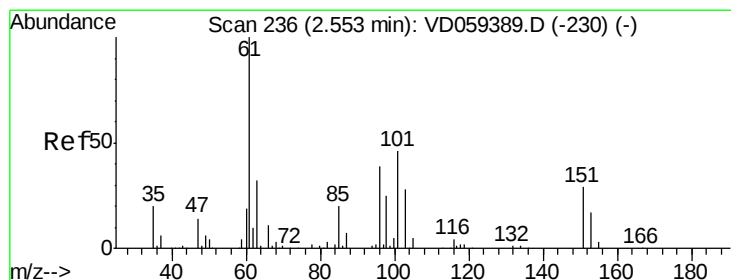
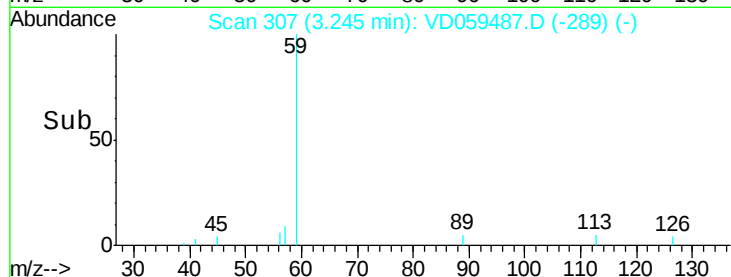
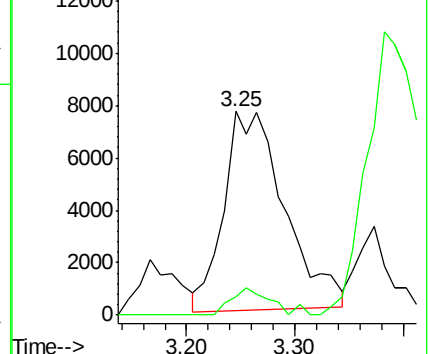
59 100

57 9.0 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: 22.840 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

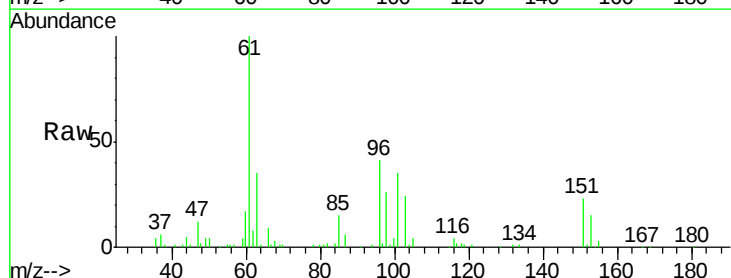
Tgt Ion: 96 Resp: 68191

Ion Ratio Lower Upper

96 100

61 242.4 205.4 308.0

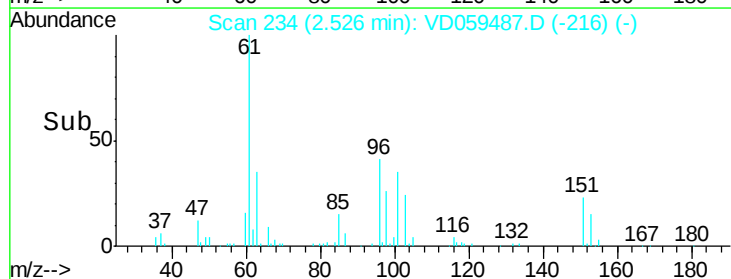
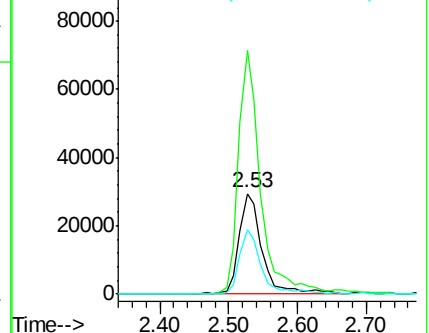
98 63.5 51.0 76.4

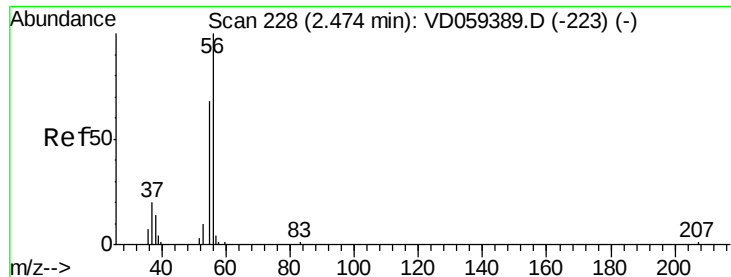


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 105.428 ug/l

RT: 2.46 min Scan# 227

Delta R.T. -0.02 min

Lab File: VD059487.D

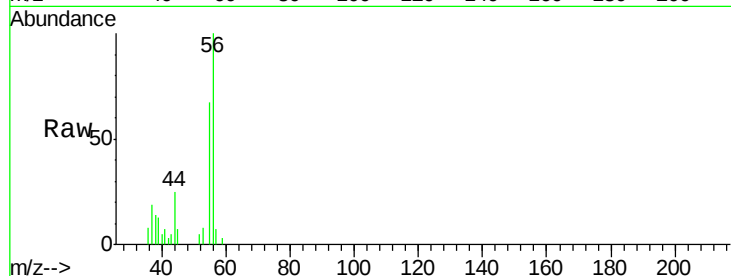
Acq: 29 Jun 2018 13:02

Tot Ion: 56 Resp: 30213

Ion Ratio Lower Upper

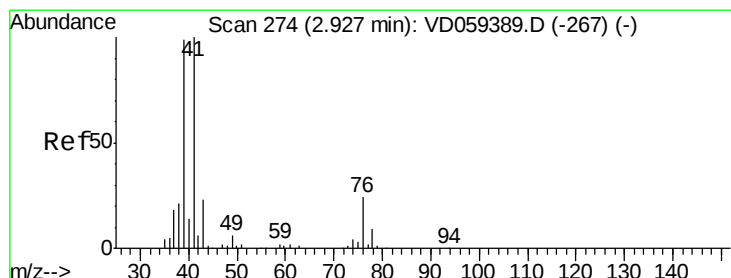
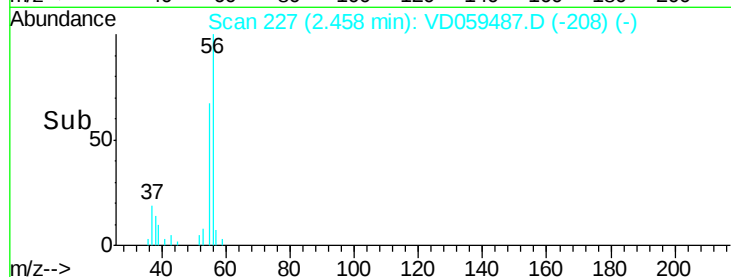
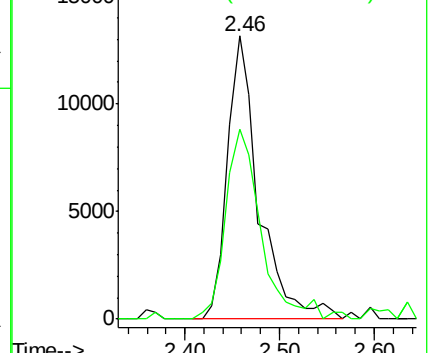
56 100

55 67.2 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.835 ug/l

RT: 2.90 min Scan# 272

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

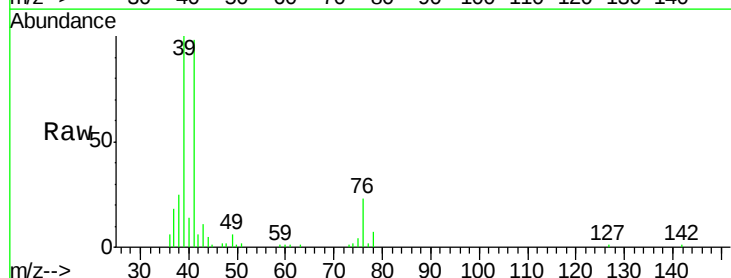
Tgt Ion: 41 Resp: 142380

Ion Ratio Lower Upper

41 100

39 102.3 79.1 118.7

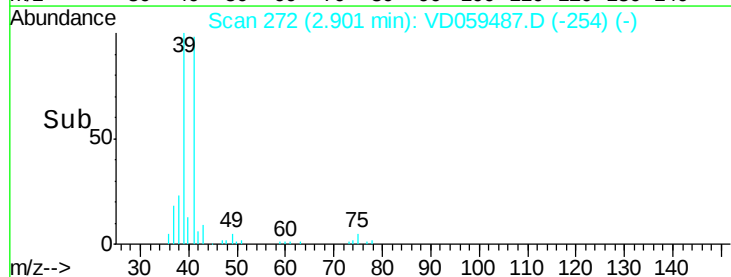
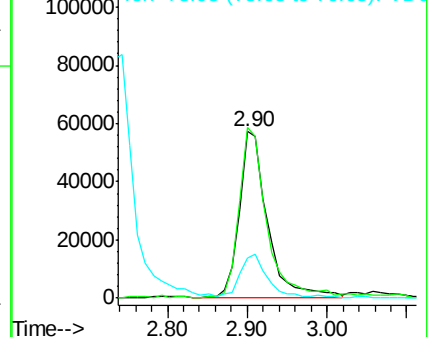
76 23.9 21.9 32.9

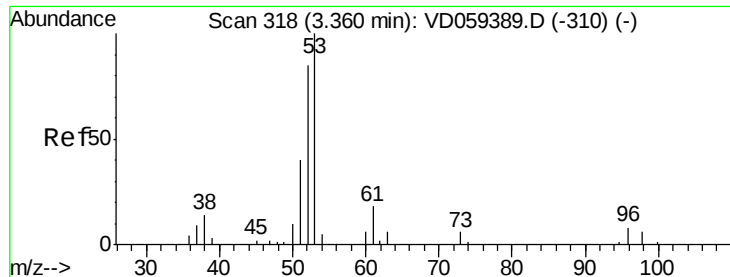


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 88.306 ug/l

RT: 3.34 min Scan# 317

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

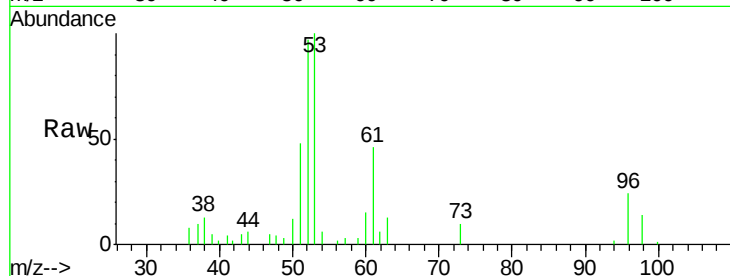
Tot Ion: 53 Resp: 86878

Ion Ratio Lower Upper

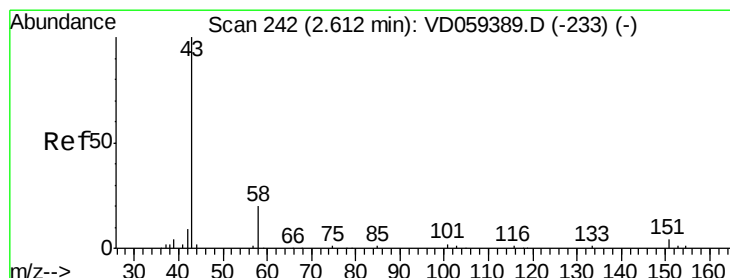
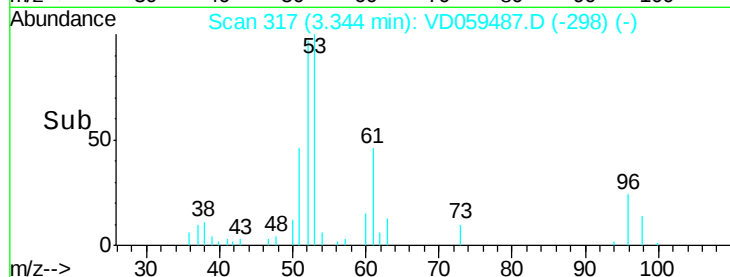
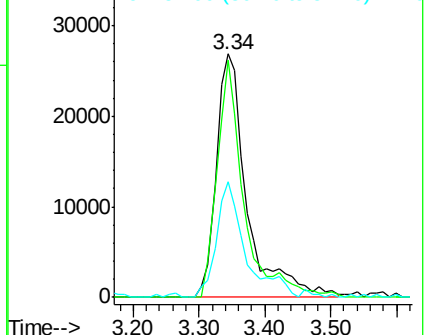
53 100

52 97.5 67.9 101.9

51 47.7 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: 116.243 ug/l

RT: 2.61 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059487.D

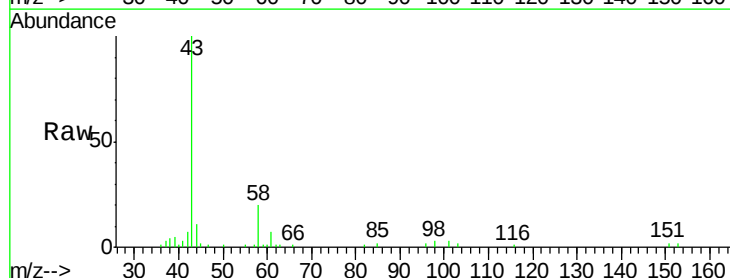
Acq: 29 Jun 2018 13:02

Tgt Ion: 43 Resp: 135942

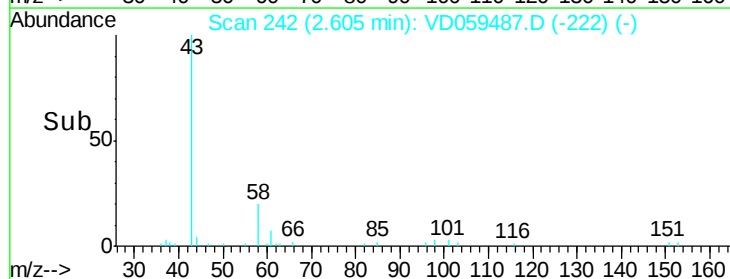
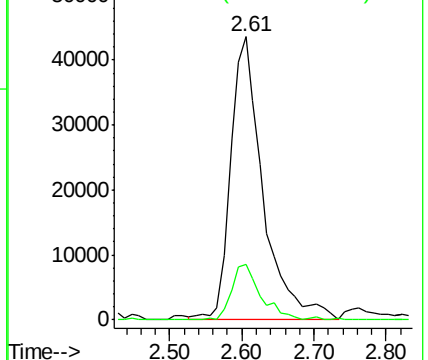
Ion Ratio Lower Upper

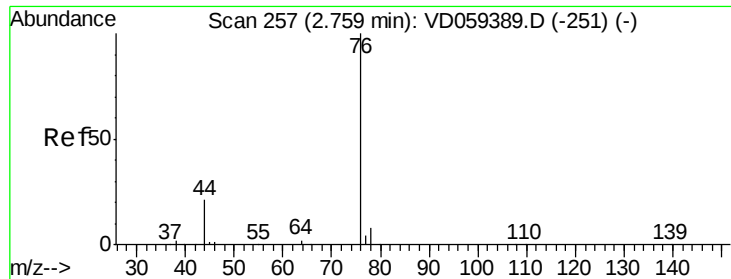
43 100

58 19.6 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: 21.160 ug/l

RT: 2.74 min Scan# 256

Delta R.T. -0.02 min

Lab File: VD059487.D

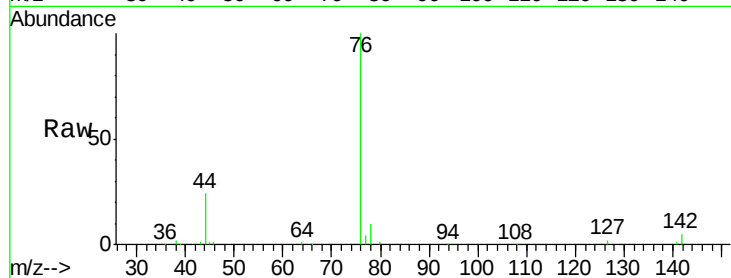
Acq: 29 Jun 2018 13:02

Tot Ion: 76 Resp: 193484

Ion Ratio Lower Upper

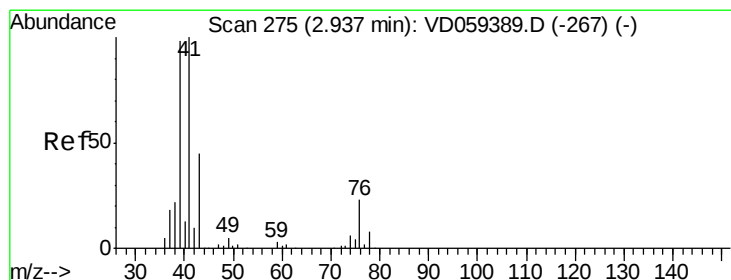
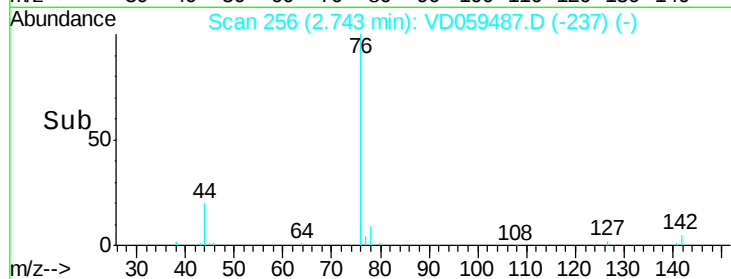
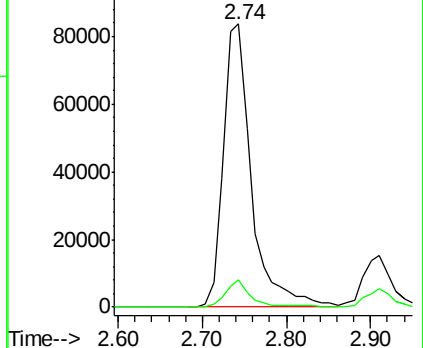
76 100

78 9.6 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: 16.919 ug/l

RT: 2.92 min Scan# 274

Delta R.T. -0.02 min

Lab File: VD059487.D

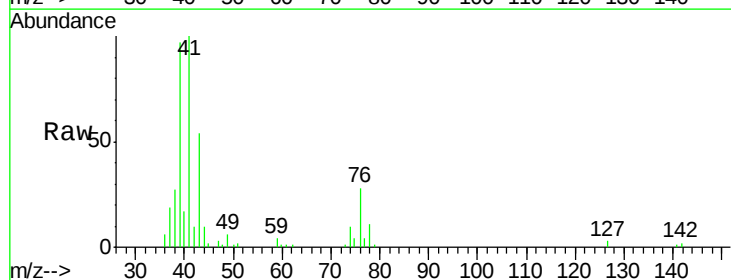
Acq: 29 Jun 2018 13:02

Tgt Ion: 43 Resp: 47112

Ion Ratio Lower Upper

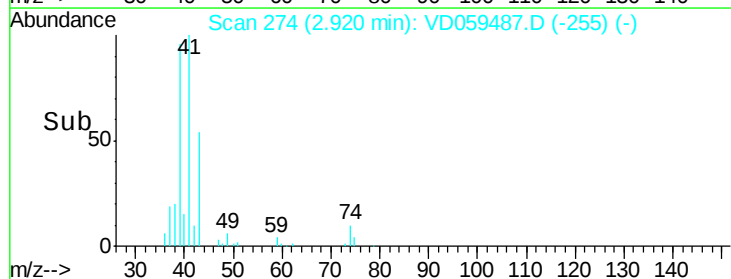
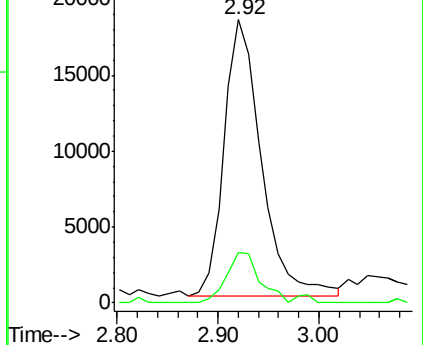
43 100

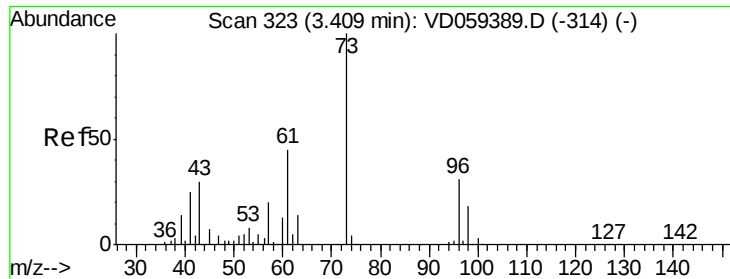
74 17.9 11.0 16.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

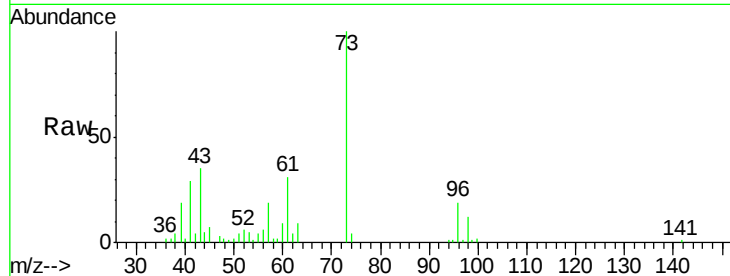




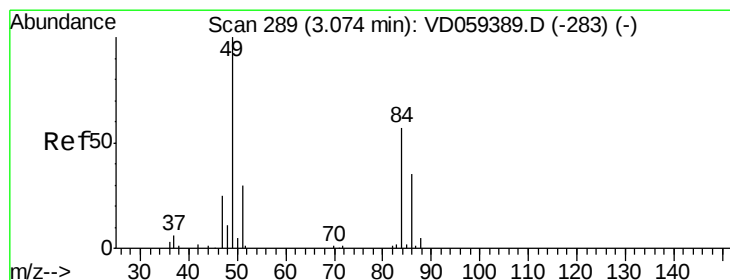
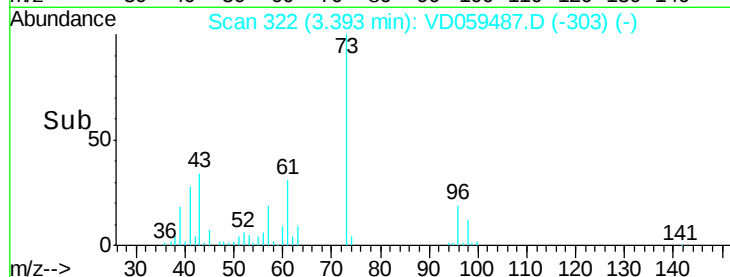
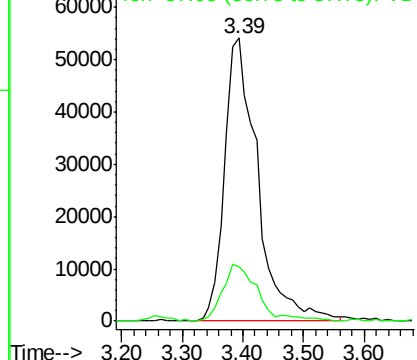
#19

Methyl tert-butyl Ether
 Concen: 13.936 ug/l
 RT: 3.39 min Scan# 322
 Delta R.T. -0.02 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tot Ion: 73 Resp: 204798
 Ion Ratio Lower Upper
 73 100
 57 19.1 16.1 24.1



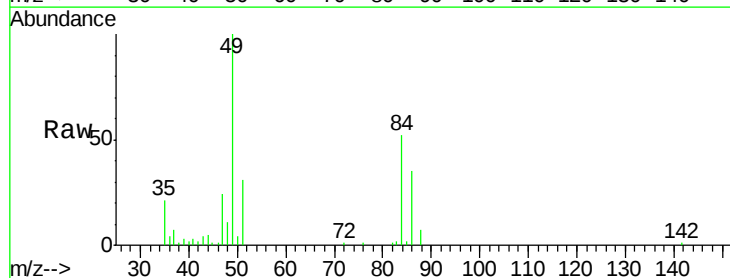
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



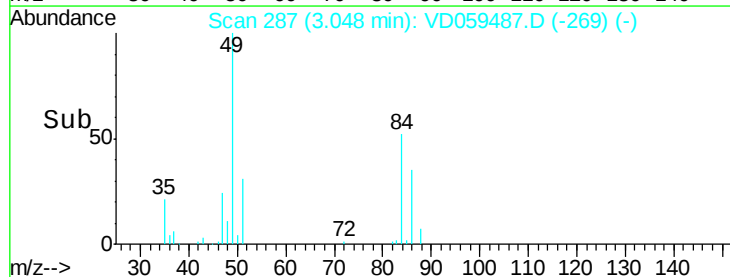
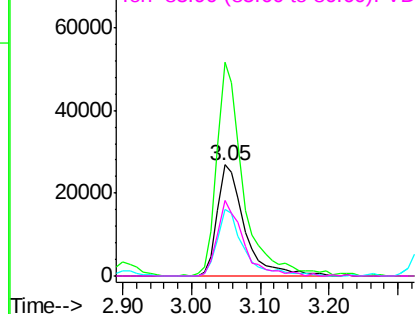
#20

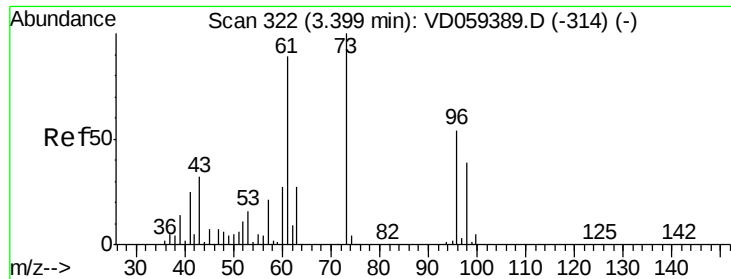
Methylene Chloride
 Concen: 21.297 ug/l
 RT: 3.05 min Scan# 287
 Delta R.T. -0.03 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 84 Resp: 73718
 Ion Ratio Lower Upper
 84 100
 49 192.2 140.3 210.5
 51 60.3 41.6 62.4
 86 67.9 49.4 74.2



Abundance Ion 83.95 (83.65 to 84.65): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 12.970 ug/l

RT: 3.37 min Scan# 320

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

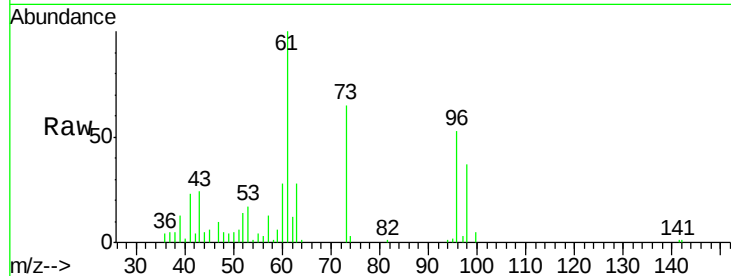
Tot Ion: 96 Resp: 68466

Ion Ratio Lower Upper

96 100

61 189.7 131.0 196.4

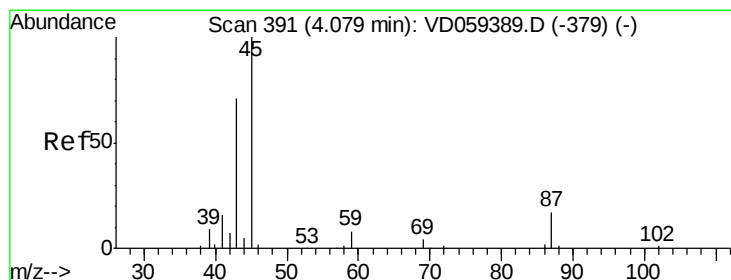
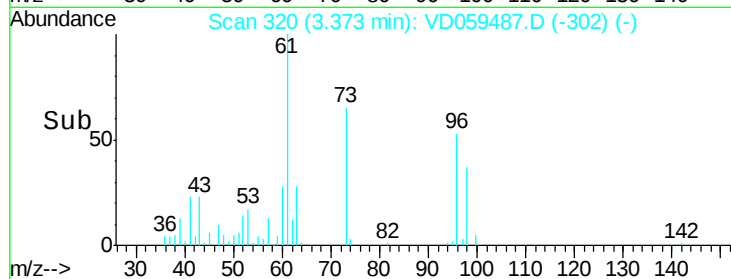
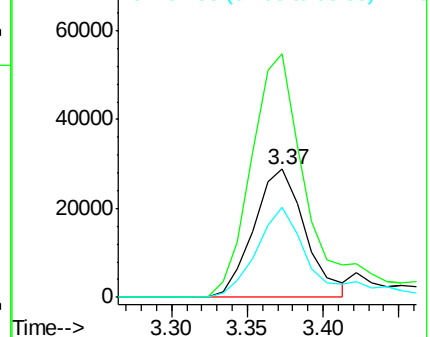
98 70.5 56.8 85.2



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: 21.031 ug/l

RT: 4.05 min Scan# 389

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tgt Ion: 45 Resp: 540756

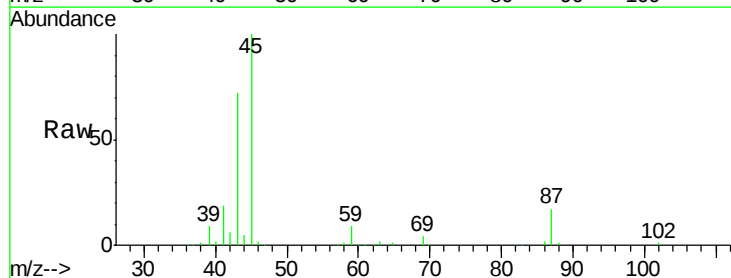
Ion Ratio Lower Upper

45 100

43 72.0 56.9 85.3

87 16.9 14.2 21.4

59 9.0 7.0 10.4

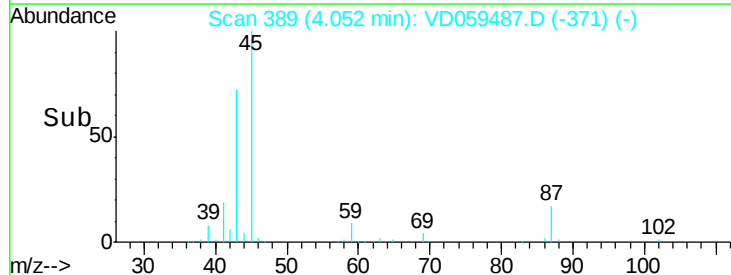
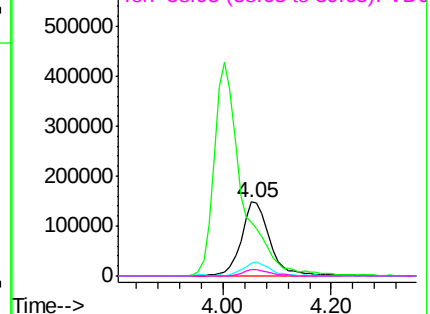


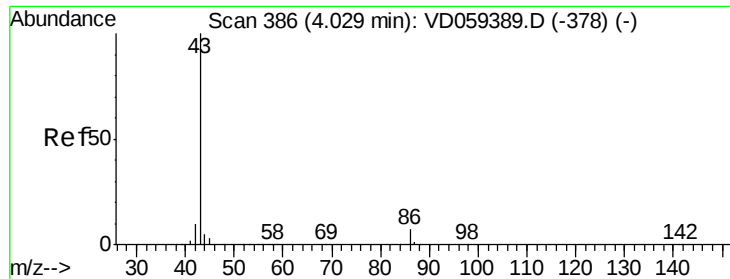
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 113.689 ug/l

RT: 4.00 min Scan# 384

Delta R.T. -0.03 min

Lab File: VD059487.D

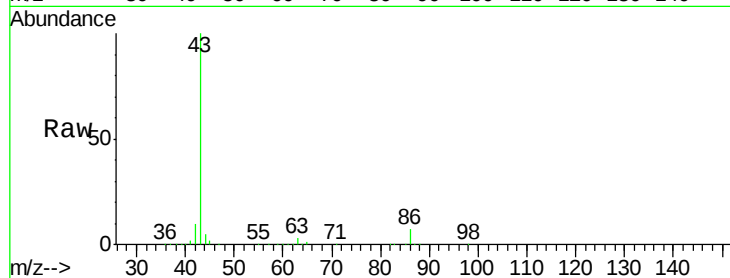
Acq: 29 Jun 2018 13:02

Tot Ion: 43 Resp: 1523040

Ion Ratio Lower Upper

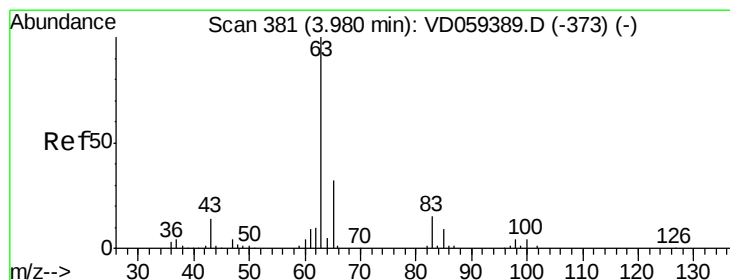
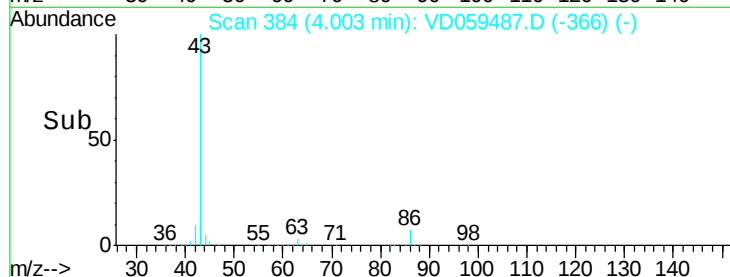
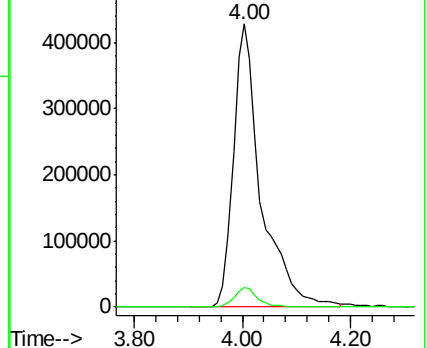
43 100

86 7.0 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.070 ug/l

RT: 3.95 min Scan# 379

Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

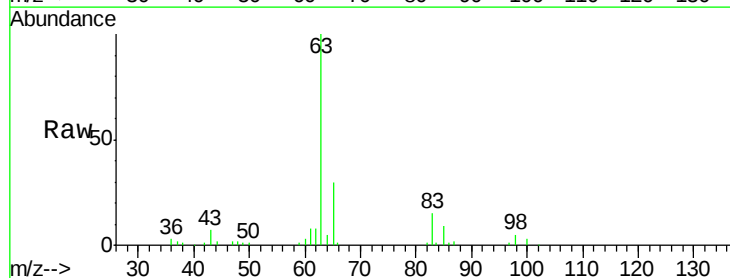
Tgt Ion: 63 Resp: 310006

Ion Ratio Lower Upper

63 100

98 5.3 2.1 6.5

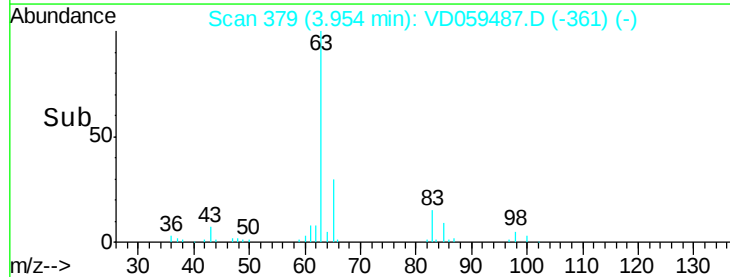
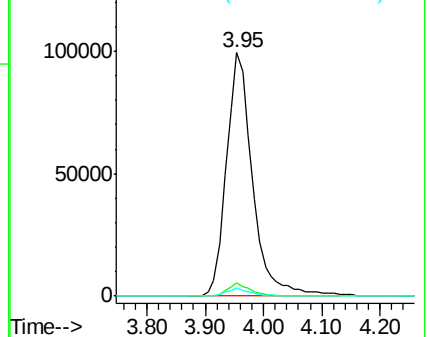
100 3.2 1.8 5.5

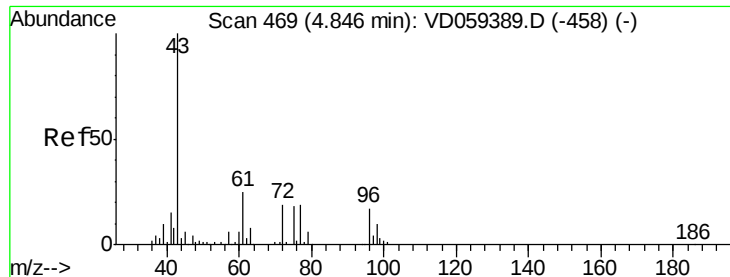


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 107.239 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.02 min

Lab File: VD059487.D

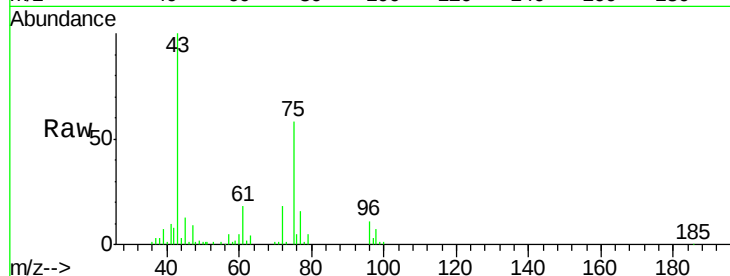
Acq: 29 Jun 2018 13:02

Tot Ion: 43 Resp: 262715

Ion Ratio Lower Upper

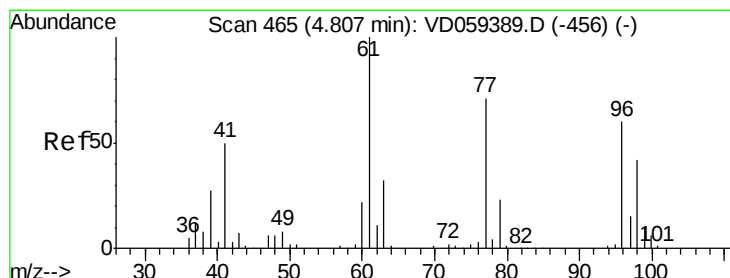
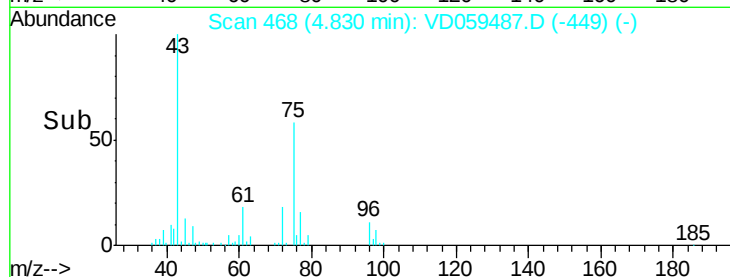
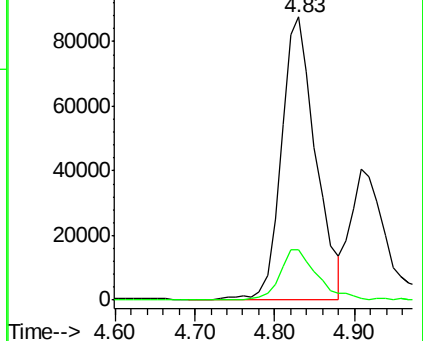
43 100

72 18.0 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: 23.516 ug/l

RT: 4.78 min Scan# 463

Delta R.T. -0.03 min

Lab File: VD059487.D

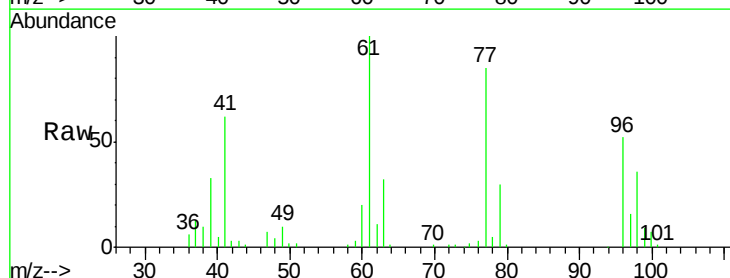
Acq: 29 Jun 2018 13:02

Tgt Ion: 77 Resp: 268312

Ion Ratio Lower Upper

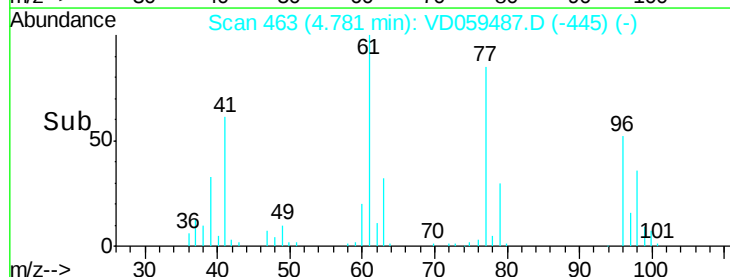
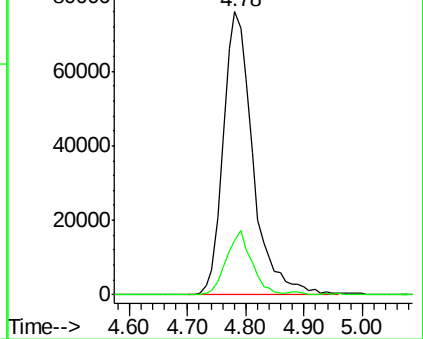
77 100

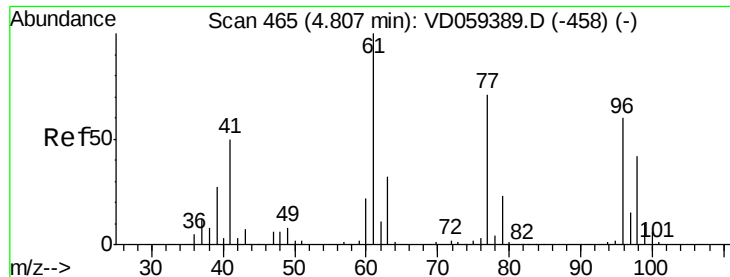
97 19.1 10.7 32.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

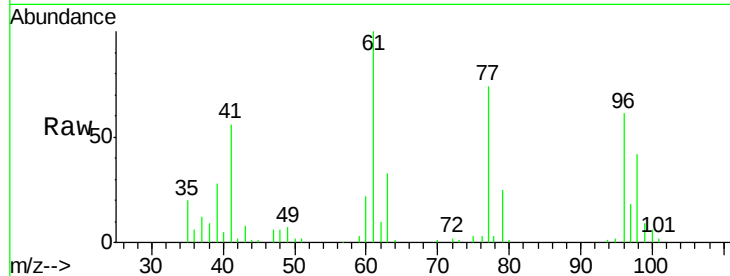
Ion 96.85 (96.55 to 97.55): VDC



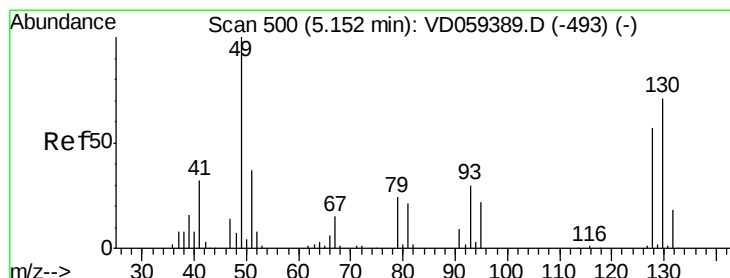
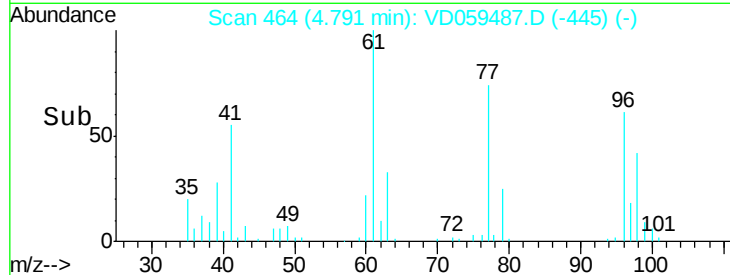
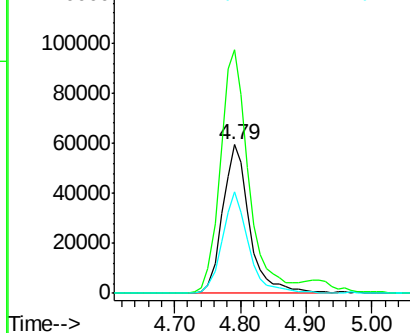


#27
 cis-1,2-Dichloroethene
 Concen: 19.165 ug/l
 RT: 4.79 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tot Ion: 96 Resp: 170011
 Ion Ratio Lower Upper
 96 100
 61 164.0 0.0 335.8
 98 68.6 0.0 141.0

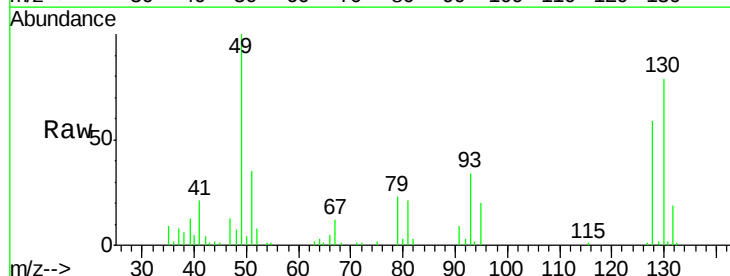


Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC

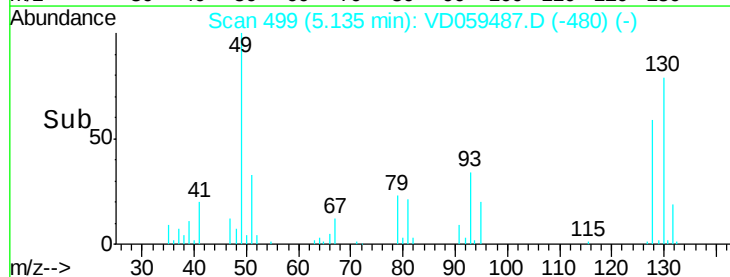
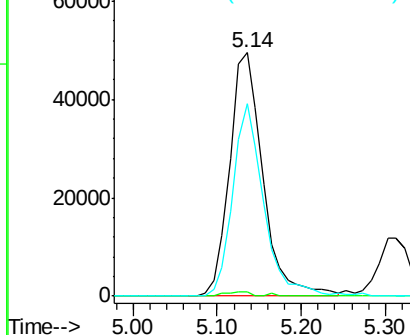


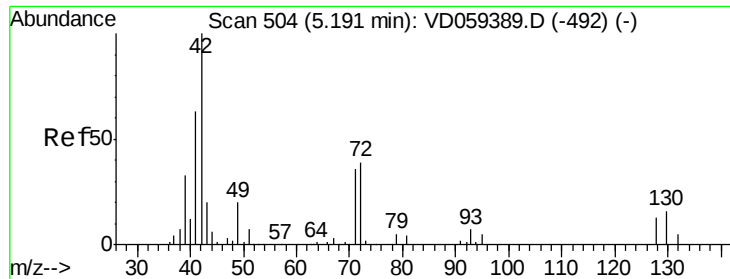
#28
 Bromochloromethane
 Concen: 21.339 ug/l
 RT: 5.14 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 49 Resp: 136114
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.4
 130 79.0 57.0 85.6



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





#29

Tetrahydrofuran

Concen: 94.505 ug/l

RT: 5.17 min Scan# 503

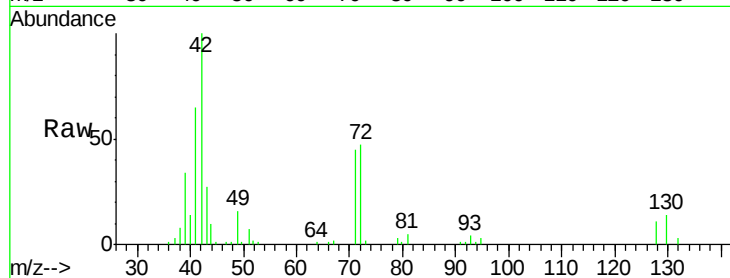
Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tot Ion: 42 Resp: 126638

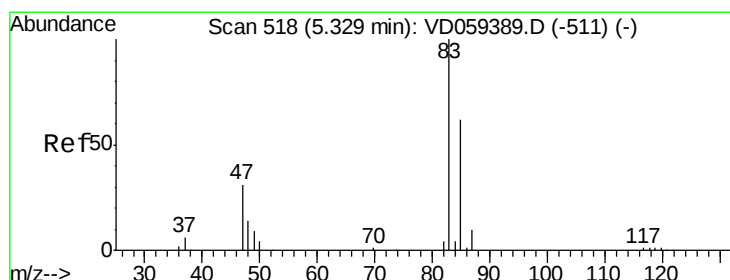
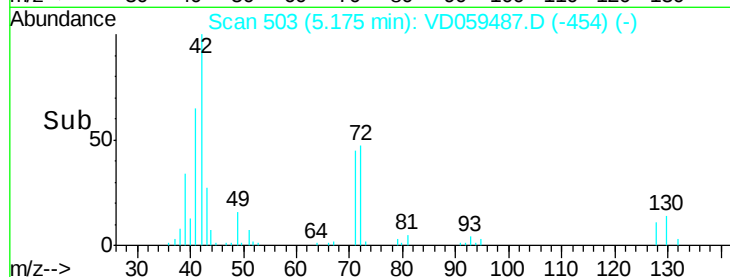
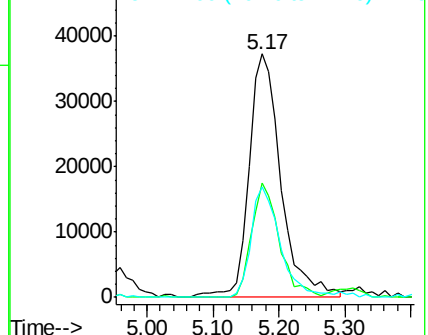
Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.4	47.2
71	41.1	29.7	44.5



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: 20.628 ug/l

RT: 5.31 min Scan# 517

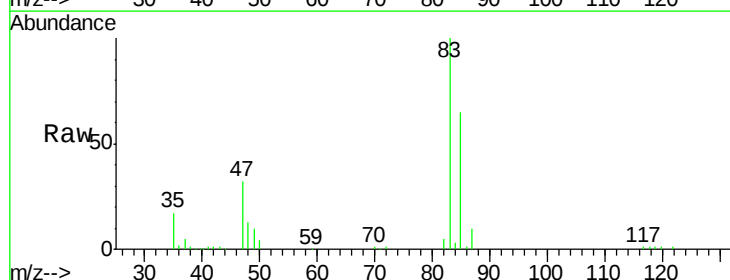
Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

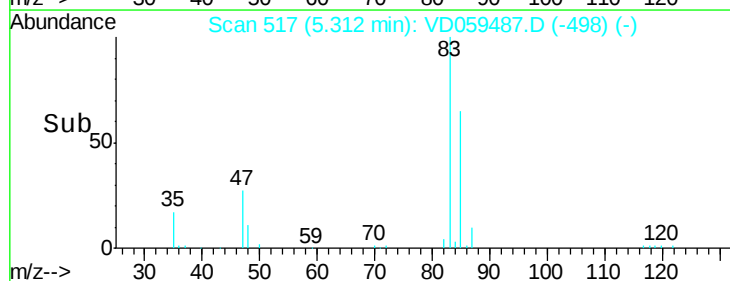
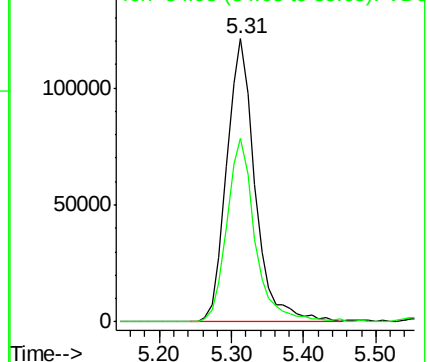
Tgt Ion: 83 Resp: 330801

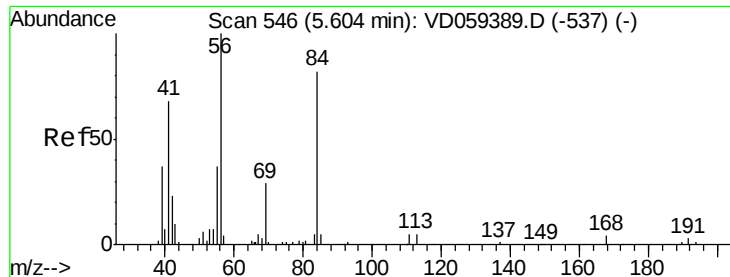
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.3	73.9



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC





#31

Cyclohexane

Concen: 22.552 ug/l

RT: 5.58 min Scan# 544

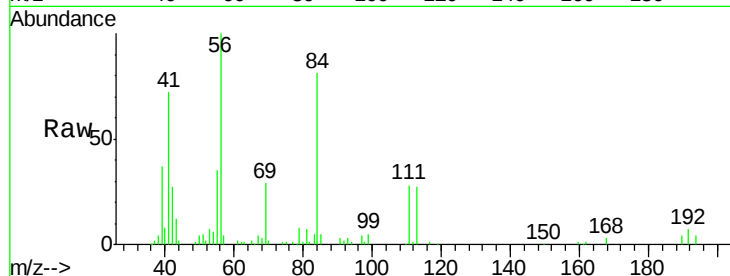
Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tot Ion: 56 Resp: 239736

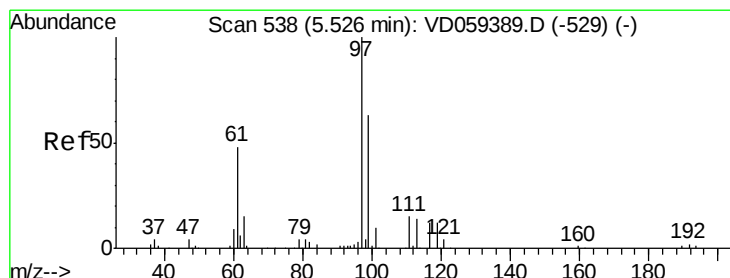
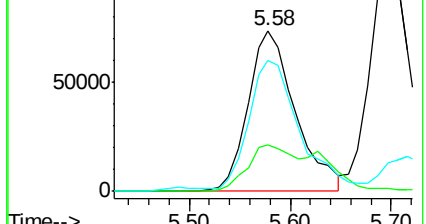
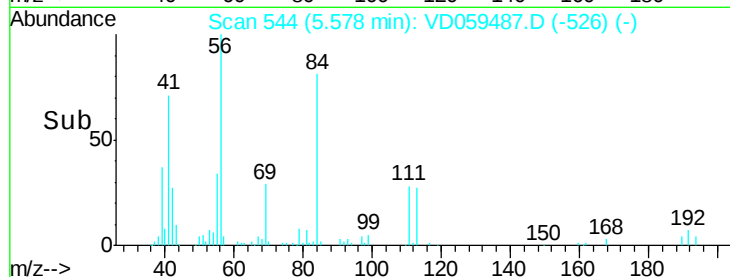
Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.9	34.3
84	81.4	67.3	100.9



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: 21.011 ug/l

RT: 5.50 min Scan# 536

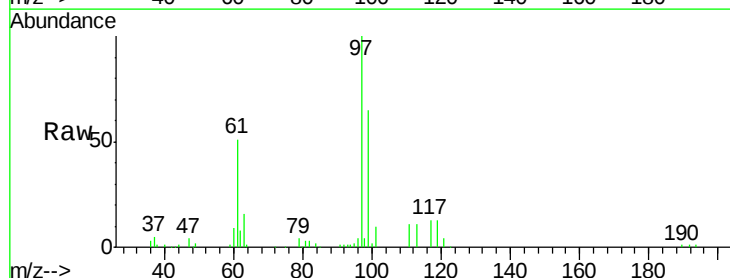
Delta R.T. -0.03 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tgt Ion: 97 Resp: 272844

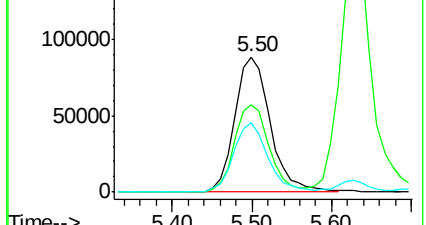
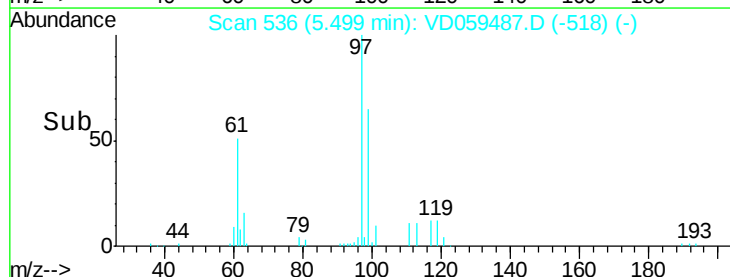
Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.2	75.4
61	51.3	38.6	57.8

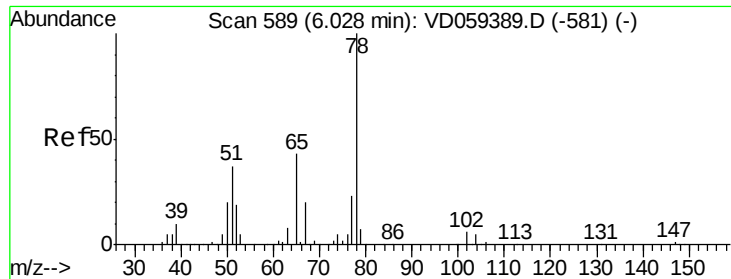


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 21.011 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.02 min

Lab File: VD059487.D

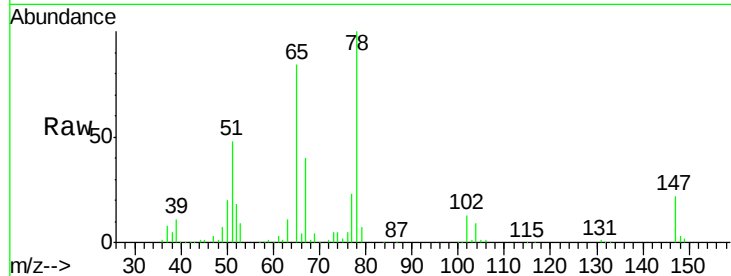
Acq: 29 Jun 2018 13:02

Tot Ion: 65 Resp: 374757

Ion Ratio Lower Upper

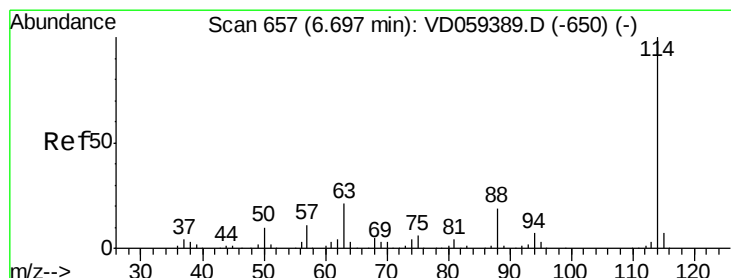
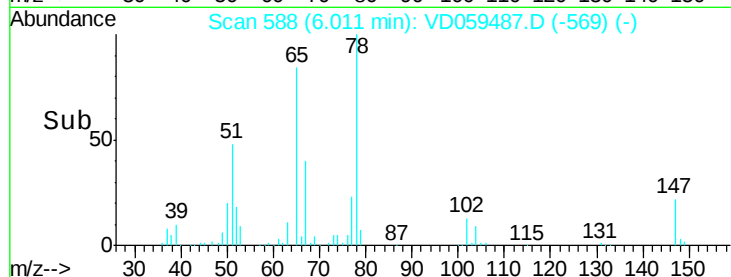
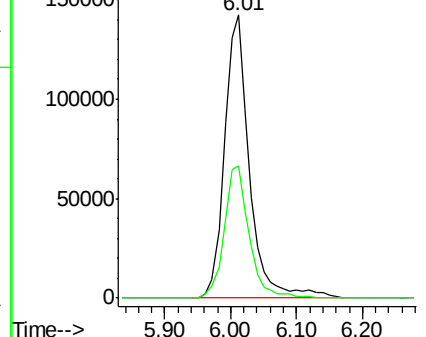
65 100

67 47.0 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: VD059487.D

Acq: 29 Jun 2018 13:02

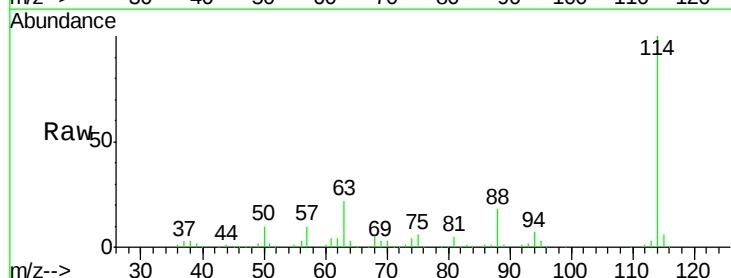
Tgt Ion: 114 Resp: 1127287

Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.4

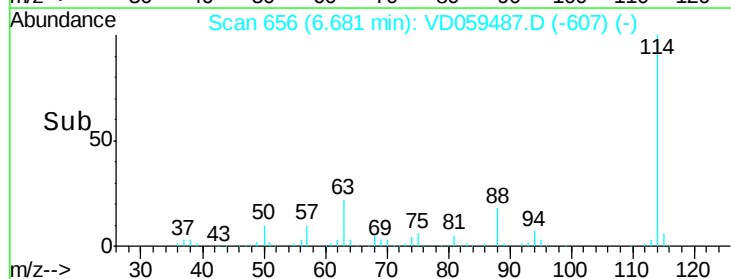
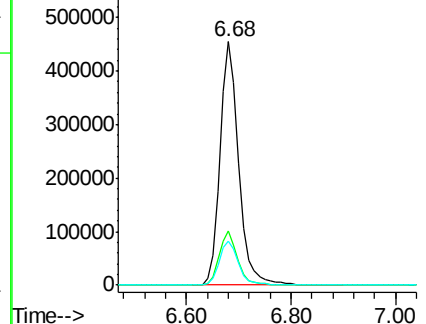
88 18.1 0.0 38.0

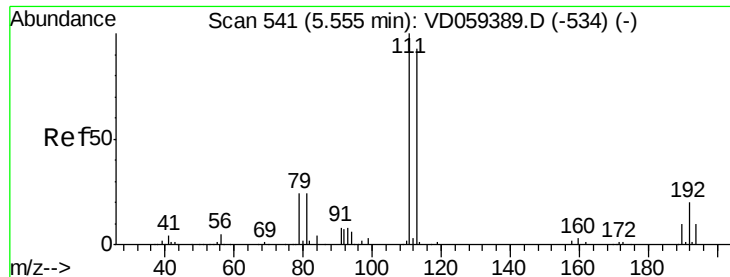


Abundance Ion 114.00 (113.70 to 114.70): V

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: VD059487.D

Acq: 29 Jun 2018 13:02

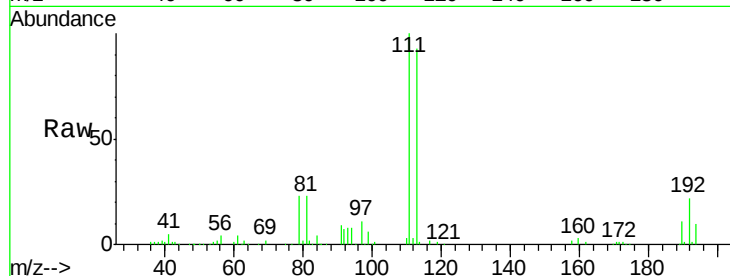
Tot Ion:113 Resp: 396793

Ion Ratio Lower Upper

113 100

111 107.3 85.7 128.5

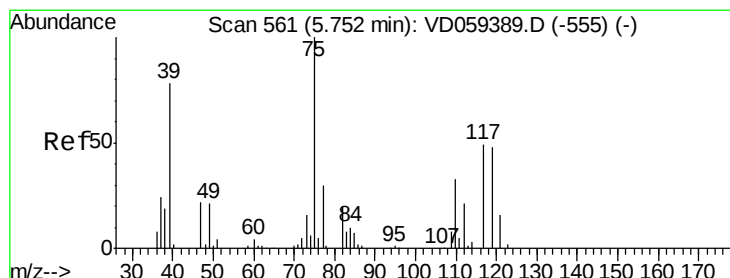
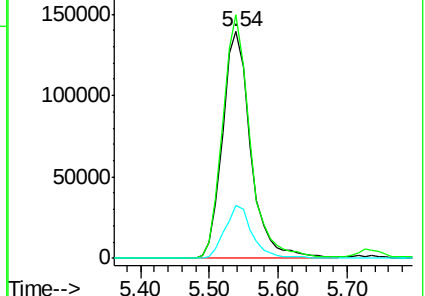
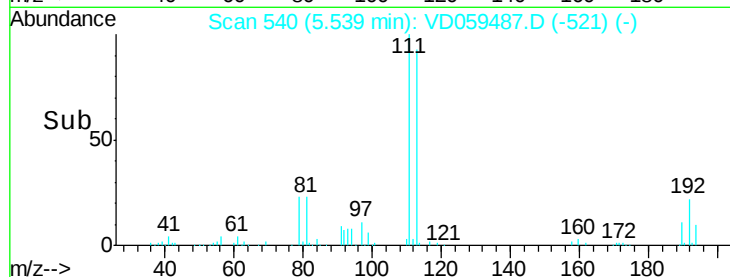
192 23.1 16.9 25.3



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: 22.765 ug/l

RT: 5.74 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

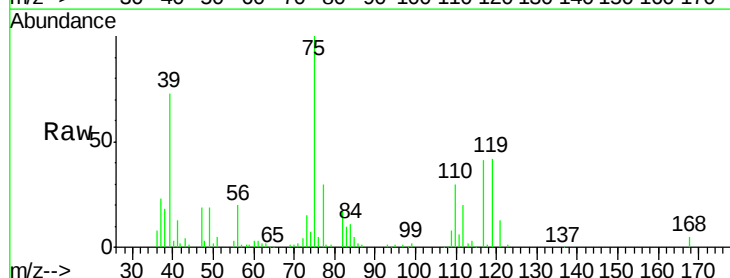
Tgt Ion: 75 Resp: 232793

Ion Ratio Lower Upper

75 100

110 30.2 16.1 48.2

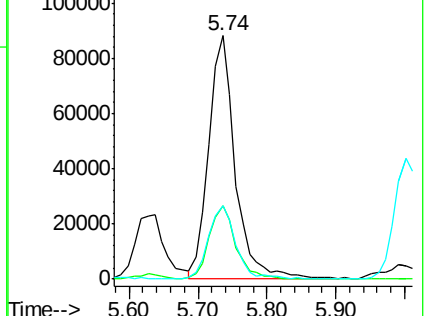
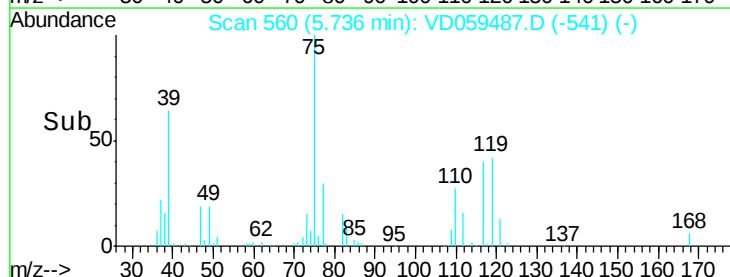
77 29.9 23.4 35.2

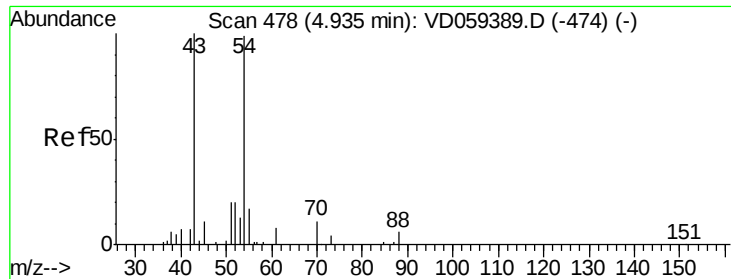


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

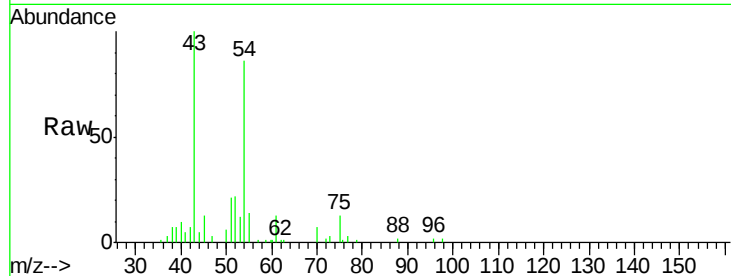
Ion 76.95 (76.65 to 77.65): VDC



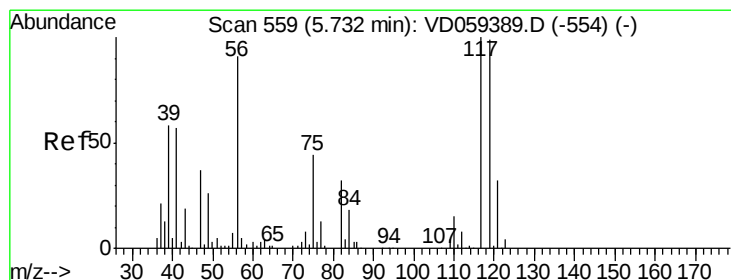
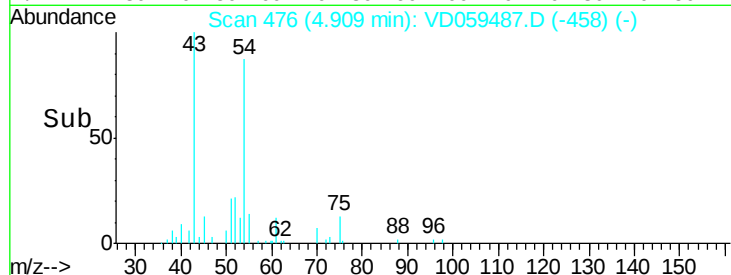
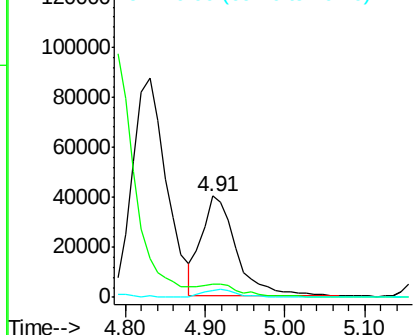


#37
Ethyl Acetate
Concen: 19.222 ug/l
RT: 4.91 min Scan# 476
Delta R.T. -0.03 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion: 43 Resp: 119706
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.8
70 7.3 6.1 9.1

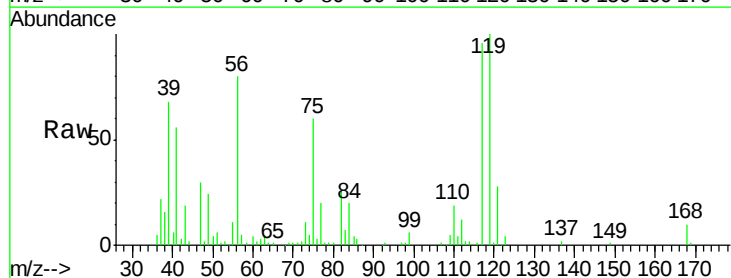


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

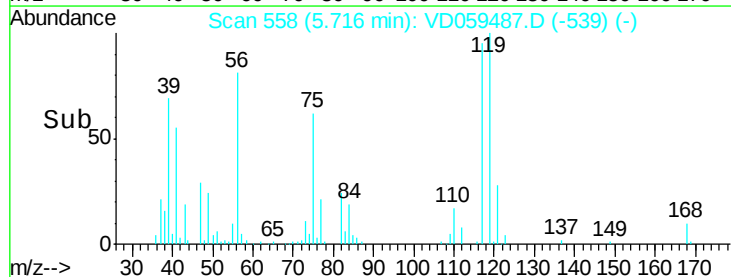
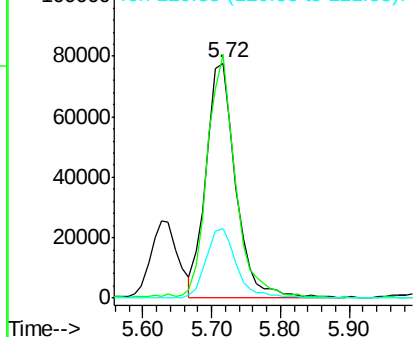


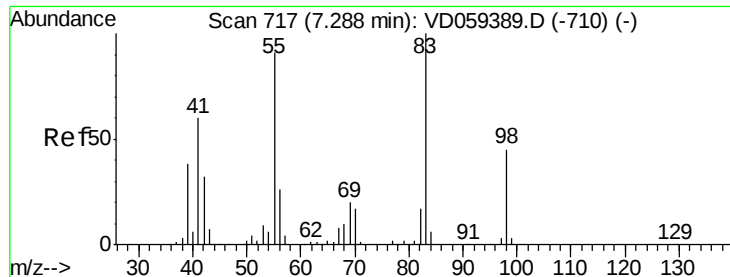
#38
Carbon Tetrachloride
Concen: 21.789 ug/l
RT: 5.72 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 117 Resp: 229727
Ion Ratio Lower Upper
117 100
119 103.7 76.6 115.0
121 29.4 25.0 37.4



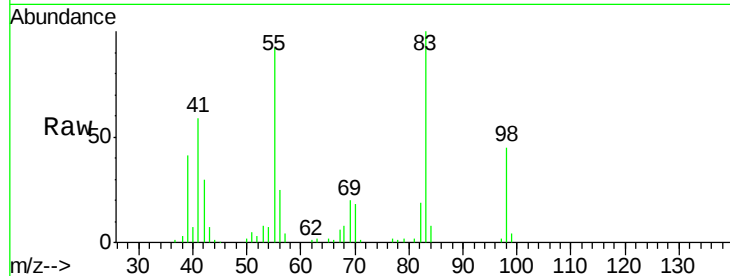
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



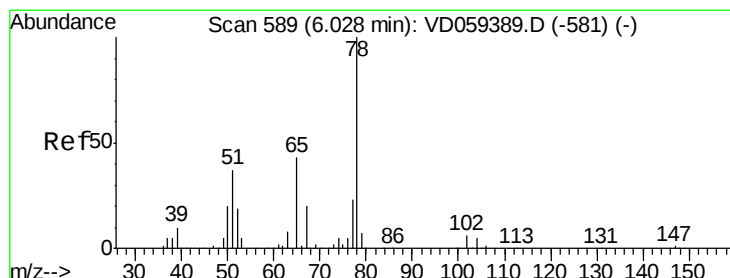
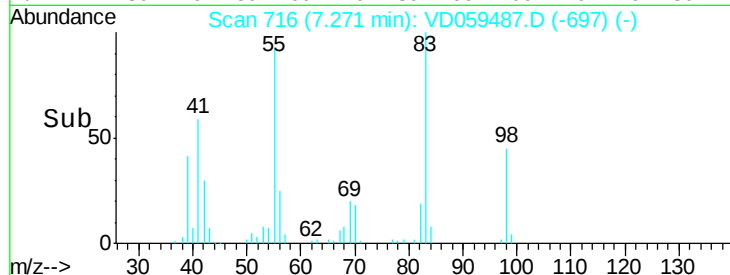
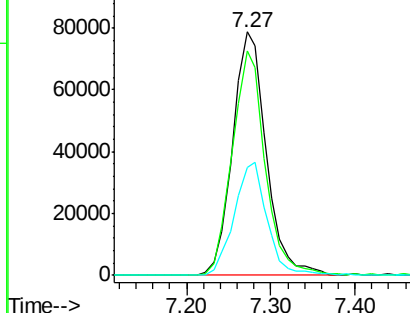


#39
Methvlcvclohexane
Concen: 22.505 ug/l
RT: 7.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion: 83 Resp: 218272
Ion Ratio Lower Upper
83 100
55 92.0 72.6 109.0
98 44.6 35.8 53.6

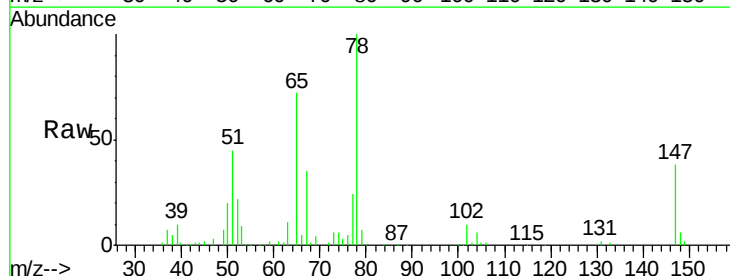


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

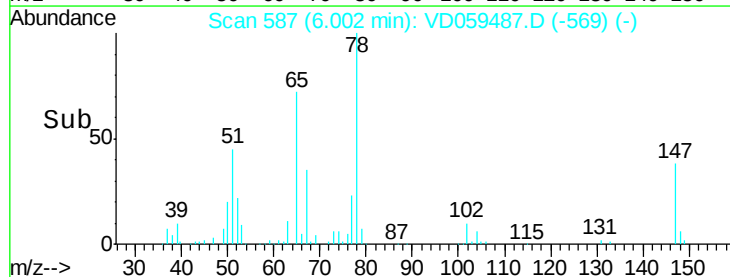
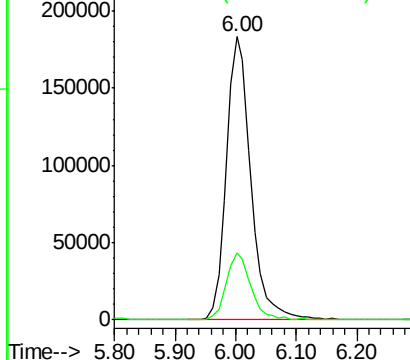


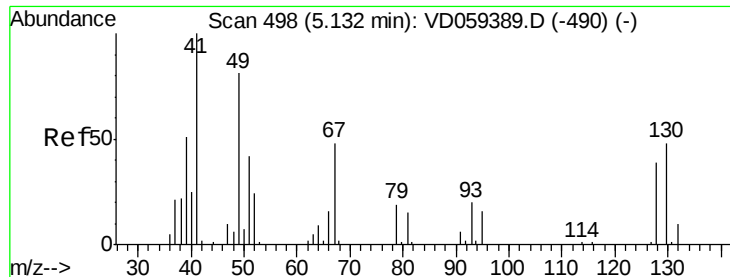
#40
Benzene
Concen: 20.936 ug/l
RT: 6.00 min Scan# 587
Delta R.T. -0.03 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 78 Resp: 513774
Ion Ratio Lower Upper
78 100
77 23.7 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: 17.919 ug/l

RT: 5.12 min Scan# 497

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tot Ion: 41 Resp: 53749

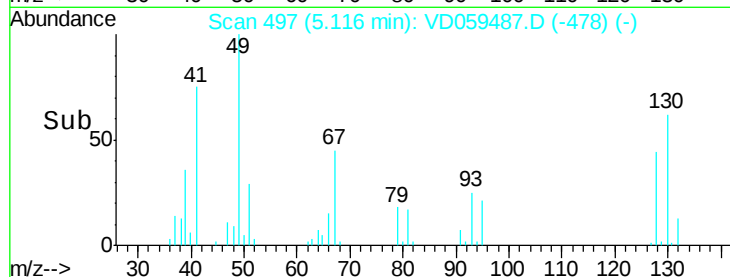
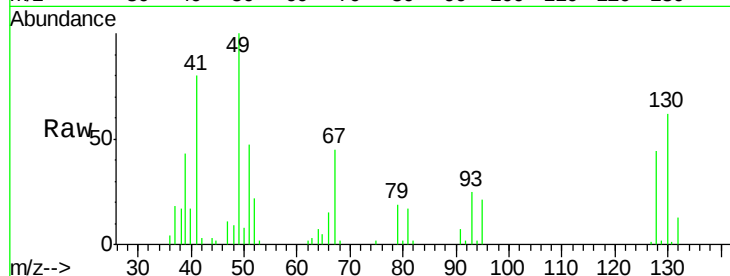
Ion Ratio Lower Upper

41 100

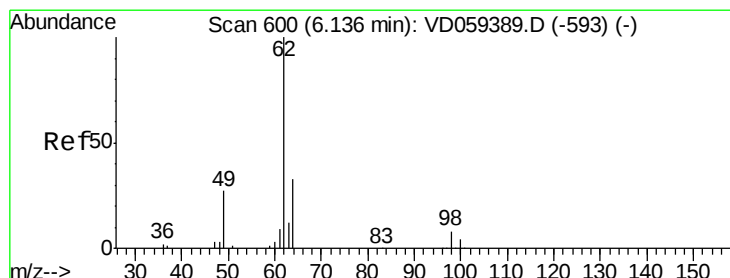
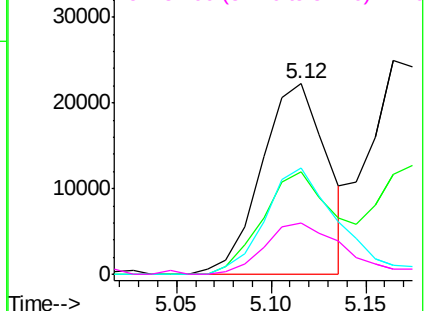
39 53.5 41.5 62.3

67 56.0 38.7 58.1

52 26.9 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: 19.092 ug/l

RT: 6.12 min Scan# 599

Delta R.T. -0.02 min

Lab File: VD059487.D

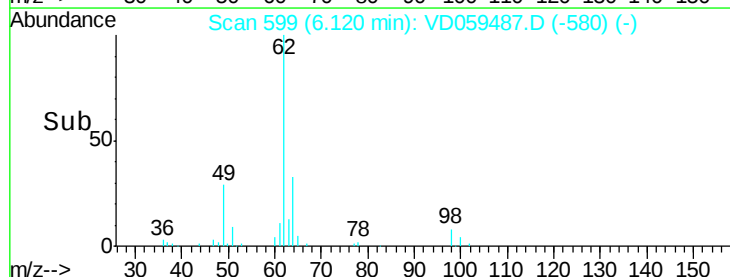
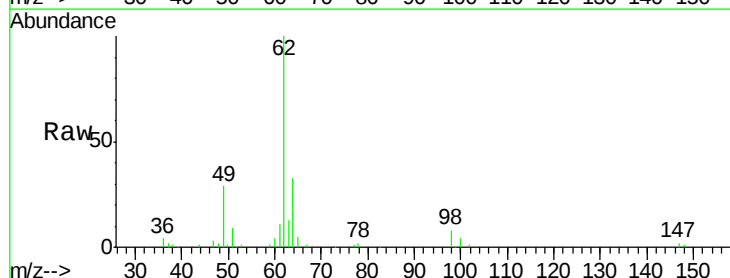
Acq: 29 Jun 2018 13:02

Tgt Ion: 62 Resp: 207015

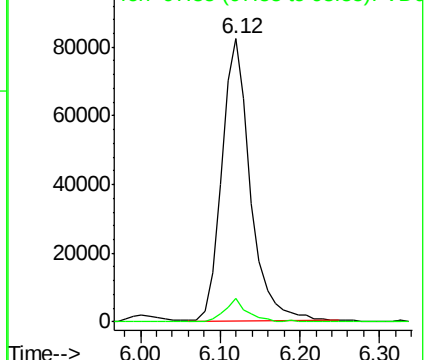
Ion Ratio Lower Upper

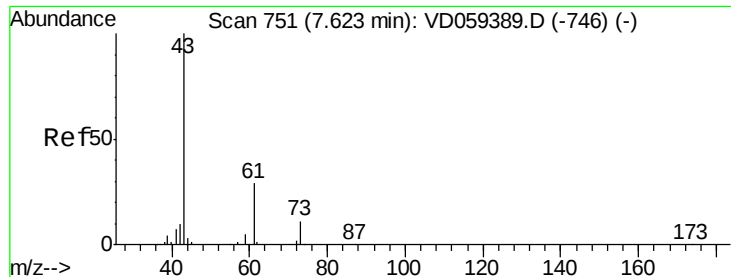
62 100

98 8.3 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: 20.122 ug/l

RT: 7.61 min Scan# 750

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

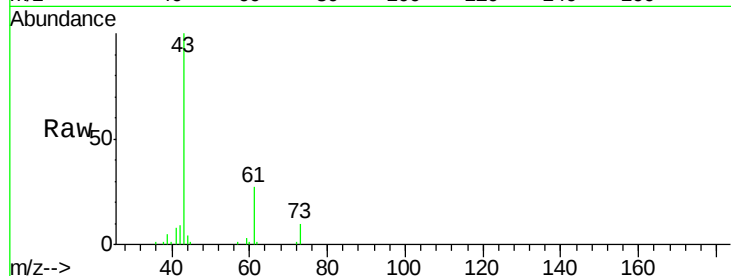
Tot Ion: 43 Resp: 157371

Ion Ratio Lower Upper

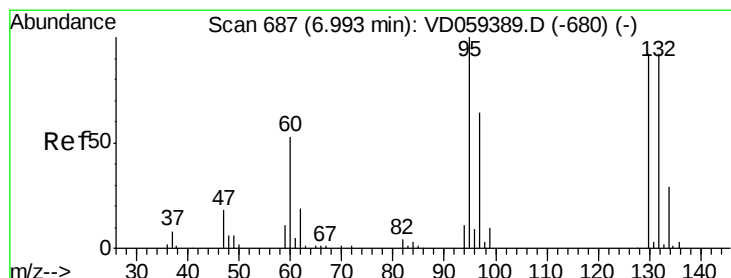
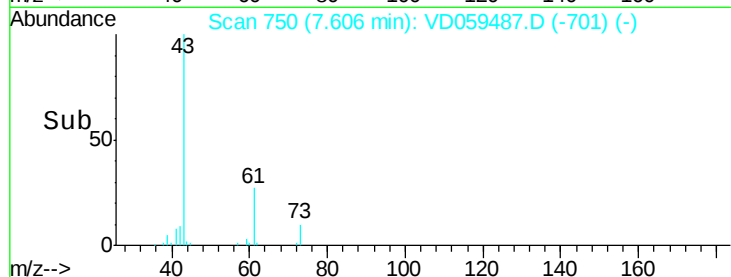
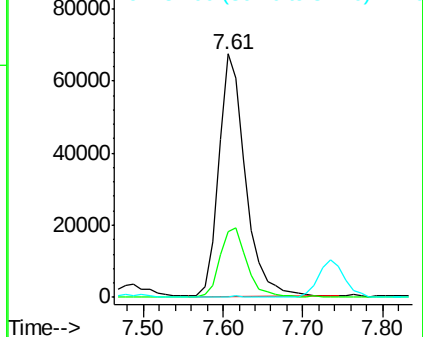
43 100

61 27.0 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: 21.179 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: VD059487.D

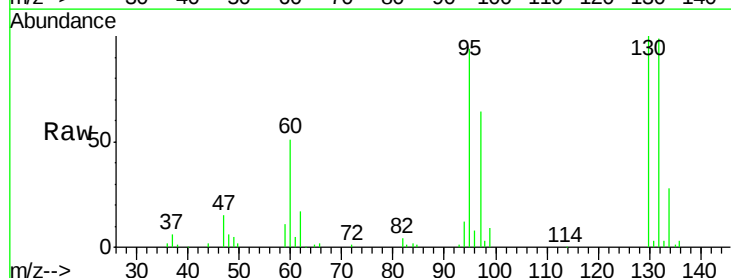
Acq: 29 Jun 2018 13:02

Tgt Ion: 130 Resp: 170177

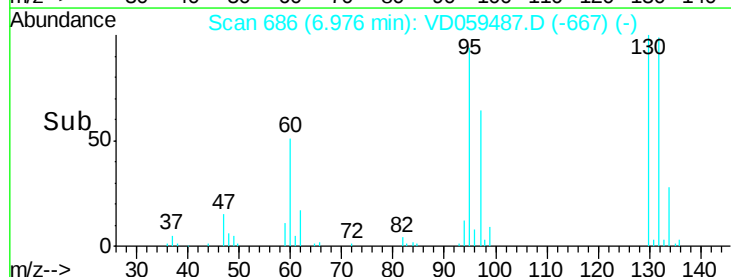
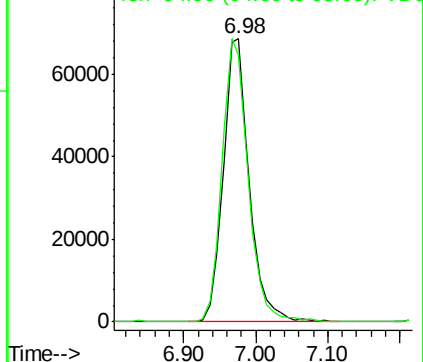
Ion Ratio Lower Upper

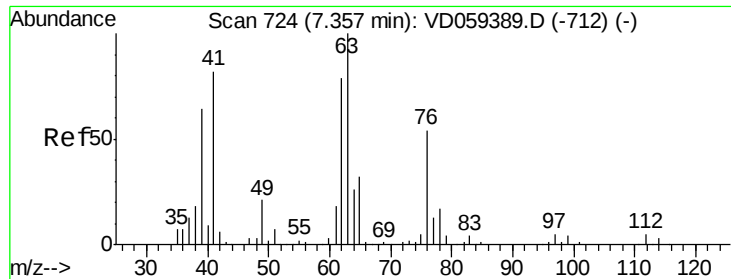
130 100

95 94.4 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: 20.496 ug/l

RT: 7.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: VD059487.D

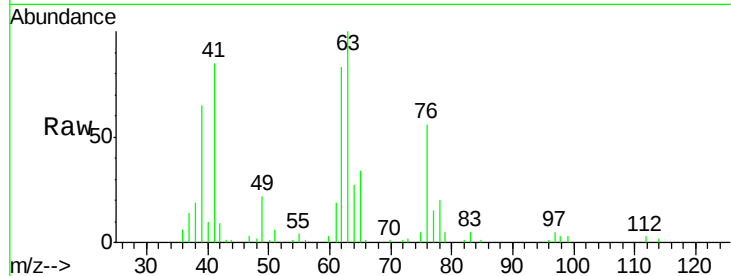
Acq: 29 Jun 2018 13:02

Tot Ion: 63 Resp: 139308

Ion Ratio Lower Upper

63 100

65 33.6 25.7 38.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

7.34

60000

50000

40000

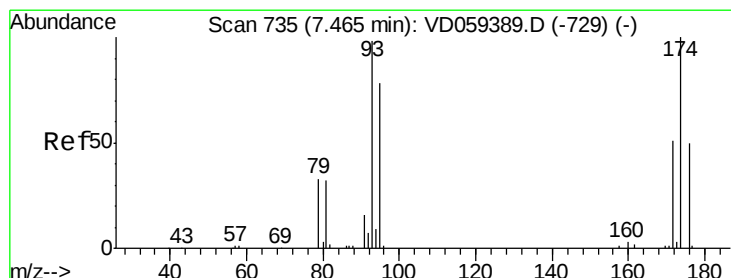
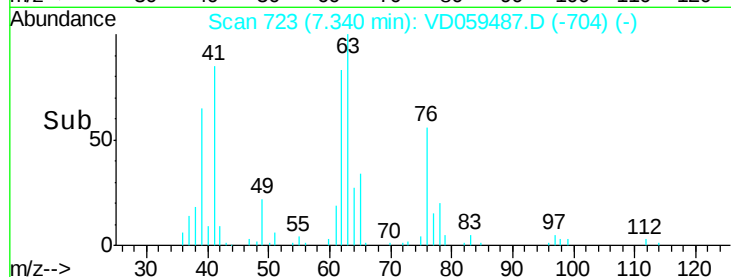
30000

20000

10000

0

Time--> 7.10 7.20 7.30 7.40 7.50



#46

Dibromomethane

Concen: 20.957 ug/l

RT: 7.45 min Scan# 734

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

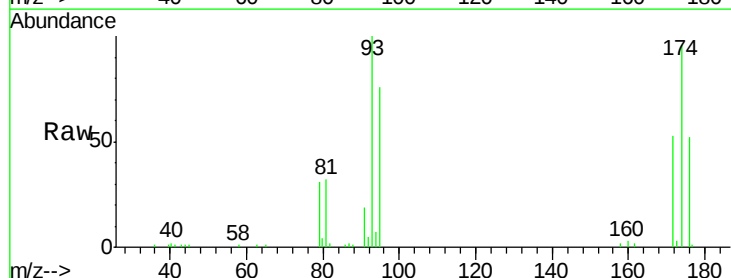
Tgt Ion: 93 Resp: 102439

Ion Ratio Lower Upper

93 100

95 76.0 63.4 95.0

174 96.2 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): VDC

7.45

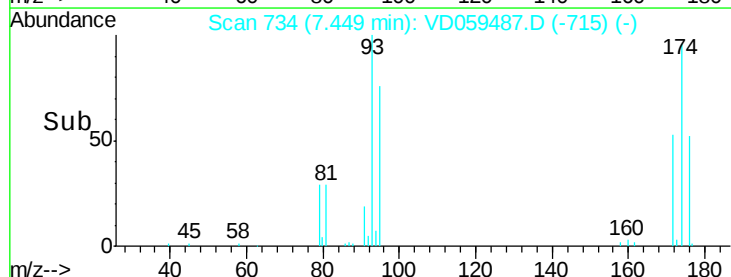
60000

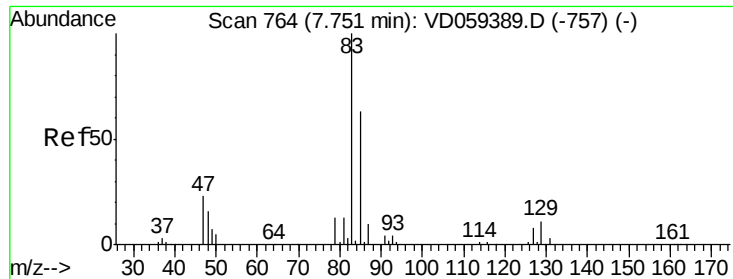
40000

20000

0

Time--> 7.30 7.40 7.50 7.60





#47

Bromodichloromethane

Concen: 20.894 ug/l

RT: 7.73 min Scan# 763

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

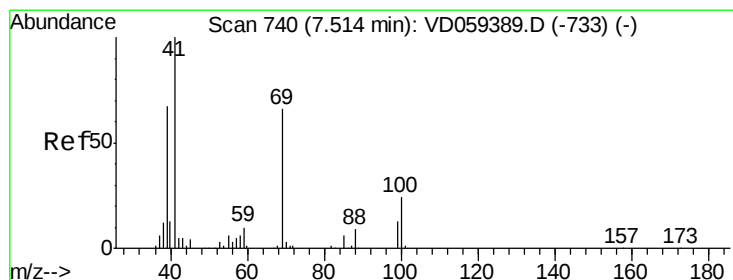
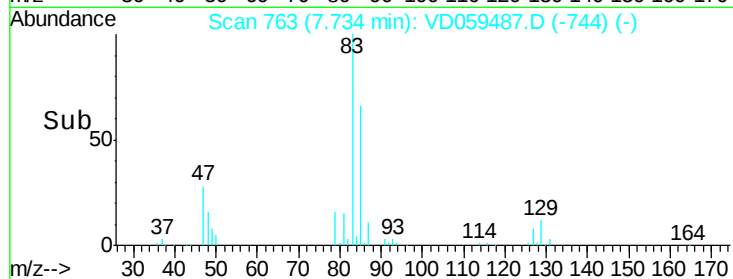
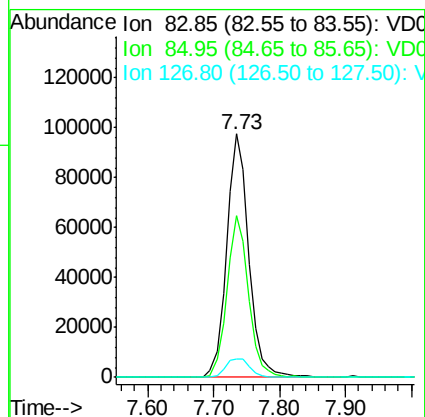
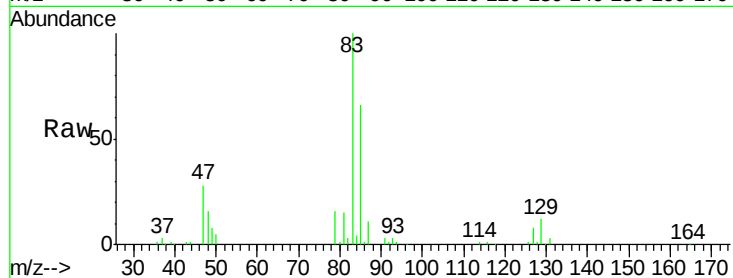
Tot Ion: 83 Resp: 228527

Ion Ratio Lower Upper

83 100

85 66.2 50.1 75.1

127 7.6 6.1 9.1



#48

Methyl methacrylate

Concen: 19.537 ug/l

RT: 7.50 min Scan# 739

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

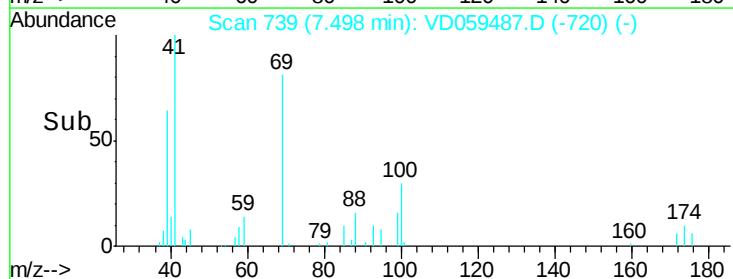
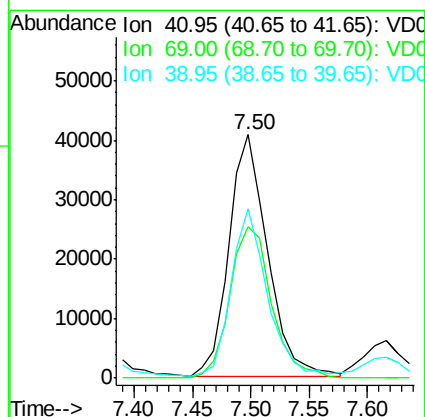
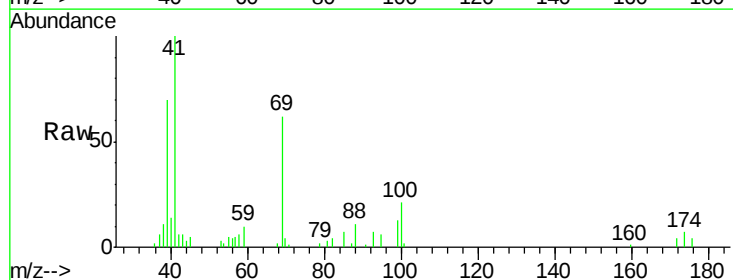
Tgt Ion: 41 Resp: 93088

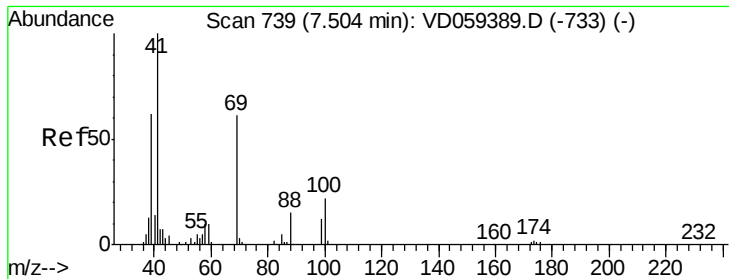
Ion Ratio Lower Upper

41 100

69 62.1 52.6 79.0

39 69.8 53.6 80.4





#49

1,4-Dioxane

Concen: 438.478 ug/l

RT: 7.49 min Scan# 738

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

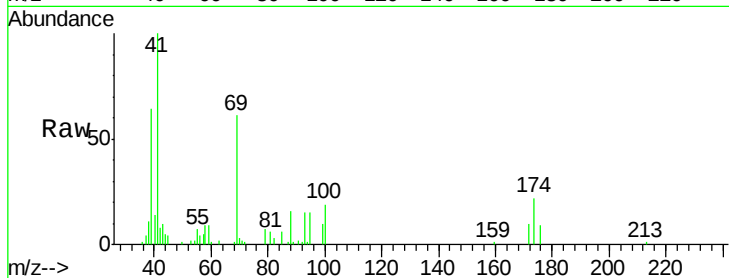
Tot Ion: 88 Resp: 20953

Ion Ratio Lower Upper

88 100

43 64.0 41.0 61.4#

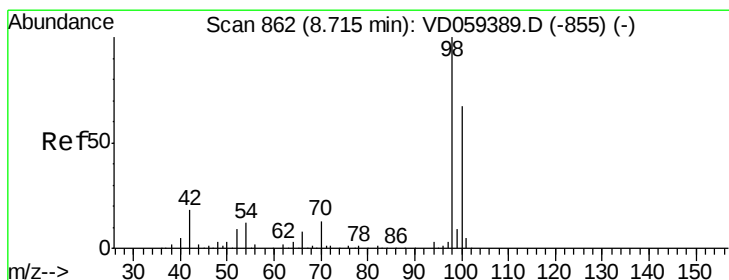
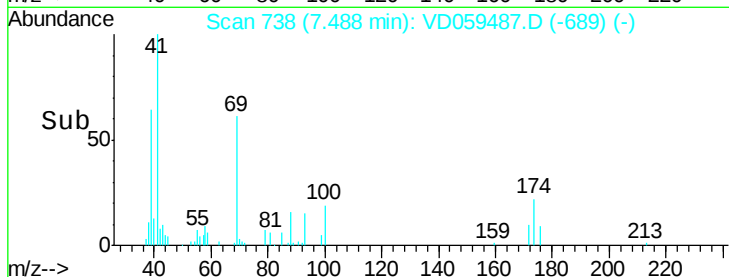
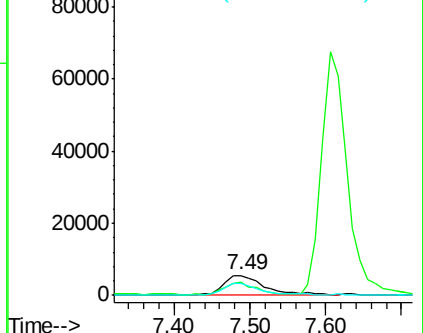
58 57.4 53.4 80.0



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: 438.478 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059487.D

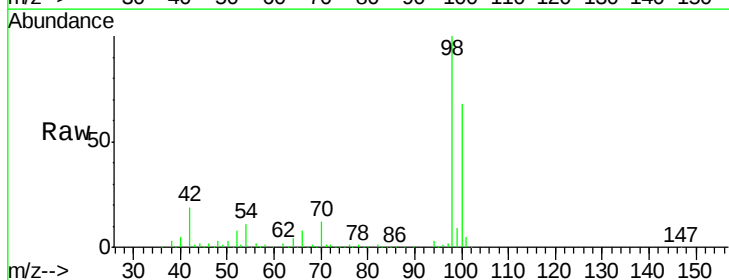
Acq: 29 Jun 2018 13:02

Tgt Ion: 98 Resp: 903521

Ion Ratio Lower Upper

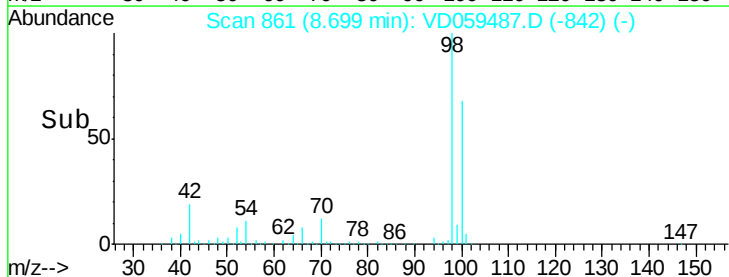
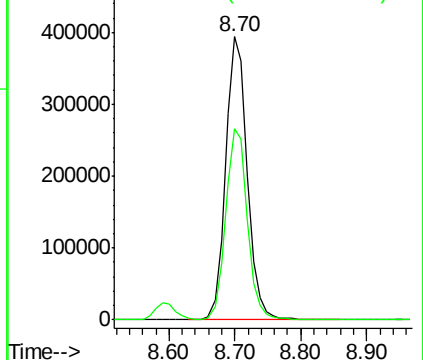
98 100

100 67.8 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: 106.038 ug/l

RT: 8.59 min Scan# 850

Delta R.T. -0.02 min

Lab File: VD059487.D

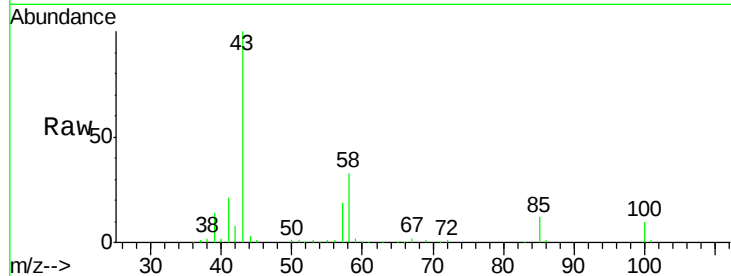
Acq: 29 Jun 2018 13:02

Tot Ion: 43 Resp: 552618

Ion Ratio Lower Upper

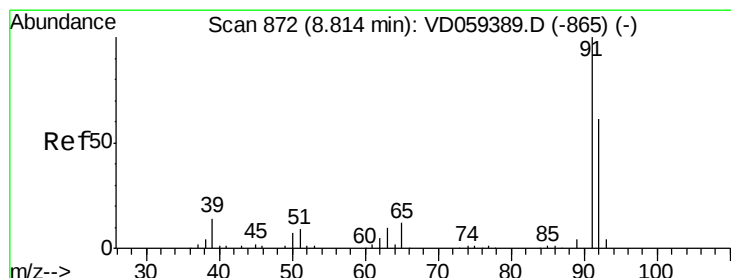
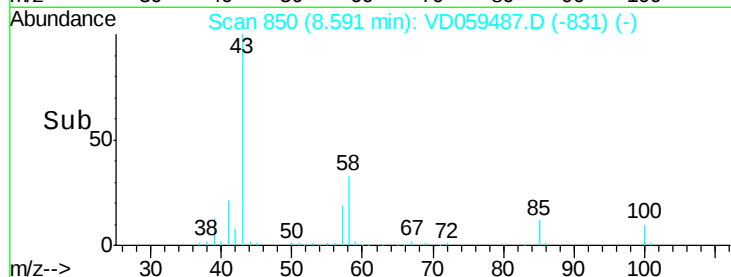
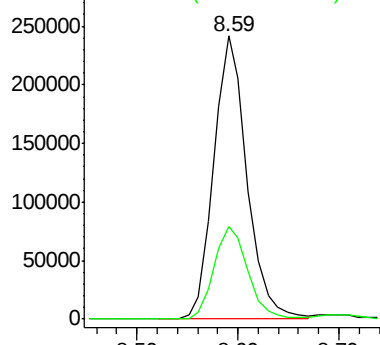
43 100

58 32.8 26.3 39.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 21.208 ug/l

RT: 8.80 min Scan# 871

Delta R.T. -0.02 min

Lab File: VD059487.D

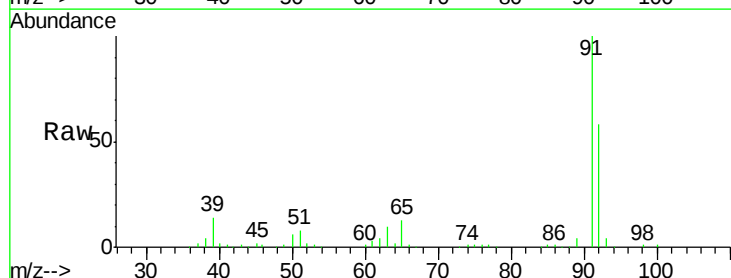
Acq: 29 Jun 2018 13:02

Tgt Ion: 92 Resp: 310829

Ion Ratio Lower Upper

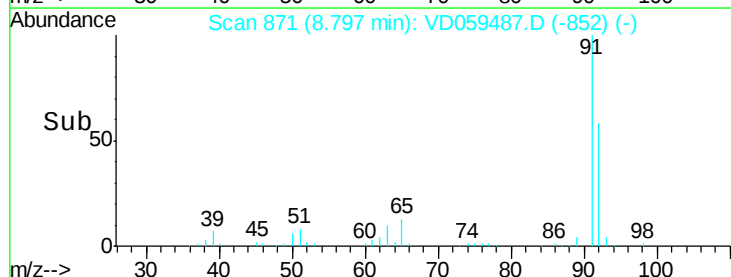
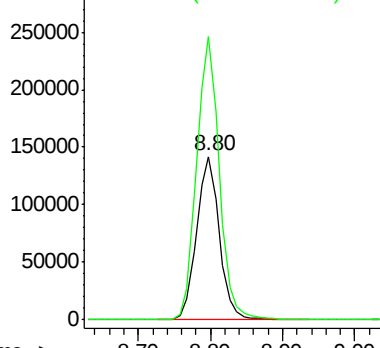
92 100

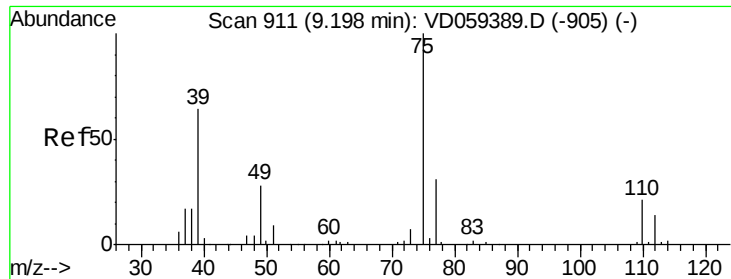
91 173.3 132.2 198.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

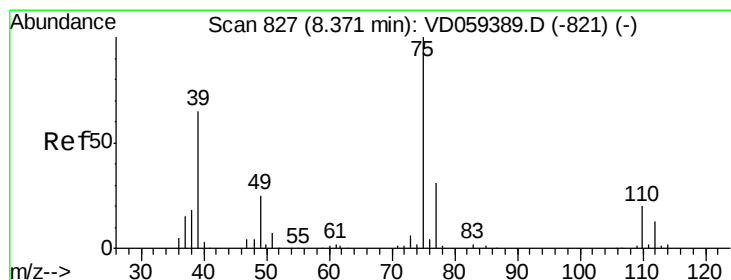
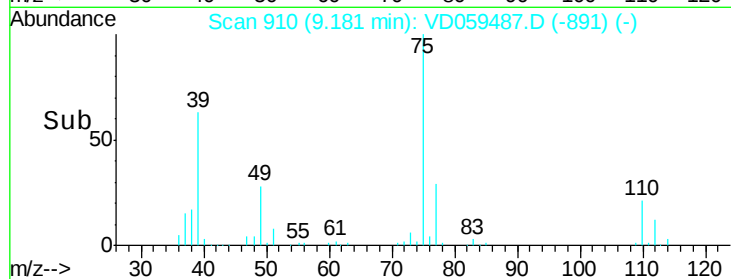
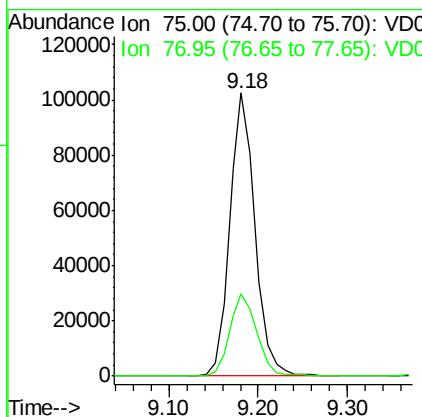
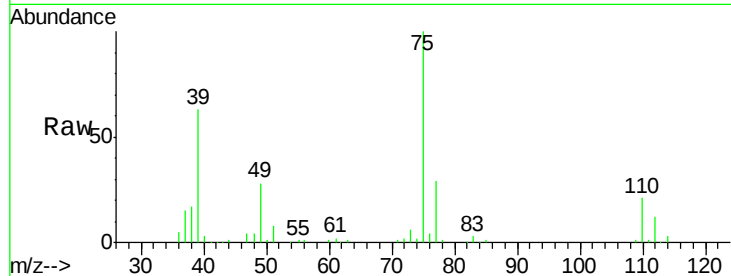
Ion 91.00 (90.70 to 91.70): VDC





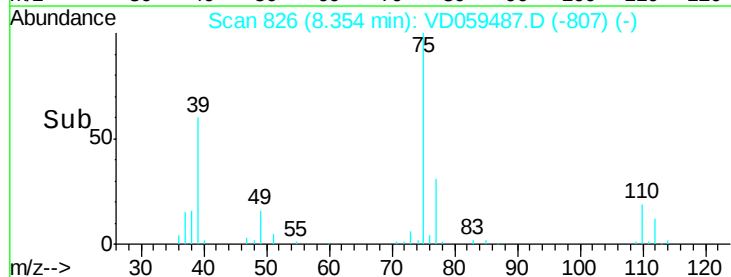
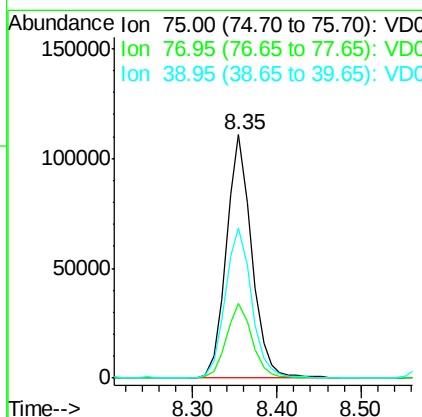
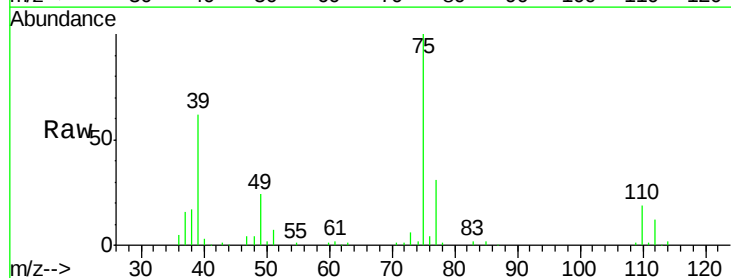
#53
 t-1,3-Dichloropropene
 Concen: 22.230 ug/l
 RT: 9.18 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

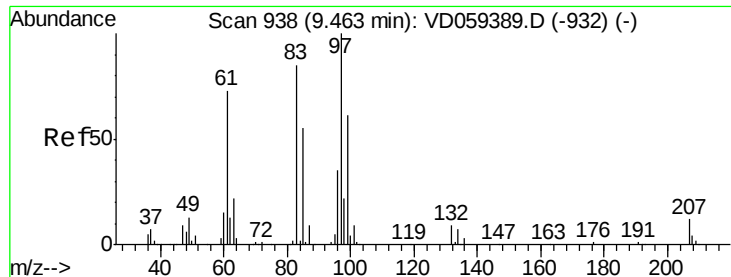
Tot Ion: 75 Resp: 203172
 Ion Ratio Lower Upper
 75 100
 77 29.2 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.837 ug/l
 RT: 8.35 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 75 Resp: 231092
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.7 37.1
 39 61.8 52.2 78.4





#55

1,1,2-Trichloroethane

Concen: 20.226 ug/l

RT: 9.45 min Scan# 937

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tot Ion: 97 Resp: 107621

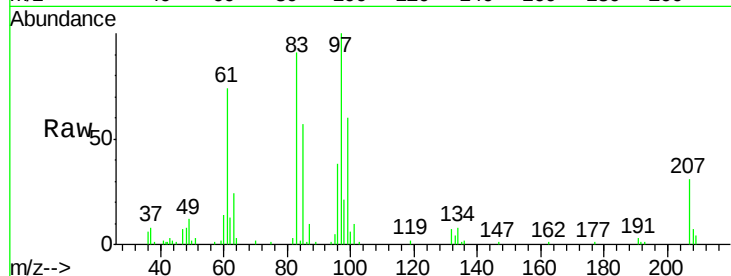
Ion Ratio Lower Upper

97 100

83 90.9 67.7 101.5

85 56.6 44.3 66.5

99 60.3 48.6 73.0

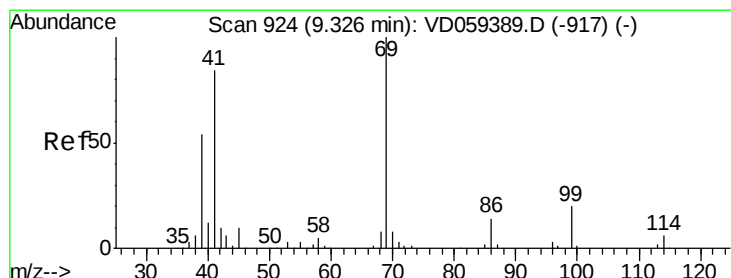
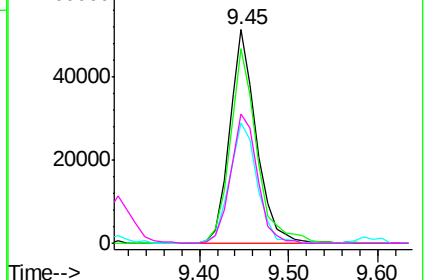
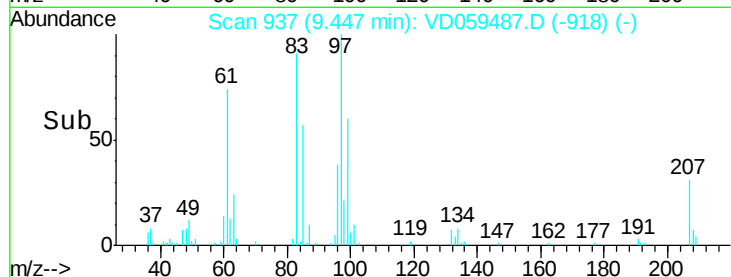


Abundance Ion 96.85 (96.55 to 97.55): VDC

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



#56

Ethyl methacrylate

Concen: 20.336 ug/l

RT: 9.31 min Scan# 923

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

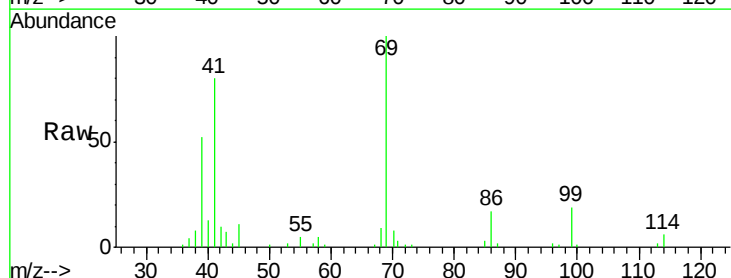
Tgt Ion: 69 Resp: 123476

Ion Ratio Lower Upper

69 100

41 79.6 67.4 101.0

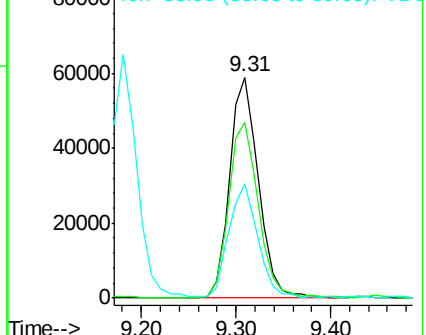
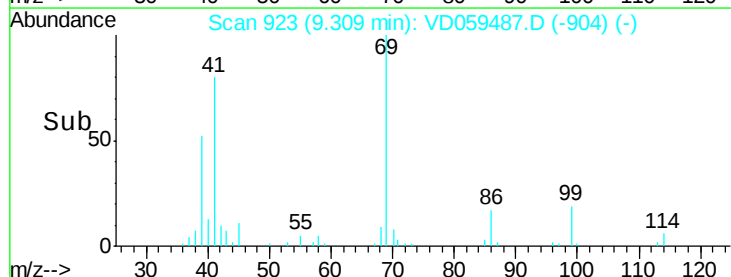
39 51.7 43.7 65.5

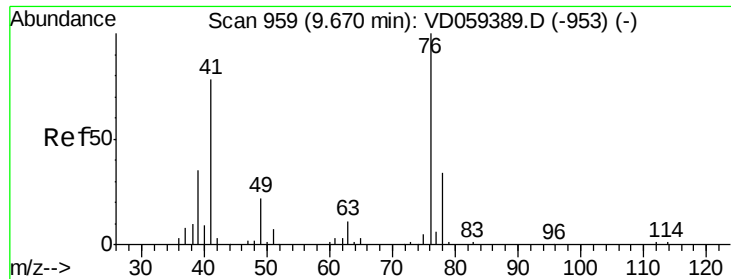


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 21.762 ug/l

RT: 9.66 min Scan# 959

Delta R.T. -0.01 min

Lab File: VD059487.D

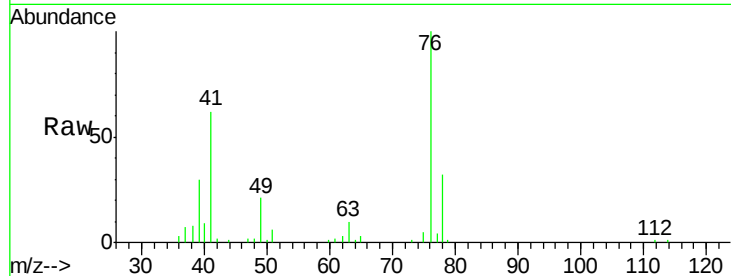
Acq: 29 Jun 2018 13:02

Tot Ion: 76 Resp: 189384

Ion Ratio Lower Upper

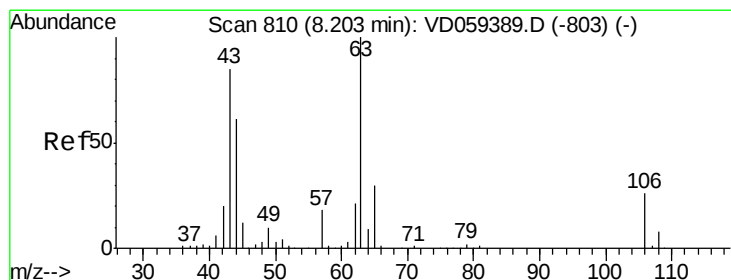
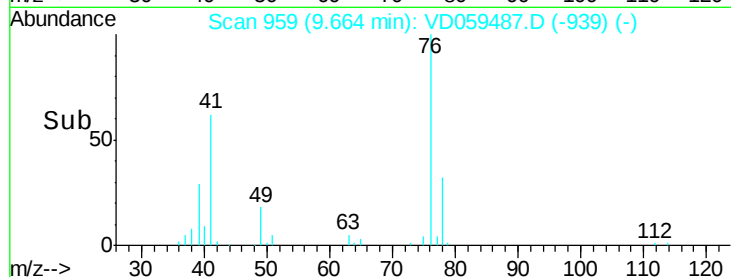
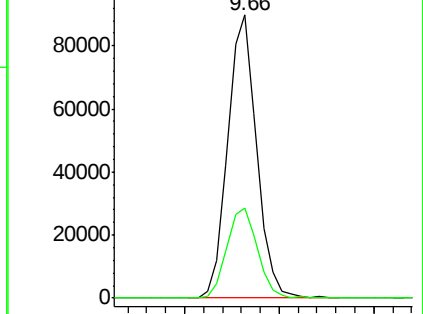
76 100

78 31.8 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: 103.264 ug/l

RT: 8.18 min Scan# 808

Delta R.T. -0.03 min

Lab File: VD059487.D

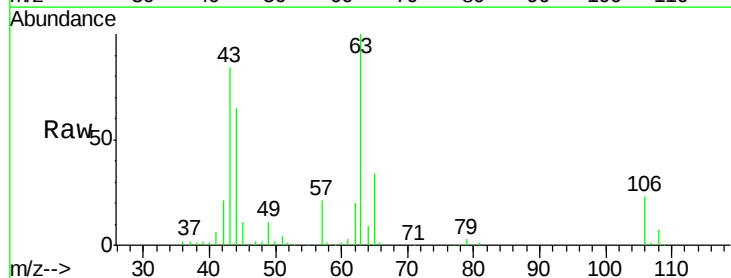
Acq: 29 Jun 2018 13:02

Tgt Ion: 63 Resp: 322775

Ion Ratio Lower Upper

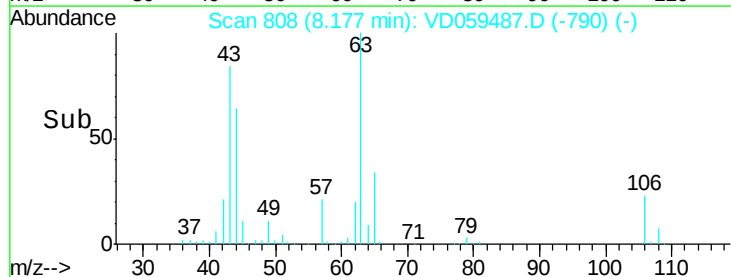
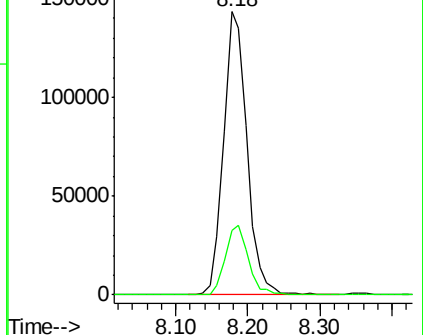
63 100

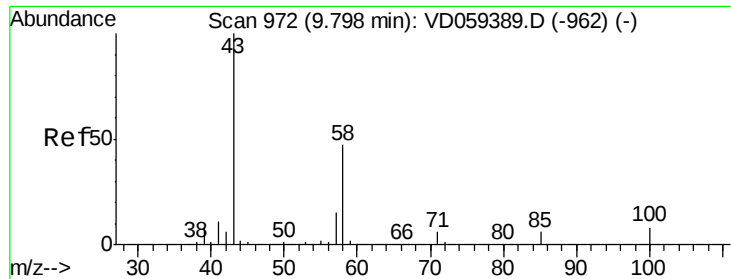
106 22.6 20.6 31.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

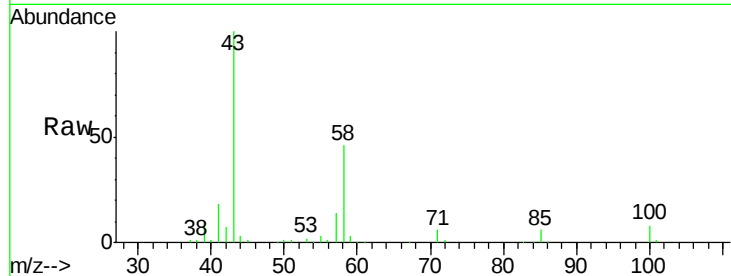
Ion 105.95 (105.65 to 106.65): VDC



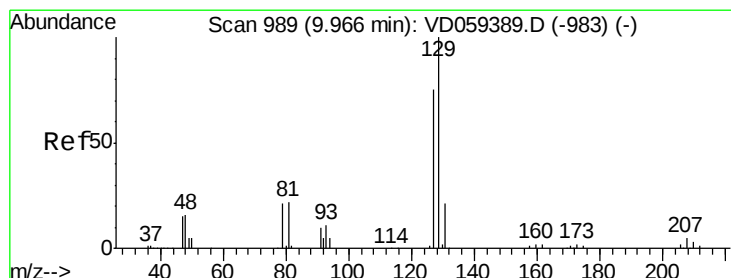
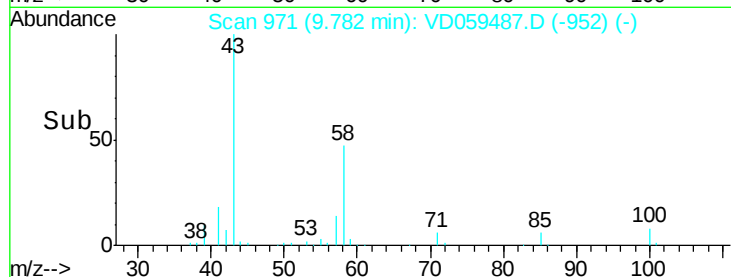
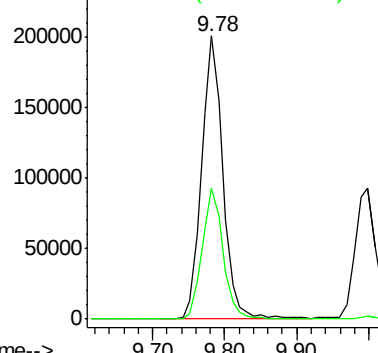


#59
2-Hexanone
Concen: 111.230 ug/l
RT: 9.78 min Scan# 971
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion: 43 Resp: 411992
Ion Ratio Lower Upper
43 100
58 46.4 23.3 69.9

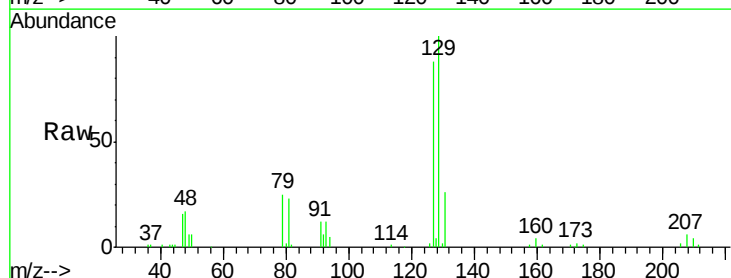


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

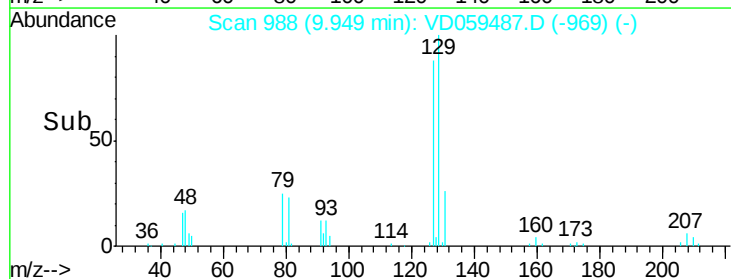
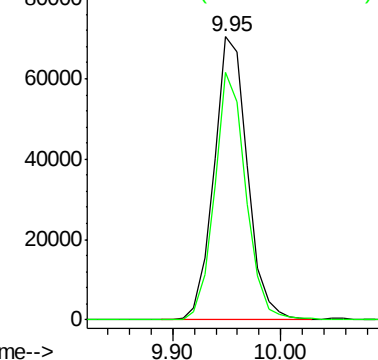


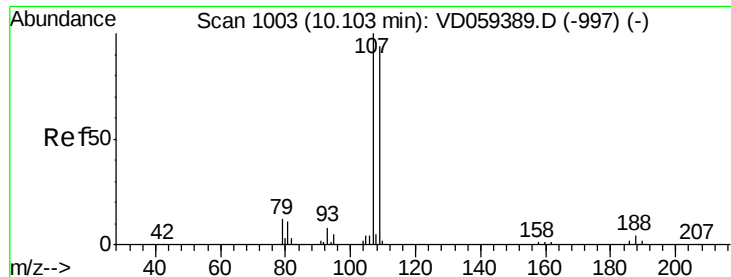
#60
Dibromochloromethane
Concen: 20.192 ug/l
RT: 9.95 min Scan# 988
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 129 Resp: 150456
Ion Ratio Lower Upper
129 100
127 87.6 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: 20.412 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.02 min

Lab File: VD059487.D

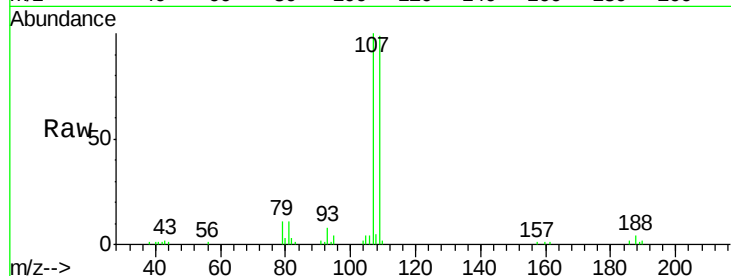
Acq: 29 Jun 2018 13:02

Tot Ion:107 Resp: 120948

Ion Ratio Lower Upper

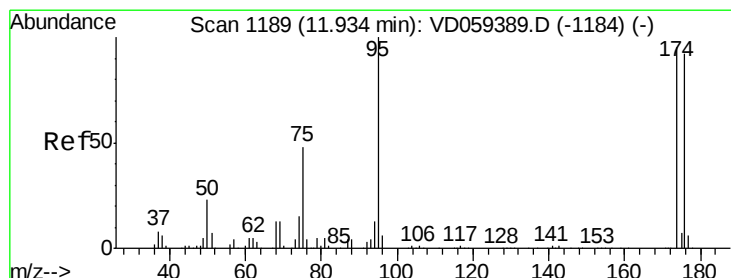
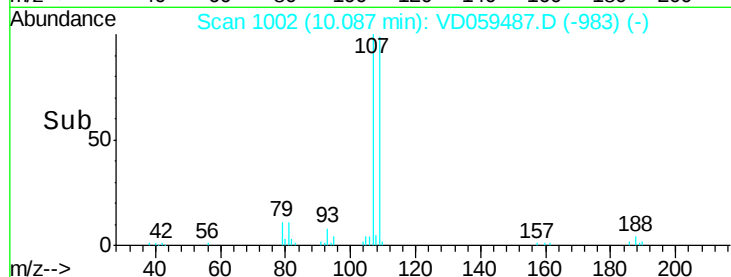
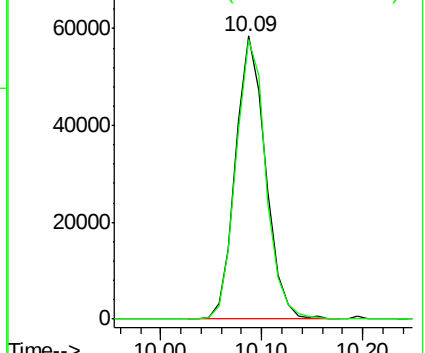
107 100

109 98.9 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: 20.412 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

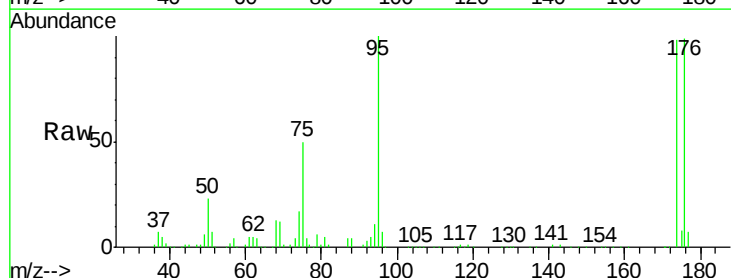
Tgt Ion: 95 Resp: 383440

Ion Ratio Lower Upper

95 100

174 98.2 0.0 190.4

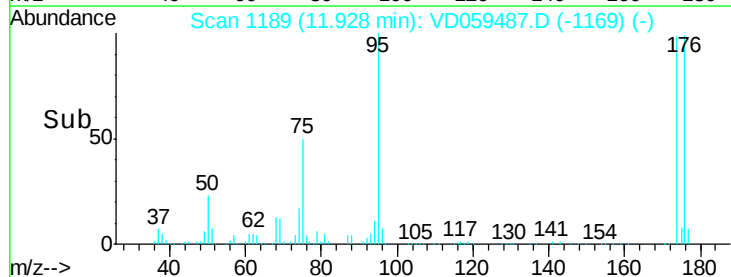
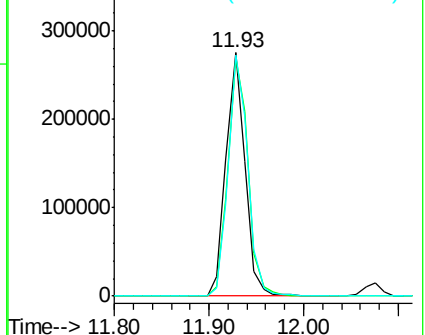
176 99.2 0.0 183.2

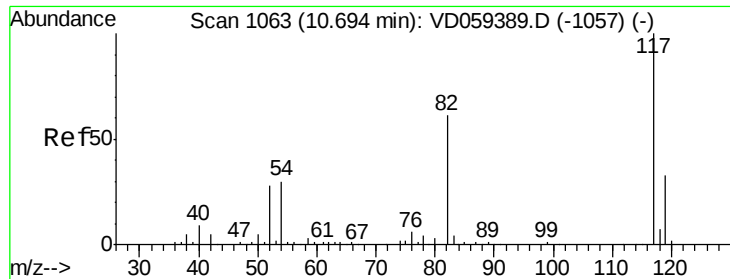


Abundance Ion 95.00 (94.70 to 95.70): V

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: VD059487.D

Acq: 29 Jun 2018 13:02

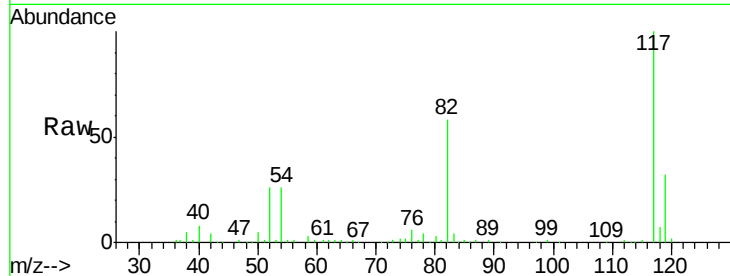
Tot Ion:117 Resp: 931350

Ion Ratio Lower Upper

117 100

82 57.9 49.0 73.6

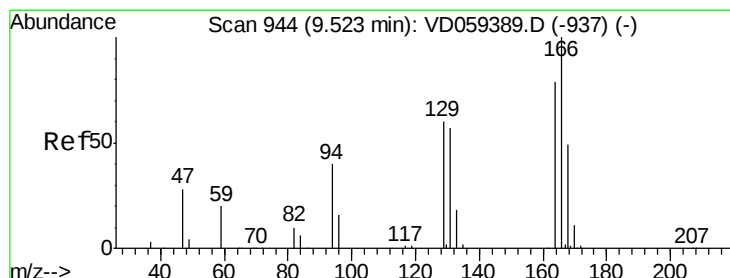
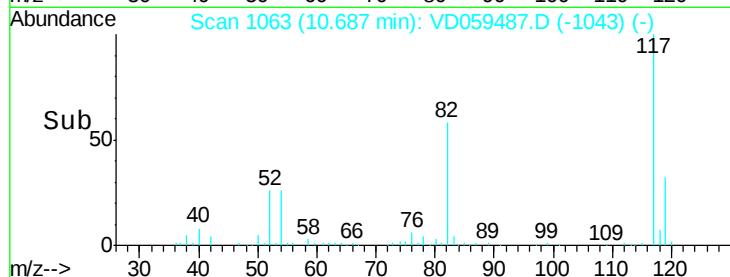
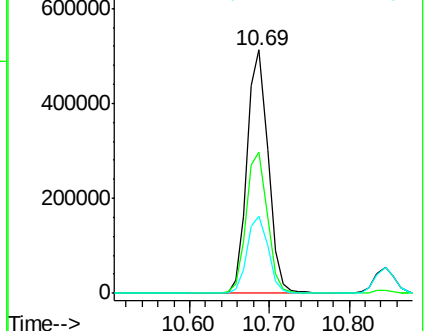
119 31.7 26.2 39.4



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: 20.195 ug/l

RT: 9.51 min Scan# 943

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tgt Ion:164 Resp: 165003

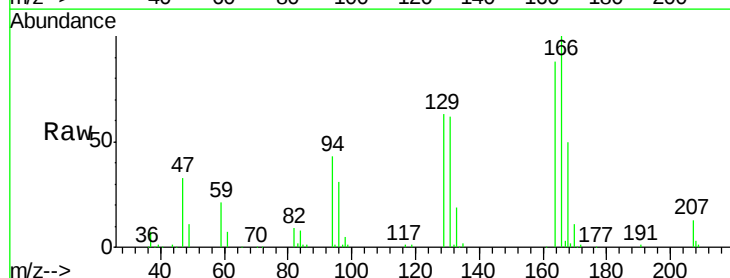
Ion Ratio Lower Upper

164 100

166 114.2 101.4 152.2

129 71.9 60.9 91.3

131 70.7 58.2 87.4

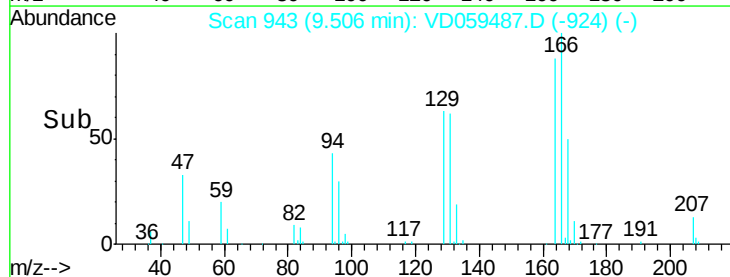
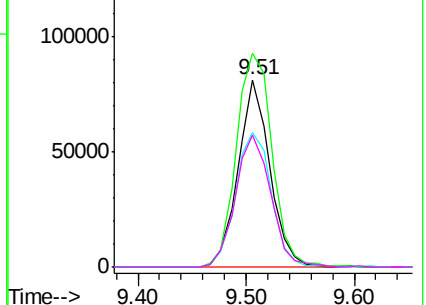


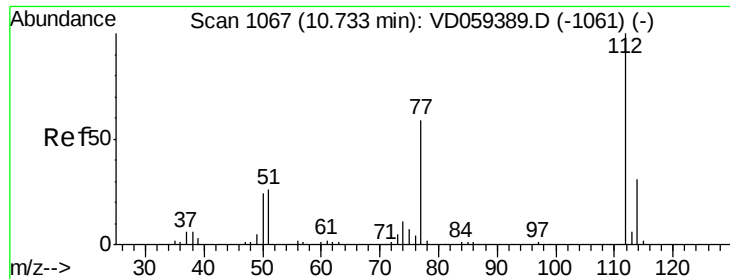
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

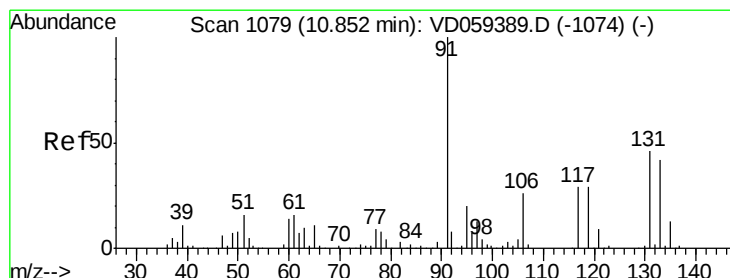
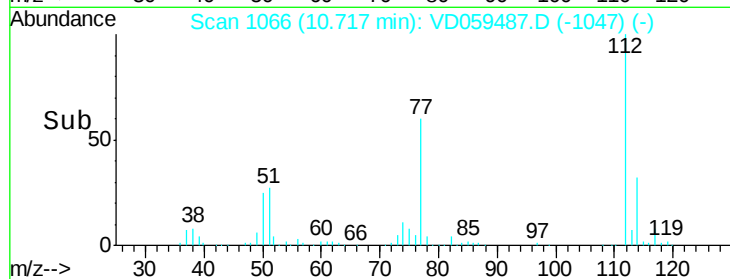
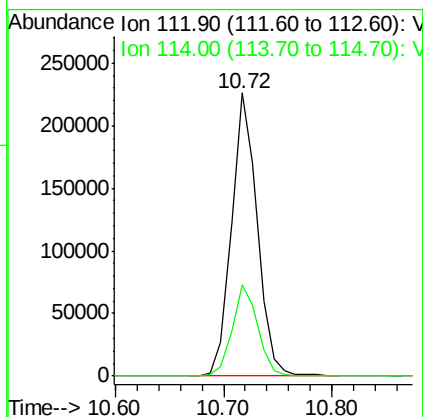
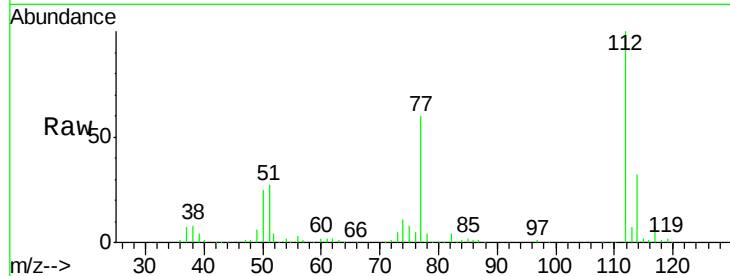
Ion 130.80 (130.50 to 131.50): V





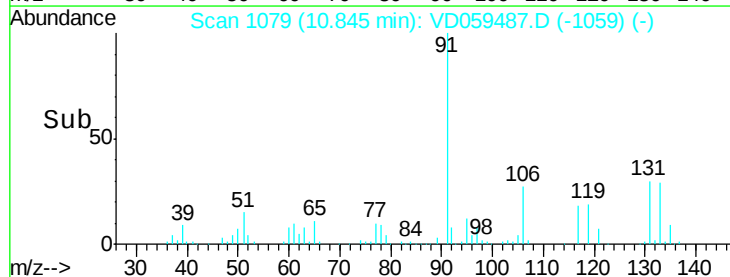
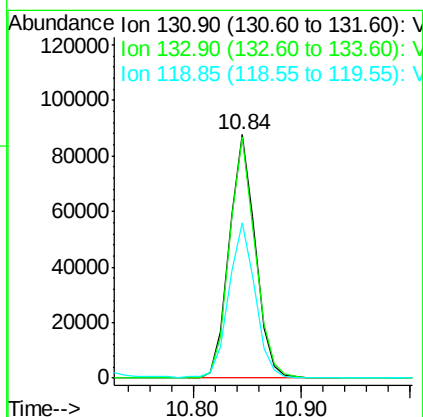
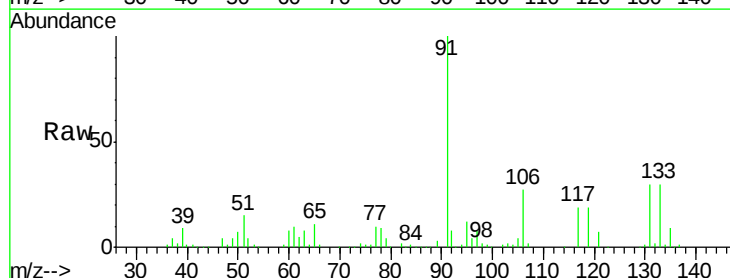
#65
Chlorobenzene
Concen: 21.883 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

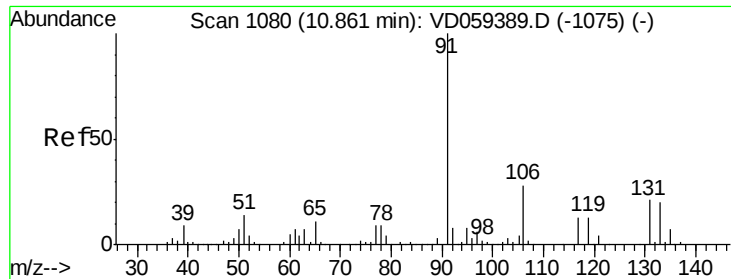
Tot Ion:112 Resp: 372671
Ion Ratio Lower Upper
112 100
114 32.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.424 ug/l
RT: 10.84 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

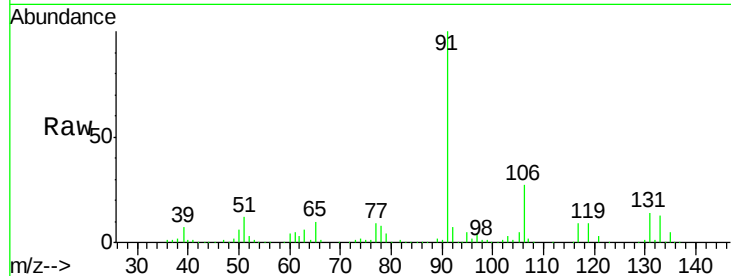
Tgt Ion:131 Resp: 146588
Ion Ratio Lower Upper
131 100
133 98.8 45.7 137.1
119 63.7 32.3 96.9



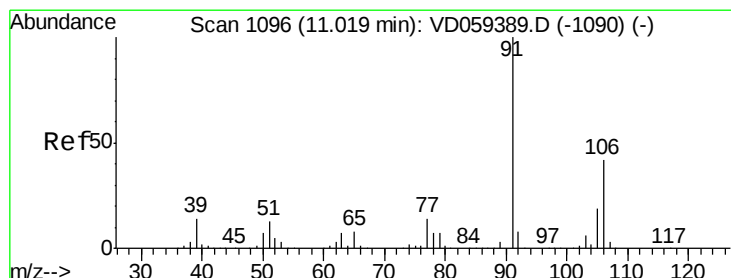
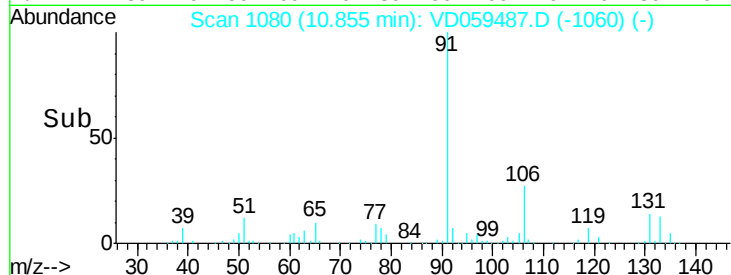
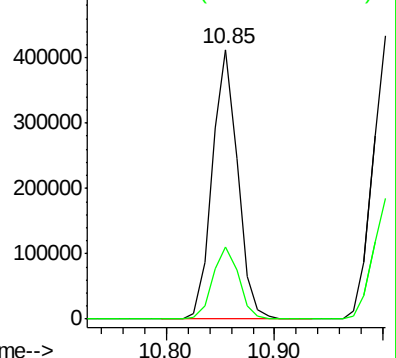


#67
Ethyl Benzene
Concen: 23.323 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion: 91 Resp: 670224
Ion Ratio Lower Upper
91 100
106 26.6 22.3 33.5

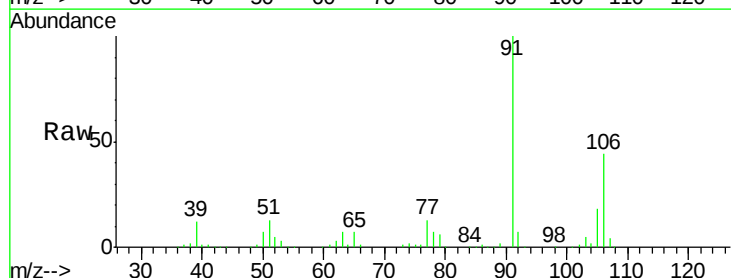


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

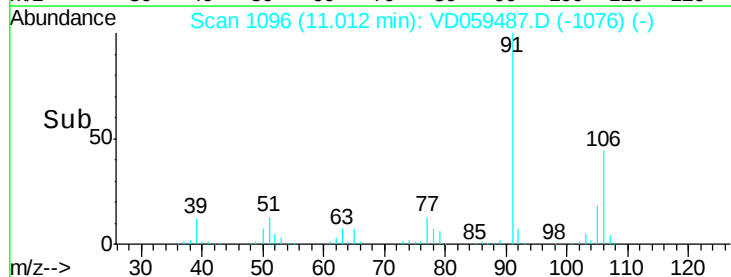
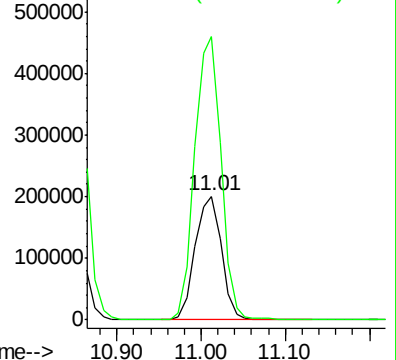


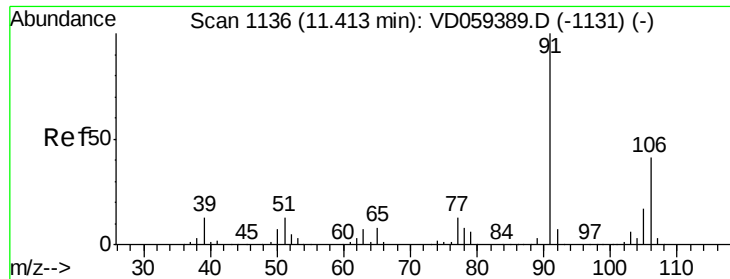
#68
m/p-Xylenes
Concen: 45.424 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 106 Resp: 433079
Ion Ratio Lower Upper
106 100
91 229.1 191.0 286.6



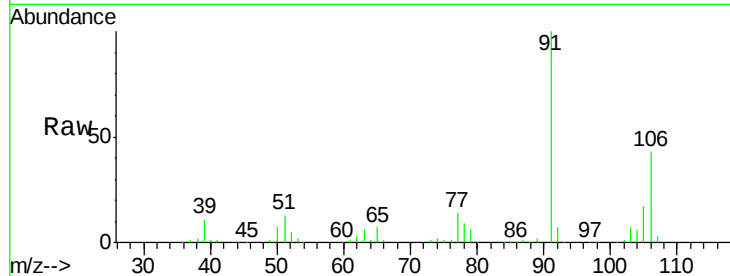
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



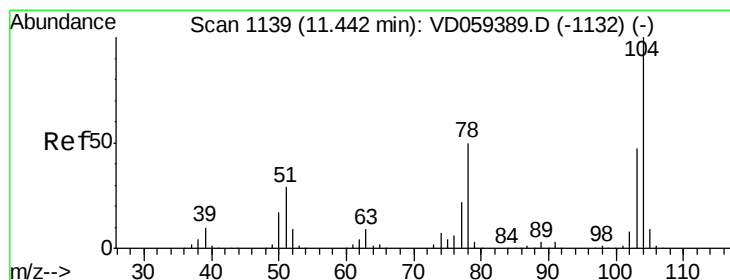
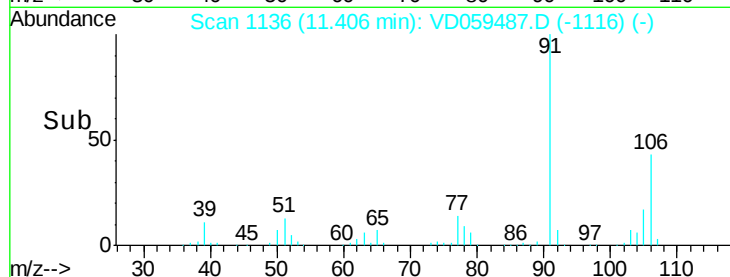
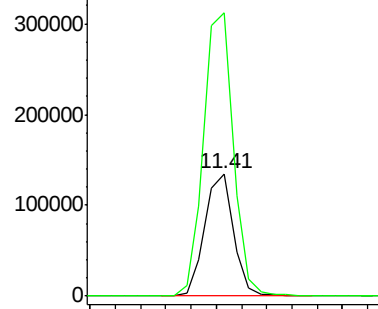


#69
o-Xylene
Concen: 22.622 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion:106 Resp: 213229
Ion Ratio Lower Upper
106 100
91 231.3 121.0 362.8

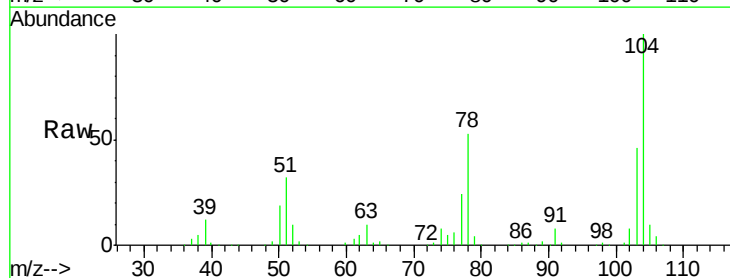


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

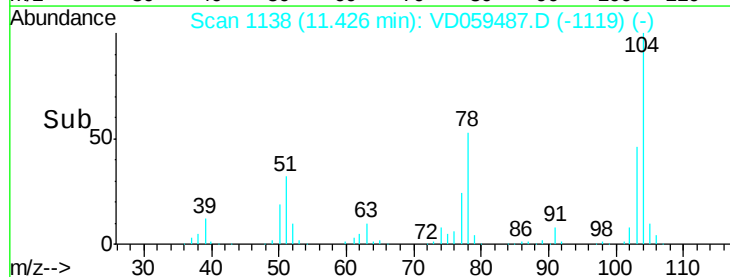
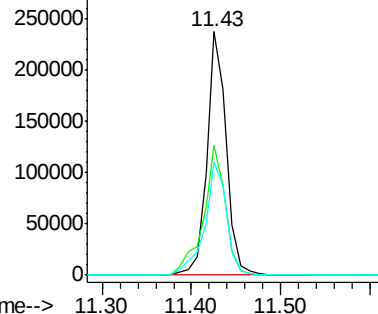


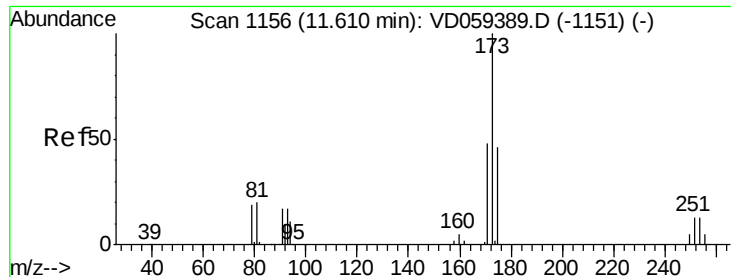
#70
Styrene
Concen: 22.249 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion:104 Resp: 359482
Ion Ratio Lower Upper
104 100
78 53.4 40.2 60.4
103 46.4 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: 19.520 ug/l

RT: 11.59 min Scan# 1155

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

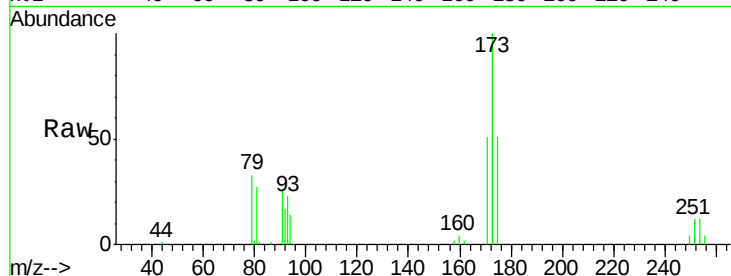
Tot Ion:173 Resp: 105712

Ion Ratio Lower Upper

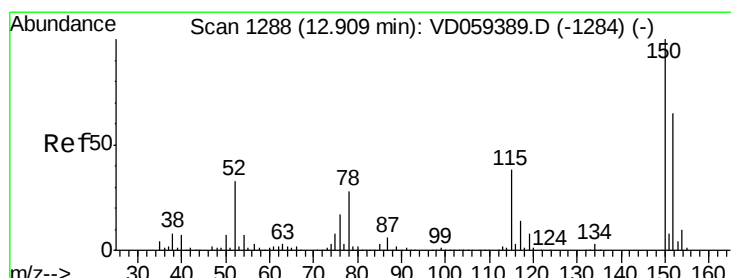
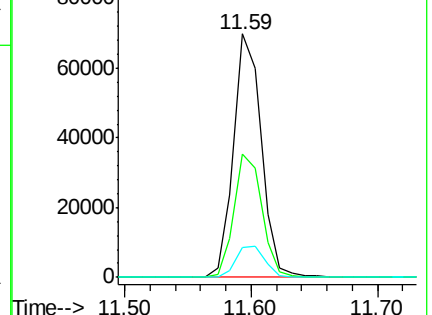
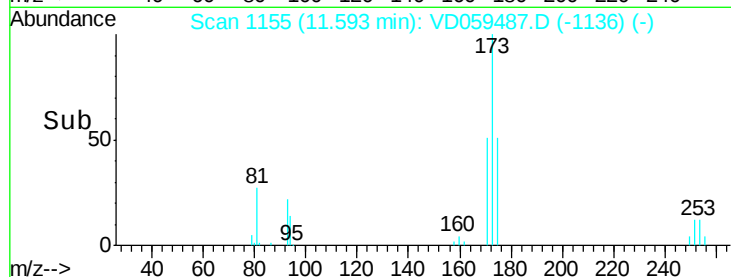
173 100

175 50.8 22.8 68.4

254 12.1 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: VD059487.D

Acq: 29 Jun 2018 13:02

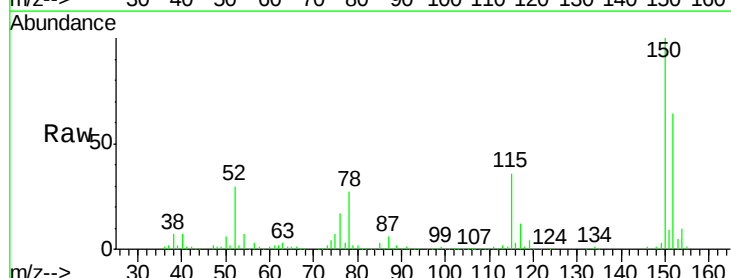
Tgt Ion:152 Resp: 506537

Ion Ratio Lower Upper

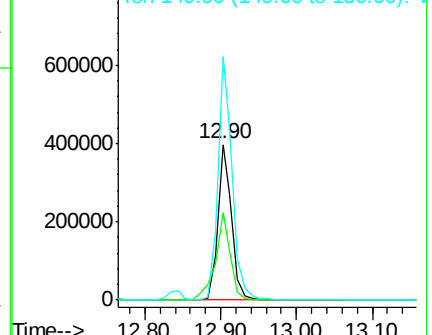
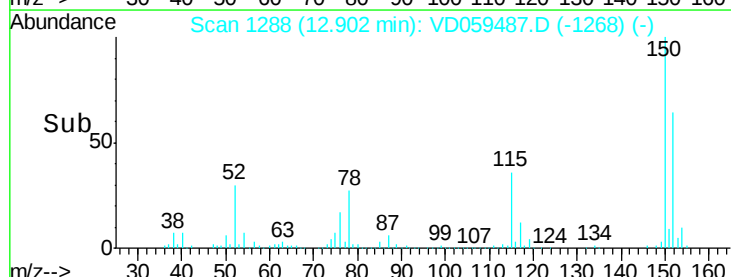
152 100

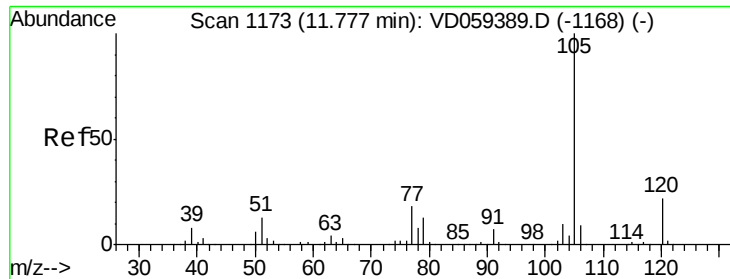
115 55.9 29.4 88.3

150 156.4 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: 20.820 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VD059487.D

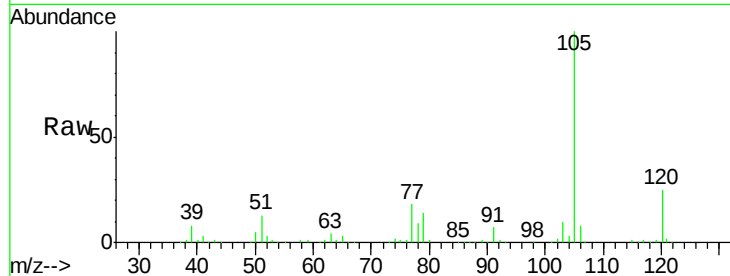
Acq: 29 Jun 2018 13:02

Tot Ion: 105 Resp: 595127

Ion Ratio Lower Upper

105 100

120 24.7 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

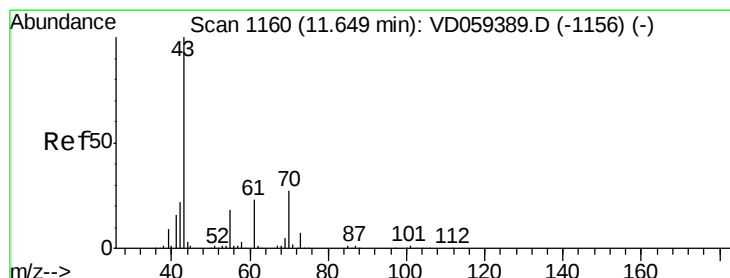
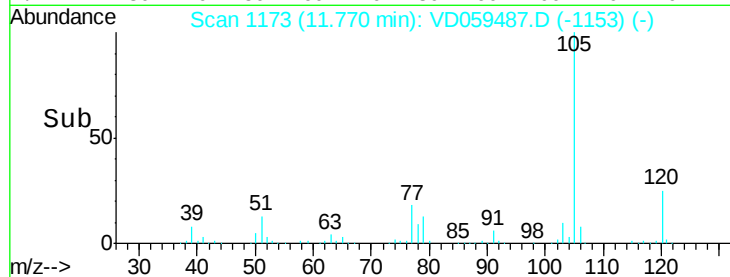
200000

100000

0

Time-->

11.70 11.80 11.90



#74

N-ethyl acetate

Concen: 18.648 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

Tgt Ion: 43 Resp: 202809

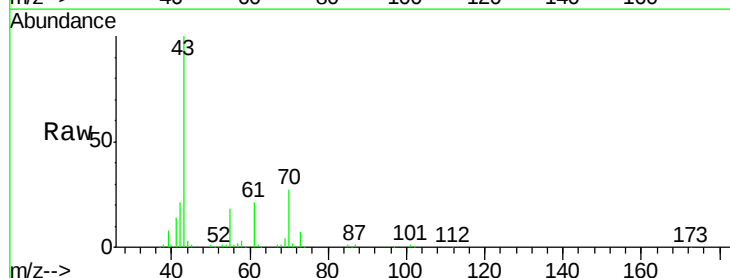
Ion Ratio Lower Upper

43 100

70 26.8 21.7 32.5

55 18.1 14.6 22.0

61 21.3 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

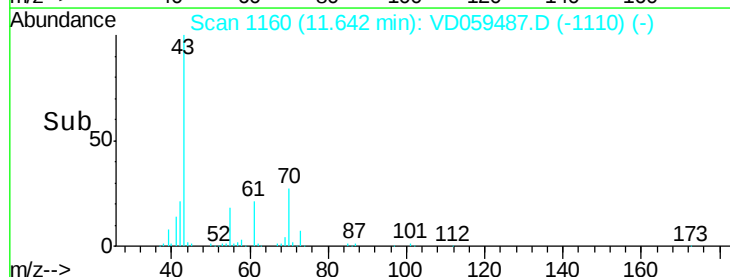
100000

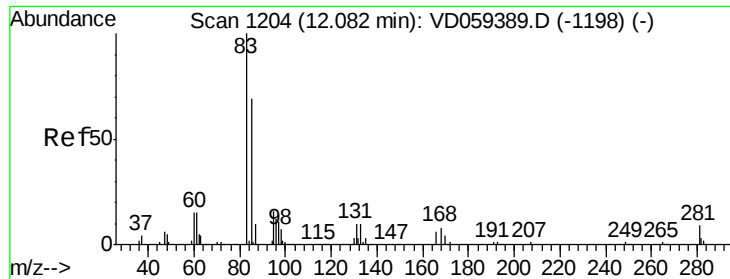
50000

0

Time-->

11.60 11.70





#75

1,1,2,2-Tetrachloroethane

Concen: 19.561 ug/l

RT: 12.08 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

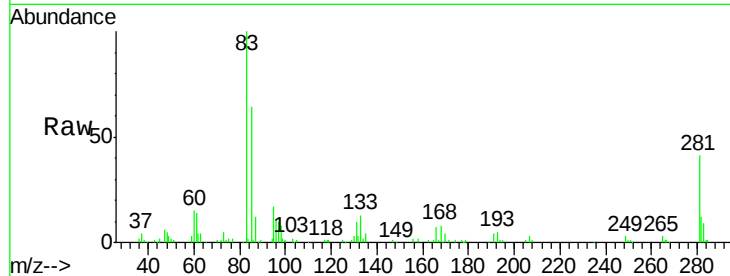
Tot Ion: 83 Resp: 131181

Ion Ratio Lower Upper

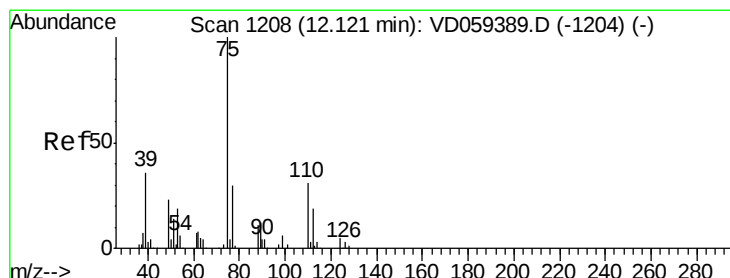
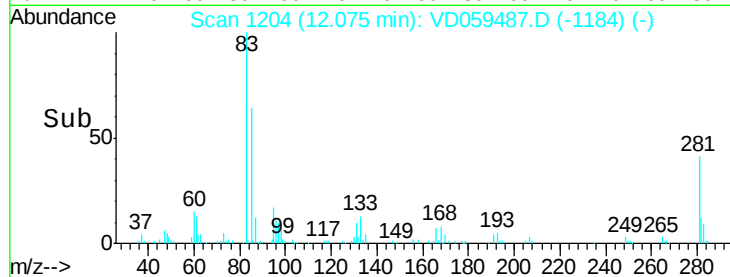
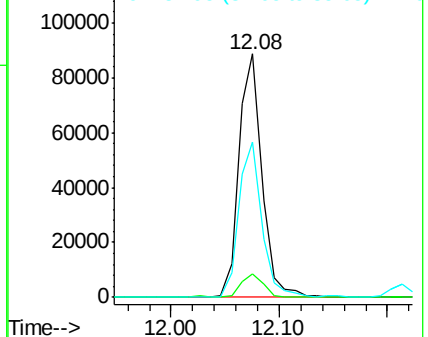
83 100

131 9.8 4.9 14.6

85 64.0 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: 20.062 ug/l

RT: 12.11 min Scan# 1207

Delta R.T. -0.02 min

Lab File: VD059487.D

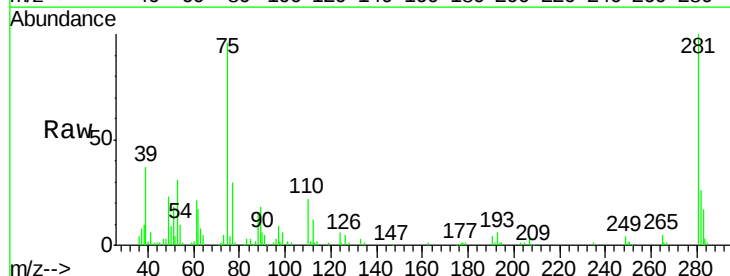
Acq: 29 Jun 2018 13:02

Tgt Ion: 75 Resp: 140174

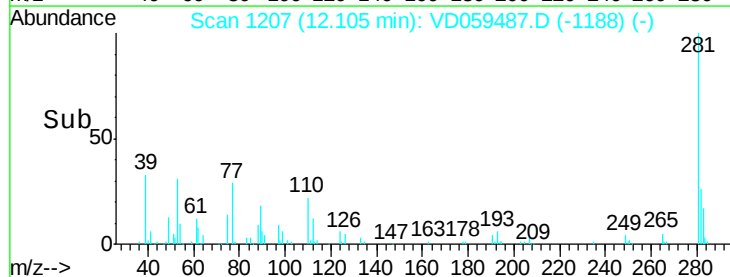
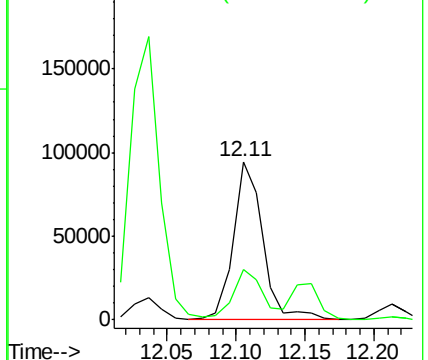
Ion Ratio Lower Upper

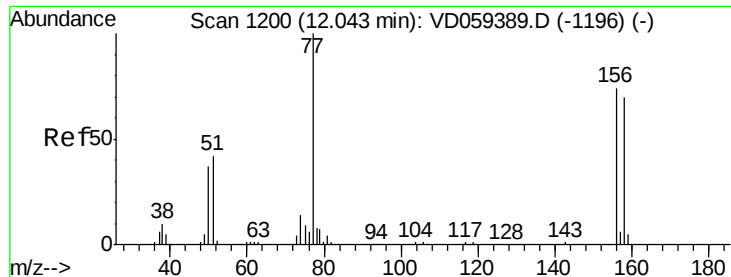
75 100

77 31.6 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: 20.079 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

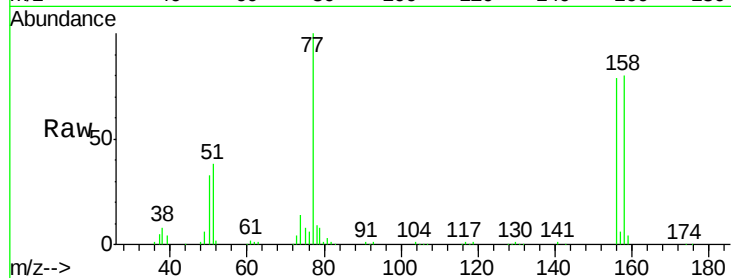
Tot Ion:156 Resp: 180649

Ion Ratio Lower Upper

156 100

77 126.9 68.0 203.8

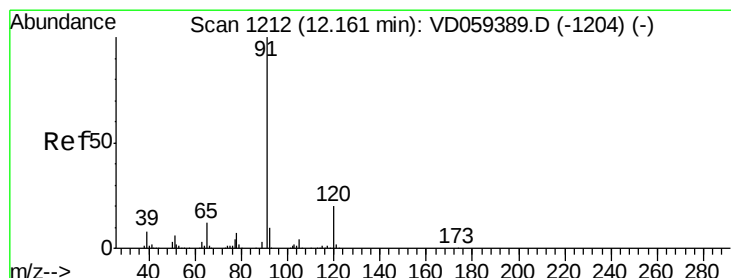
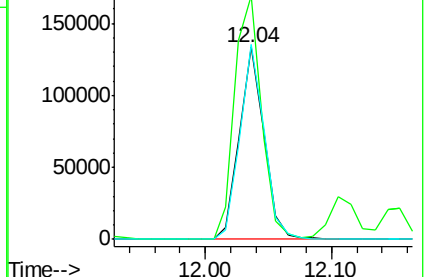
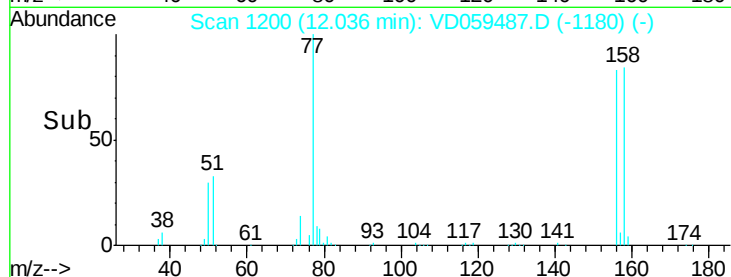
158 101.3 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.553 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. -0.01 min

Lab File: VD059487.D

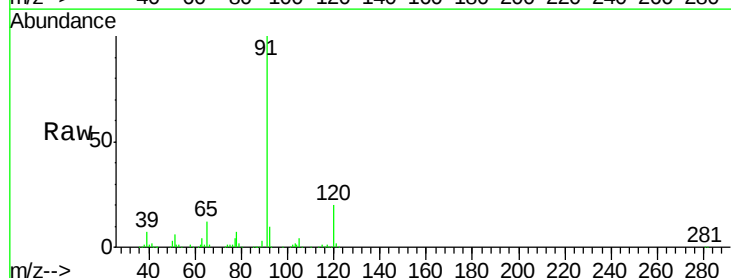
Acq: 29 Jun 2018 13:02

Tgt Ion: 91 Resp: 780267

Ion Ratio Lower Upper

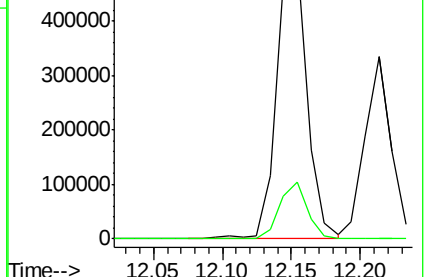
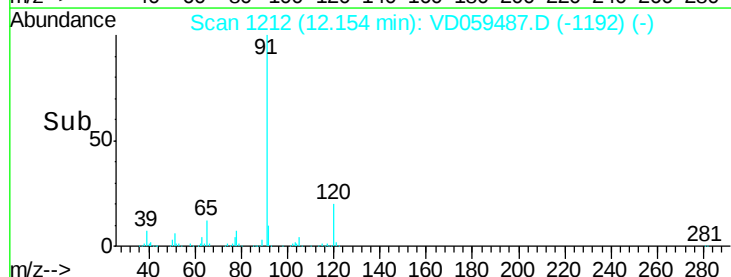
91 100

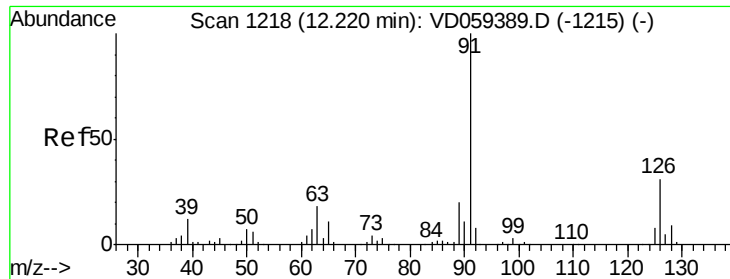
120 20.2 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

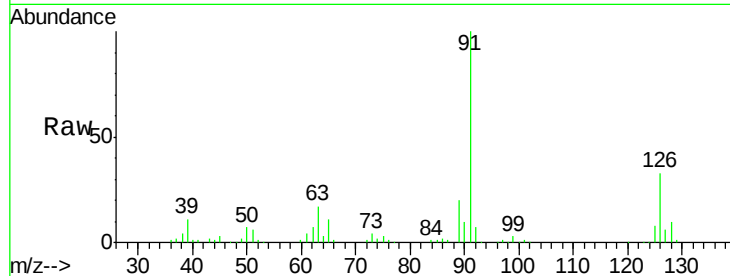
Ion 120.05 (119.75 to 120.75): V



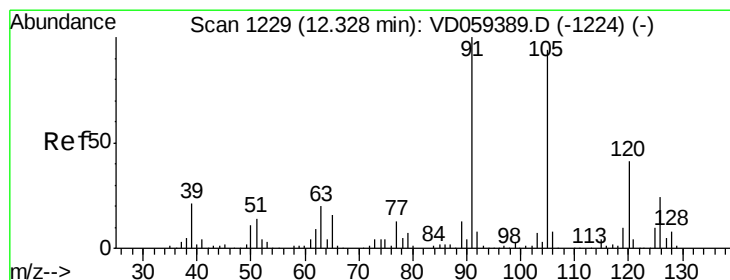
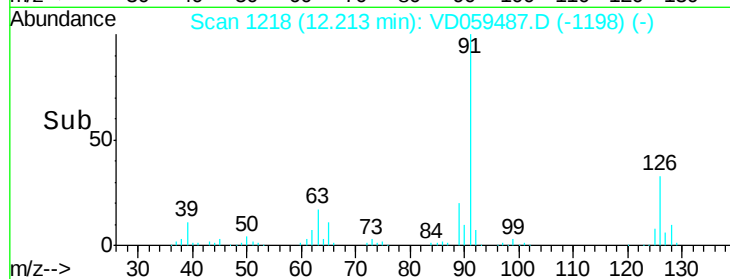
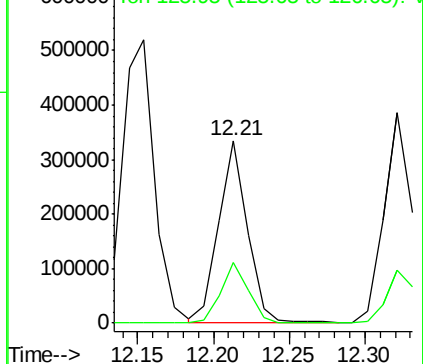


#79
 2-Chlorotoluene
 Concen: 20.922 ug/l
 RT: 12.21 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tot Ion: 91 Resp: 444818
 Ion Ratio Lower Upper
 91 100
 126 33.0 15.2 45.5

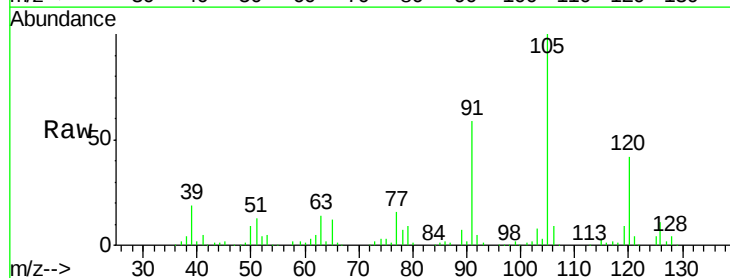


Abundance Ion 91.00 (90.70 to 91.70): VD059389.D (-1215) (-)
 Ion 125.95 (125.65 to 126.65): VD059389.D (-1215) (-)

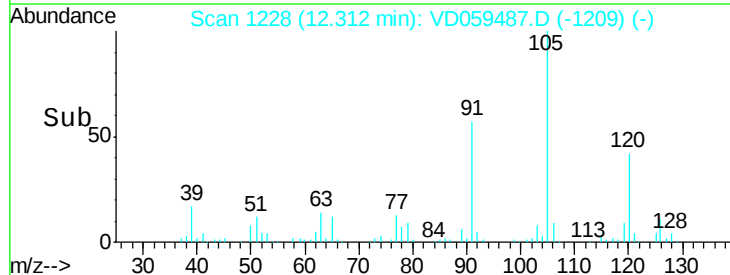
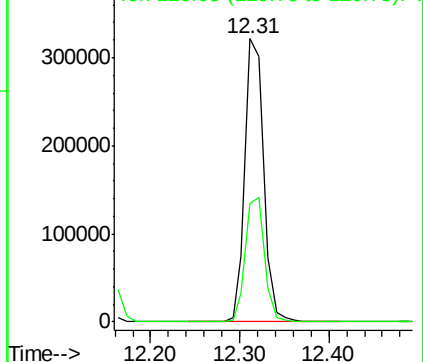


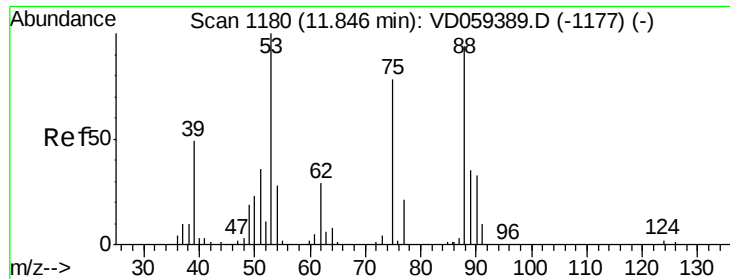
#80
 1,3,5-Trimethylbenzene
 Concen: 20.657 ug/l
 RT: 12.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 105 Resp: 470082
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.9 65.7



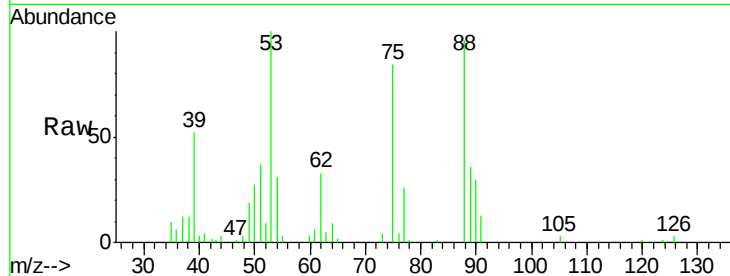
Abundance Ion 105.05 (104.75 to 105.75): VD059389.D (-1224) (-)
 Ion 120.05 (119.75 to 120.75): VD059389.D (-1224) (-)



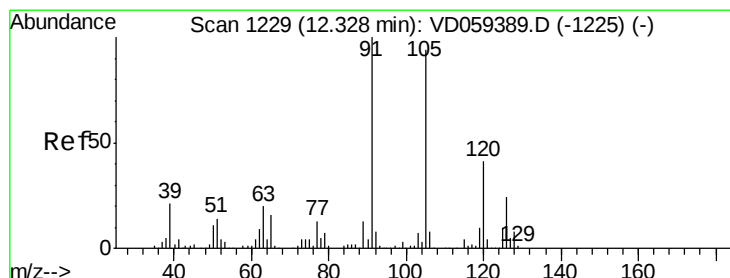
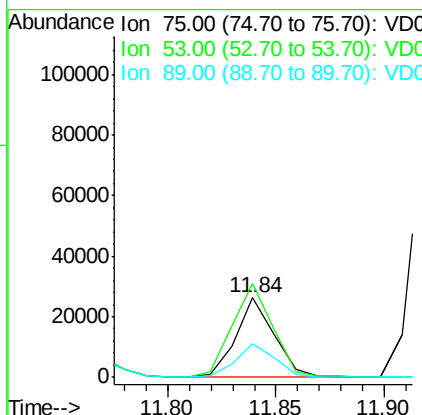
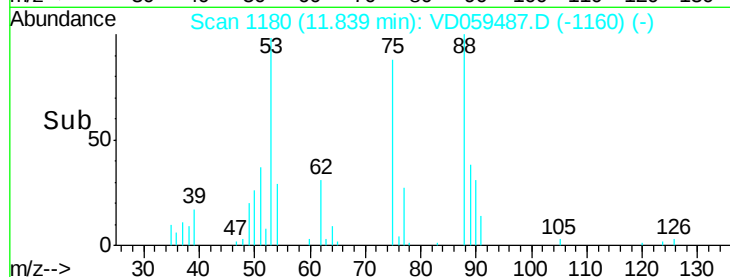


#81
trans-1,4-Dichloro-2-butene
Concen: 20.244 ug/l
RT: 11.84 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion: 75 Resp: 32148
Ion Ratio Lower Upper
75 100
53 118.8 102.6 154.0
89 43.1 35.9 53.9

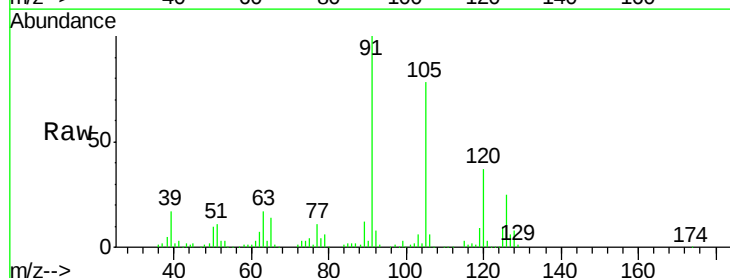


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

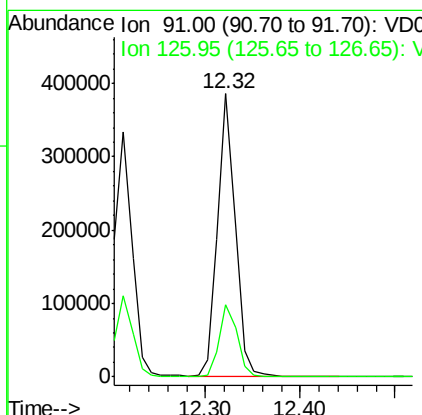
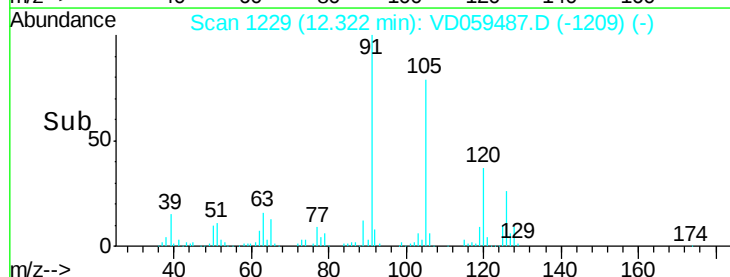


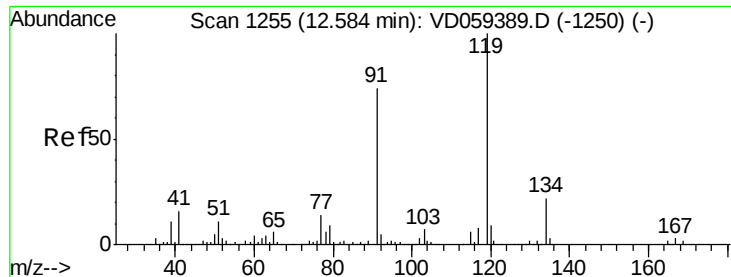
#82
4-Chlorotoluene
Concen: 20.795 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 91 Resp: 501330
Ion Ratio Lower Upper
91 100
126 25.5 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: 22.706 ug/l

RT: 12.58 min Scan# 1255

Delta R.T. -0.01 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

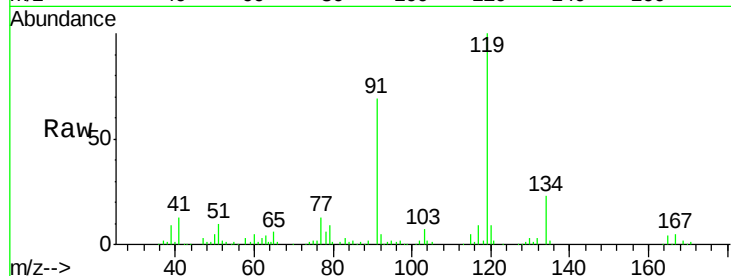
Tot Ion:119 Resp: 549628

Ion Ratio Lower Upper

119 100

91 68.8 36.9 110.7

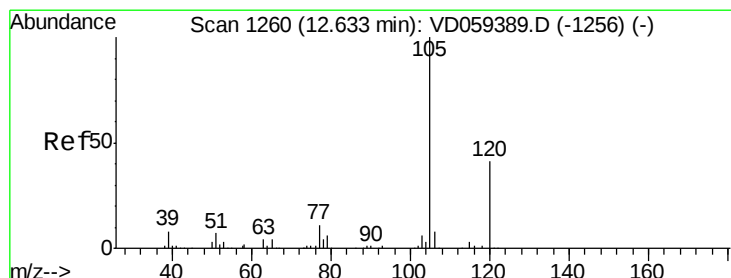
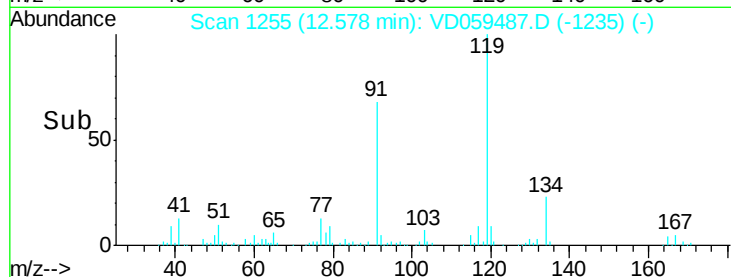
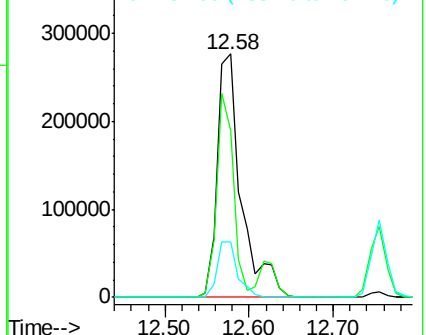
134 23.0 11.2 33.6



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: 21.218 ug/l

RT: 12.62 min Scan# 1259

Delta R.T. -0.02 min

Lab File: VD059487.D

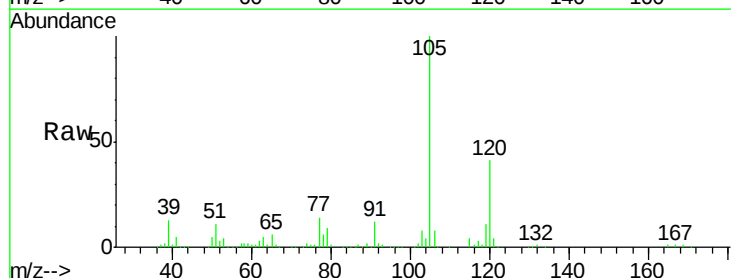
Acq: 29 Jun 2018 13:02

Tgt Ion:105 Resp: 510989

Ion Ratio Lower Upper

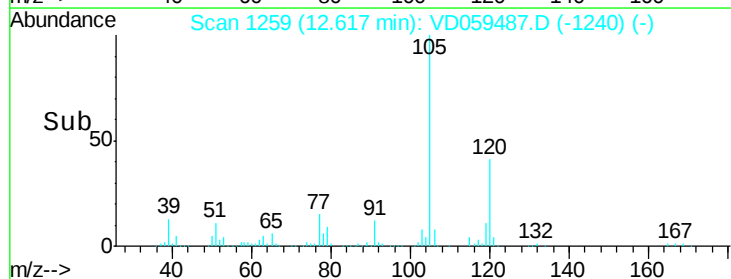
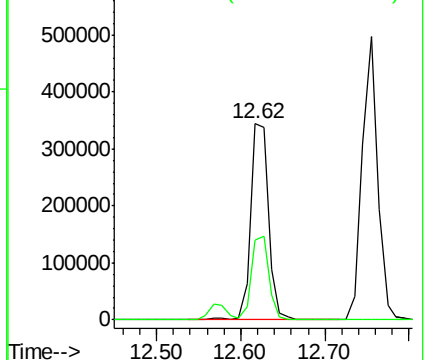
105 100

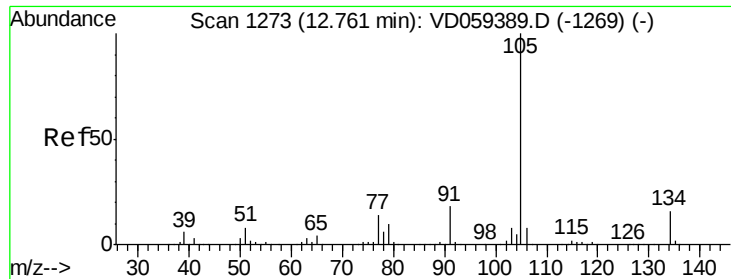
120 40.5 21.5 64.5



Abundance Ion 105.05 (104.75 to 105.75): V

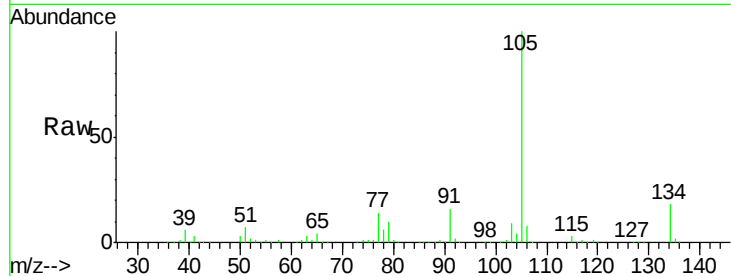
Ion 120.05 (119.75 to 120.75): V



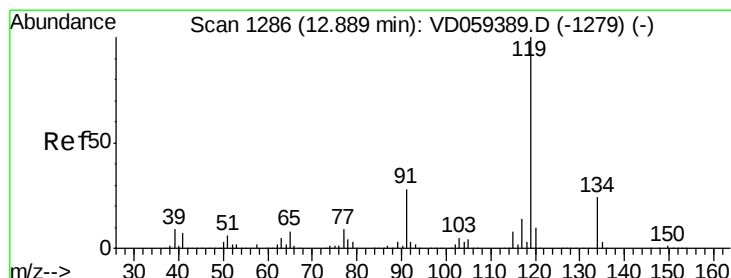
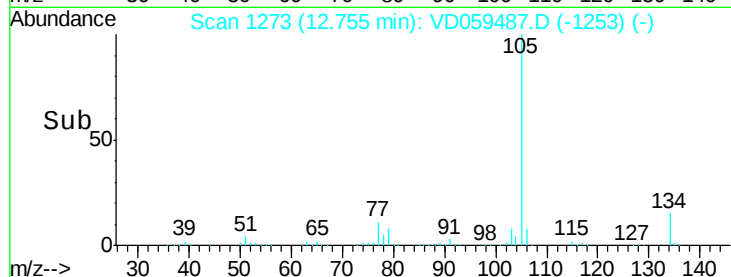
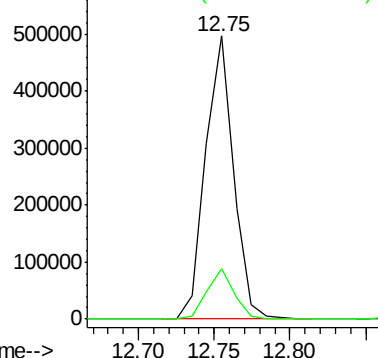


#85
 sec-Butylbenzene
 Concen: 21.313 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tot Ion:105 Resp: 633058
 Ion Ratio Lower Upper
 105 100
 134 17.6 8.2 24.6

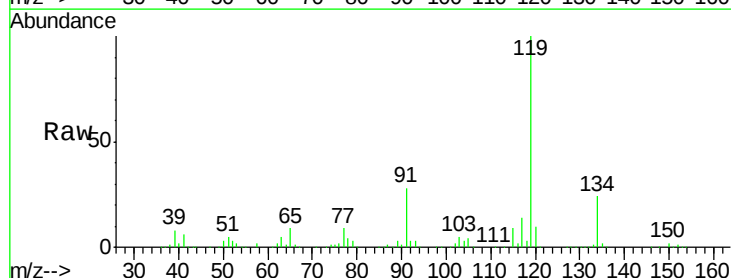


Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 134.10 (133.80 to 134.80): V

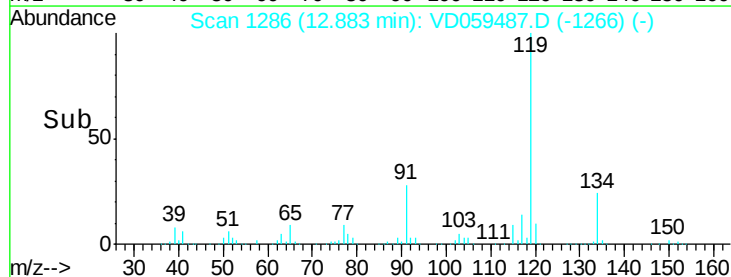
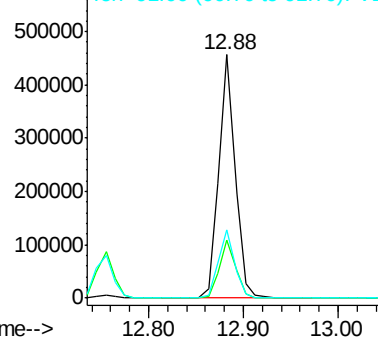


#86
 p-Isopropyltoluene
 Concen: 22.846 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion:119 Resp: 546948
 Ion Ratio Lower Upper
 119 100
 134 23.7 11.9 35.5
 91 28.2 14.1 42.4



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





#87

1,3-Dichlorobenzene

Concen: 21.761 ug/l

RT: 12.83 min Scan# 1281

Delta R.T. -0.02 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

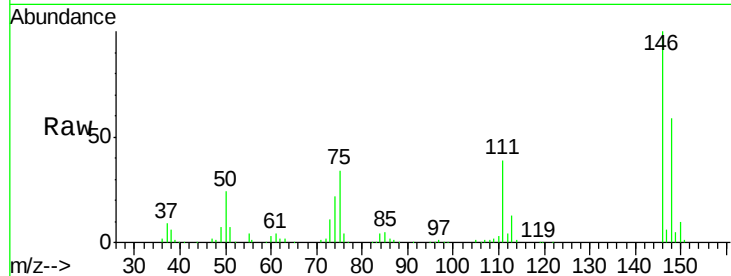
Tot Ion:146 Resp: 322084

Ion Ratio Lower Upper

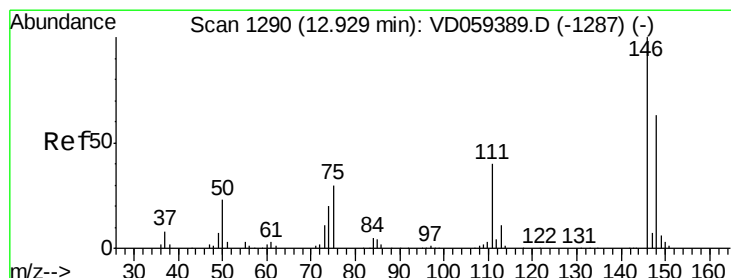
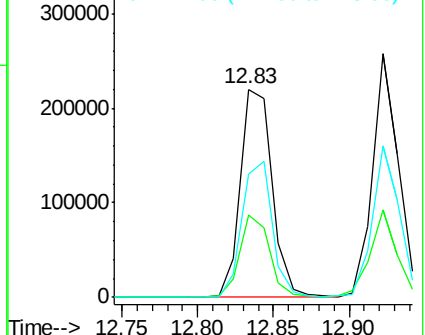
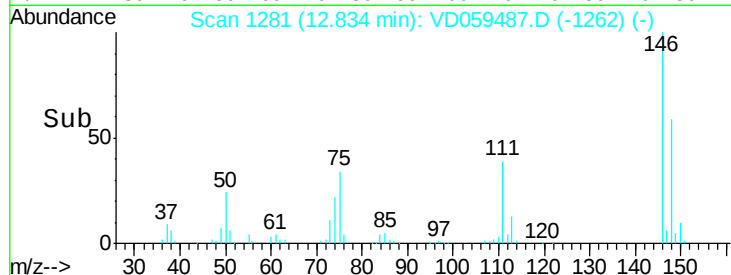
146 100

111 39.3 17.6 52.8

148 59.3 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: 21.431 ug/l

RT: 12.92 min Scan# 1290

Delta R.T. -0.01 min

Lab File: VD059487.D

Acq: 29 Jun 2018 13:02

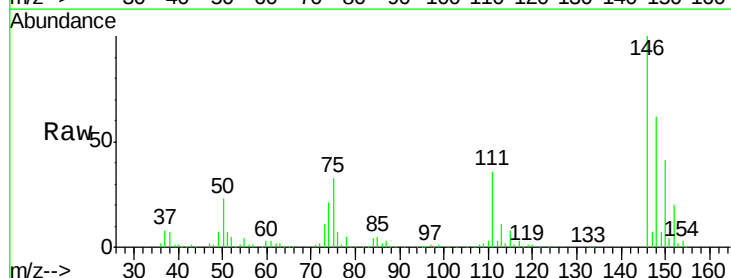
Tgt Ion:146 Resp: 313019

Ion Ratio Lower Upper

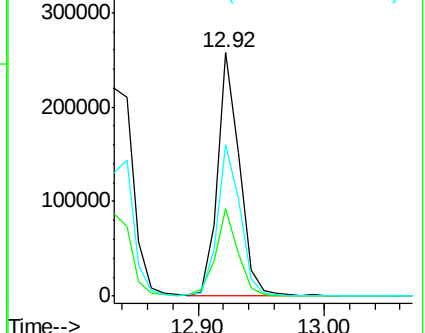
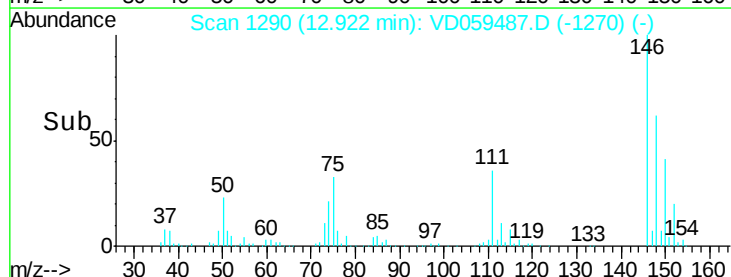
146 100

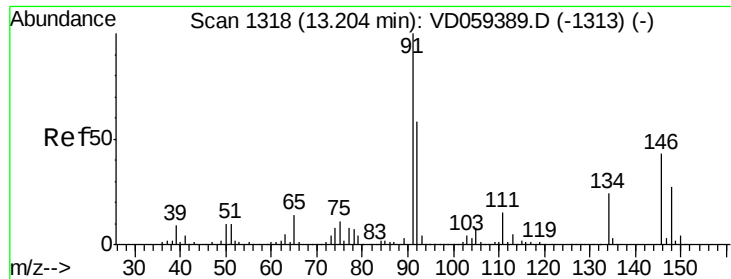
111 36.1 20.1 60.2

148 62.2 31.4 94.0



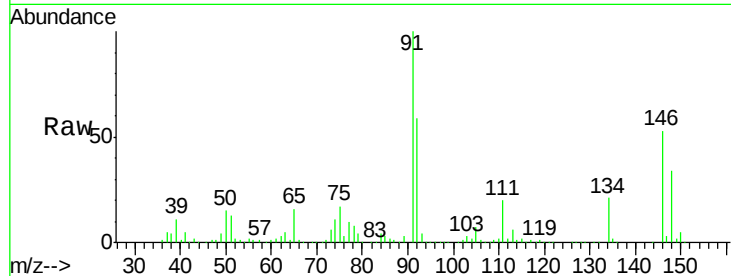
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



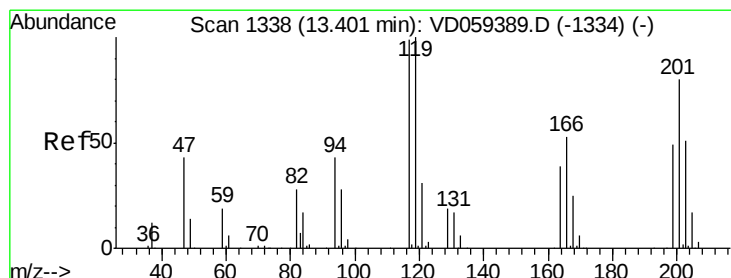
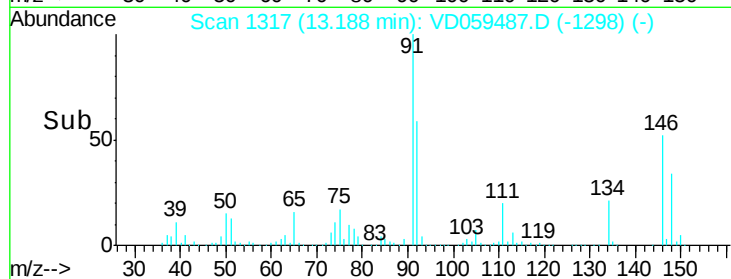
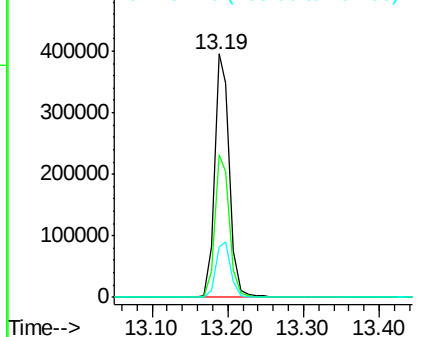


#89
n-Butylbenzene
Concen: 23.226 ug/l
RT: 13.19 min Scan# 1317
Delta R.T. -0.02 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion: 91 Resp: 548876
Ion Ratio Lower Upper
91 100
92 58.7 28.8 86.5
134 20.7 11.9 35.7

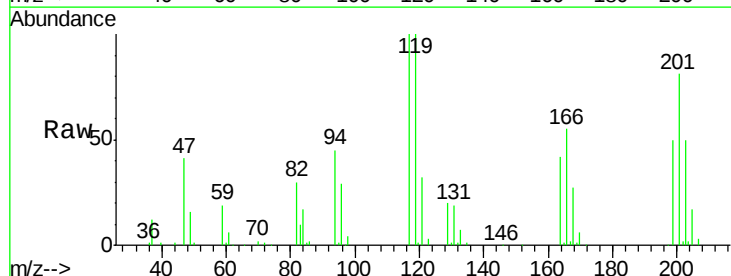


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

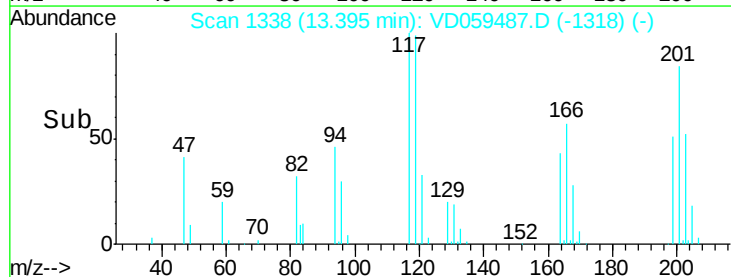
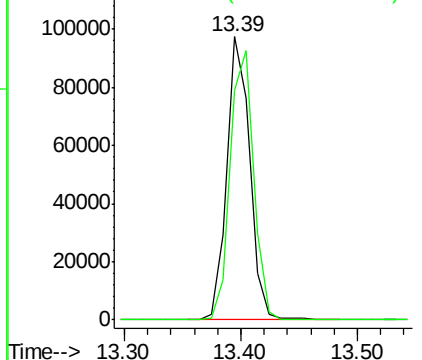


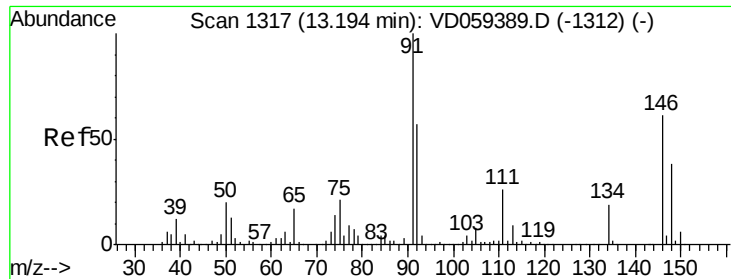
#90
Hexachloroethane
Concen: 22.242 ug/l
RT: 13.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion: 117 Resp: 132853
Ion Ratio Lower Upper
117 100
201 81.2 40.1 120.3



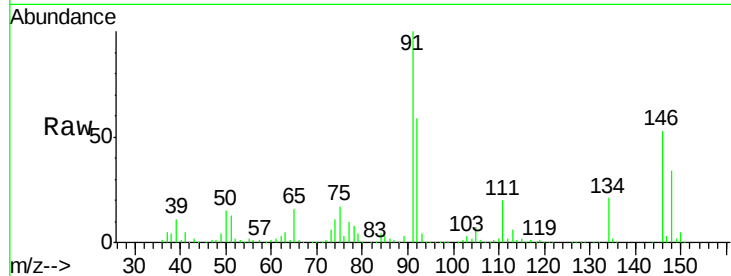
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 200.75 (200.45 to 201.45): V



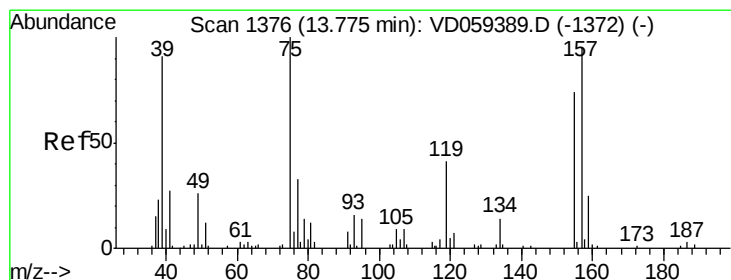
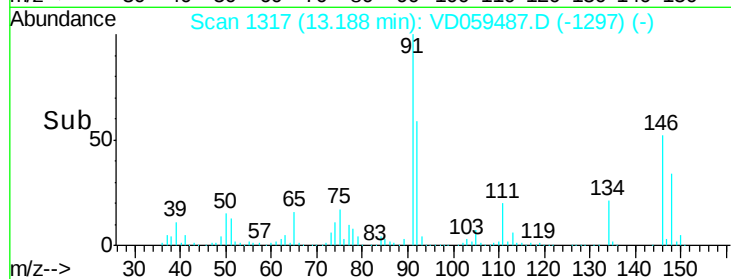
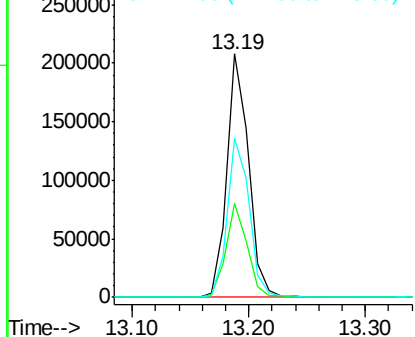


#91
 1,2-Dichlorobenzene
 Concen: 21.473 ug/l
 RT: 13.19 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tot Ion:146 Resp: 269468
 Ion Ratio Lower Upper
 146 100
 111 38.6 21.4 64.2
 148 65.4 31.6 95.0

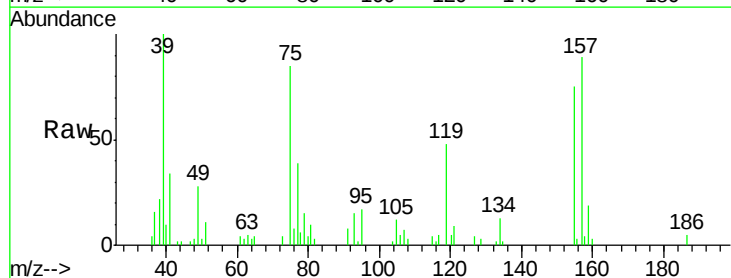


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

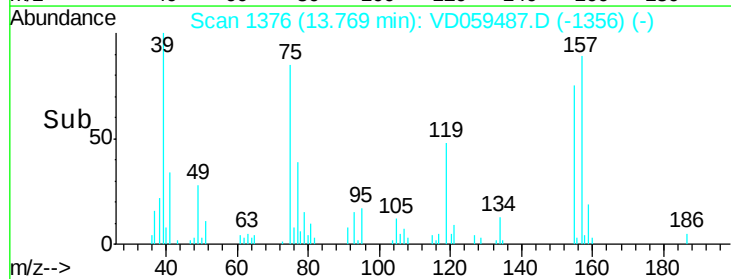
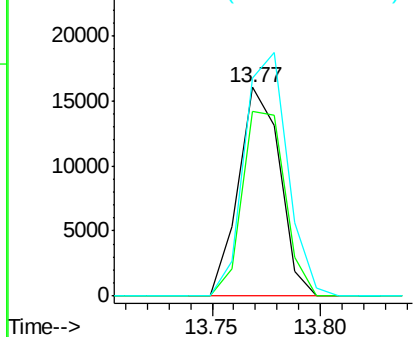


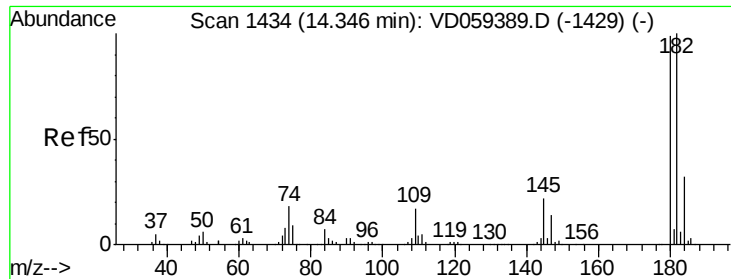
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.419 ug/l
 RT: 13.77 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion: 75 Resp: 21474
 Ion Ratio Lower Upper
 75 100
 155 88.8 37.2 111.6
 157 104.4 47.4 142.2



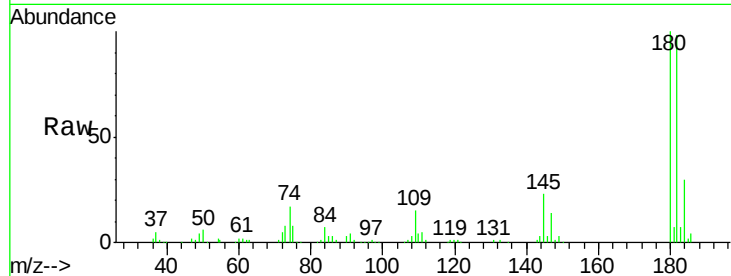
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



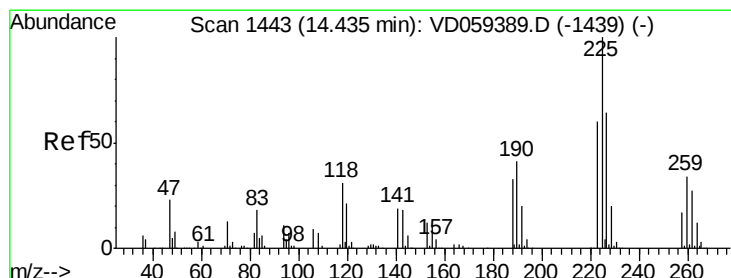
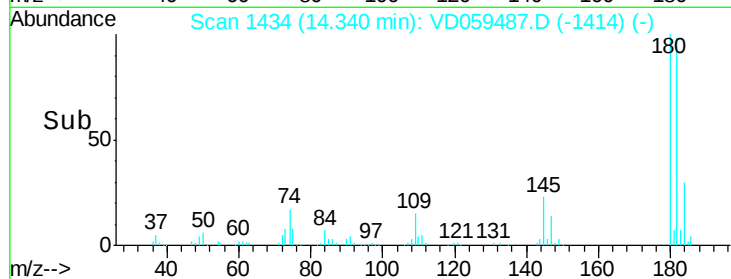
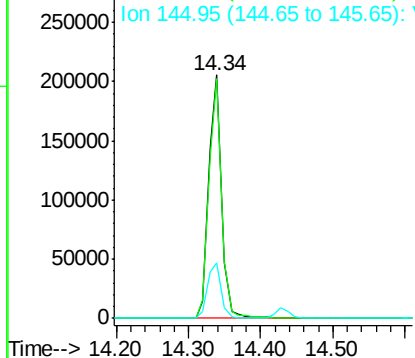


#93
 1,2,4-Trichlorobenzene
 Concen: 21.960 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tot Ion:180 Resp: 254782
 Ion Ratio Lower Upper
 180 100
 182 98.3 50.4 151.2
 145 22.5 11.0 33.0

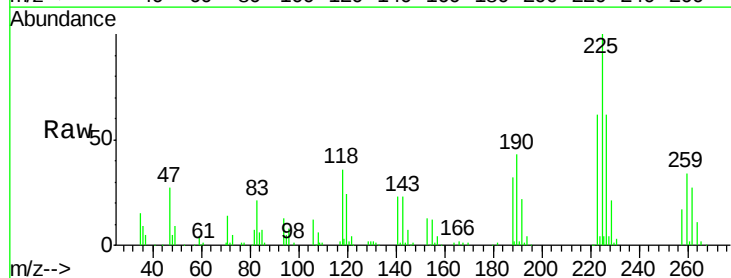


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

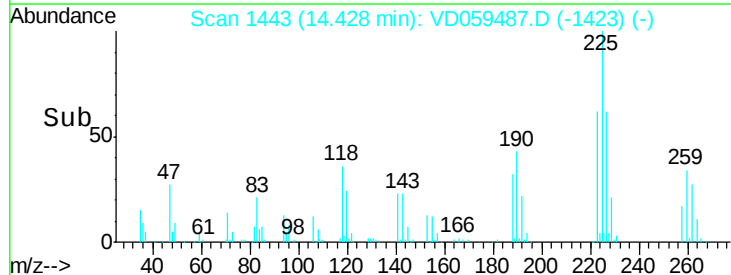
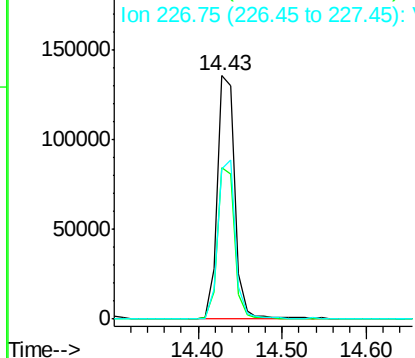


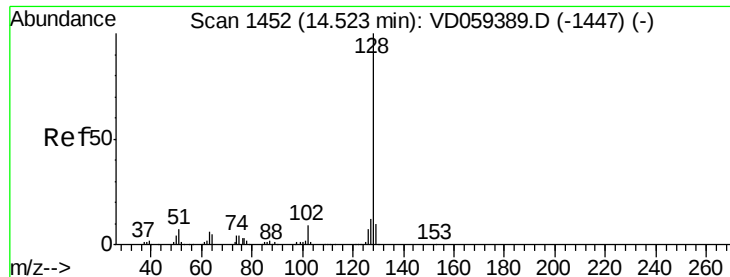
#94
 Hexachlorobutadiene
 Concen: 22.662 ug/l
 RT: 14.43 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: VD059487.D
 Acq: 29 Jun 2018 13:02

Tgt Ion:225 Resp: 197850
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.0 90.1
 227 61.9 32.1 96.5



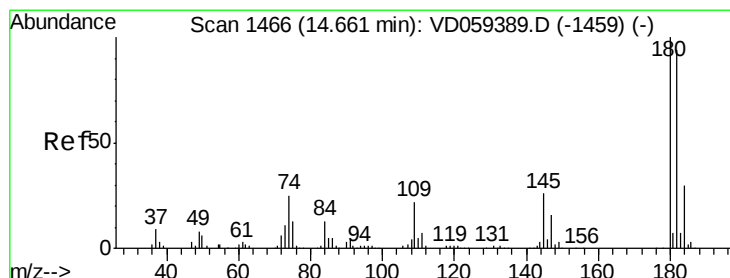
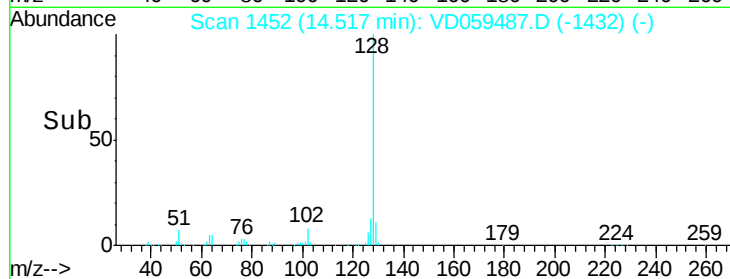
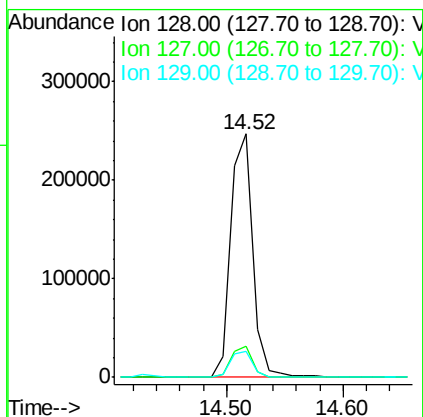
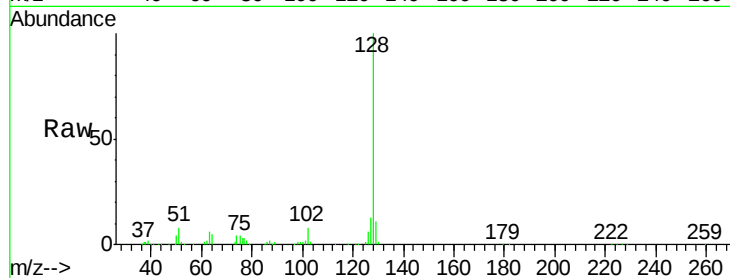
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 20.082 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tot Ion:128 Resp: 324729
Ion Ratio Lower Upper
128 100
127 12.6 9.6 14.4
129 10.6 8.2 12.2



#96
1,2,3-Trichlorobenzene
Concen: 20.868 ug/l
RT: 14.65 min Scan# 1466
Delta R.T. -0.01 min
Lab File: VD059487.D
Acq: 29 Jun 2018 13:02

Tgt Ion:180 Resp: 217692
Ion Ratio Lower Upper
180 100
182 98.6 47.1 141.4
145 28.6 13.1 39.3

