

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

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

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

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	194823	23.40	ug/l	94
3) Chloromethane	1.47	50	94761	21.88	ug/l	90
4) Vinyl Chloride	1.55	62	92277	20.54	ug/l	100
5) Bromomethane	1.79	94	31108	18.17	ug/l	98
6) Chloroethane	1.87	64	35562	17.27	ug/l	97
7) Trichlorofluoromethane	2.07	101	143637	22.17	ug/l	98
8) Diethyl Ether	2.34	74	26746	18.24	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.55	101	92137	22.88	ug/l	92
10) Methyl Iodide	2.68	142	89320	18.99	ug/l	97
11) Tert butyl alcohol	3.25	59	26517	80.11	ug/l #	90
12) 1,1-Dichloroethene	2.54	96	70175	22.76	ug/l	95
13) Acrolein	2.47	56	28768	97.22	ug/l	98
14) Allyl chloride	2.91	41	149269	21.15	ug/l	95
15) Acrylonitrile	3.34	53	92456	91.01	ug/l	95
16) Acetone	2.60	43	130014	107.67	ug/l	98
17) Carbon Disulfide	2.74	76	197478	20.92	ug/l	98
18) Methyl Acetate	2.93	43	45700	15.58	ug/l	94
19) Methyl tert-butyl Ether	3.39	73	275016	18.12	ug/l	97
20) Methylene Chloride	3.06	84	76234	21.33	ug/l	86
21) trans-1,2-Dichloroethene	3.37	96	100231	18.39	ug/l	85
22) Diisopropyl ether	4.06	45	563760	21.23	ug/l	90
23) Vinyl Acetate	4.00	43	1512865	109.37	ug/l	99
24) 1,1-Dichloroethane	3.96	63	328256	21.61	ug/l	98
25) 2-Butanone	4.83	43	252707	99.90	ug/l	97
26) 2,2-Dichloropropane	4.79	77	275476	23.38	ug/l	98
27) cis-1,2-Dichloroethene	4.79	96	179398	19.59	ug/l	90
28) Bromochloromethane	5.13	49	134964	20.49	ug/l	99
29) Tetrahydrofuran	5.17	42	126303	91.29	ug/l	95
30) Chloroform	5.31	83	335714	20.28	ug/l	97
31) Cyclohexane	5.59	56	252189	23.06	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	281894	21.02	ug/l	99
36) 1,1-Dichloropropene	5.74	75	236858	22.30	ug/l	96
37) Ethyl Acetate	4.92	43	119398	18.46	ug/l	99
38) Carbon Tetrachloride	5.72	117	240386	21.95	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.27	83	229732	22.80	µg/l	98
40) Benzene	6.01	78	557194	21.86	µg/l	99
41) Methacrylonitrile	5.11	41	57911	18.59	µg/l	90
42) 1,2-Dichloroethane	6.12	62	223223	19.82	µg/l	94
43) Isopropyl Acetate	7.62	43	152755	18.81	µg/l #	98
44) Trichloroethene	6.98	130	175792	21.06	µg/l	94
45) 1,2-Dichloropropane	7.34	63	148970	21.10	µg/l	99
46) Dibromomethane	7.46	93	100380	19.77	µg/l	93
47) Bromodichloromethane	7.73	83	245591	21.62	µg/l	99
48) Methyl methacrylate	7.51	41	88461	17.87	µg/l	98
49) 1,4-Dioxane	7.48	88	17656	355.73	µg/l	93
51) 4-Methyl-2-Pentanone	8.59	43	517372	95.58	µg/l	98
52) Toluene	8.80	92	324660	21.33	µg/l	95
53) t-1,3-Dichloropropene	9.18	75	204809	21.57	µg/l	99
54) cis-1,3-Dichloropropene	8.35	75	238982	21.74	µg/l	99
55) 1,1,2-Trichloroethane	9.45	97	113487	20.53	µg/l	96
56) Ethyl methacrylate	9.31	69	125141	19.84	µg/l	99
57) 1,3-Dichloropropane	9.66	76	189635	20.98	µg/l	96
58) 2-Chloroethyl Vinyl ether	8.19	63	326769	100.65	µg/l	100
59) 2-Hexanone	9.78	43	389573	101.26	µg/l	98
60) Dibromochloromethane	9.96	129	151440	19.57	µg/l	98
61) 1,2-Dibromoethane	10.09	107	121714	19.78	µg/l	95
64) Tetrachloroethene	9.51	164	168947	20.67	µg/l	98
65) Chlorobenzene	10.72	112	377139	22.13	µg/l	99
66) 1,1,1,2-Tetrachloroethane	10.84	131	148530	22.71	µg/l	96
67) Ethyl Benzene	10.85	91	678327	23.59	µg/l	100
68) m/p-Xylenes	11.01	106	451946	47.37	µg/l	89
69) o-Xylene	11.41	106	210280	22.29	µg/l	99
70) Styrene	11.43	104	357735	22.13	µg/l	94
71) Bromoform	11.60	173	105362	19.44	µg/l	95
73) Isopropylbenzene	11.77	105	607865	21.57	µg/l	97
74) N-amyl acetate	11.64	43	205548	19.17	µg/l	96
75) 1,1,2,2-Tetrachloroethane	12.07	83	135475	20.49	µg/l	97
76) 1,2,3-Trichloropropane	12.11	75	137715	19.99	µg/l	95
77) Bromobenzene	12.04	156	189224	21.33	µg/l	98
78) n-propylbenzene	12.15	91	813109	22.78	µg/l	98
79) 2-Chlorotoluene	12.21	91	459188	21.91	µg/l	100
80) 1,3,5-Trimethylbenzene	12.32	105	482252	21.50	µg/l	97
81) trans-1,4-Dichloro-2-buten	11.84	75	32955	21.05	µg/l	96
82) 4-Chlorotoluene	12.32	91	509532	21.44	µg/l	97
83) tert-Butylbenzene	12.58	119	543543	22.78	µg/l	98
84) 1,2,4-Trimethylbenzene	12.63	105	485777	20.46	µg/l	98
85) sec-Butylbenzene	12.75	105	660007	22.54	µg/l	98
86) p-Isopropyltoluene	12.88	119	538624	22.82	µg/l	99
87) 1,3-Dichlorobenzene	12.84	146	311787	21.37	µg/l	100
88) 1,4-Dichlorobenzene	12.92	146	317026	22.02	µg/l	96
89) n-Butylbenzene	13.20	91	597503	25.65	µg/l	98
90) Hexachloroethane	13.40	117	134410	22.83	µg/l	69
91) 1,2-Dichlorobenzene	13.19	146	283537	22.92	µg/l	98
92) 1,2-Dibromo-3-Chloropropan	13.78	75	20584	18.88	µg/l #	56

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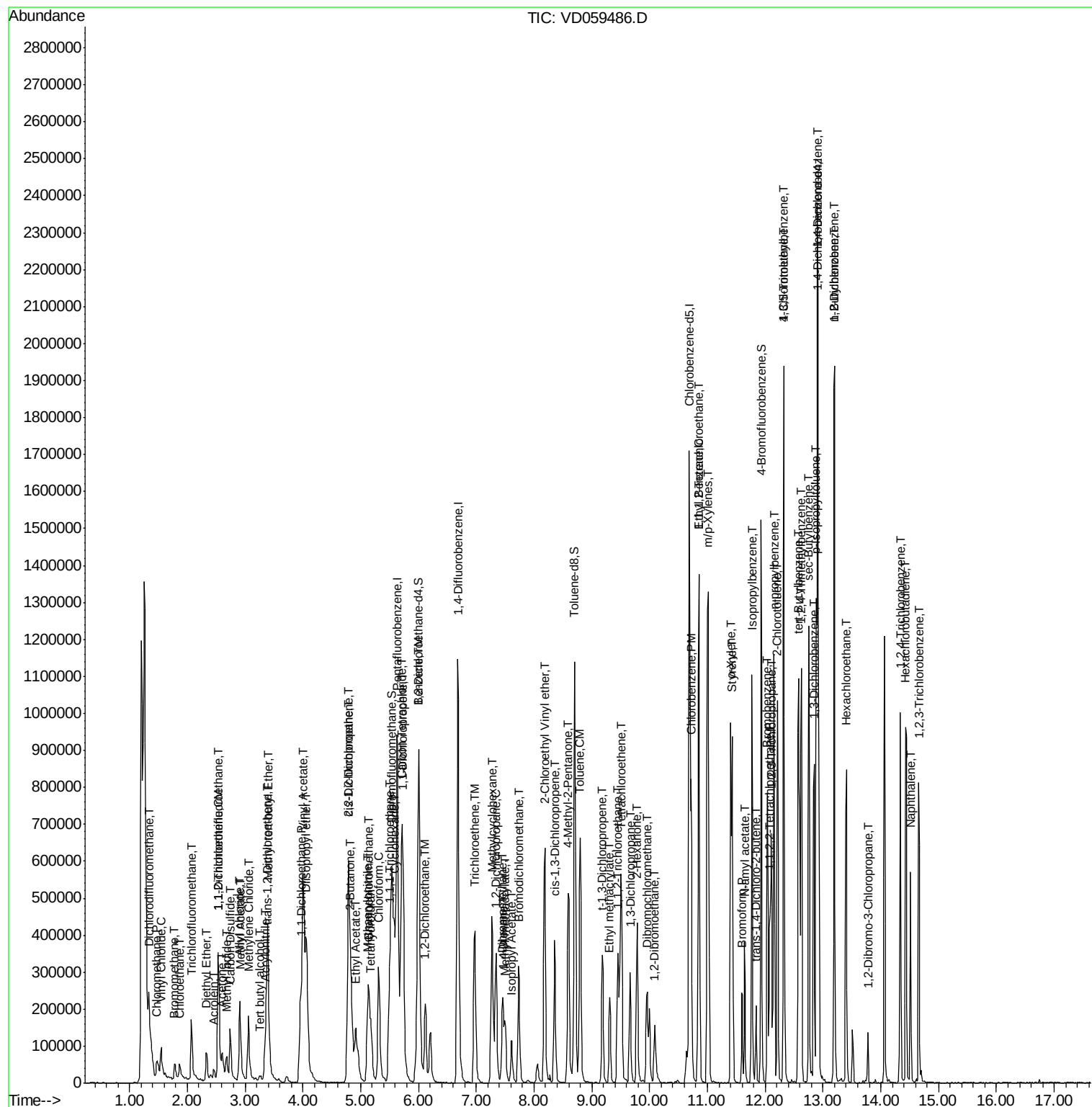
Quant Time: Jun 30 00:24:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062518S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 07:29:35 2018
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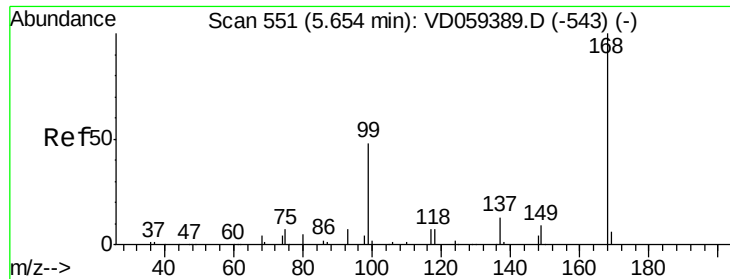
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.34	180	266644	23.31	ug/l	94
94) Hexachlorobutadiene	14.44	225	192493	22.36	ug/l	96
95) Naphthalene	14.52	128	327025	20.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	221550	21.54	ug/l	94

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

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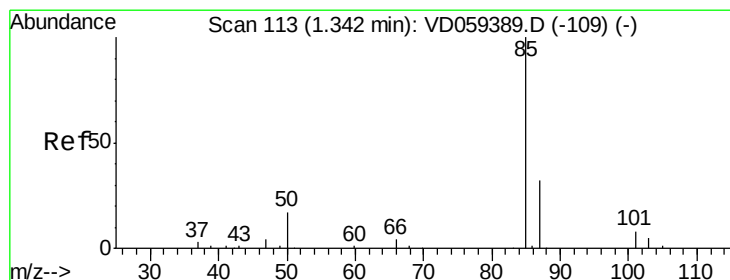
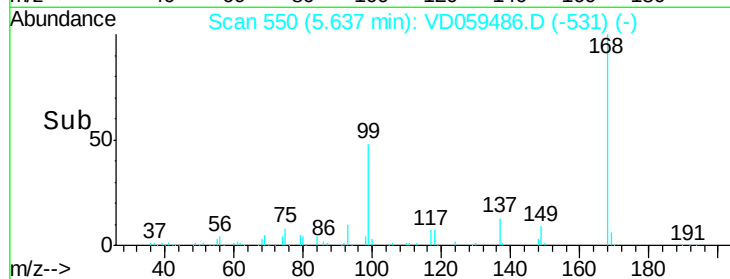
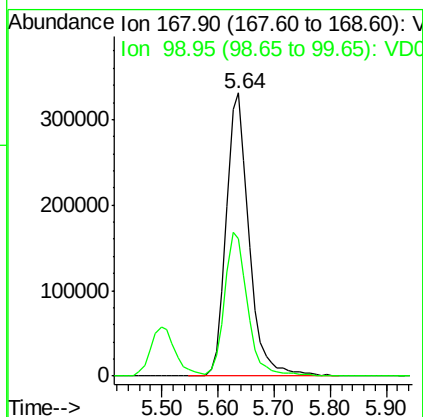
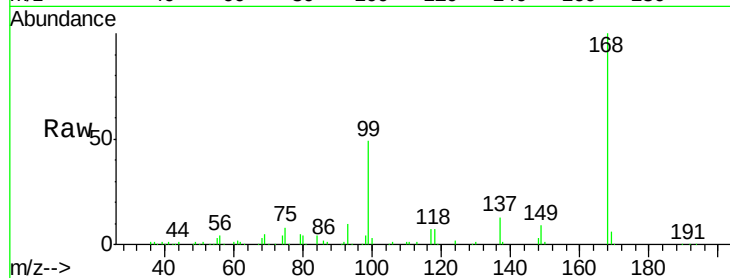




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 168 Resp: 935576

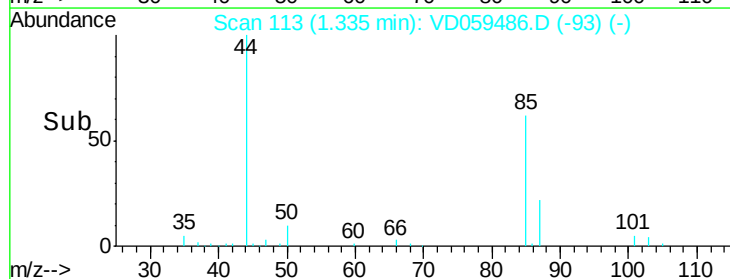
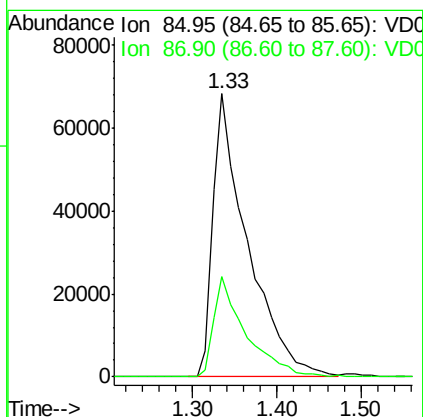
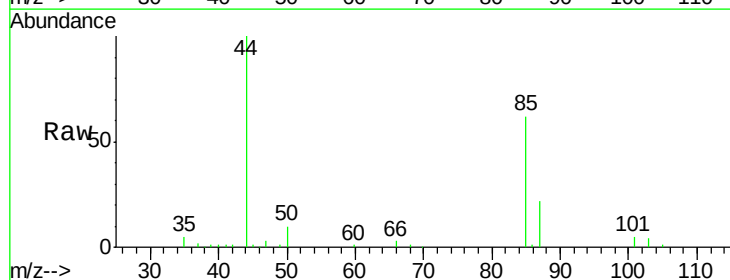
Ion	Ratio	Lower	Upper
168	100		
99	48.6	41.0	61.6

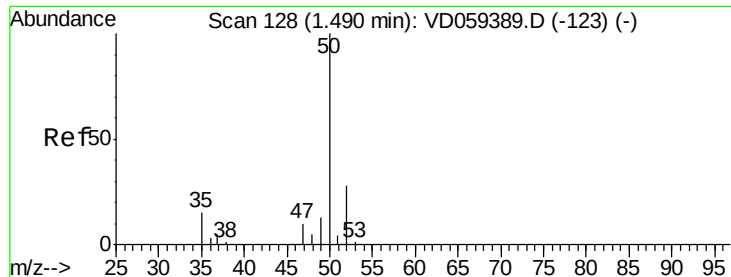


#2
Dichlorodifluoromethane
Concen: 23.40 ug/l
RT: 1.33 min Scan# 113
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 85 Resp: 194823

Ion	Ratio	Lower	Upper
85	100		
87	35.6	16.2	48.6





#3

Chloromethane

Concen: 21.88 ug/l

RT: 1.47 min Scan# 127

Delta R.T. -0.02 min

Lab File: VD059486.D

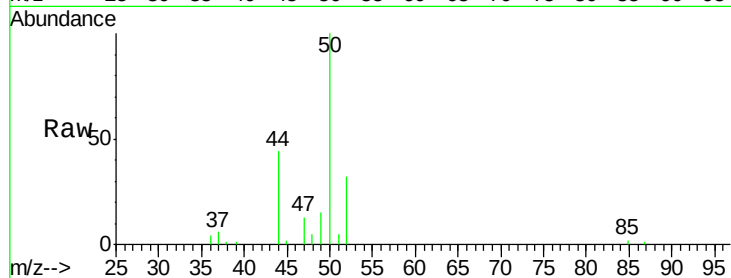
Acq: 29 Jun 2018 12:34

Tot Ion: 50 Resp: 94761

Ion Ratio Lower Upper

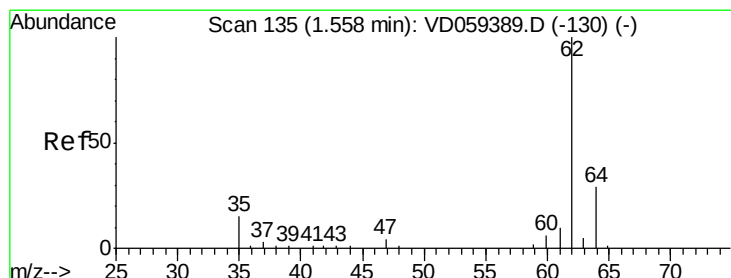
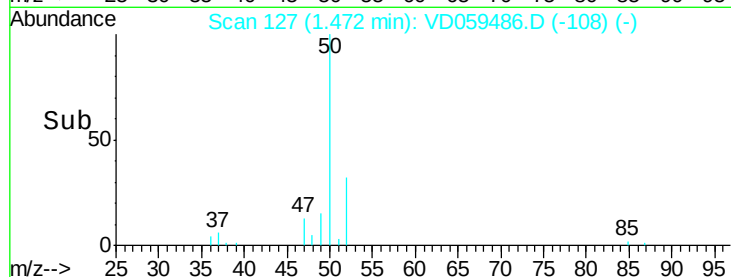
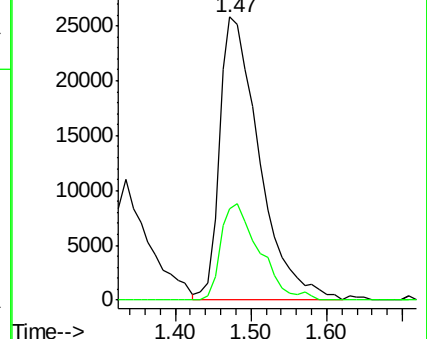
50 100

52 32.5 21.8 32.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.54 ug/l

RT: 1.55 min Scan# 135

Delta R.T. -0.01 min

Lab File: VD059486.D

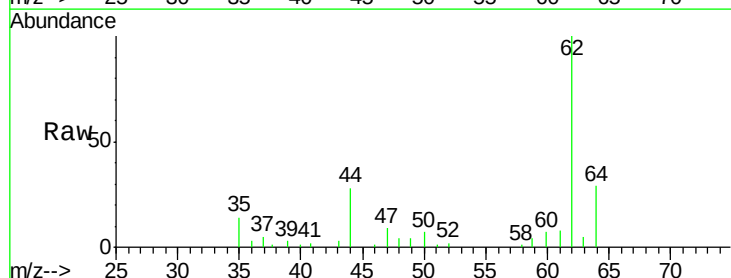
Acq: 29 Jun 2018 12:34

Tgt Ion: 62 Resp: 92277

Ion Ratio Lower Upper

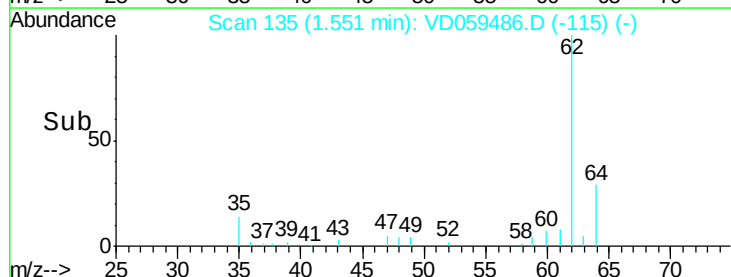
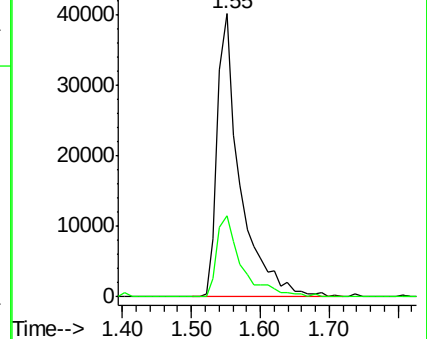
62 100

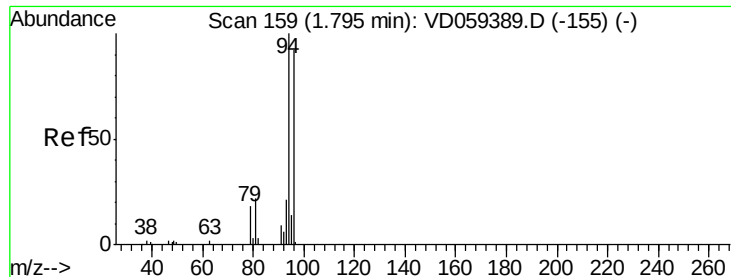
64 28.8 23.0 34.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.17 ug/l

RT: 1.79 min Scan# 159

Delta R.T. -0.01 min

Lab File: VD059486.D

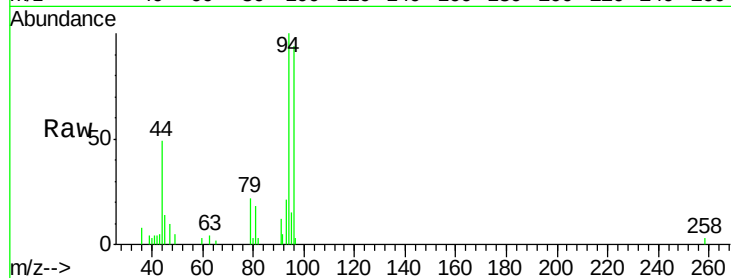
Acq: 29 Jun 2018 12:34

Tot Ion: 94 Resp: 31108

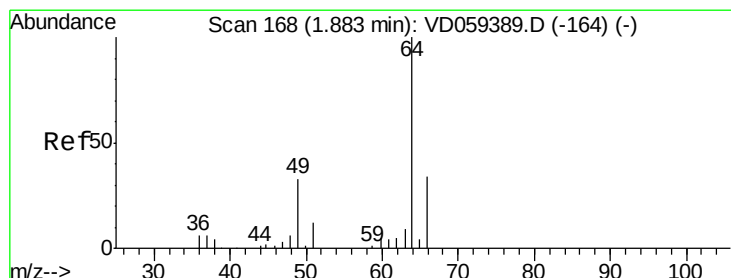
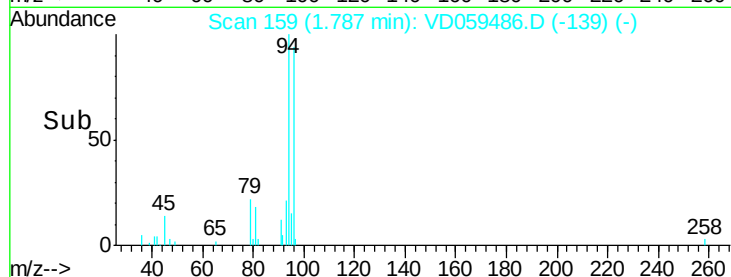
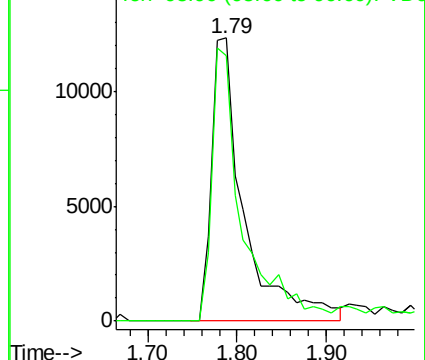
Ion Ratio Lower Upper

94 100

96 93.7 73.4 110.0



Abundance Ion 93.90 (93.60 to 94.60): VDC
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 17.27 ug/l

RT: 1.87 min Scan# 167

Delta R.T. -0.02 min

Lab File: VD059486.D

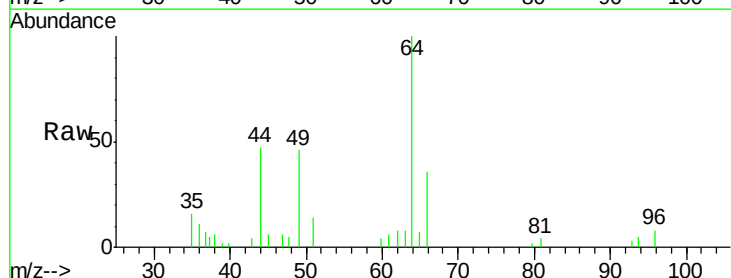
Acq: 29 Jun 2018 12:34

Tgt Ion: 64 Resp: 35562

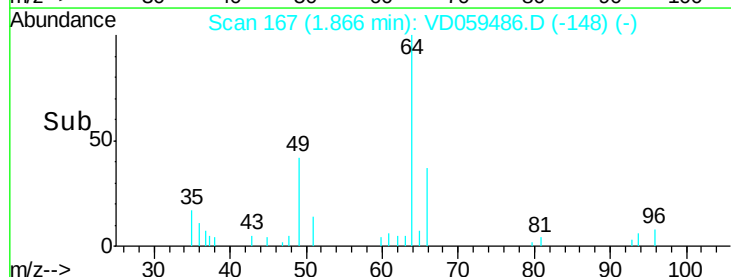
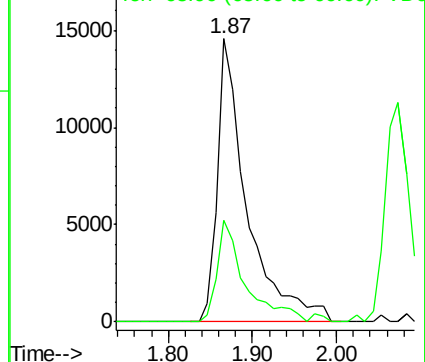
Ion Ratio Lower Upper

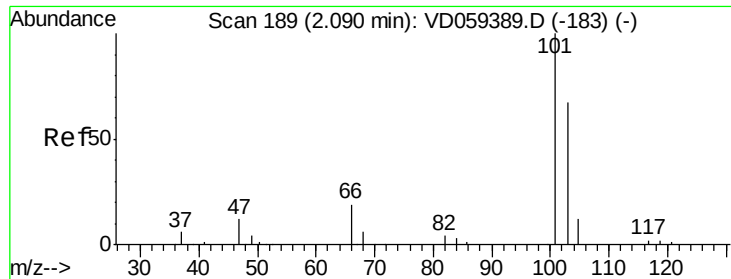
64 100

66 35.7 27.1 40.7



Abundance Ion 63.95 (63.65 to 64.65): VDC
Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 22.17 ug/l

RT: 2.07 min Scan# 188

Delta R.T. -0.02 min

Lab File: VD059486.D

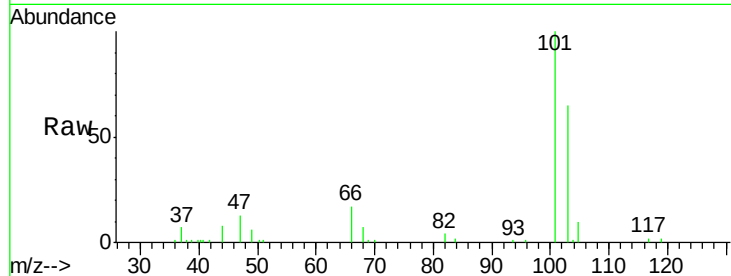
Acq: 29 Jun 2018 12:34

Tot Ion:101 Resp: 143637

Ion Ratio Lower Upper

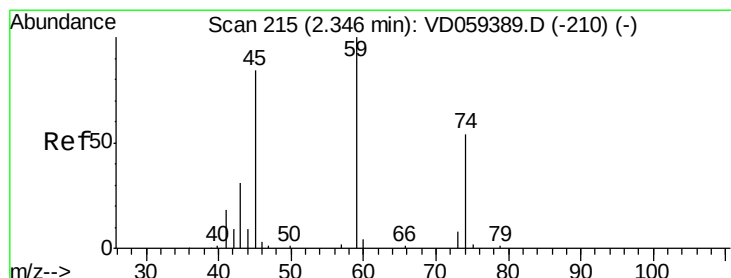
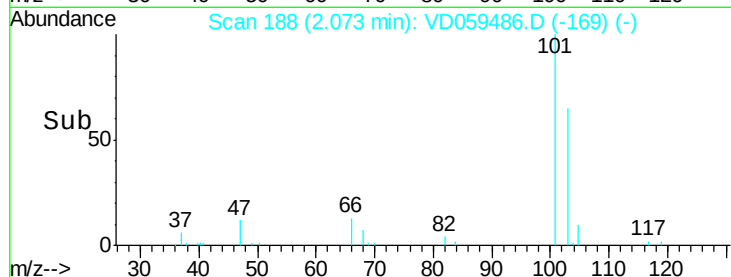
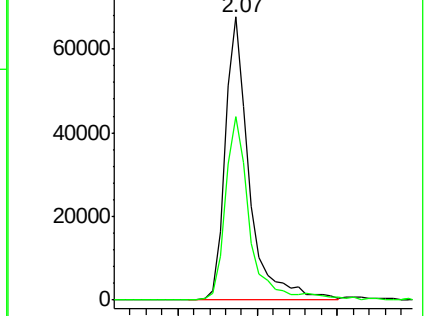
101 100

103 65.0 53.4 80.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 102.85 (102.55 to 103.55): V



#8

Diethyl Ether

Concen: 18.24 ug/l

RT: 2.34 min Scan# 215

Delta R.T. -0.01 min

Lab File: VD059486.D

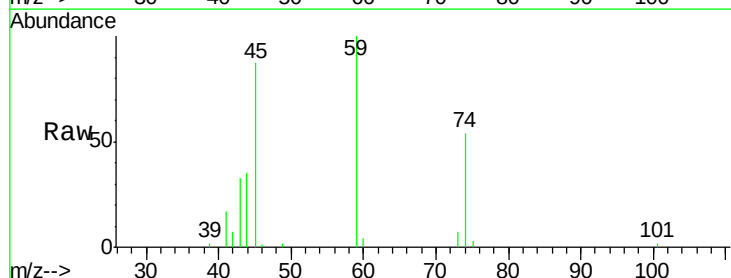
Acq: 29 Jun 2018 12:34

Tgt Ion: 74 Resp: 26746

Ion Ratio Lower Upper

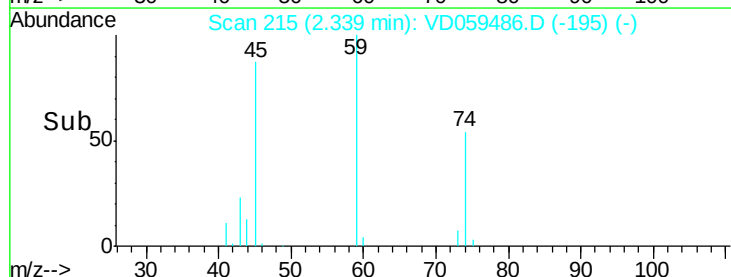
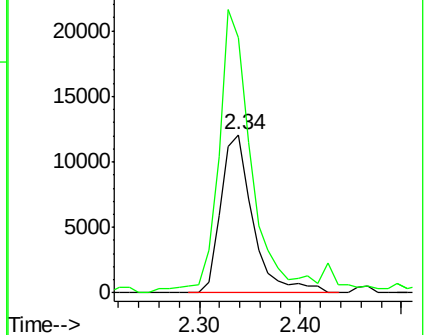
74 100

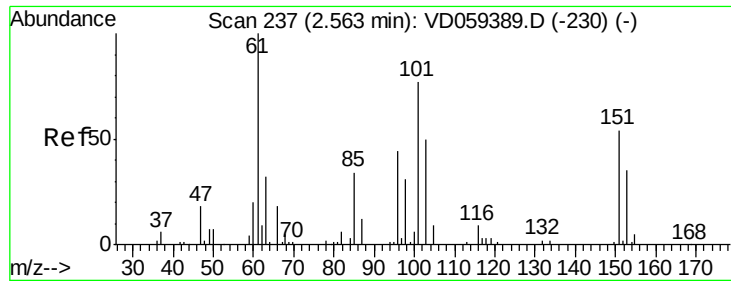
45 161.5 78.0 233.8



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.88 ug/l

RT: 2.55 min Scan# 236

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

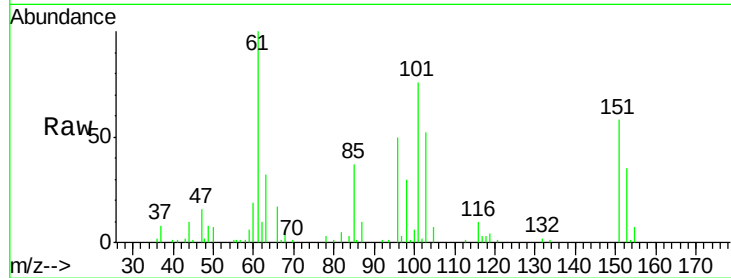
Tot Ion:101 Resp: 92137

Ion Ratio Lower Upper

101 100

85 48.7 35.7 53.5

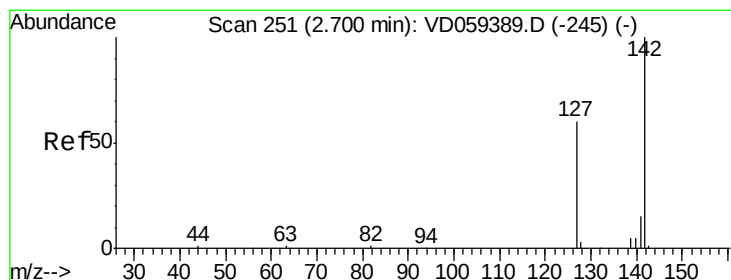
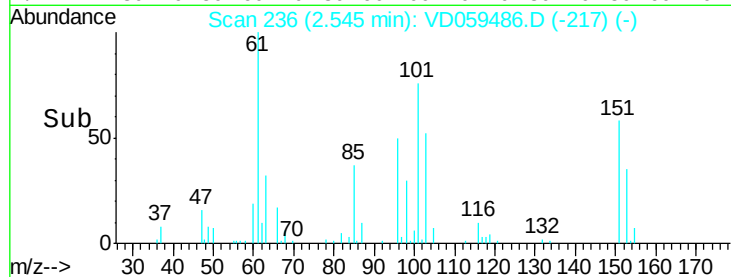
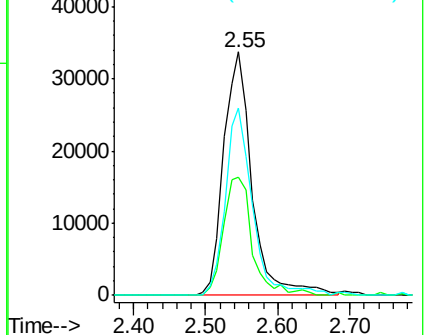
151 76.8 55.8 83.8



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: 18.99 ug/l

RT: 2.68 min Scan# 250

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

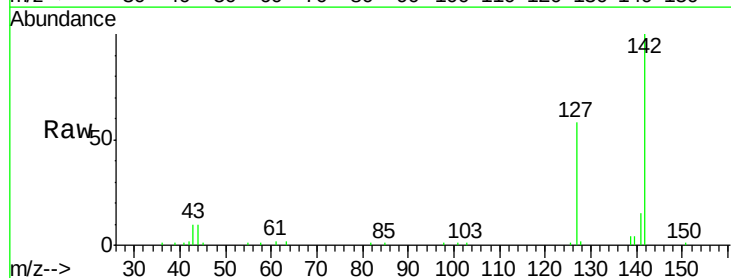
Tgt Ion:142 Resp: 89320

Ion Ratio Lower Upper

142 100

127 57.7 48.4 72.6

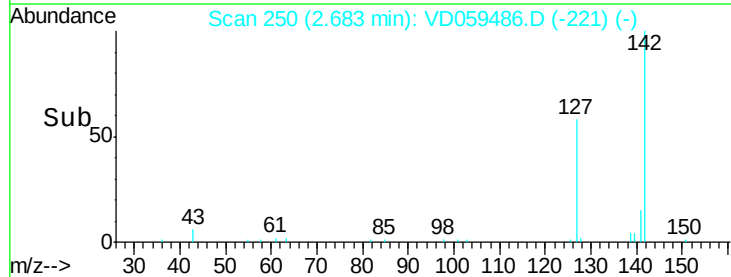
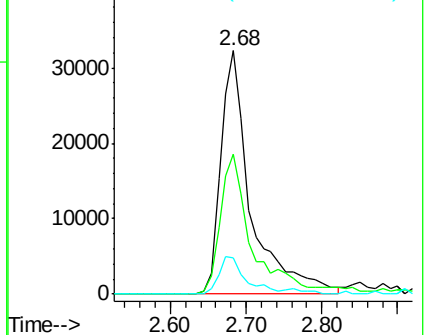
141 15.1 12.1 18.1

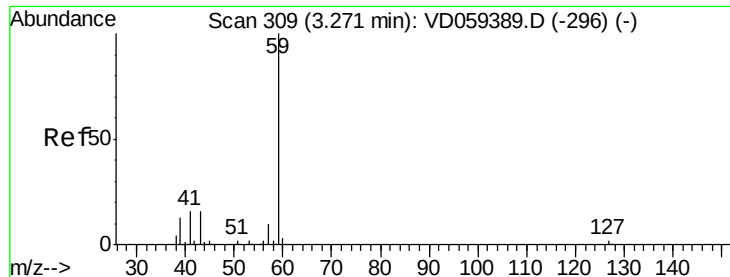


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 80.11 ug/l

RT: 3.25 min Scan# 308

Delta R.T. -0.02 min

Lab File: VD059486.D

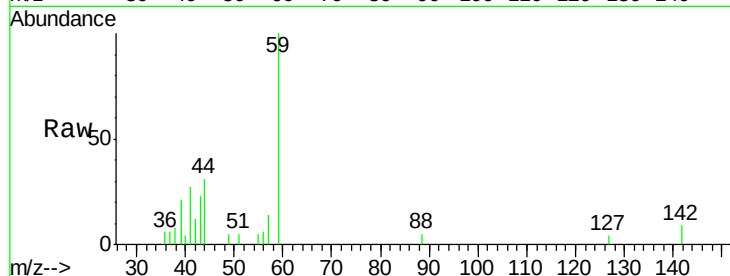
Acq: 29 Jun 2018 12:34

Tot Ion: 59 Resp: 26517

Ion Ratio Lower Upper

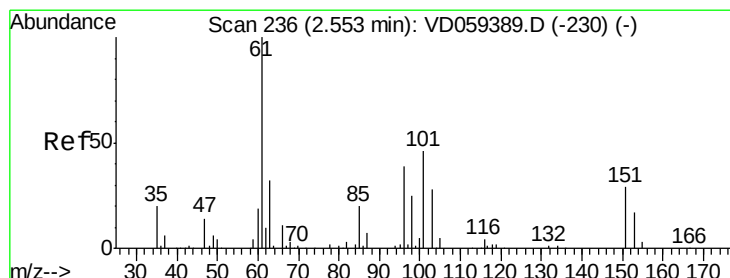
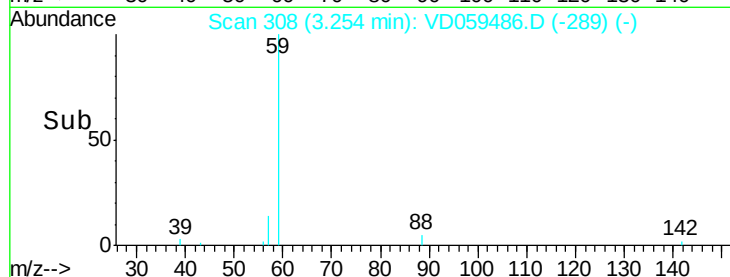
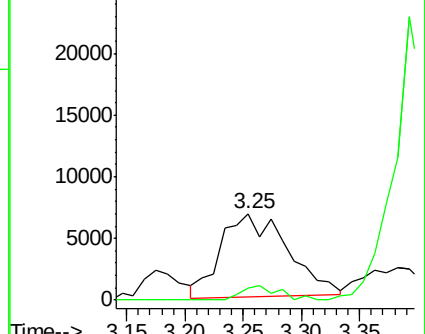
59 100

57 14.1 8.3 12.5#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 22.76 ug/l

RT: 2.54 min Scan# 235

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

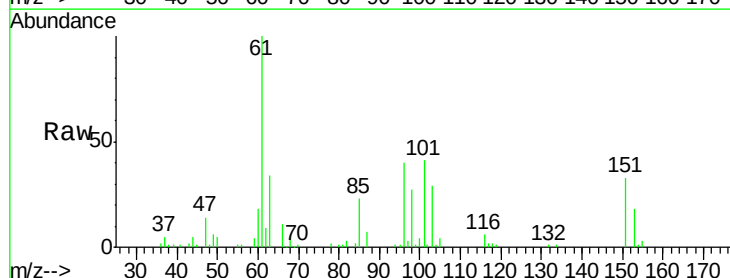
Tgt Ion: 96 Resp: 70175

Ion Ratio Lower Upper

96 100

61 248.0 205.4 308.0

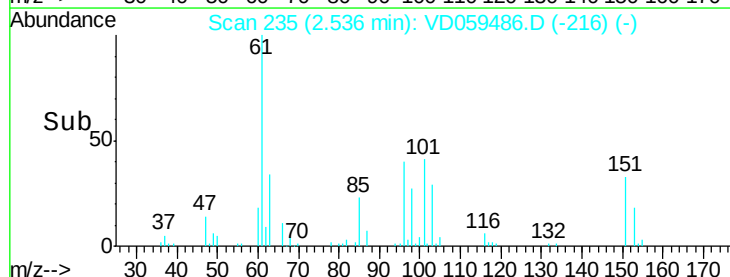
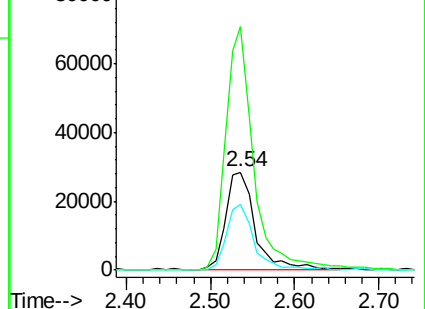
98 67.5 51.0 76.4

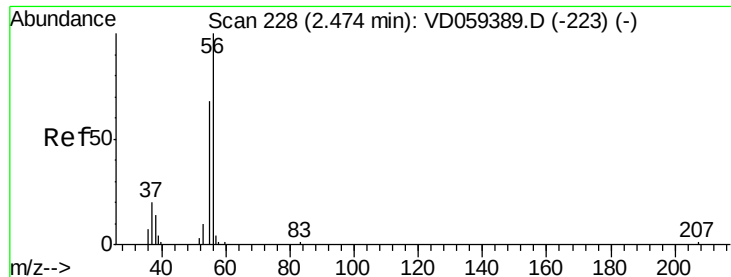


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 97.22 ug/l

RT: 2.47 min Scan# 228

Delta R.T. -0.01 min

Lab File: VD059486.D

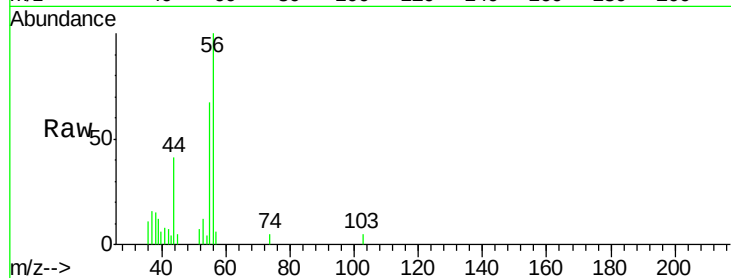
Acq: 29 Jun 2018 12:34

Tot Ion: 56 Resp: 28768

Ion Ratio Lower Upper

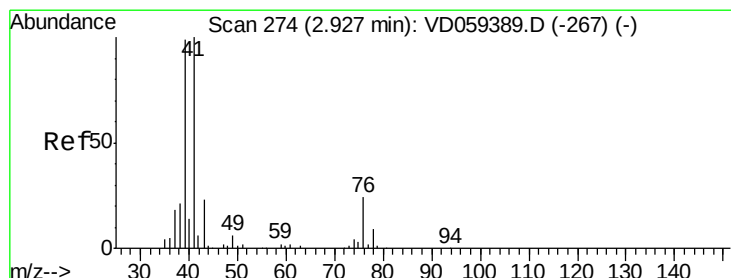
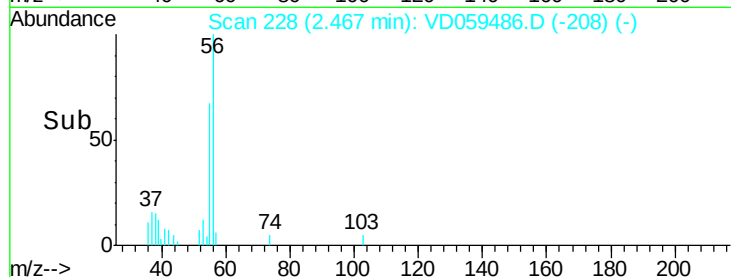
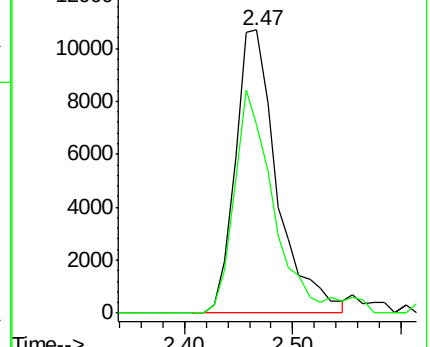
56 100

55 66.8 54.6 82.0



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 21.15 ug/l

RT: 2.91 min Scan# 273

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

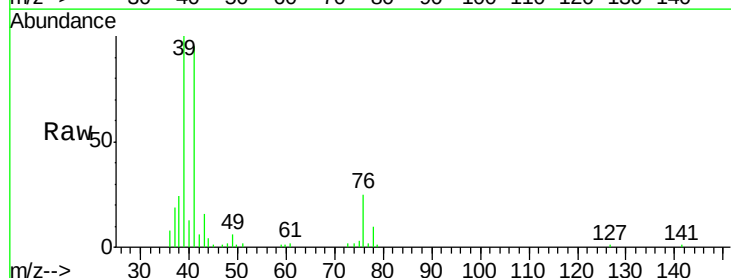
Tgt Ion: 41 Resp: 149269

Ion Ratio Lower Upper

41 100

39 104.9 79.1 118.7

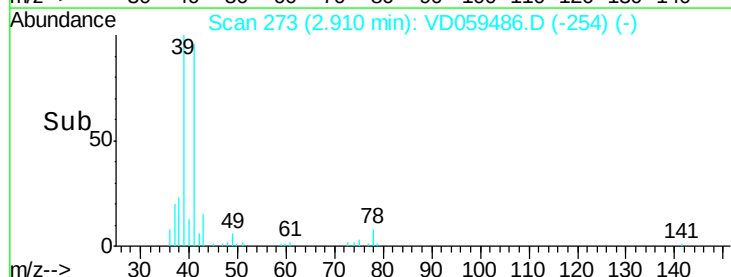
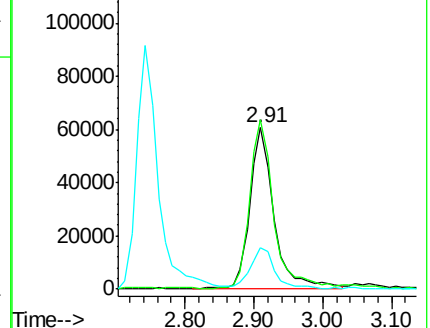
76 26.0 21.9 32.9

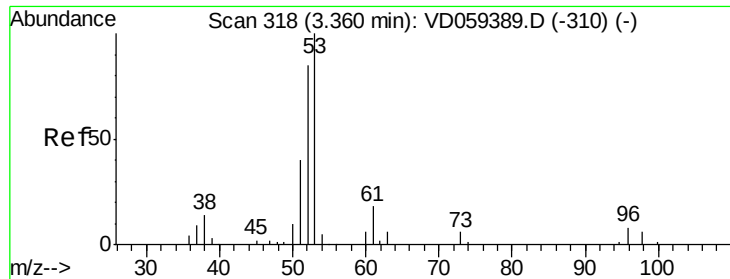


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 91.01 ug/l

RT: 3.34 min Scan# 317

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

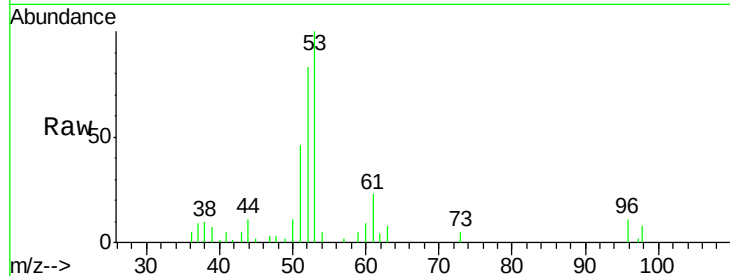
Tot Ion: 53 Resp: 92456

Ion Ratio Lower Upper

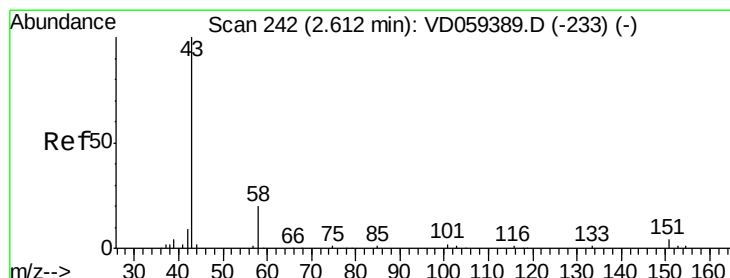
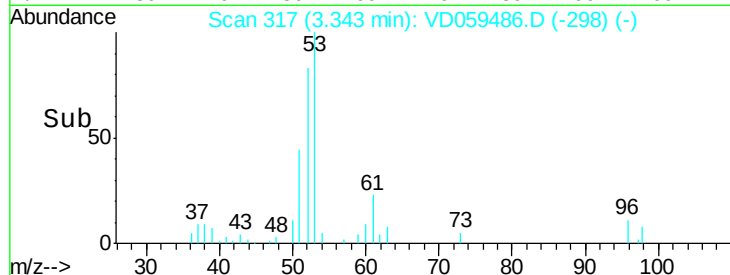
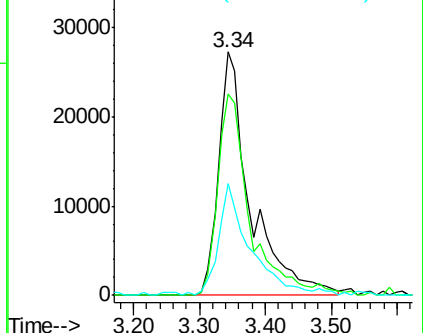
53 100

52 82.7 67.9 101.9

51 46.1 32.2 48.4



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



#16

Acetone

Concen: 107.67 ug/l

RT: 2.60 min Scan# 242

Delta R.T. -0.01 min

Lab File: VD059486.D

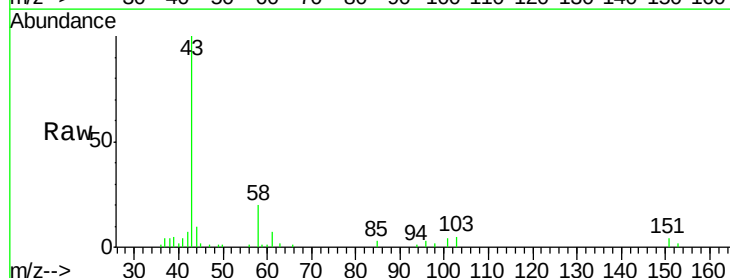
Acq: 29 Jun 2018 12:34

Tgt Ion: 43 Resp: 130014

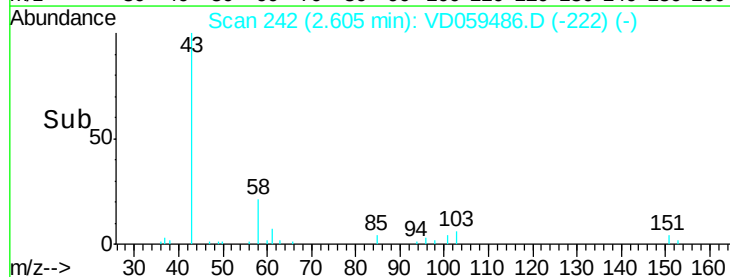
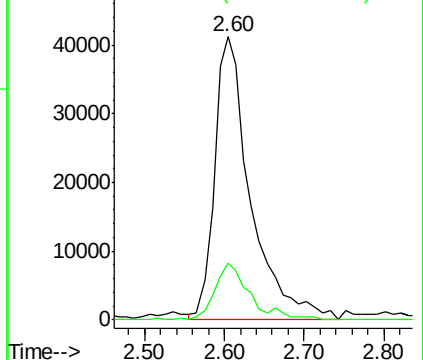
Ion Ratio Lower Upper

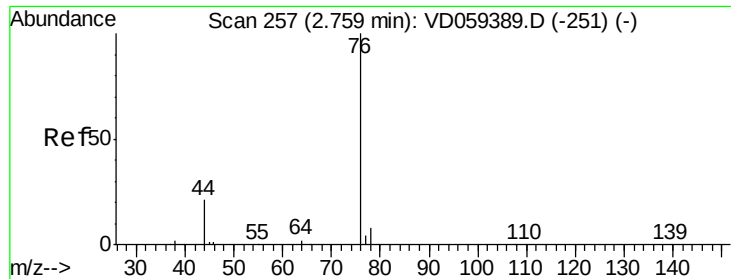
43 100

58 20.3 16.8 25.2



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





#17

Carbon Disulfide

Concen: 20.92 ug/l

RT: 2.74 min Scan# 256

Delta R.T. -0.02 min

Lab File: VD059486.D

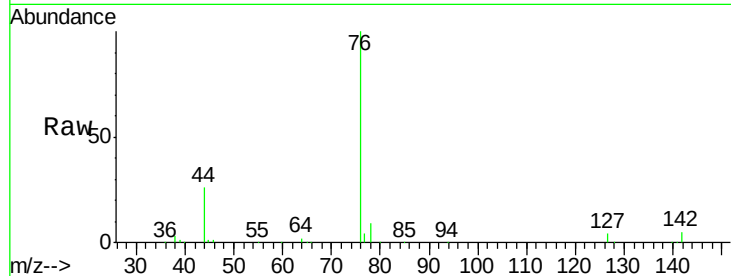
Acq: 29 Jun 2018 12:34

Tot Ion: 76 Resp: 197478

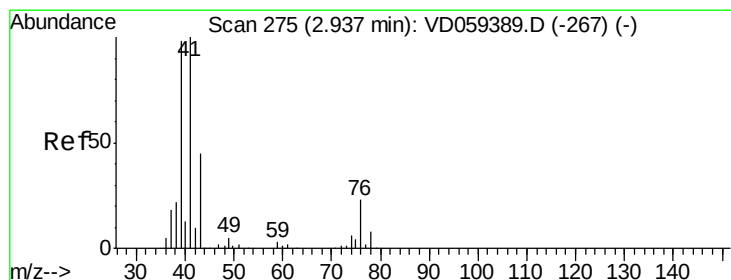
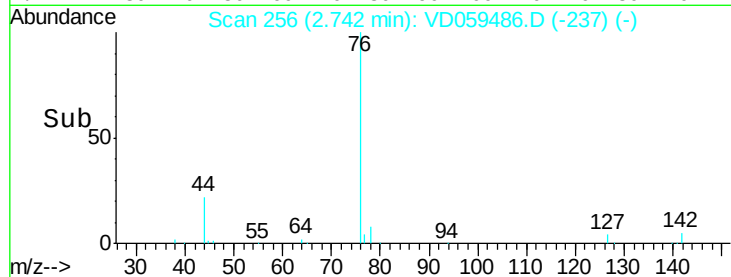
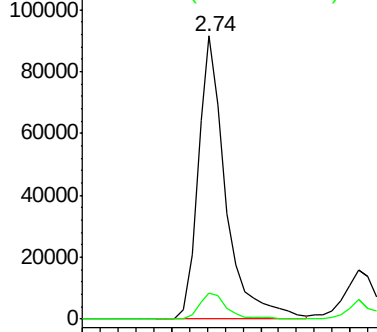
Ion Ratio Lower Upper

76 100

78 9.1 6.6 9.8



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



#18

Methyl Acetate

Concen: 15.58 ug/l

RT: 2.93 min Scan# 275

Delta R.T. -0.01 min

Lab File: VD059486.D

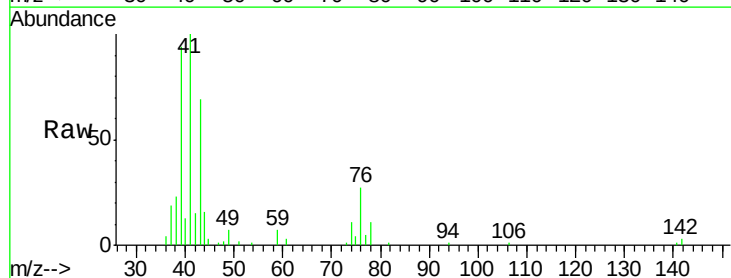
Acq: 29 Jun 2018 12:34

Tgt Ion: 43 Resp: 45700

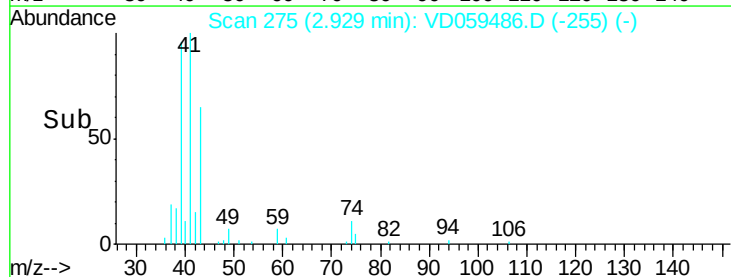
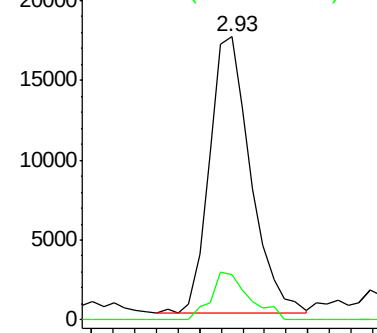
Ion Ratio Lower Upper

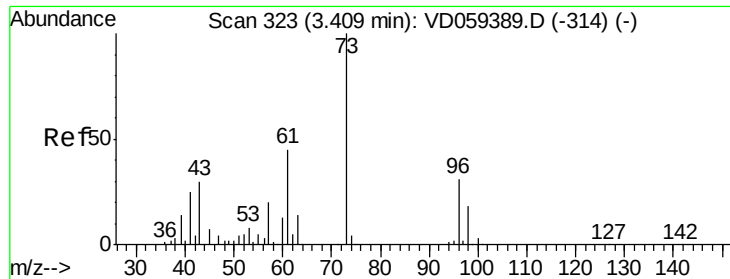
43 100

74 16.0 11.0 16.4



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

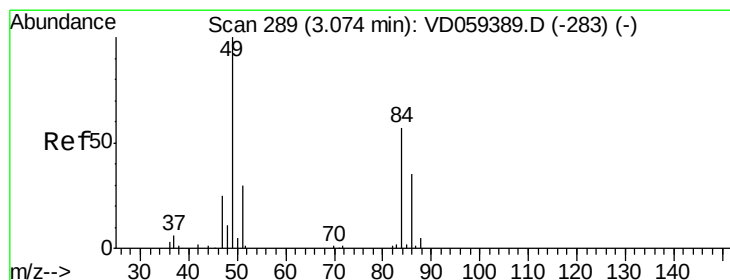
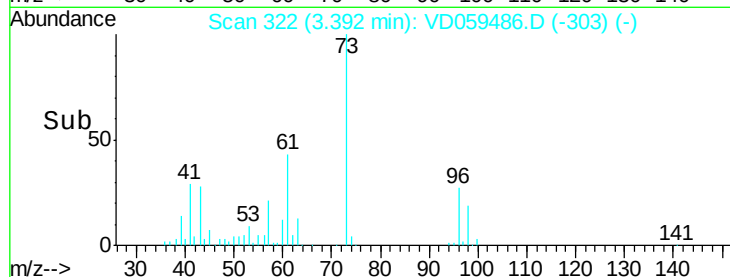
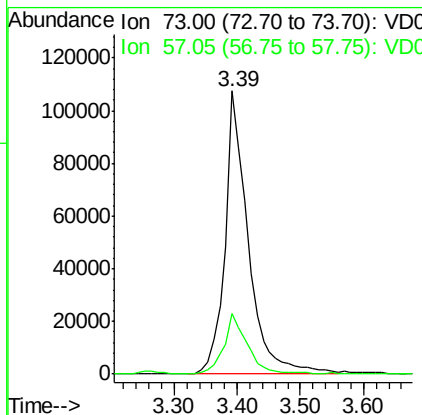
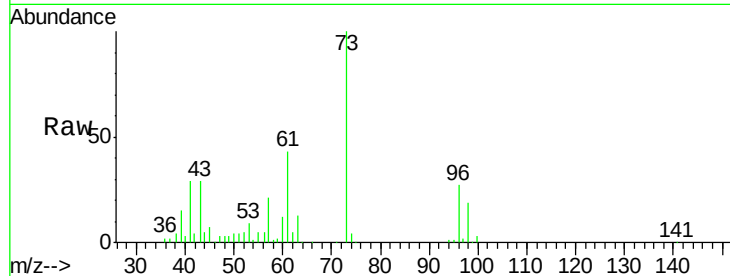




#19

Methyl tert-butyl Ether
 Concen: 18.12 ug/l
 RT: 3.39 min Scan# 322
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

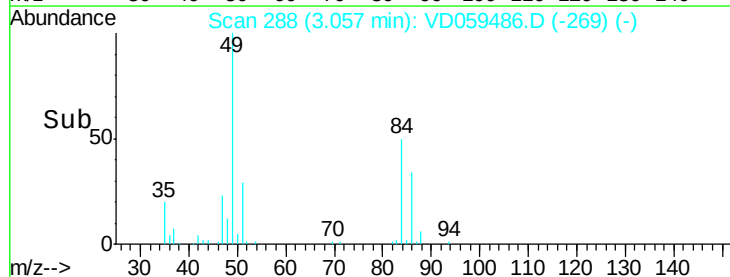
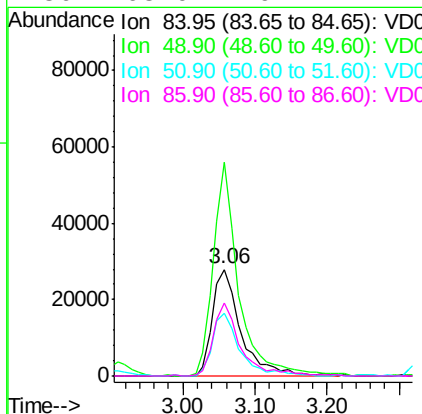
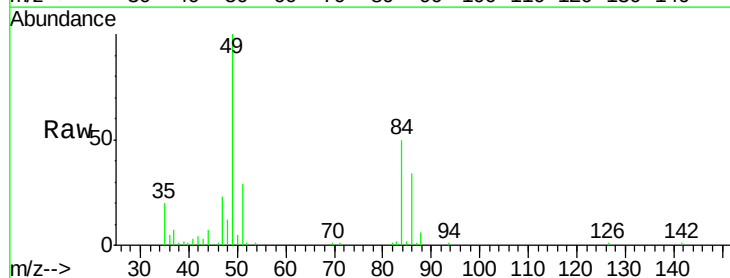
Tot Ion: 73 Resp: 275016
 Ion Ratio Lower Upper
 73 100
 57 21.4 16.1 24.1

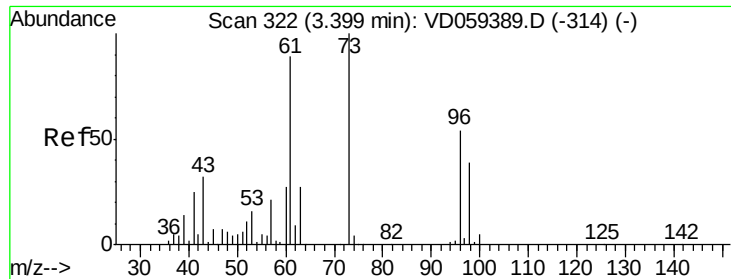


#20

Methylene Chloride
 Concen: 21.33 ug/l
 RT: 3.06 min Scan# 288
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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





#21

trans-1,2-Dichloroethene

Concen: 18.39 ug/l

RT: 3.37 min Scan# 320

Delta R.T. -0.03 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

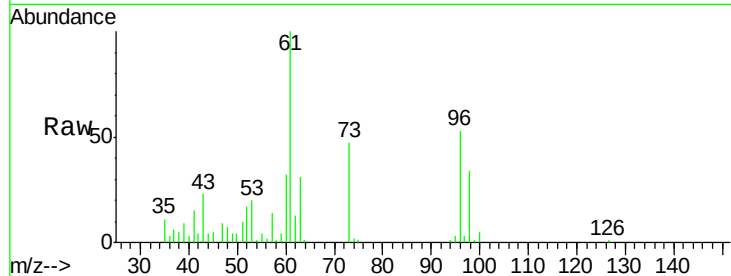
Tot Ion: 96 Resp: 100231

Ion Ratio Lower Upper

96 100

61 187.2 131.0 196.4

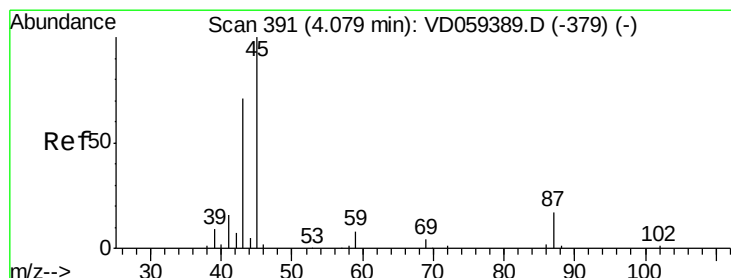
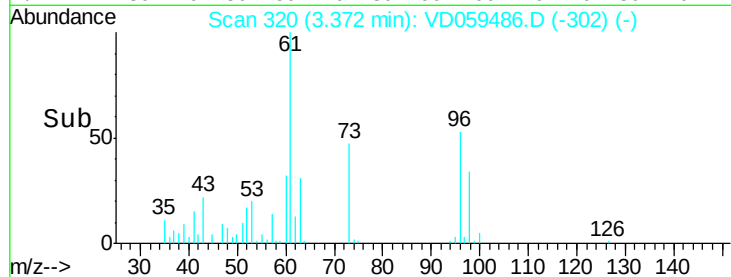
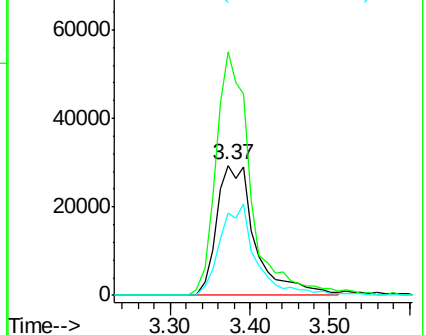
98 63.7 56.8 85.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 21.23 ug/l

RT: 4.06 min Scan# 390

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tgt Ion: 45 Resp: 563760

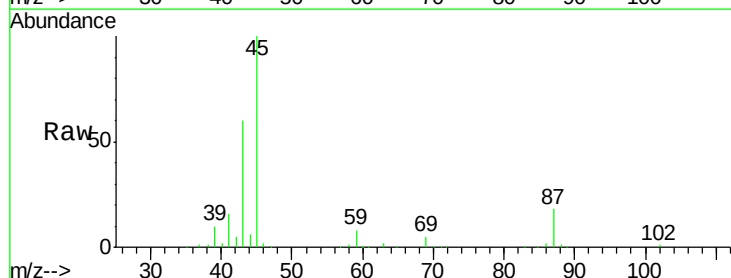
Ion Ratio Lower Upper

45 100

43 60.4 56.9 85.3

87 18.1 14.2 21.4

59 7.8 7.0 10.4

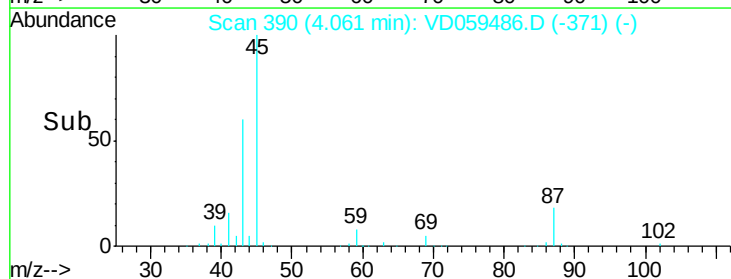
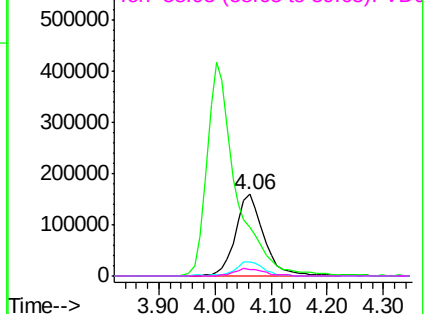


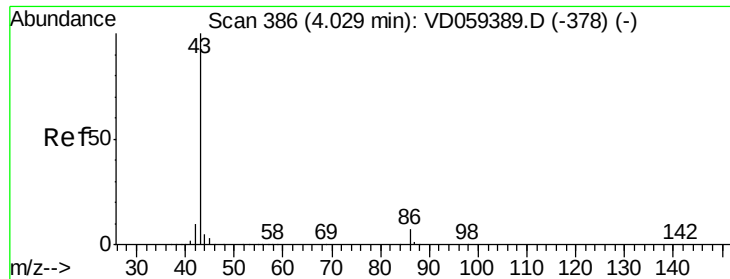
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 109.37 ug/l

RT: 4.00 min Scan# 384

Delta R.T. -0.03 min

Lab File: VD059486.D

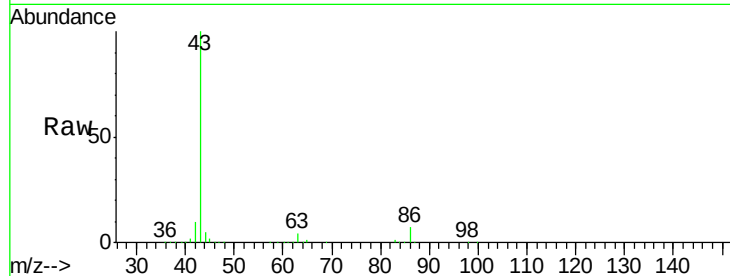
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 1512865

Ion Ratio Lower Upper

43 100

86 6.7 5.2 7.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

4.00

400000

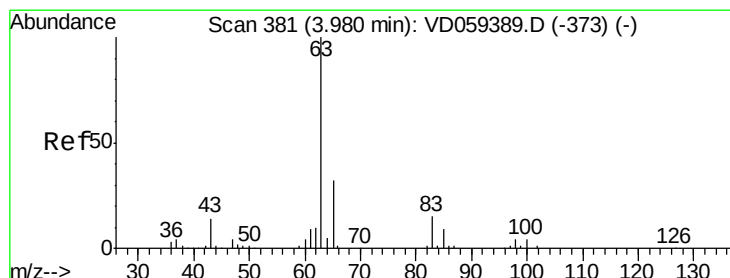
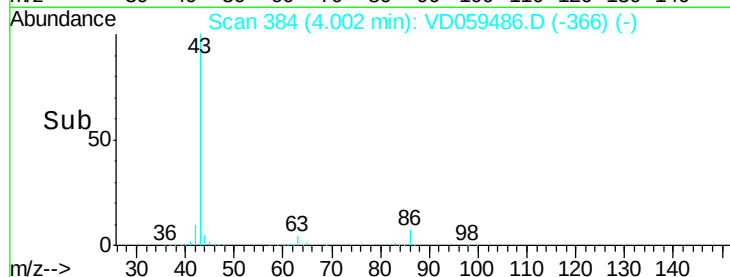
300000

200000

100000

0

Time--> 3.80 3.90 4.00 4.10 4.20



#24

1,1-Dichloroethane

Concen: 21.61 ug/l

RT: 3.96 min Scan# 380

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

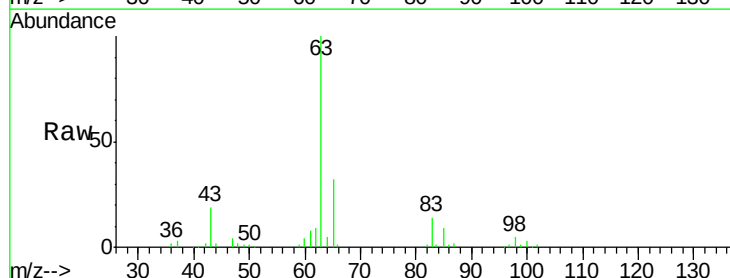
Tgt Ion: 63 Resp: 328256

Ion Ratio Lower Upper

63 100

98 4.7 2.1 6.5

100 2.9 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

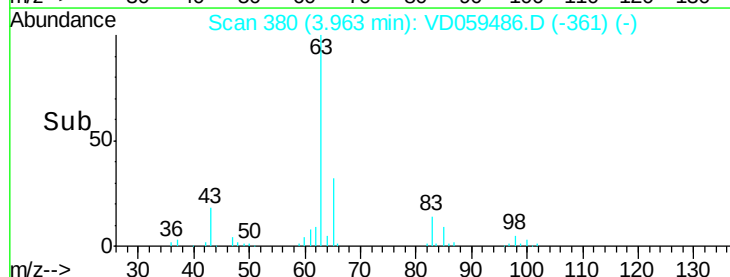
3.96

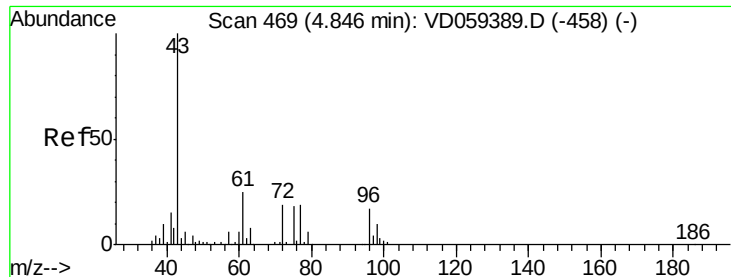
100000

50000

0

Time--> 3.80 3.90 4.00 4.10 4.20





#25

2-Butanone

Concen: 99.90 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.02 min

Lab File: VD059486.D

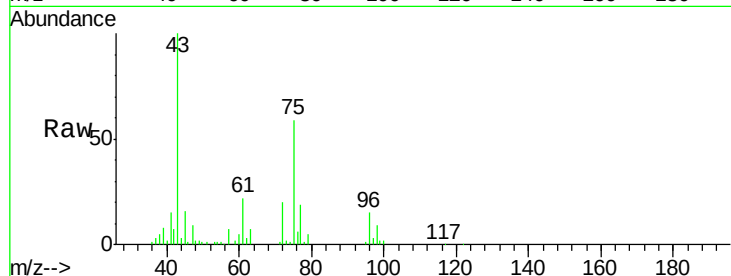
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 252707

Ion Ratio Lower Upper

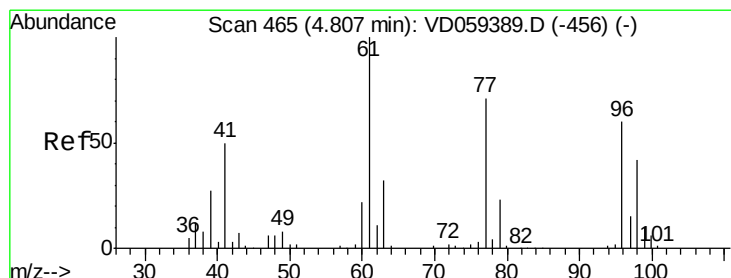
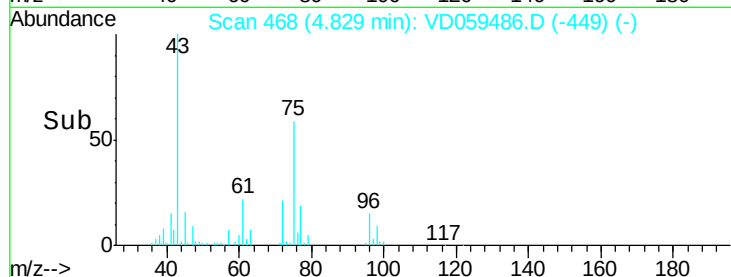
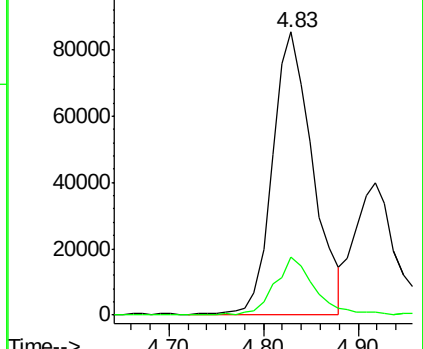
43 100

72 20.4 15.4 23.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 23.38 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.02 min

Lab File: VD059486.D

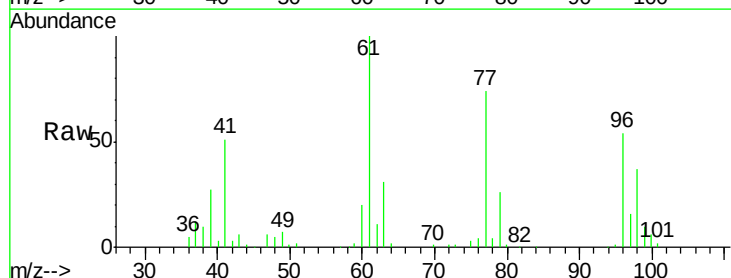
Acq: 29 Jun 2018 12:34

Tgt Ion: 77 Resp: 275476

Ion Ratio Lower Upper

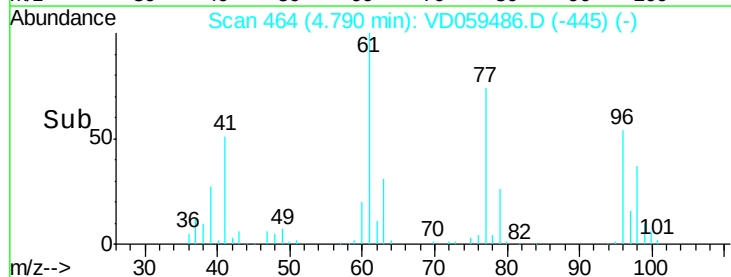
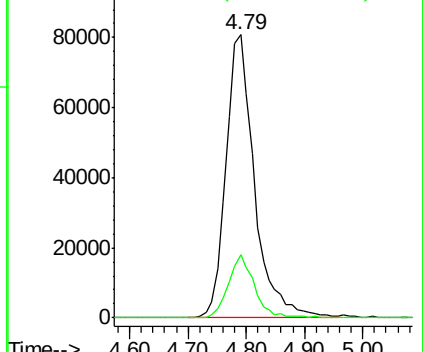
77 100

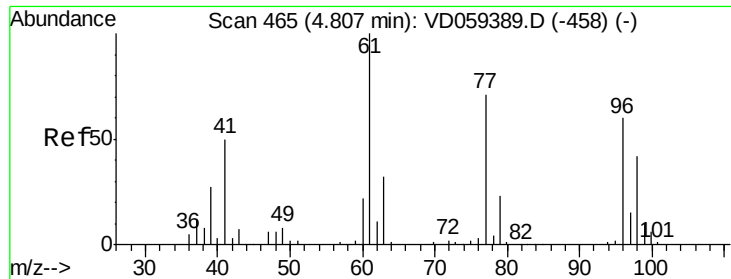
97 22.3 10.7 32.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 19.59 ug/l

RT: 4.79 min Scan# 464

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

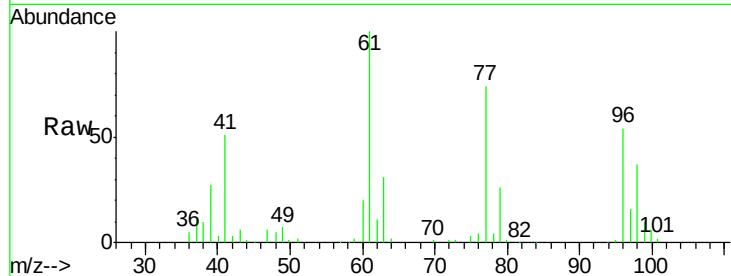
Tot Ion: 96 Resp: 179398

Ion Ratio Lower Upper

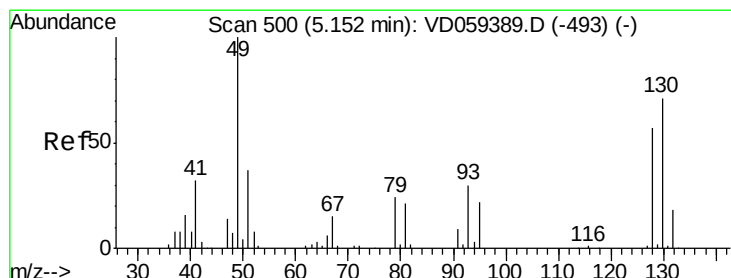
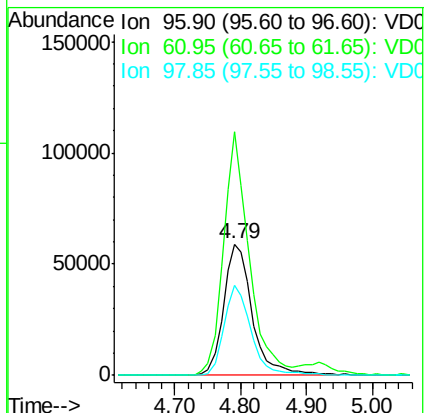
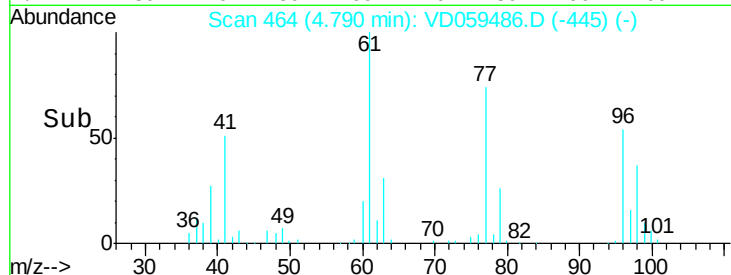
96 100

61 185.2 0.0 335.8

98 68.8 0.0 141.0



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



#28

Bromochloromethane

Concen: 20.49 ug/l

RT: 5.13 min Scan# 499

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

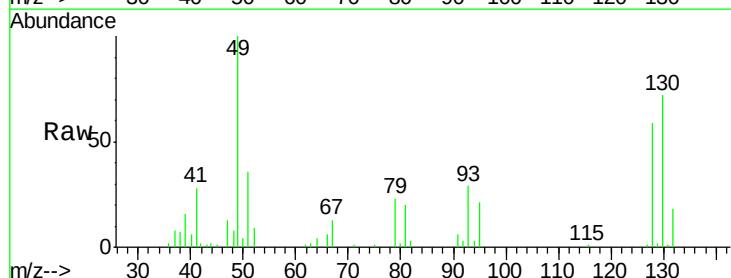
Tgt Ion: 49 Resp: 134964

Ion Ratio Lower Upper

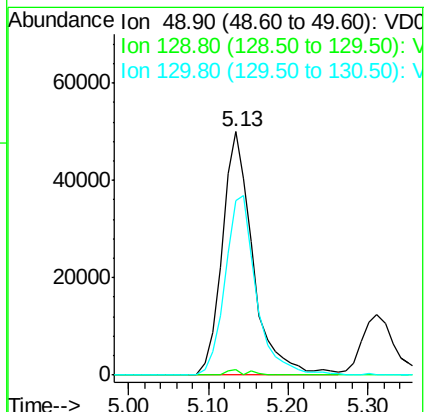
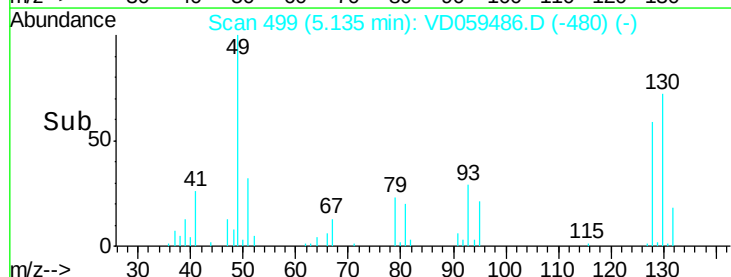
49 100

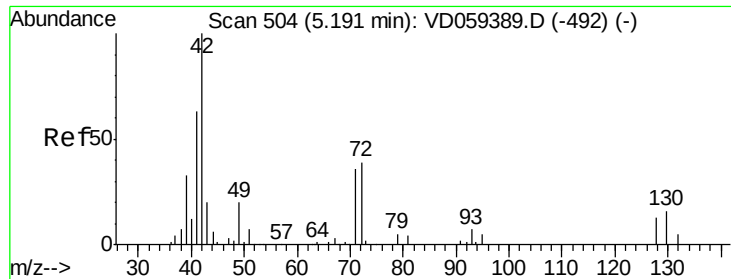
129 2.0 0.0 4.4

130 71.8 57.0 85.6



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





#29

Tetrahydrofuran

Concen: 91.29 ug/l

RT: 5.17 min Scan# 503

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

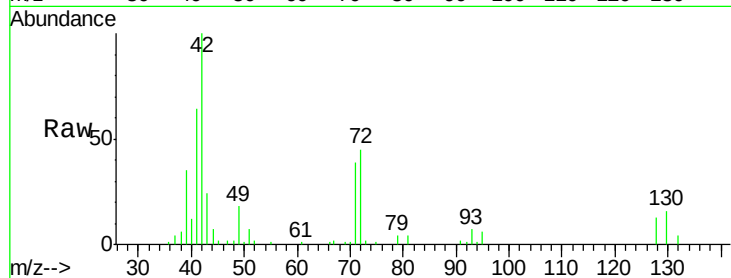
Tot Ion: 42 Resp: 126303

Ion Ratio Lower Upper

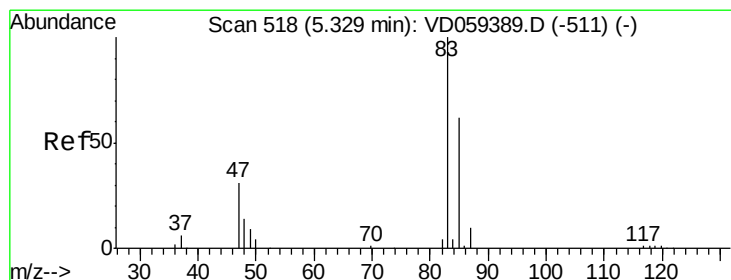
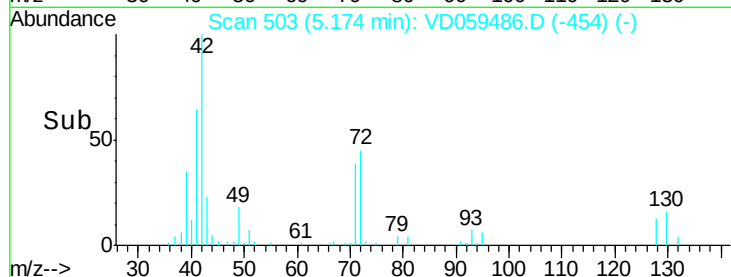
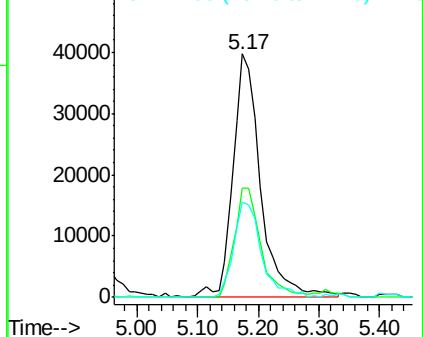
42 100

72 43.2 31.4 47.2

71 39.3 29.7 44.5



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



#30

Chloroform

Concen: 20.28 ug/l

RT: 5.31 min Scan# 517

Delta R.T. -0.02 min

Lab File: VD059486.D

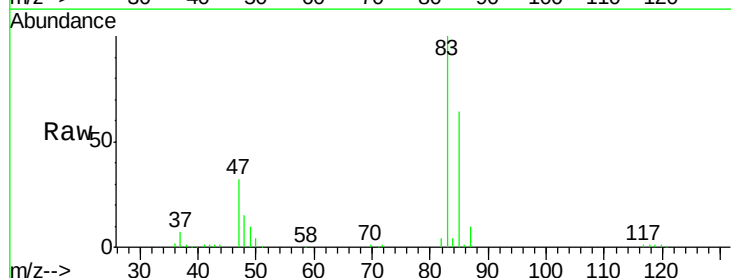
Acq: 29 Jun 2018 12:34

Tgt Ion: 83 Resp: 335714

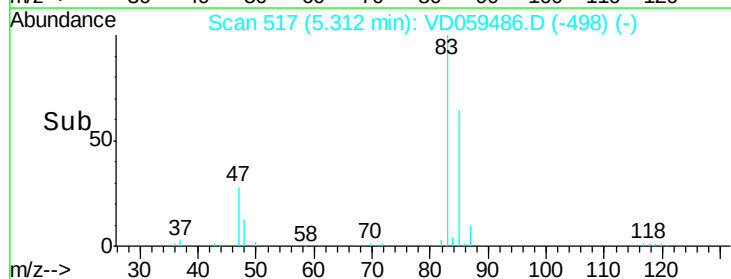
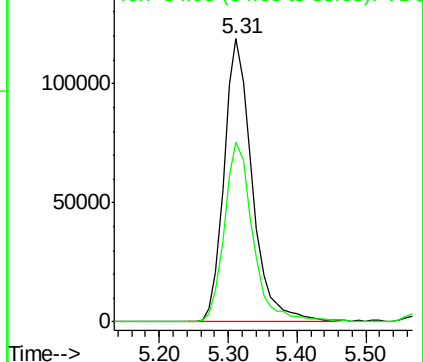
Ion Ratio Lower Upper

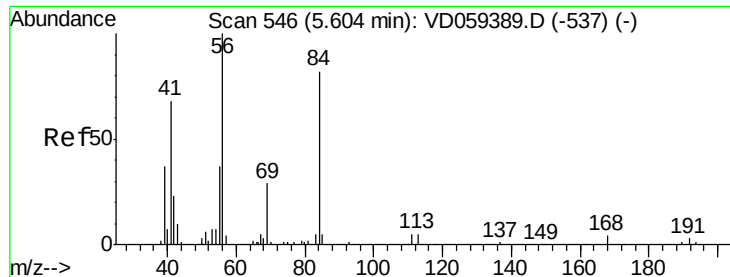
83 100

85 63.6 49.3 73.9



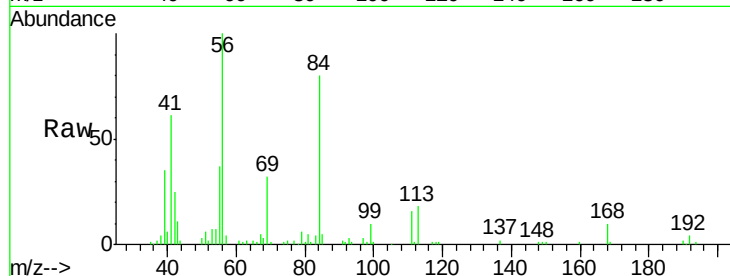
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



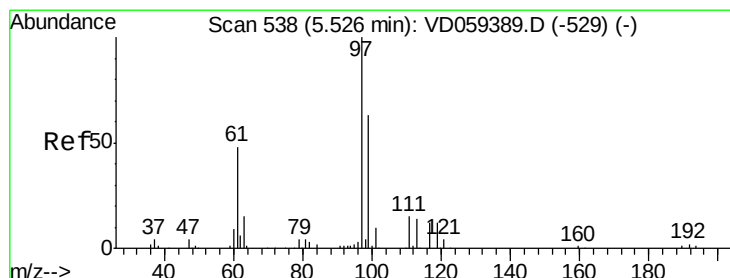
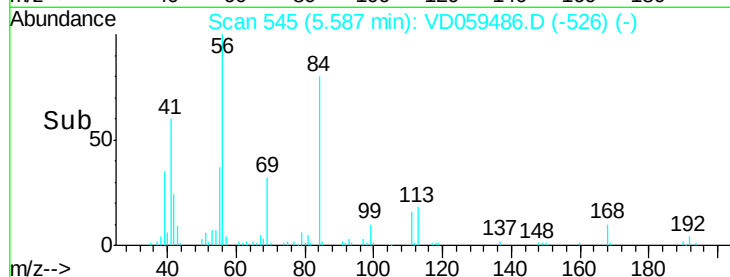
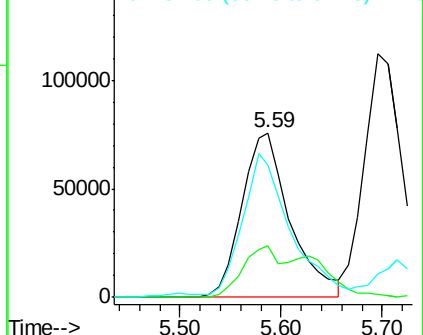


#31
Cyclohexane
Concen: 23.06 ug/l
RT: 5.59 min Scan# 545
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

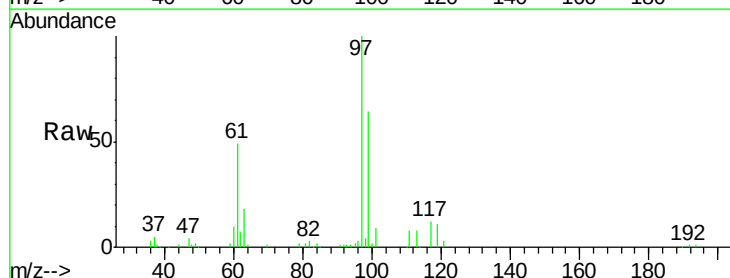


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

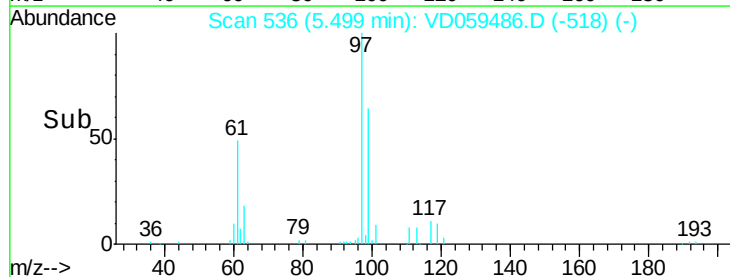
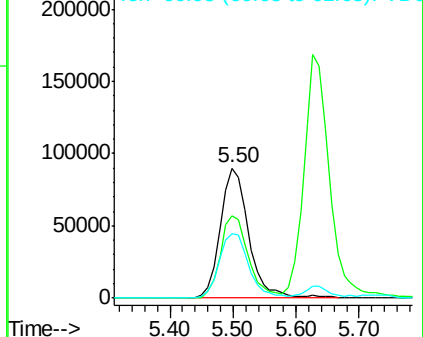


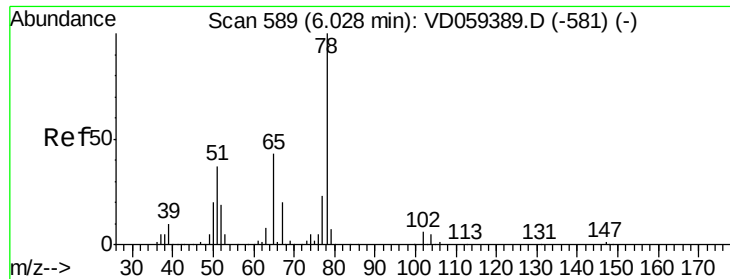
#32
1,1,1-Trichloroethane
Concen: 21.02 ug/l
RT: 5.50 min Scan# 536
Delta R.T. -0.03 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



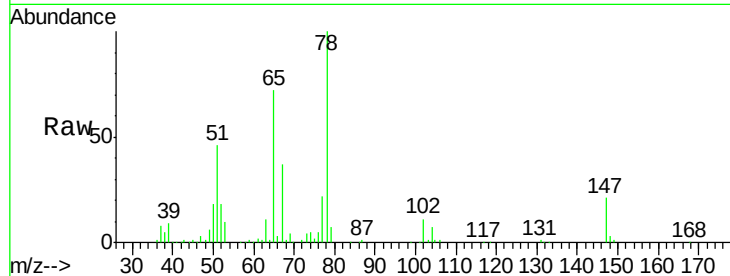
Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC



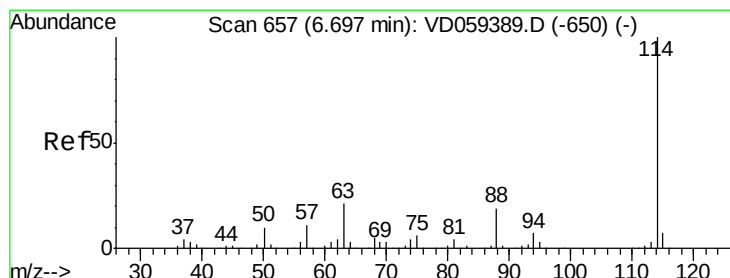
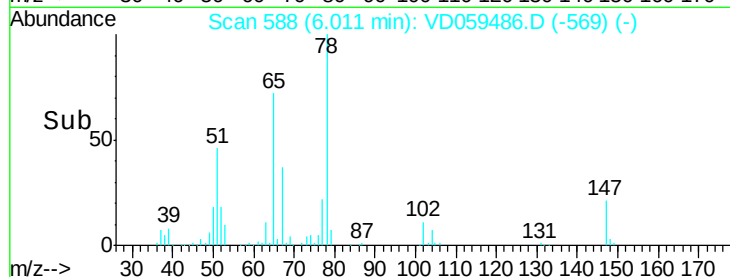
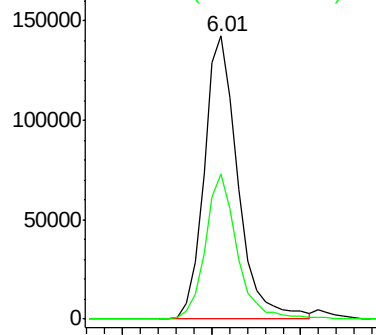


#33
 1,2-Dichloroethane-d4
 Concen: 21.02 ug/l
 RT: 6.01 min Scan# 588
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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

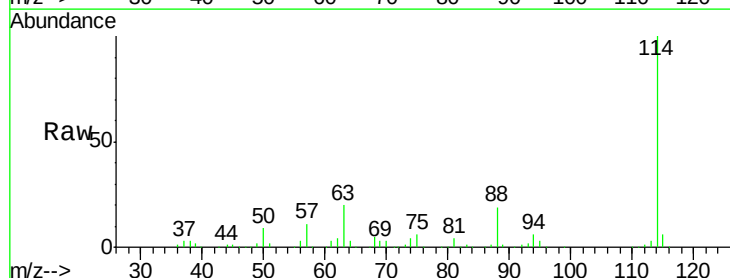


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

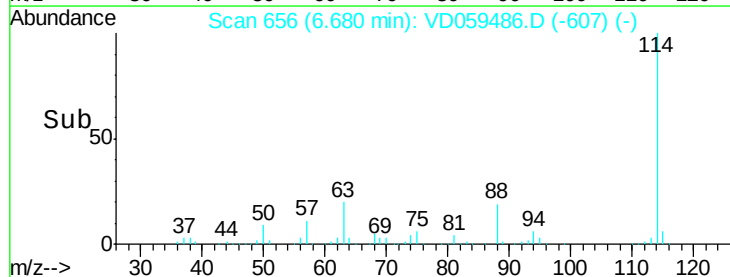
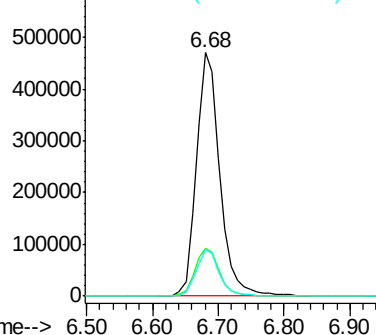


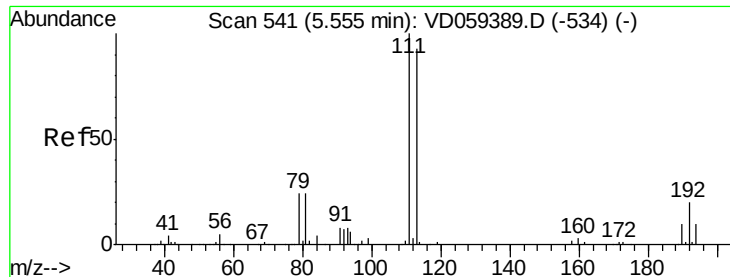
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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



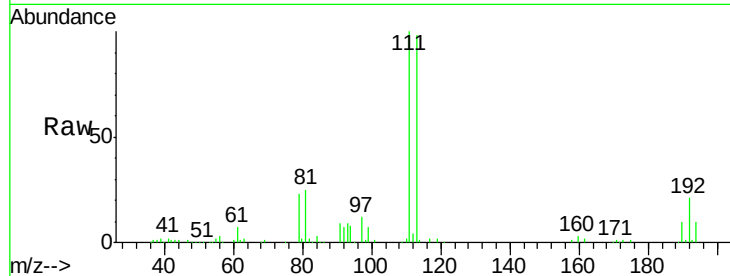
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC



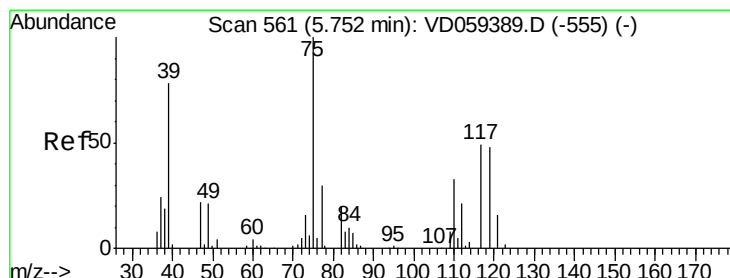
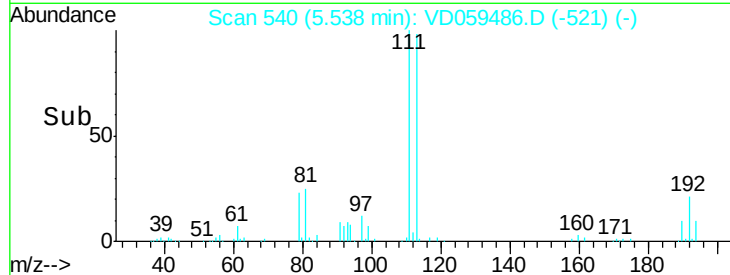
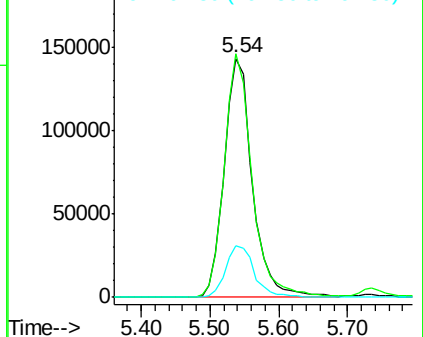


#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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

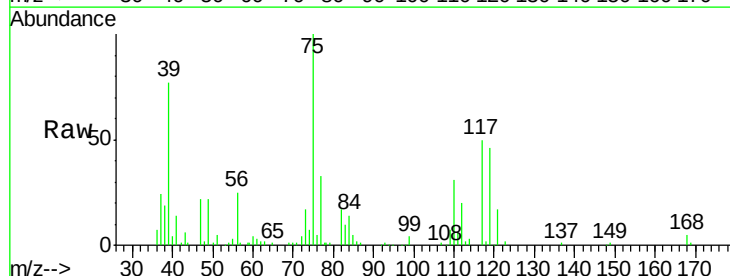


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

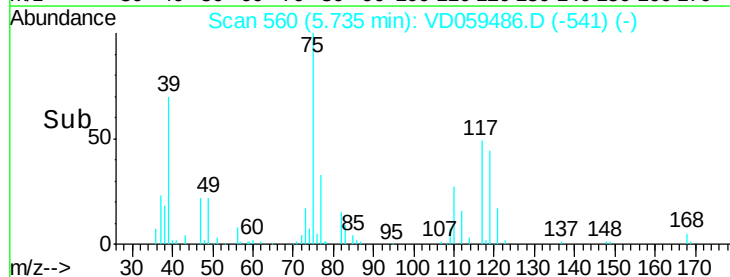
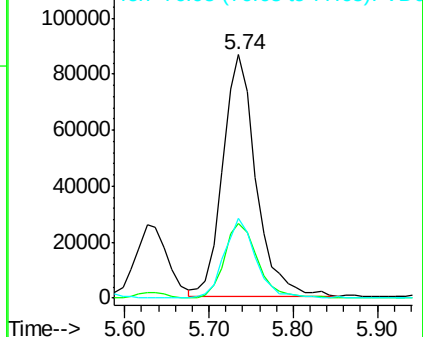


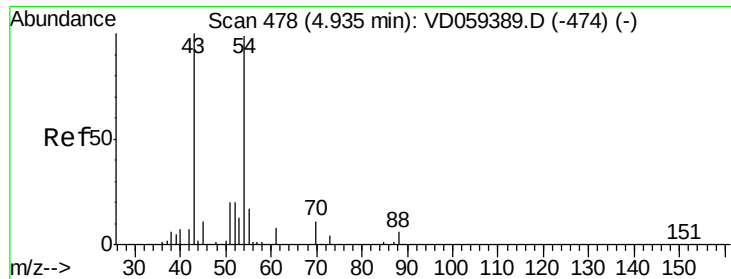
#36
 1,1-Dichloropropene
 Concen: 22.30 ug/l
 RT: 5.74 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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



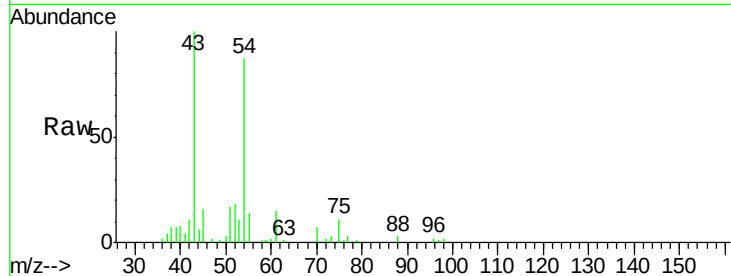
Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): VDC



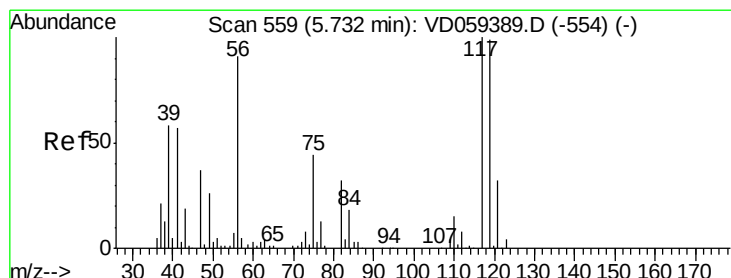
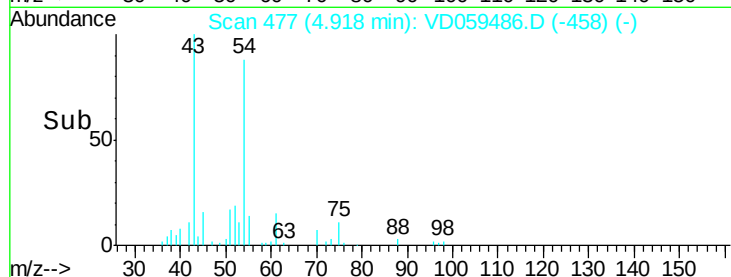
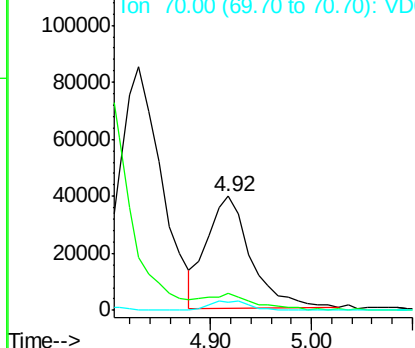


#37
Ethyl Acetate
Concen: 18.46 ug/l
RT: 4.92 min Scan# 477
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

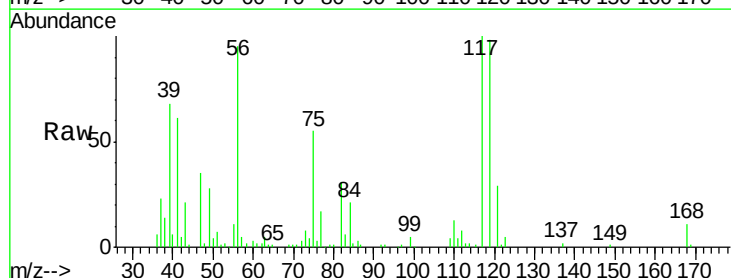


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

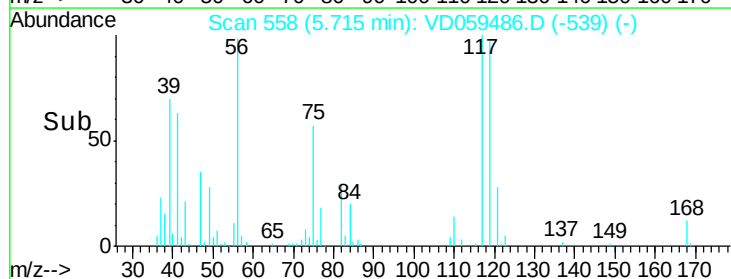
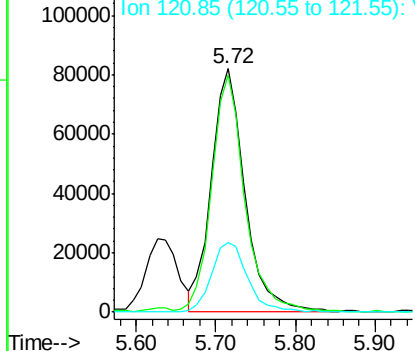


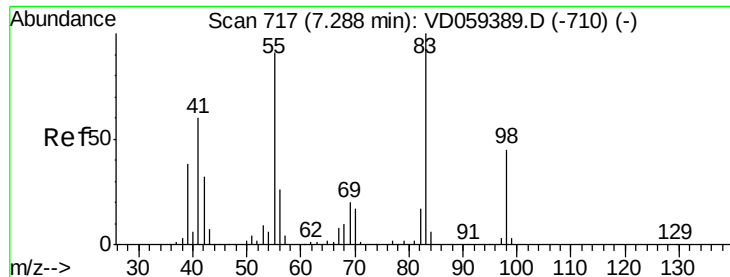
#38
Carbon Tetrachloride
Concen: 21.95 ug/l
RT: 5.72 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



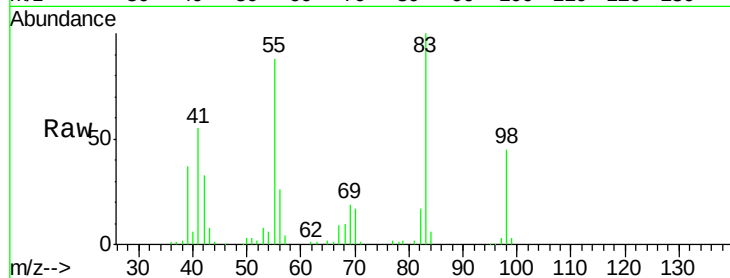
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



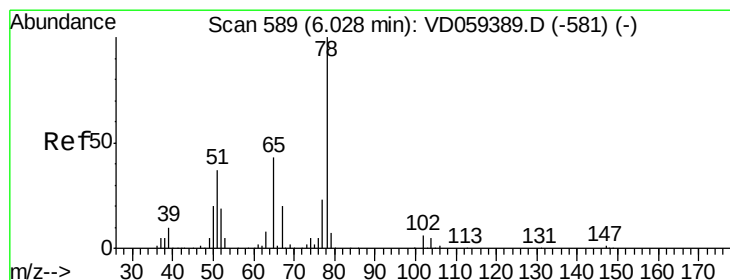
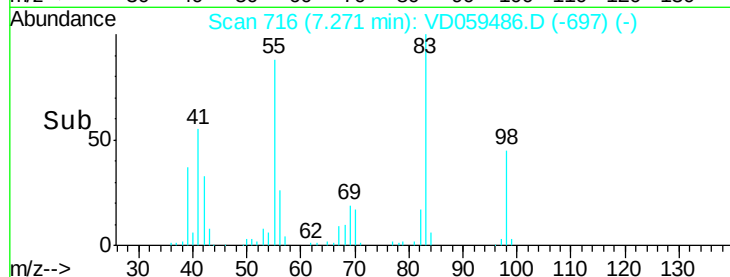
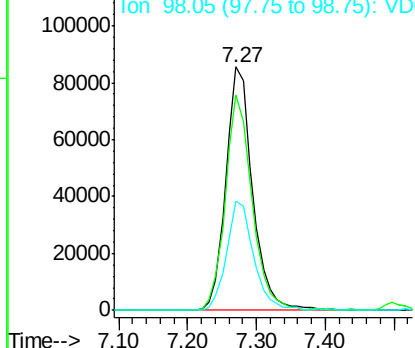


#39
Methylcyclohexane
Concen: 22.80 ug/l
RT: 7.27 min Scan# 716
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

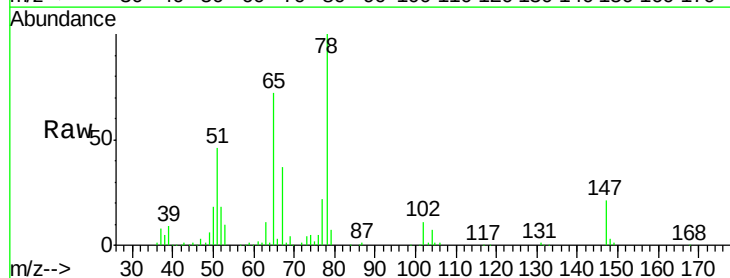


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

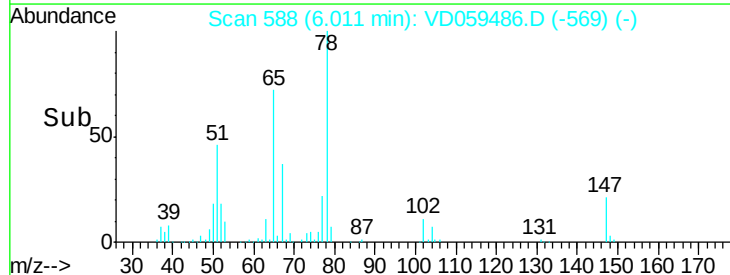
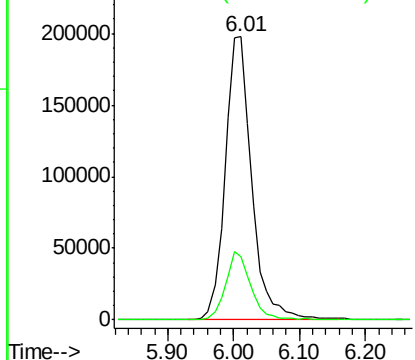


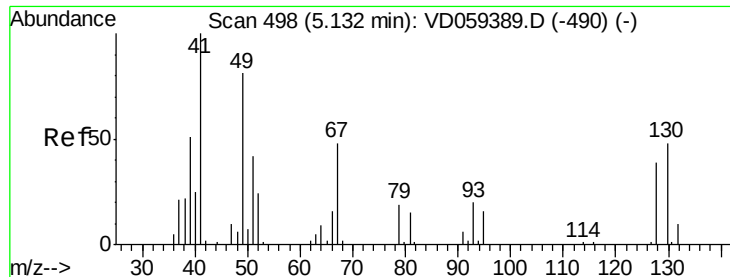
#40
Benzene
Concen: 21.86 ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



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





#41

Methacrylonitrile

Concen: 18.59 ug/l

RT: 5.11 min Scan# 497

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tot Ion: 41 Resp: 57911

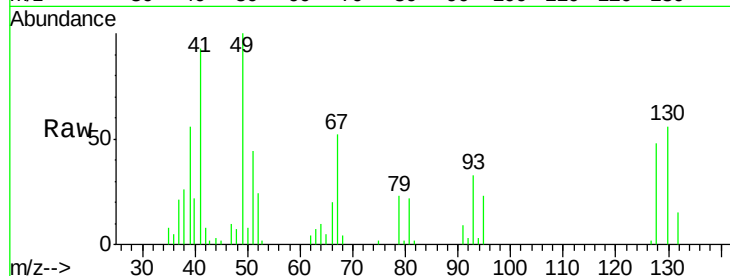
Ion Ratio Lower Upper

41 100

39 60.4 41.5 62.3

67 55.5 38.7 58.1

52 25.8 19.4 29.2

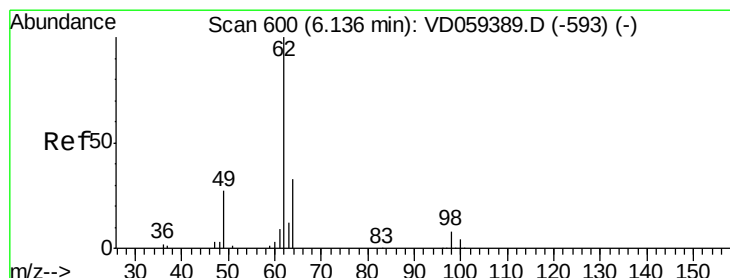
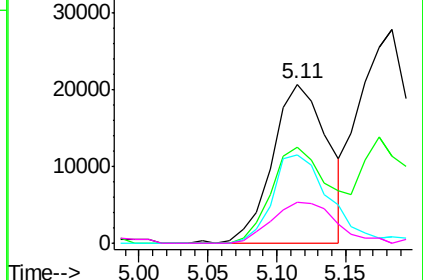
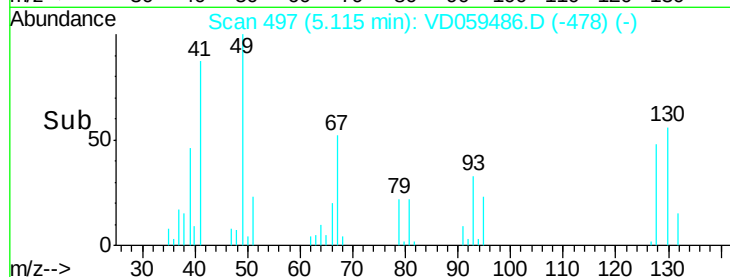


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 19.82 ug/l

RT: 6.12 min Scan# 599

Delta R.T. -0.02 min

Lab File: VD059486.D

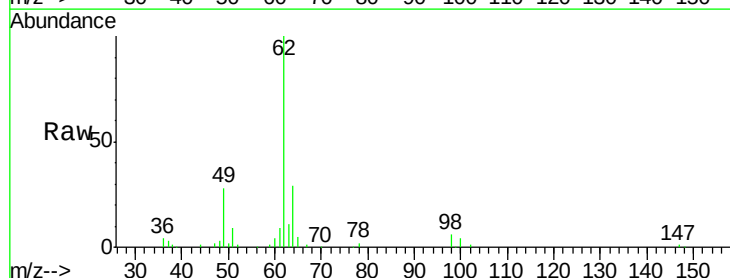
Acq: 29 Jun 2018 12:34

Tgt Ion: 62 Resp: 223223

Ion Ratio Lower Upper

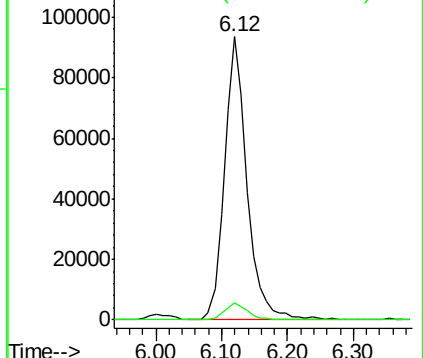
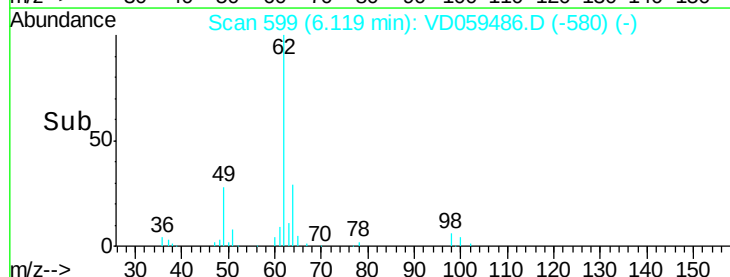
62 100

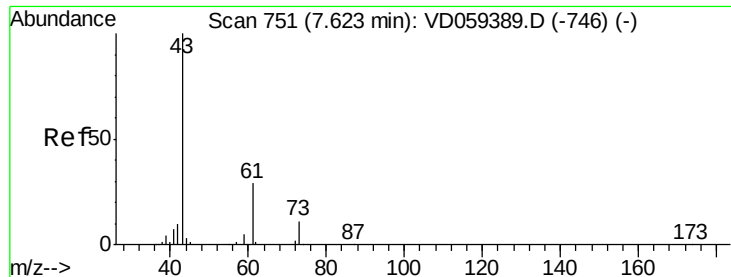
98 5.8 0.0 15.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 18.81 ug/l

RT: 7.62 min Scan# 751

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

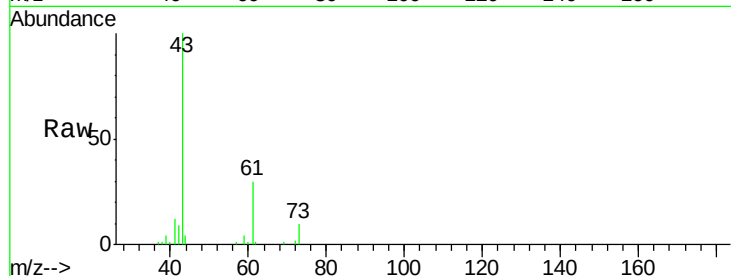
Tot Ion: 43 Resp: 152755

Ion Ratio Lower Upper

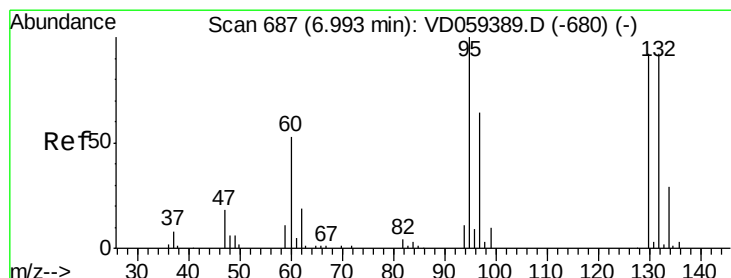
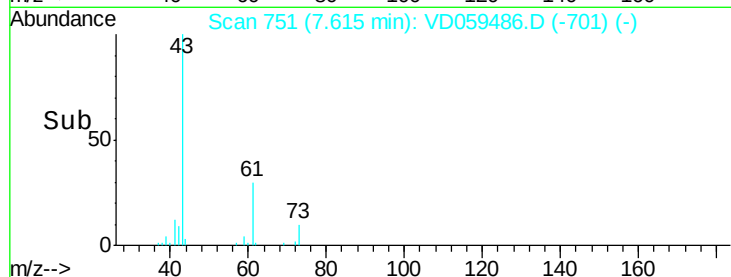
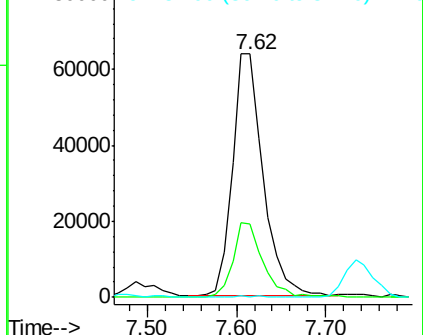
43 100

61 29.9 23.1 34.7

87 0.0 0.2 0.4#



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



#44

Trichloroethene

Concen: 21.06 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: VD059486.D

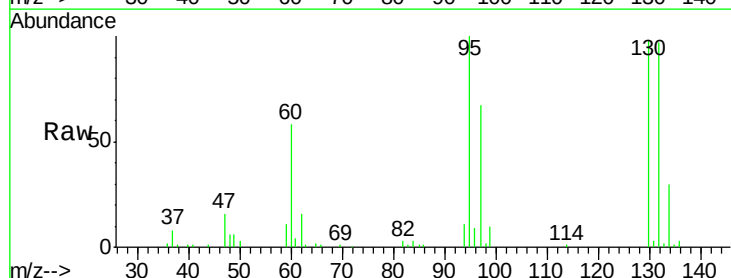
Acq: 29 Jun 2018 12:34

Tgt Ion:130 Resp: 175792

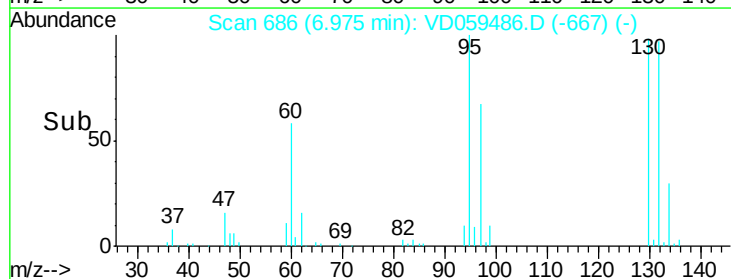
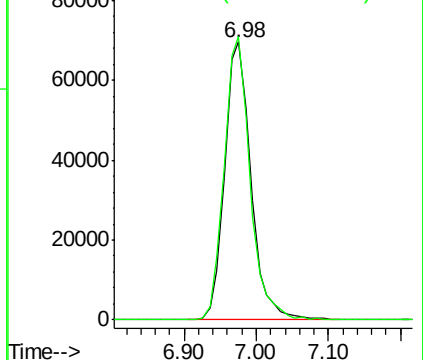
Ion Ratio Lower Upper

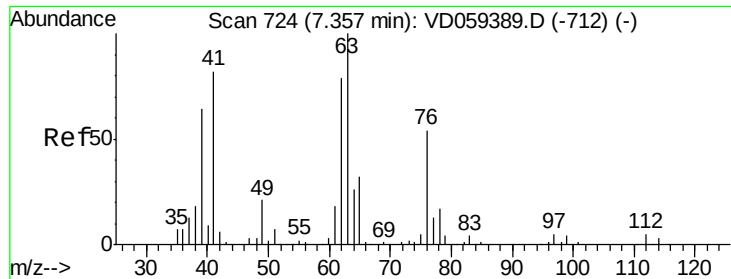
130 100

95 101.8 0.0 216.4



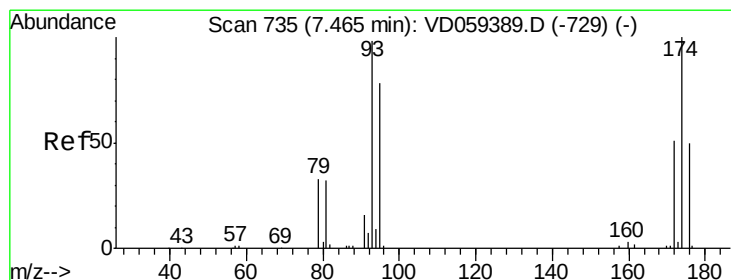
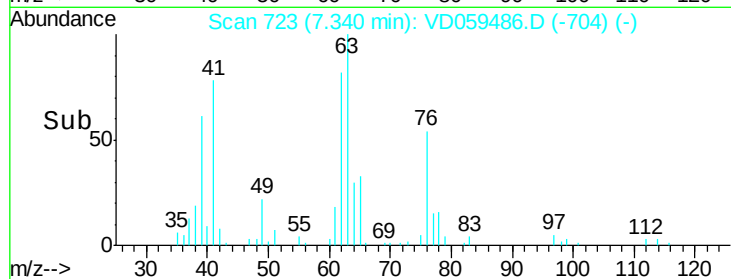
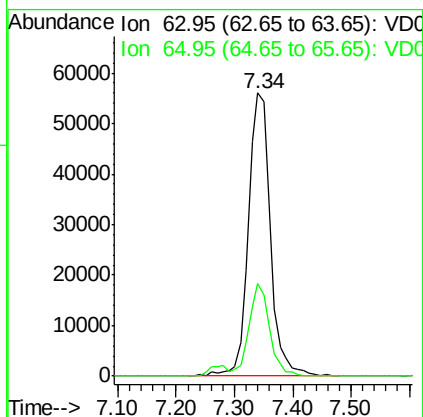
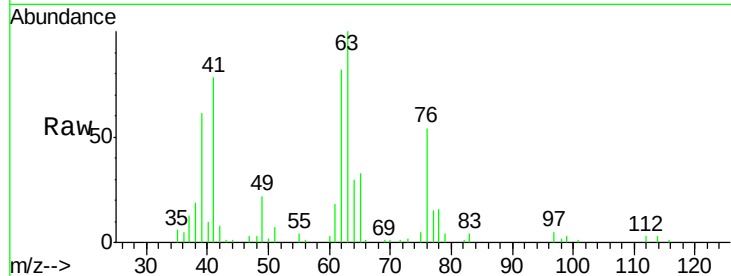
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





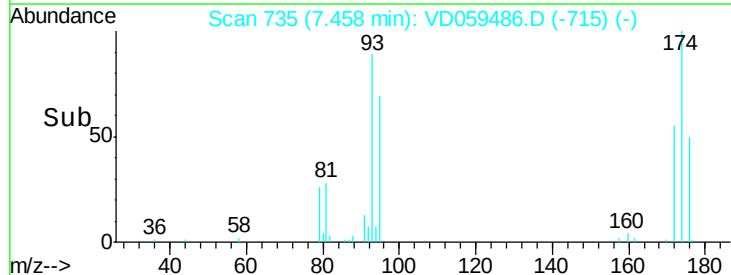
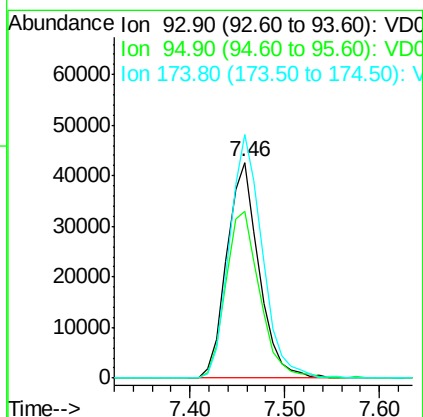
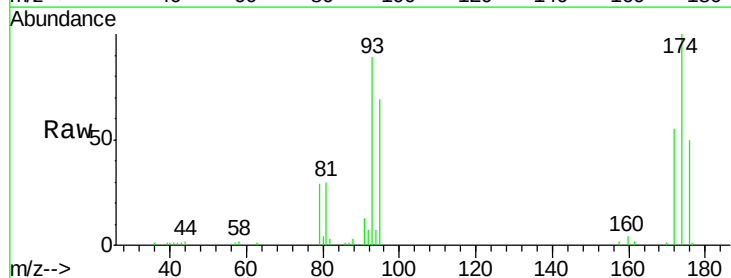
#45
 1,2-Dichloropropane
 Concen: 21.10 ug/l
 RT: 7.34 min Scan# 723
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

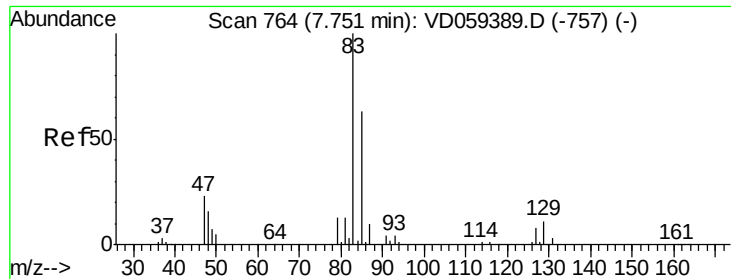
Tot Ion: 63 Resp: 148970
 Ion Ratio Lower Upper
 63 100
 65 32.7 25.7 38.5



#46
 Dibromomethane
 Concen: 19.77 ug/l
 RT: 7.46 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion: 93 Resp: 100380
 Ion Ratio Lower Upper
 93 100
 95 77.4 63.4 95.0
 174 112.7 81.4 122.2





#47

Bromodichloromethane

Concen: 21.62 ug/l

RT: 7.73 min Scan# 763

Delta R.T. -0.02 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

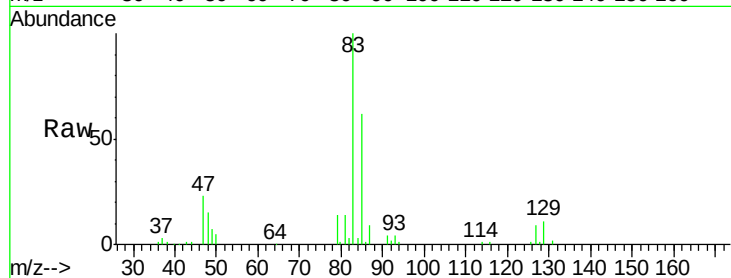
Tot Ion: 83 Resp: 245591

Ion Ratio Lower Upper

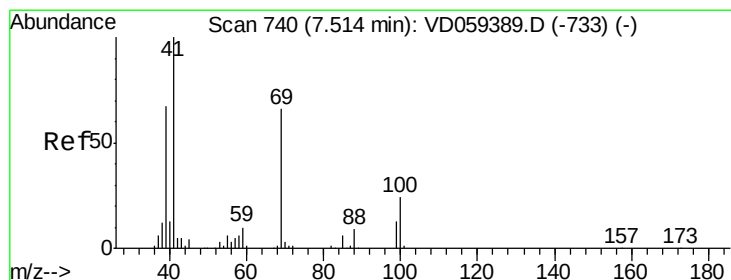
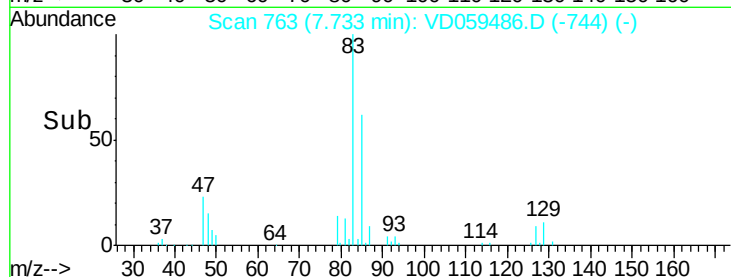
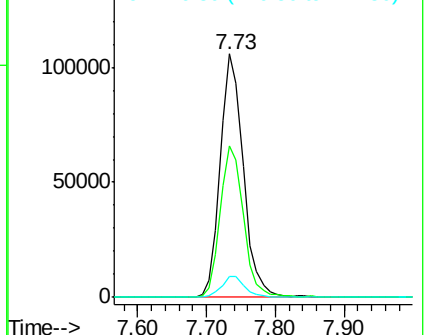
83 100

85 62.0 50.1 75.1

127 8.6 6.1 9.1



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



#48

Methyl methacrylate

Concen: 17.87 ug/l

RT: 7.51 min Scan# 740

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

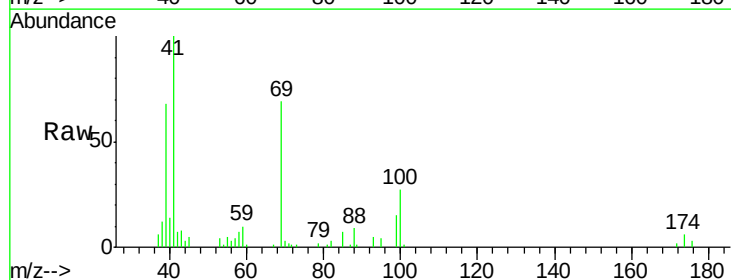
Tgt Ion: 41 Resp: 88461

Ion Ratio Lower Upper

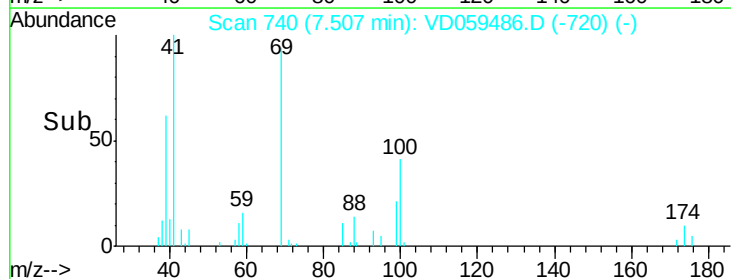
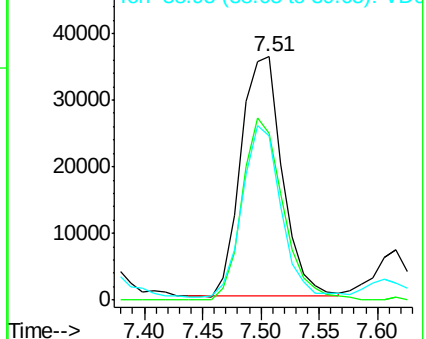
41 100

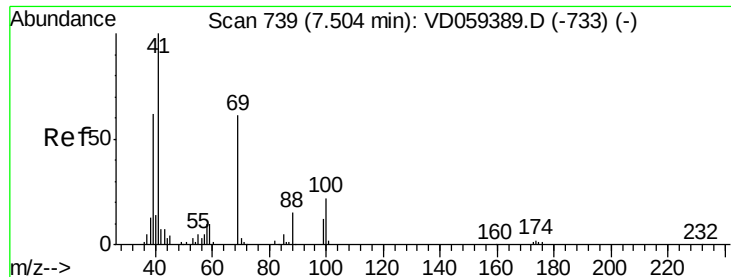
69 68.7 52.6 79.0

39 67.6 53.6 80.4



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





#49

1,4-Dioxane

Concen: 355.73 ug/l

RT: 7.48 min Scan# 737

Delta R.T. -0.03 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

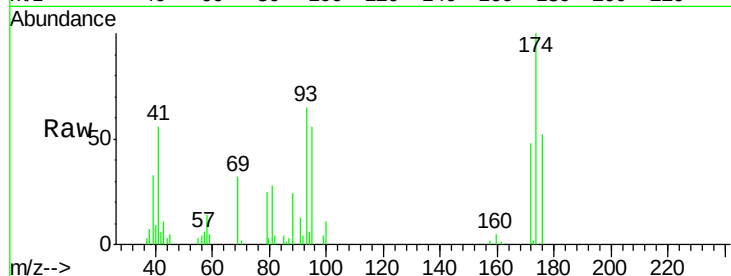
Tot Ion: 88 Resp: 17656

Ion Ratio Lower Upper

88 100

43 47.0 41.0 61.4

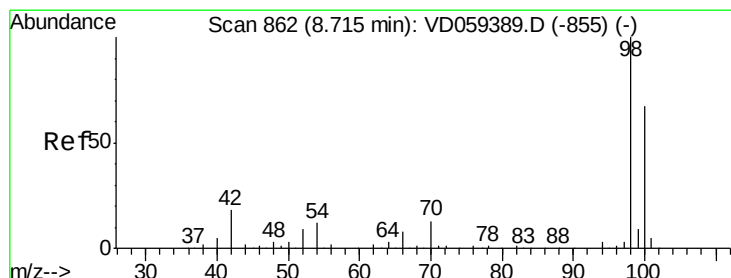
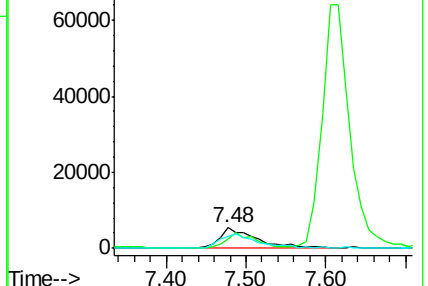
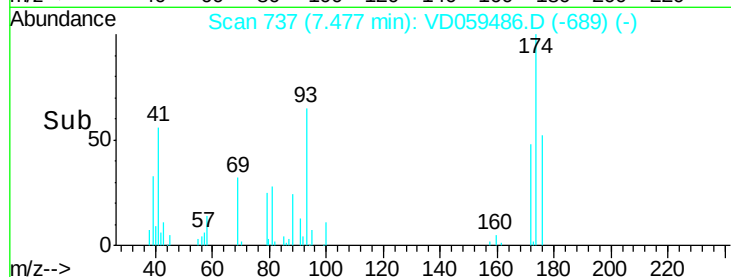
58 60.0 53.4 80.0



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 355.73 ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.02 min

Lab File: VD059486.D

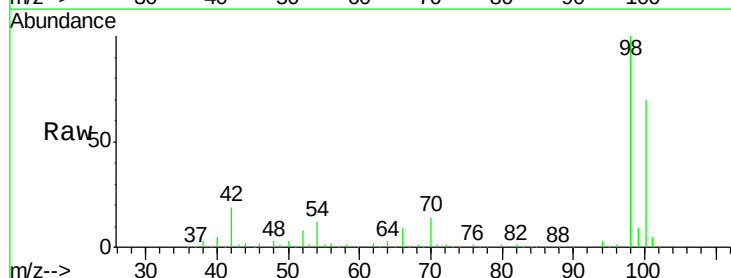
Acq: 29 Jun 2018 12:34

Tgt Ion: 98 Resp: 900788

Ion Ratio Lower Upper

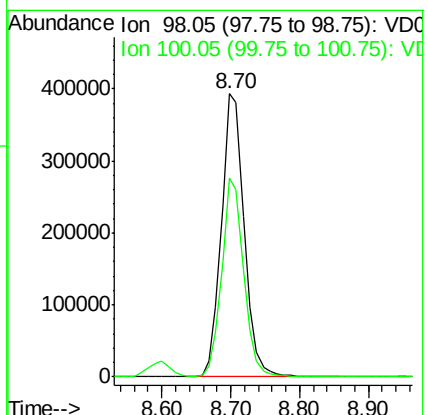
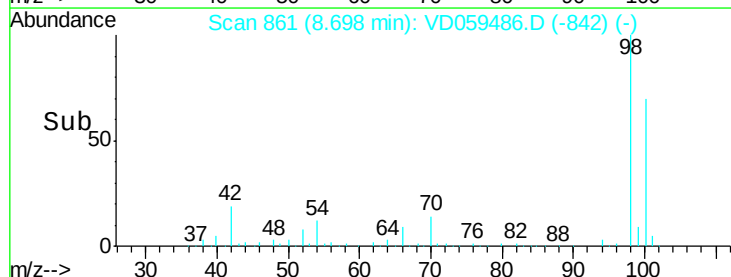
98 100

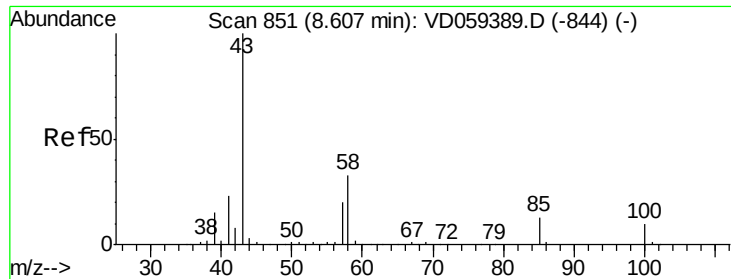
100 70.4 54.4 81.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

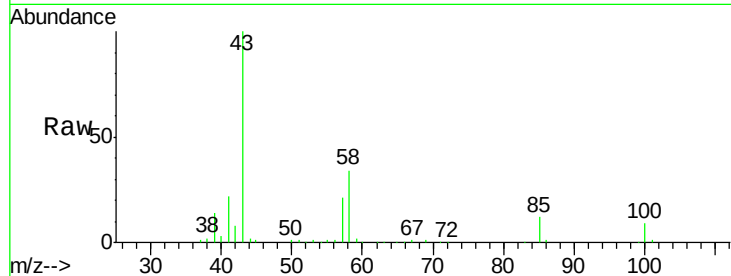
Ion 100.05 (99.75 to 100.75): VDC



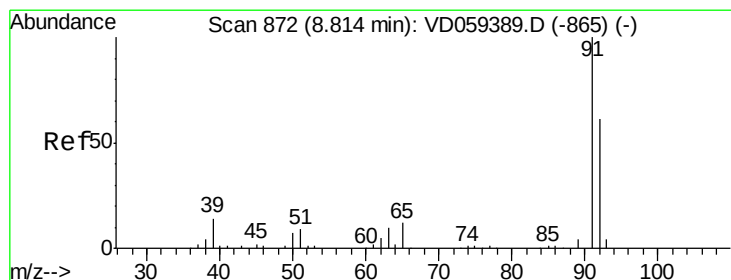
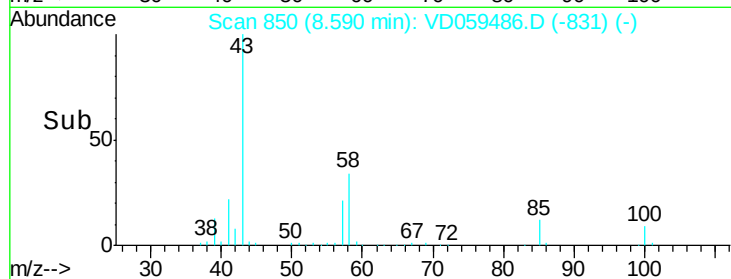
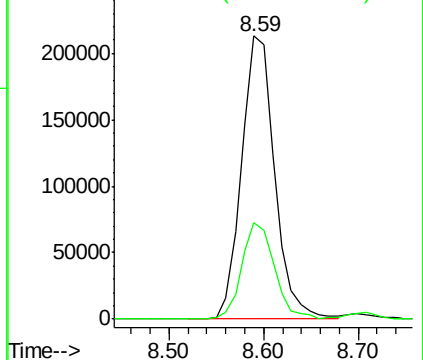


#51
4-Methyl-2-Pentanone
Concen: 95.58 ug/l
RT: 8.59 min Scan# 850
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tot Ion: 43 Resp: 517372
Ion Ratio Lower Upper
43 100
58 34.1 26.3 39.5

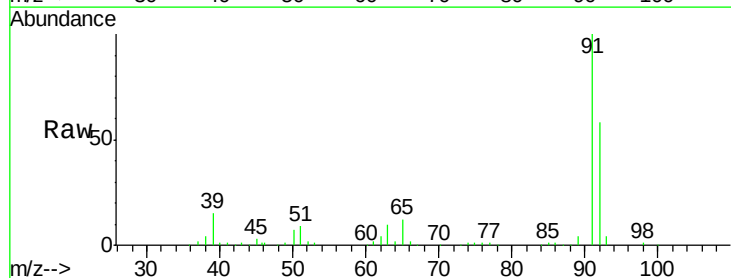


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

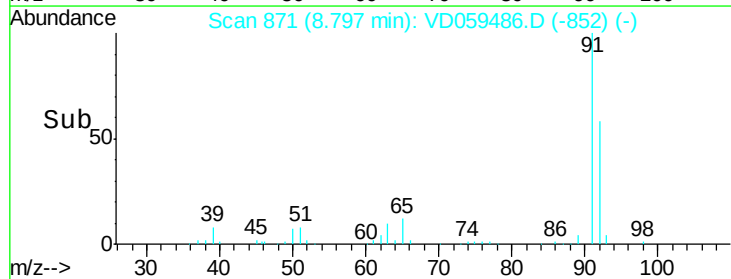
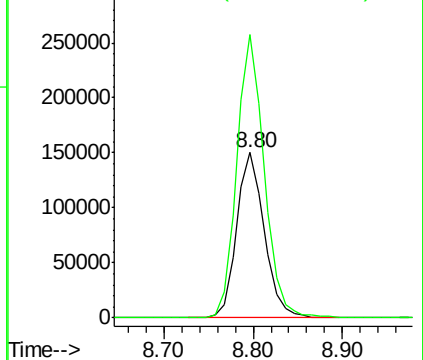


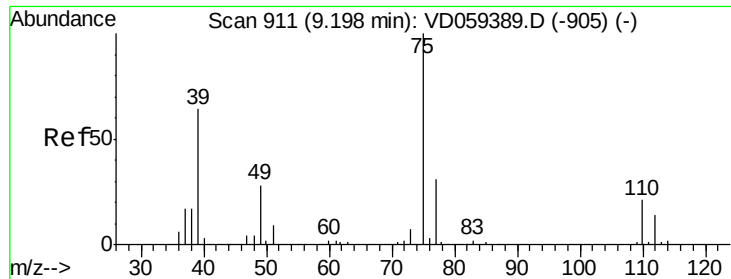
#52
Toluene
Concen: 21.33 ug/l
RT: 8.80 min Scan# 871
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

Tgt Ion: 92 Resp: 324660
Ion Ratio Lower Upper
92 100
91 171.5 132.2 198.2



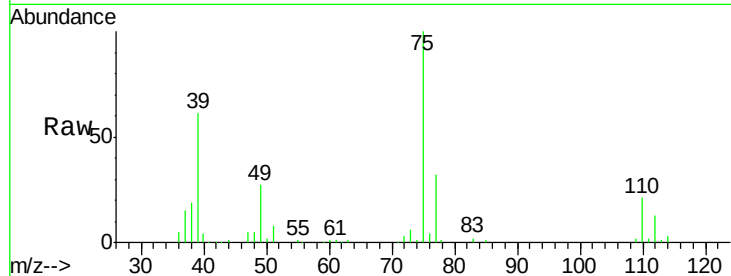
Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



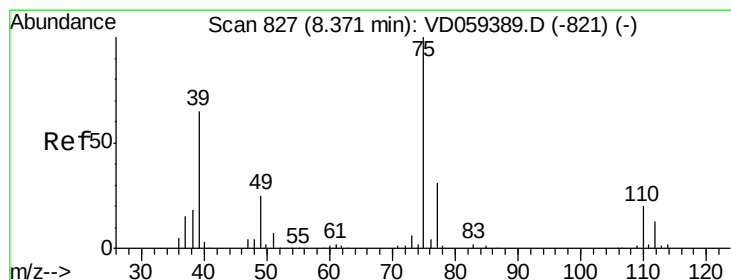
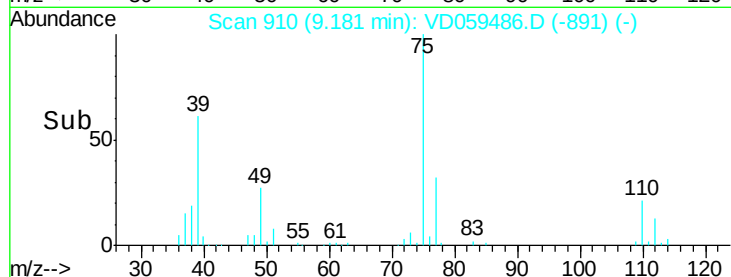
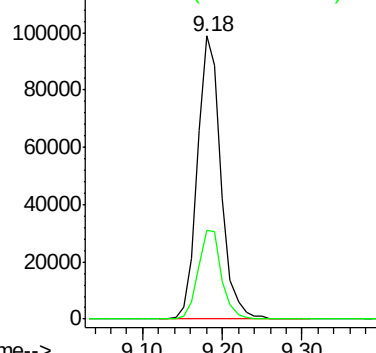


#53
 t-1,3-Dichloropropene
 Concen: 21.57 ug/l
 RT: 9.18 min Scan# 910
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tot Ion: 75 Resp: 204809
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 37.0

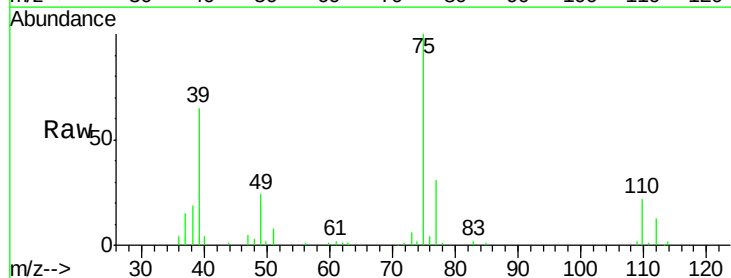


Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 76.95 (76.65 to 77.65): VDC

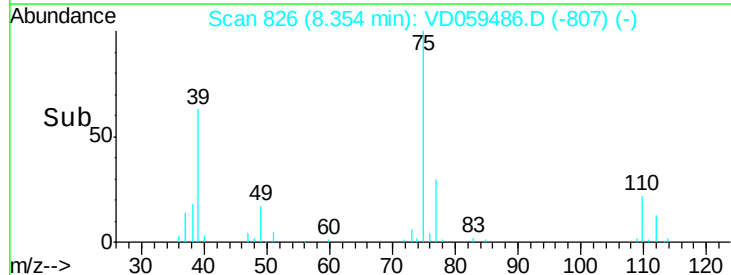
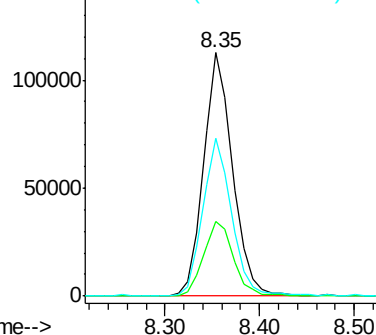


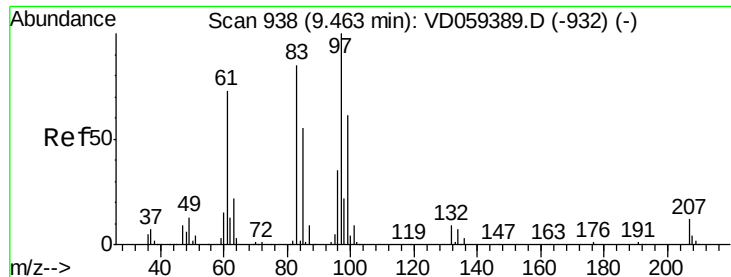
#54
 cis-1,3-Dichloropropene
 Concen: 21.74 ug/l
 RT: 8.35 min Scan# 826
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

Tgt Ion: 75 Resp: 238982
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.7 37.1
 39 64.7 52.2 78.4



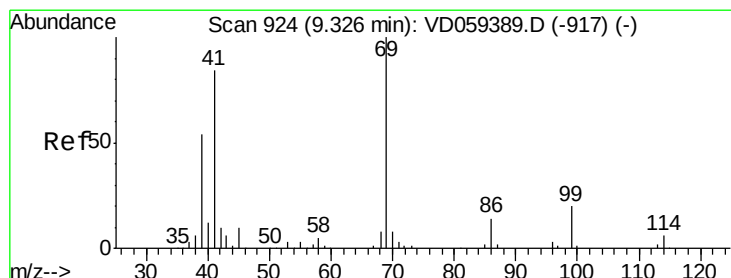
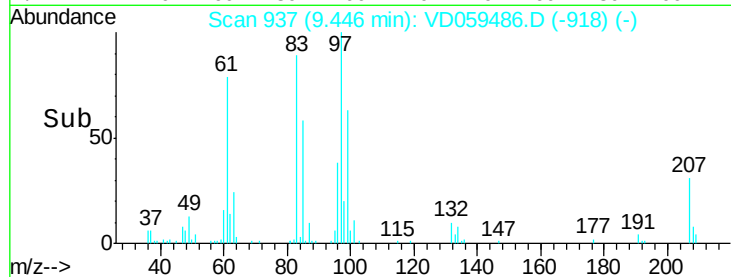
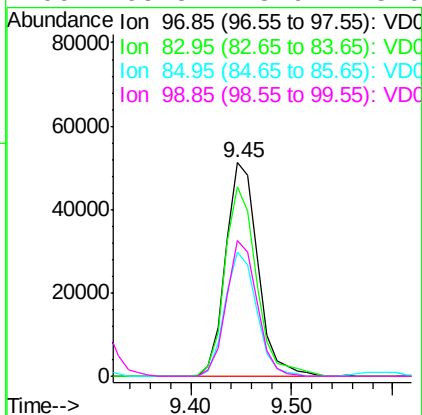
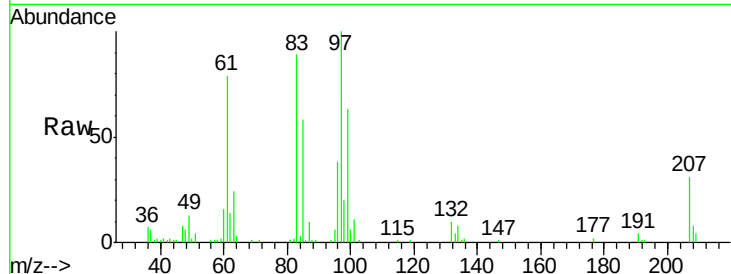
Abundance Ion 75.00 (74.70 to 75.70): VDC
 Ion 76.95 (76.65 to 77.65): VDC
 Ion 38.95 (38.65 to 39.65): VDC





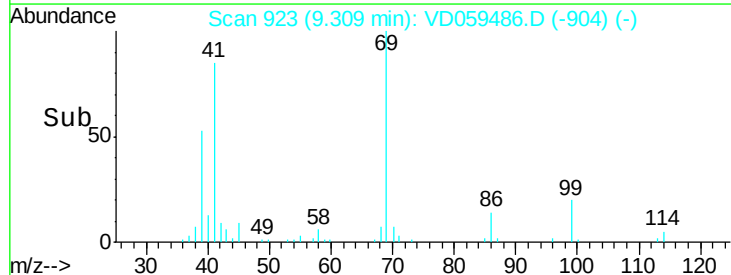
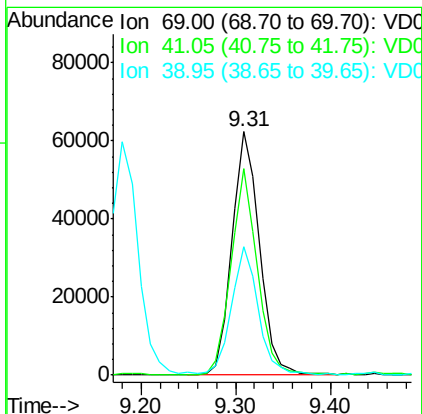
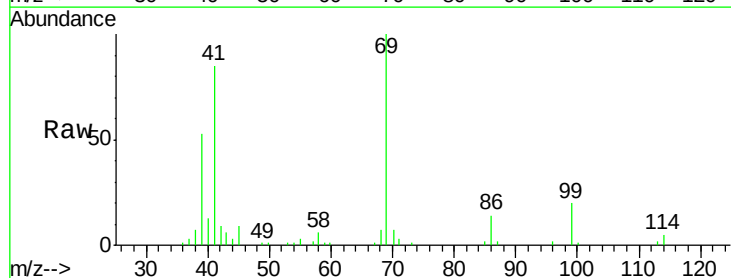
#55
 1,1,2-Trichloroethane
 Concen: 20.53 ug/l
 RT: 9.45 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

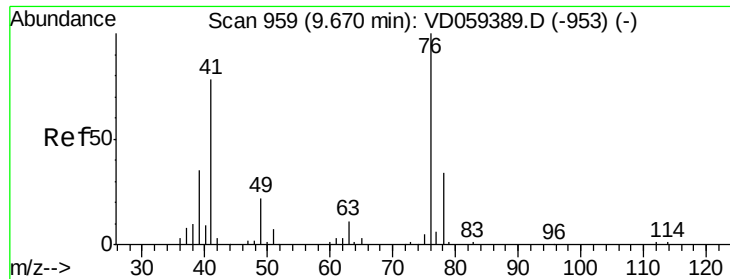
Tot Ion:	97	Resp:	113487
Ion	Ratio	Lower	Upper
97	100		
83	89.0	67.7	101.5
85	58.4	44.3	66.5
99	63.3	48.6	73.0



#56
 Ethyl methacrylate
 Concen: 19.84 ug/l
 RT: 9.31 min Scan# 923
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

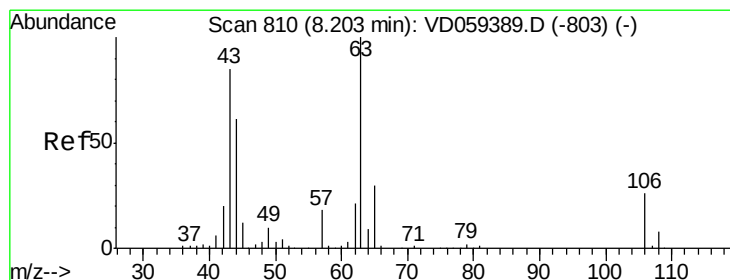
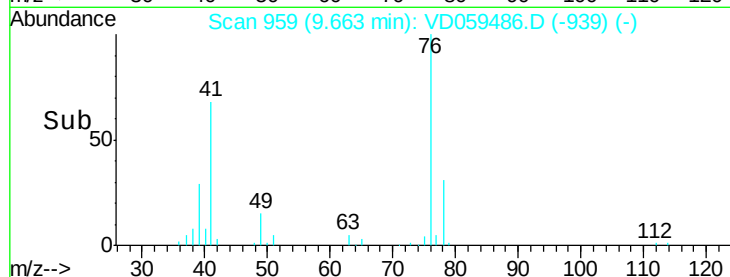
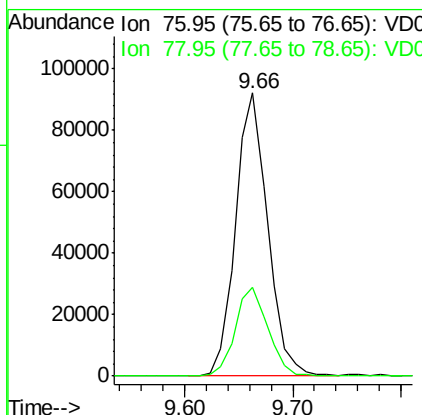
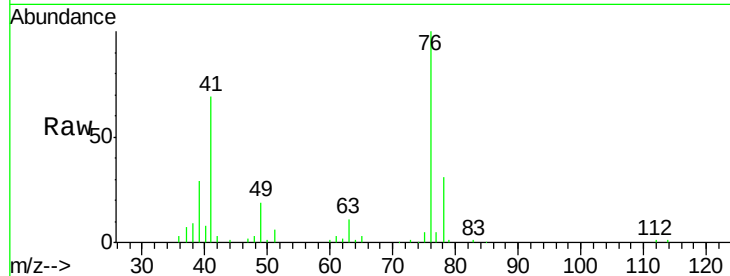
Tgt Ion:	69	Resp:	125141
Ion	Ratio	Lower	Upper
69	100		
41	84.9	67.4	101.0
39	53.0	43.7	65.5





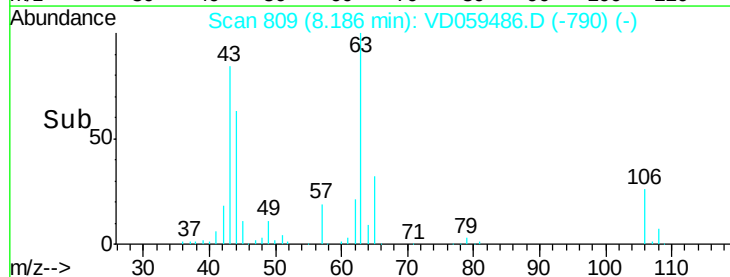
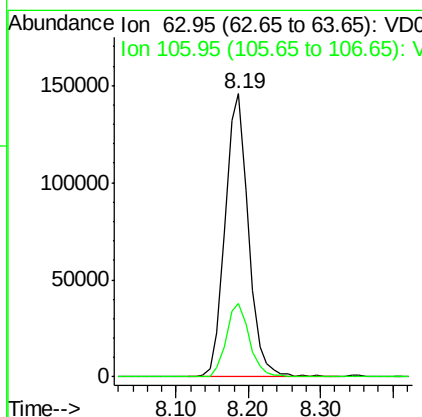
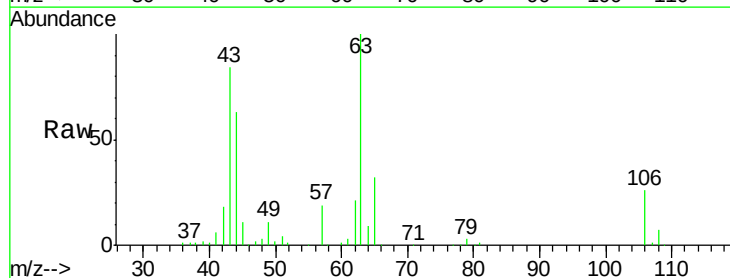
#57
 1,3-Dichloropropane
 Concen: 20.98 ug/l
 RT: 9.66 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

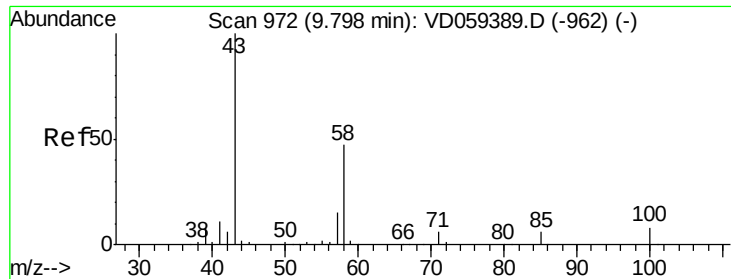
Tot Ion: 76 Resp: 189635
 Ion Ratio Lower Upper
 76 100
 78 31.2 26.8 40.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.65 ug/l
 RT: 8.19 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

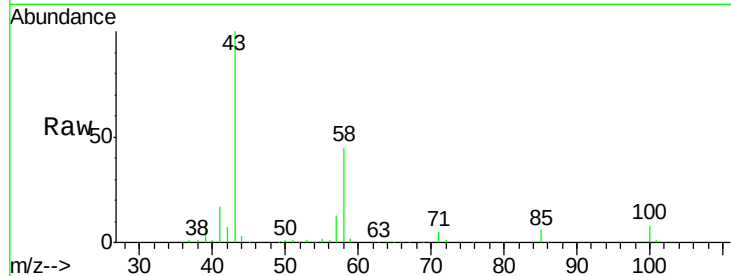
Tgt Ion: 63 Resp: 326769
 Ion Ratio Lower Upper
 63 100
 106 25.8 20.6 31.0



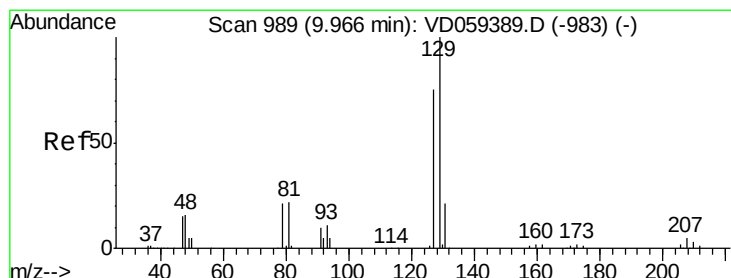
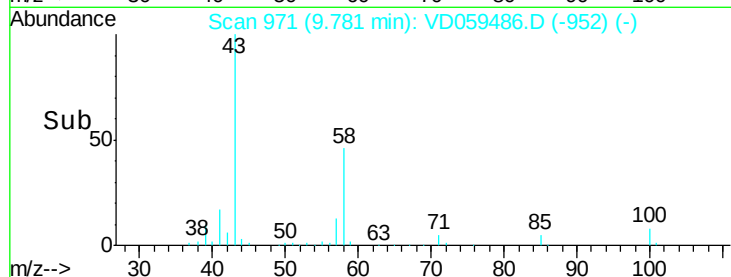
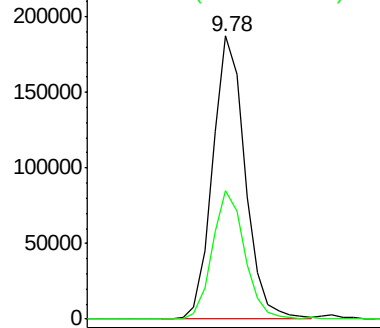


#59
2-Hexanone
Concen: 101.26 ug/l
RT: 9.78 min Scan# 971
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

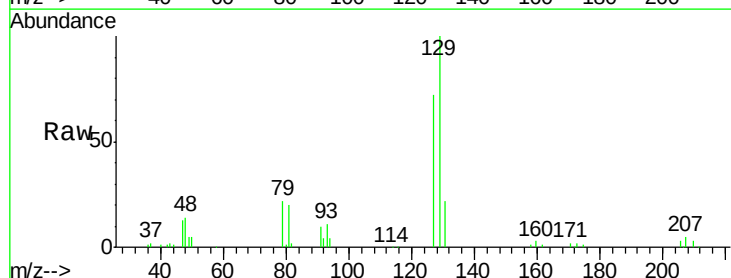


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

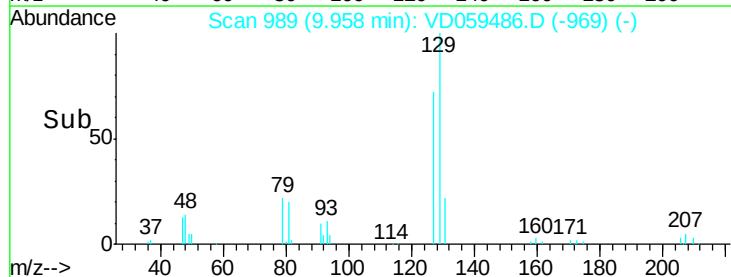
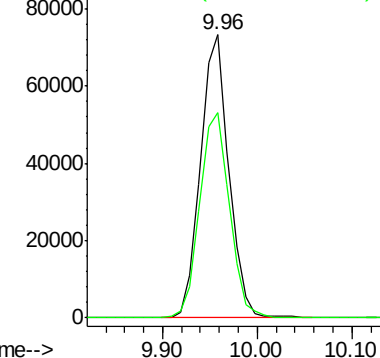


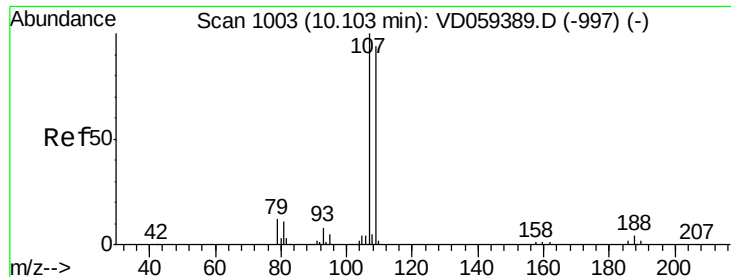
#60
Dibromochloromethane
Concen: 19.57 ug/l
RT: 9.96 min Scan# 989
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



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





#61

1,2-Dibromoethane

Concen: 19.78 ug/l

RT: 10.09 min Scan# 1002

Delta R.T. -0.02 min

Lab File: VD059486.D

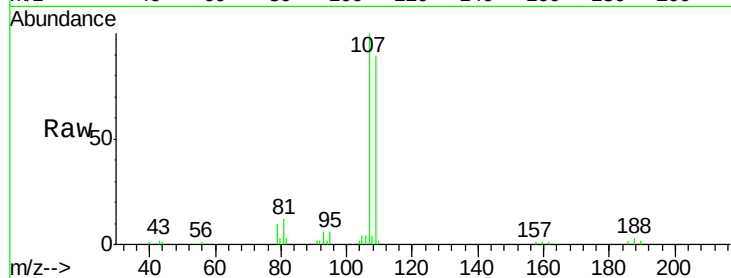
Acq: 29 Jun 2018 12:34

Tot Ion: 107 Resp: 121714

Ion Ratio Lower Upper

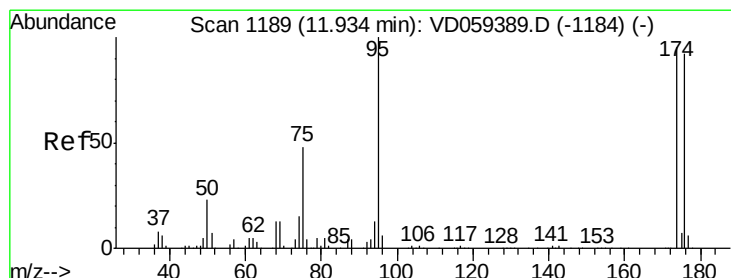
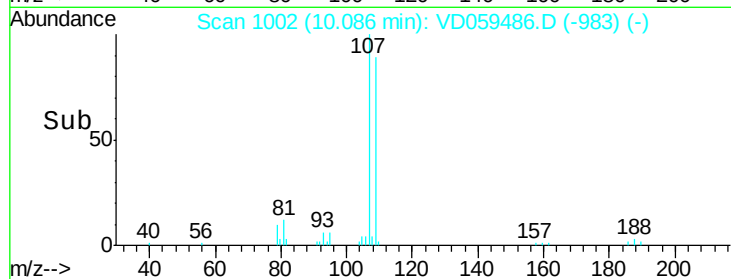
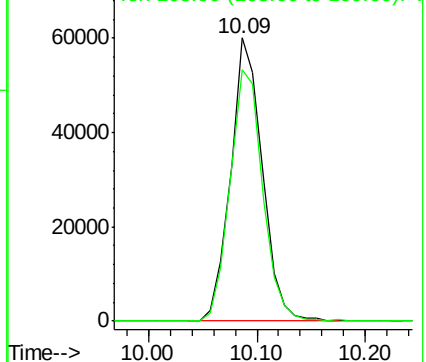
107 100

109 88.8 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 19.78 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

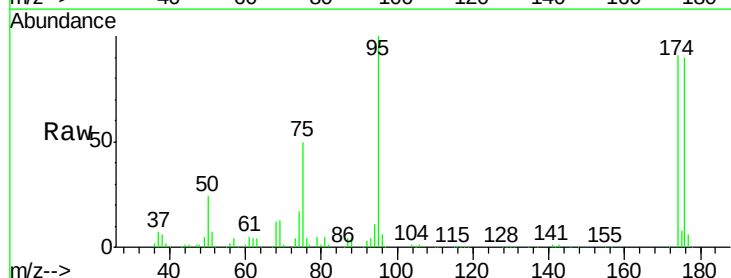
Tgt Ion: 95 Resp: 394569

Ion Ratio Lower Upper

95 100

174 90.7 0.0 190.4

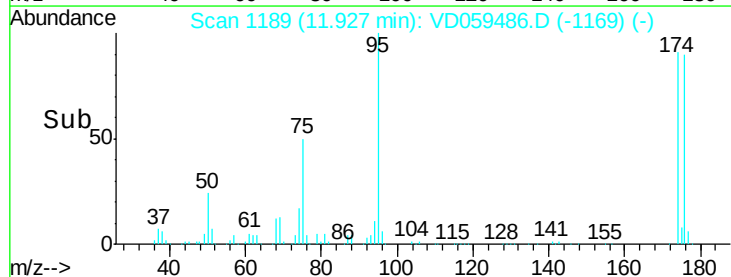
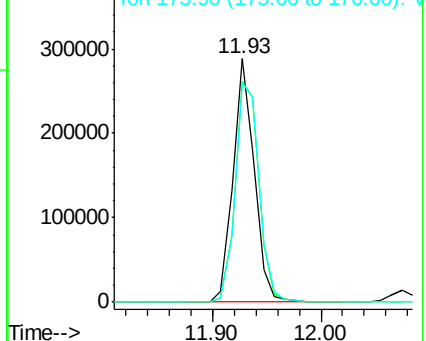
176 90.3 0.0 183.2

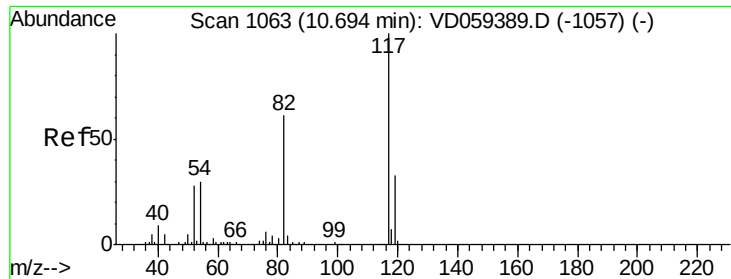


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

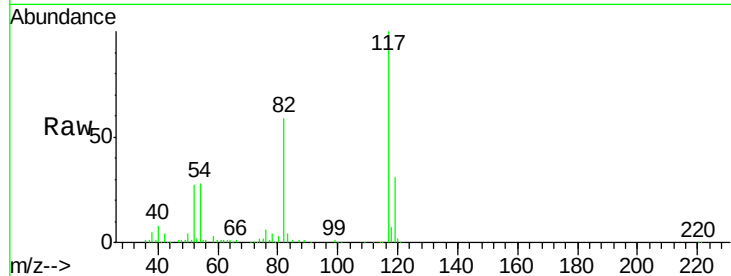
Ion 175.90 (175.60 to 176.60): V



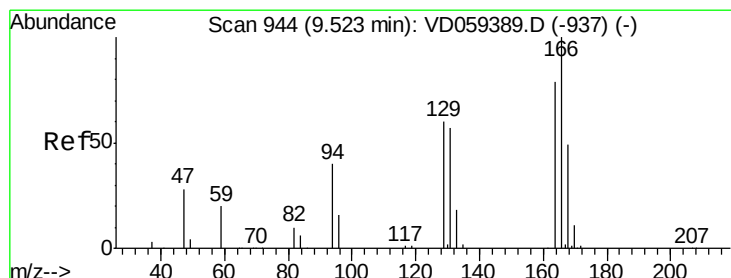
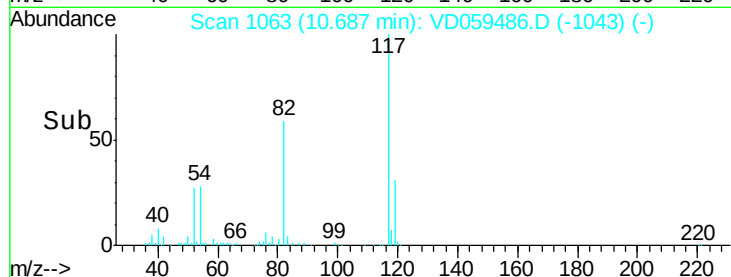
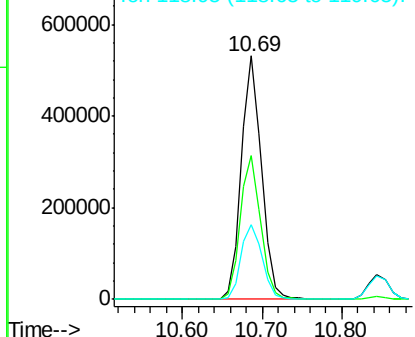


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

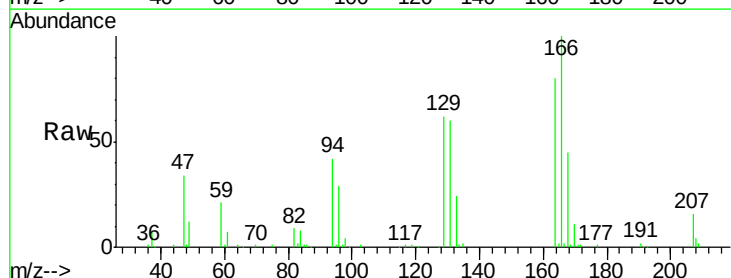


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

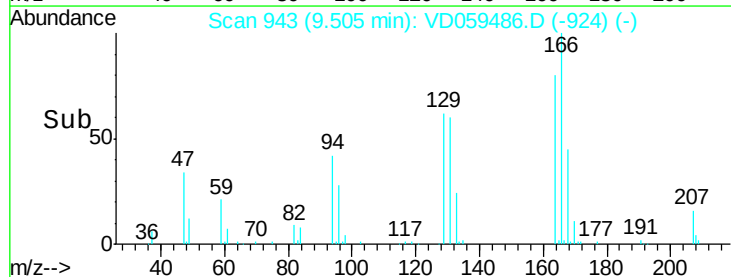
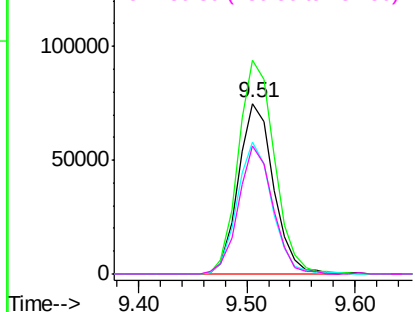


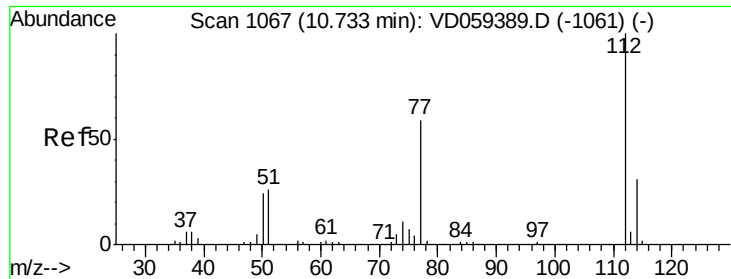
#64
Tetrachloroethene
Concen: 20.67 ug/l
RT: 9.51 min Scan# 943
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



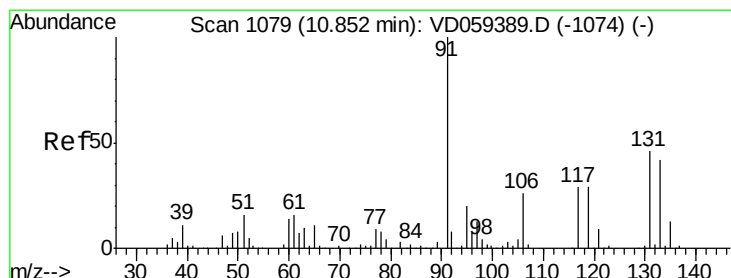
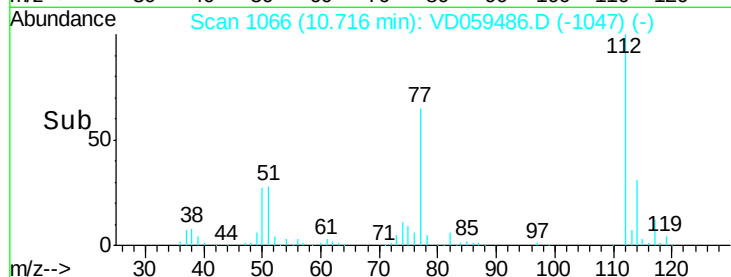
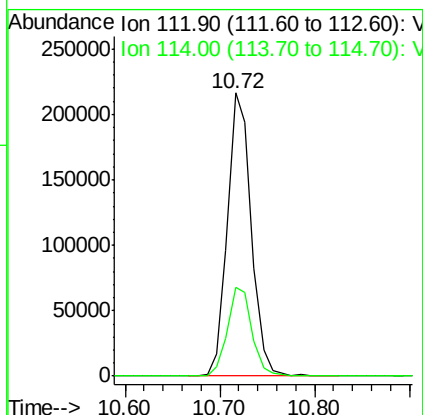
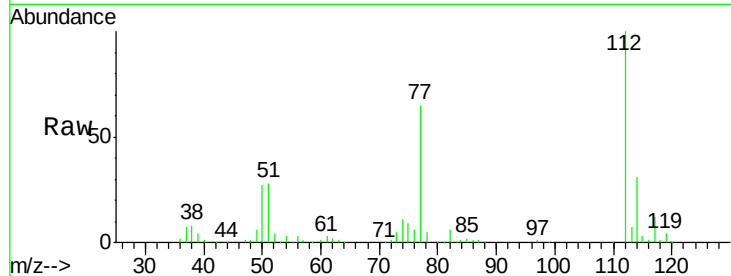
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





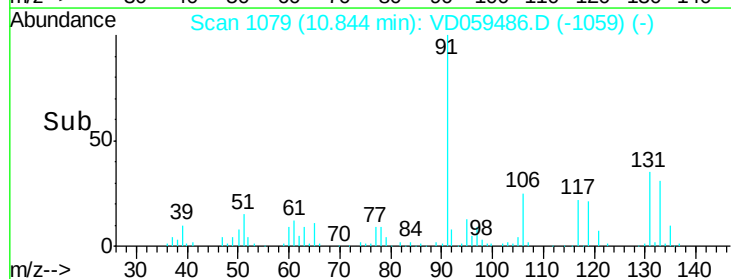
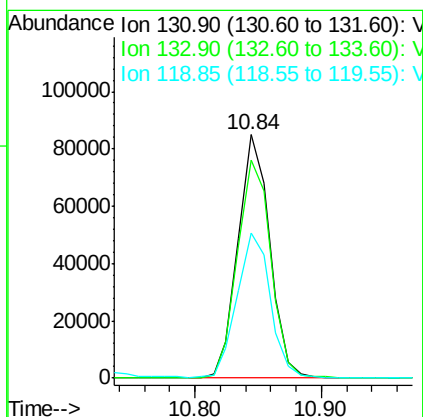
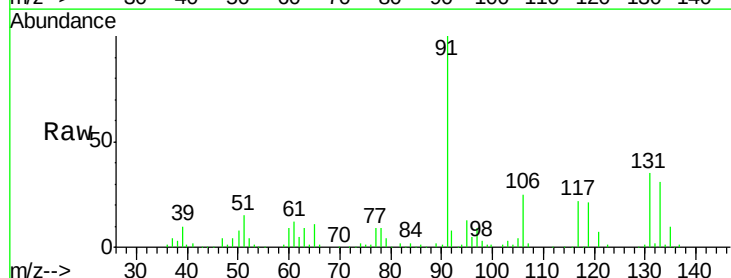
#65
Chlorobenzene
Concen: 22.13 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

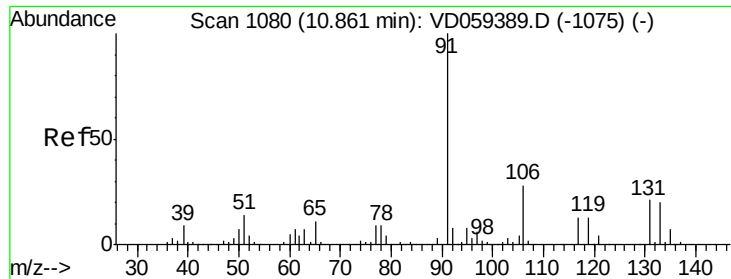
Tot Ion:112 Resp: 377139
Ion Ratio Lower Upper
112 100
114 31.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 22.71 ug/l
RT: 10.84 min Scan# 1079
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

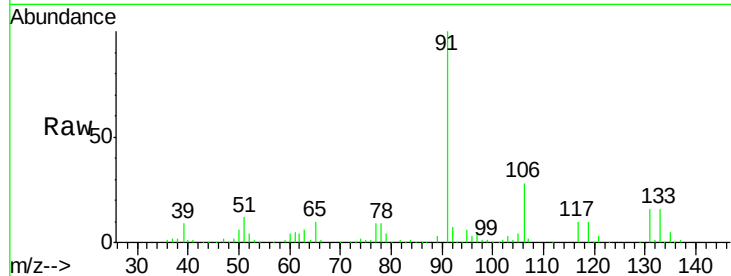
Tgt Ion:131 Resp: 148530
Ion Ratio Lower Upper
131 100
133 89.8 45.7 137.1
119 59.6 32.3 96.9



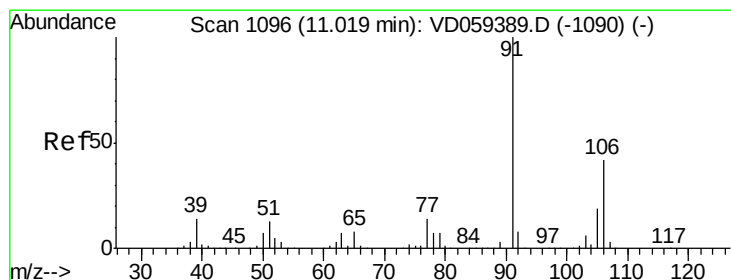
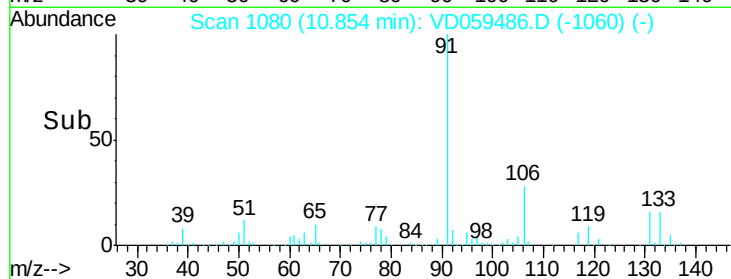
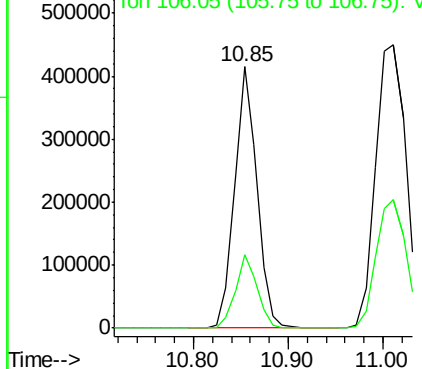


#67
Ethyl Benzene
Concen: 23.59 ug/l
RT: 10.85 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

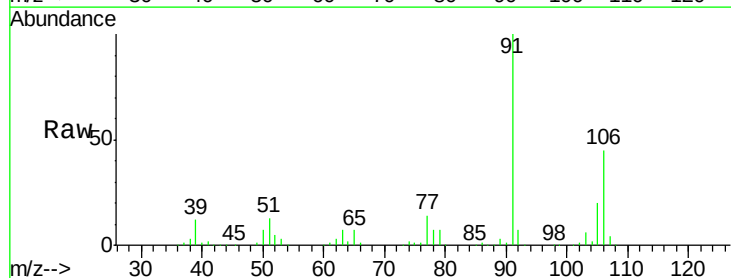


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

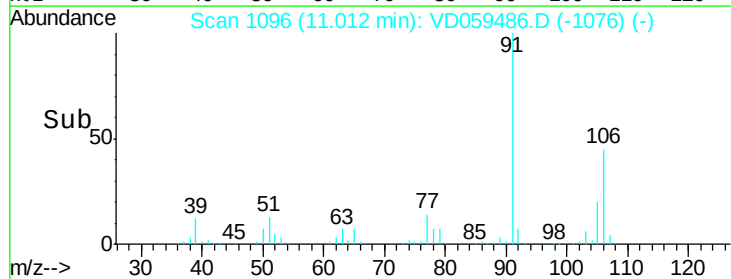
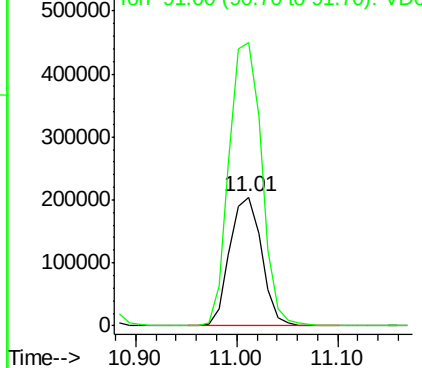


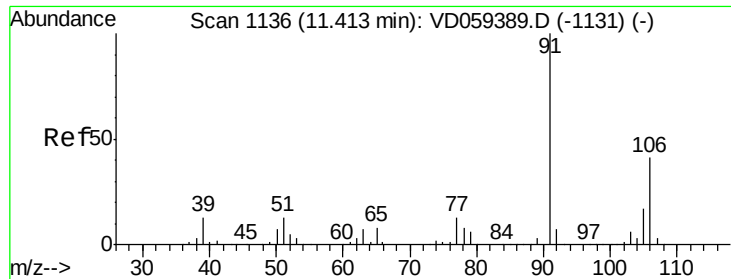
#68
m/p-Xylenes
Concen: 47.37 ug/l
RT: 11.01 min Scan# 1096
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



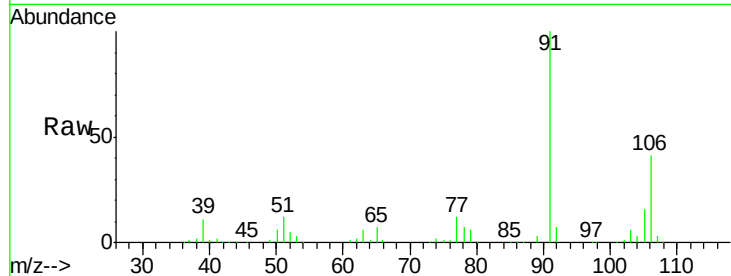
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



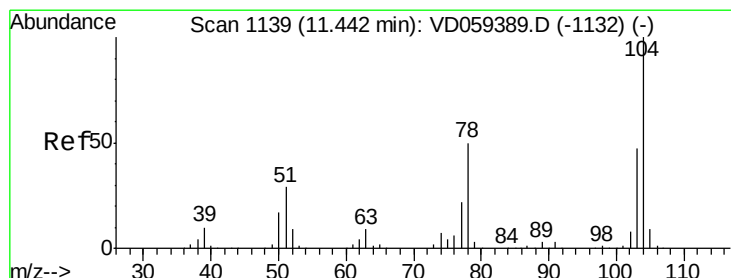
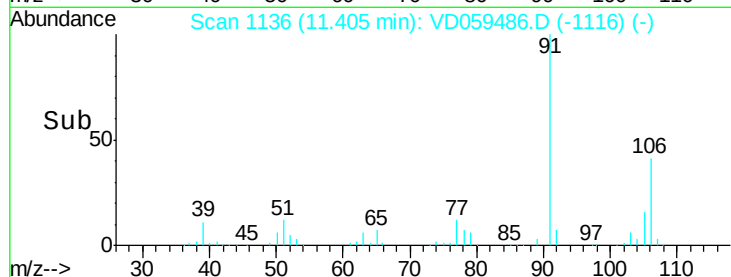
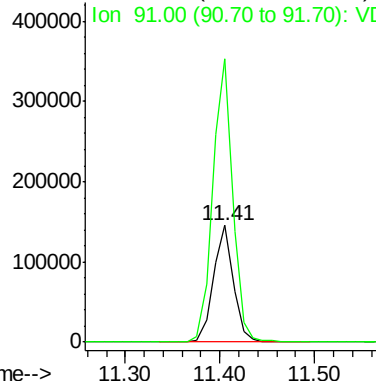


#69
o-Xylene
Concen: 22.29 ug/l
RT: 11.41 min Scan# 1136
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

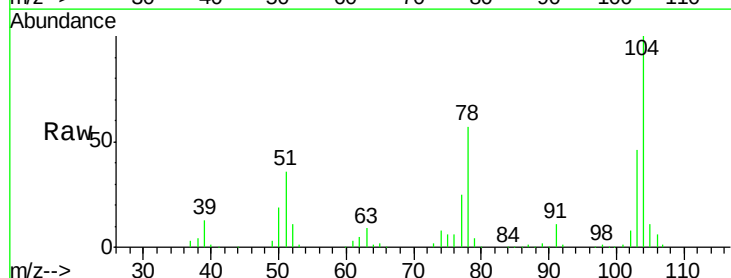


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

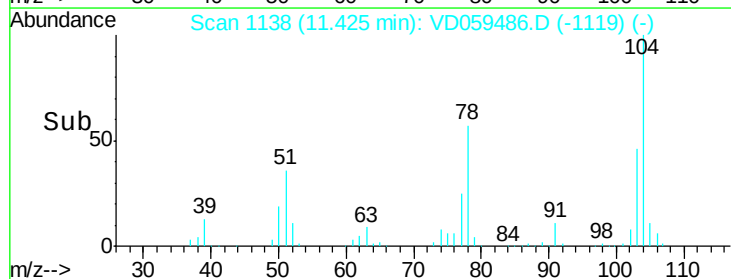
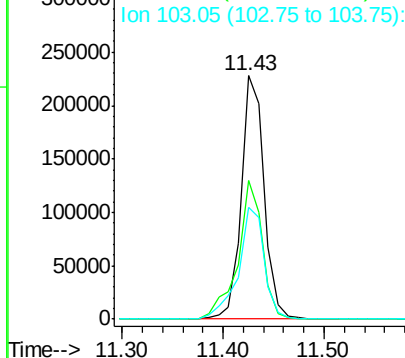


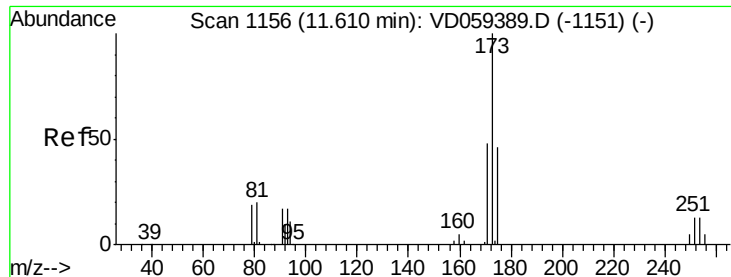
#70
Styrene
Concen: 22.13 ug/l
RT: 11.43 min Scan# 1138
Delta R.T. -0.02 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



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





#71

Bromoform

Concen: 19.44 ug/l

RT: 11.60 min Scan# 1156

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

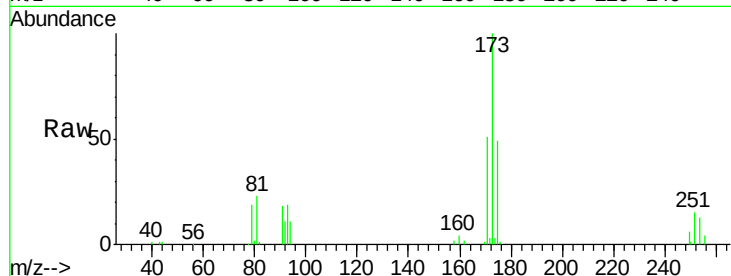
Tot Ion:173 Resp: 105362

Ion Ratio Lower Upper

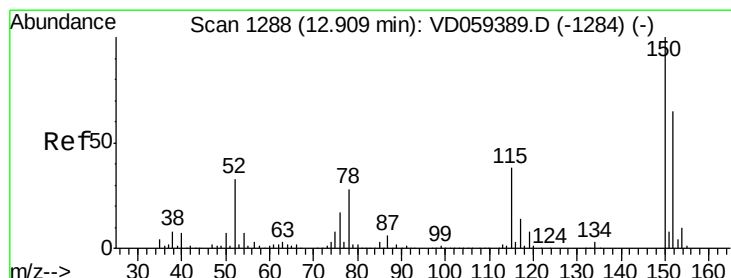
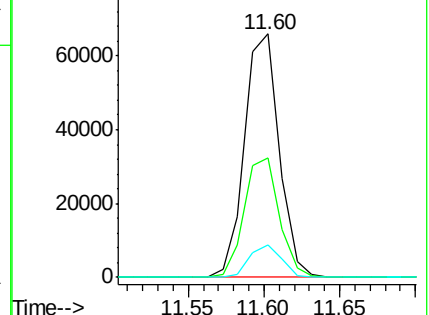
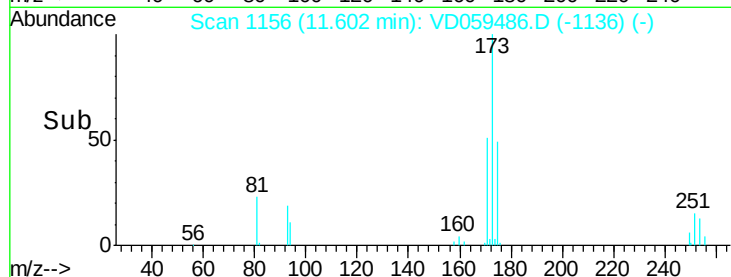
173 100

175 49.1 22.8 68.4

254 13.4 10.1 15.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

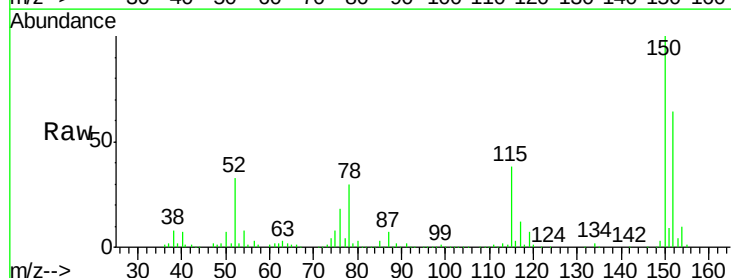
Tgt Ion:152 Resp: 499376

Ion Ratio Lower Upper

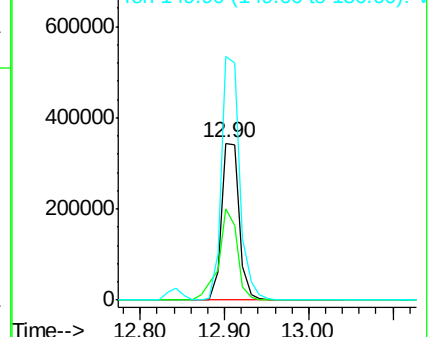
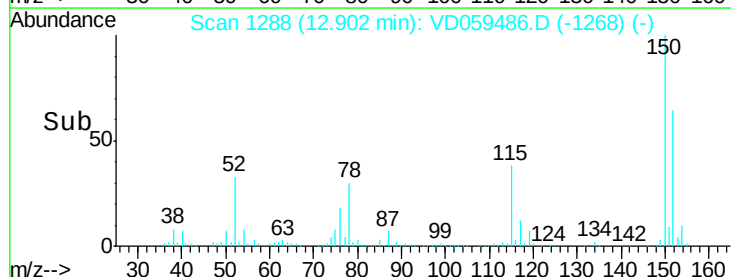
152 100

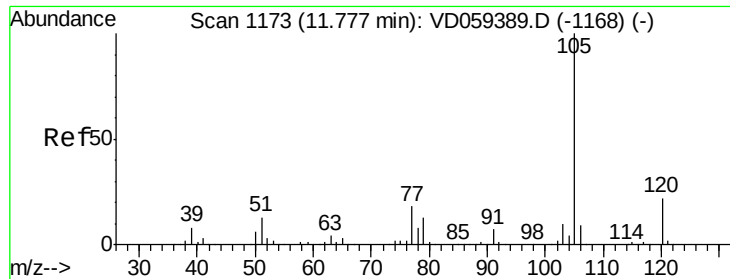
115 58.5 29.4 88.3

150 155.2 0.0 308.2



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





#73

Isopropylbenzene

Concen: 21.57 ug/l

RT: 11.77 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VD059486.D

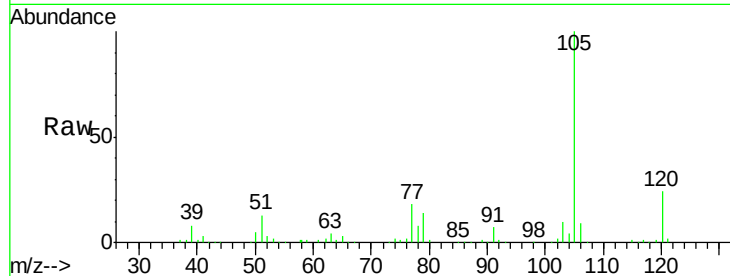
Acq: 29 Jun 2018 12:34

Tot Ion: 105 Resp: 607865

Ion Ratio Lower Upper

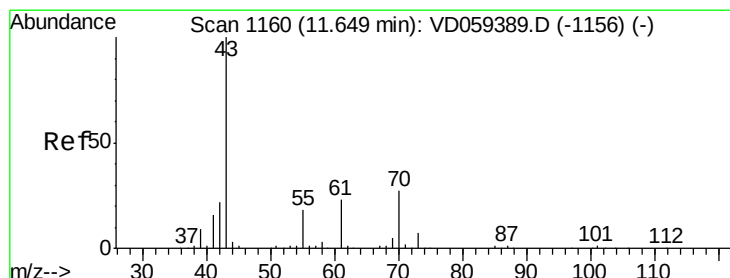
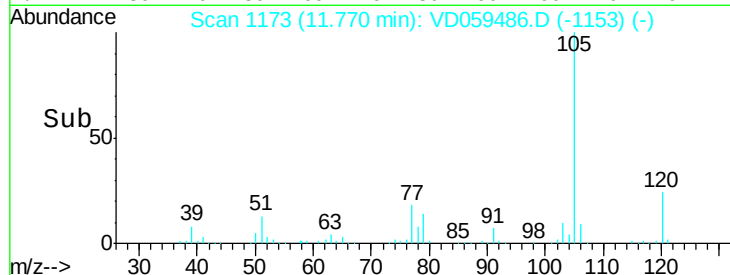
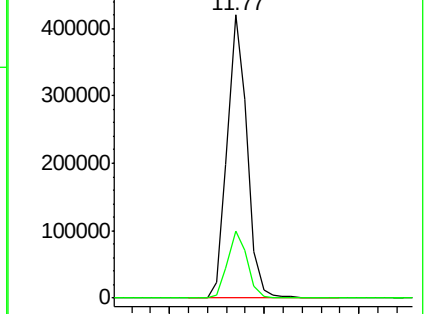
105 100

120 23.7 11.0 33.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.17 ug/l

RT: 11.64 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

Tgt Ion: 43 Resp: 205548

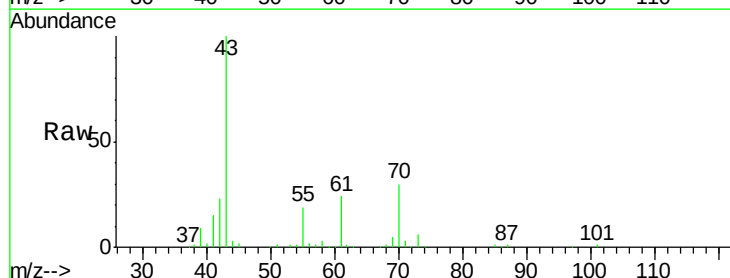
Ion Ratio Lower Upper

43 100

70 30.4 21.7 32.5

55 18.8 14.6 22.0

61 23.9 18.0 27.0

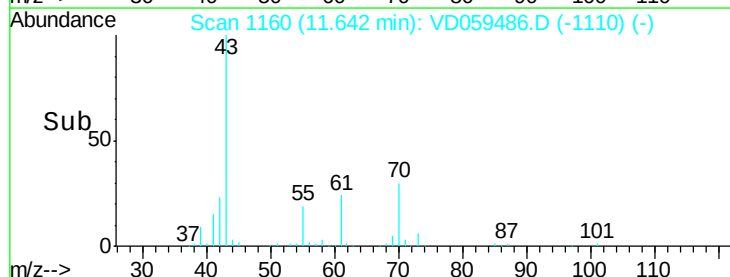
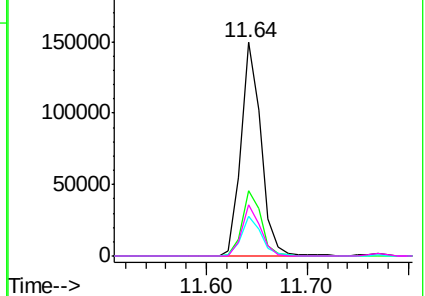


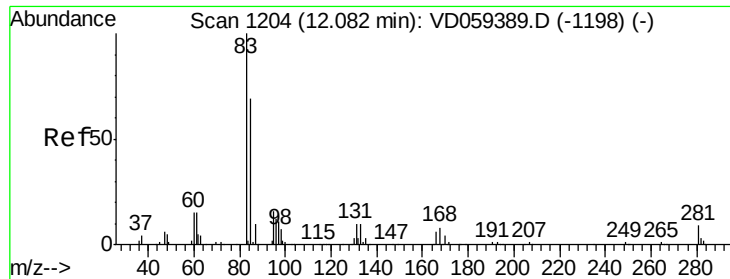
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.49 ug/l

RT: 12.07 min Scan# 1204

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

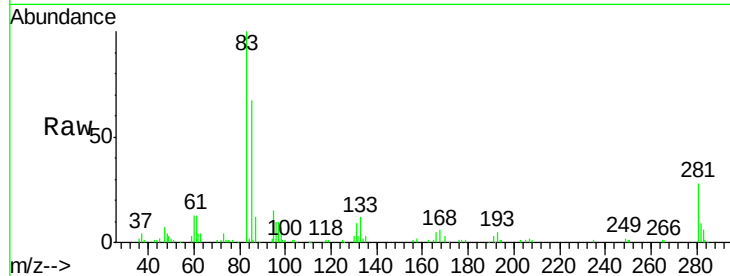
Tot Ion: 83 Resp: 135475

Ion	Ratio	Lower	Upper
83	100		
131	9.3	4.9	14.6
85	66.9	34.6	103.8

83 100

131 9.3 4.9 14.6

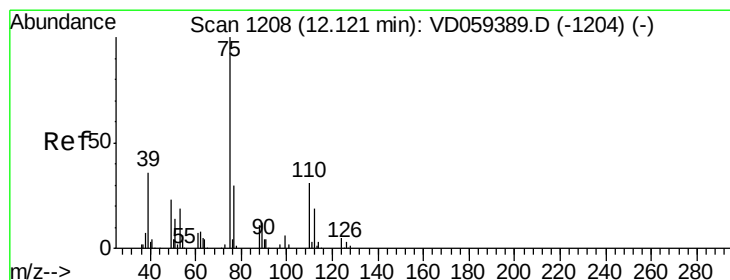
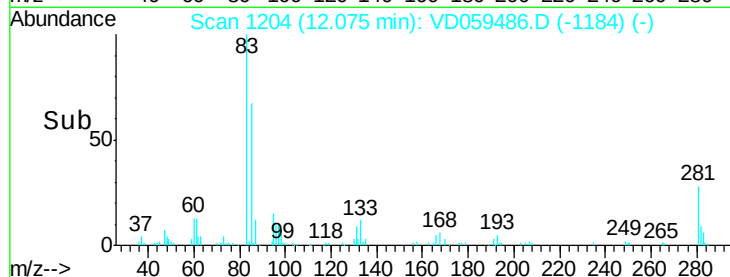
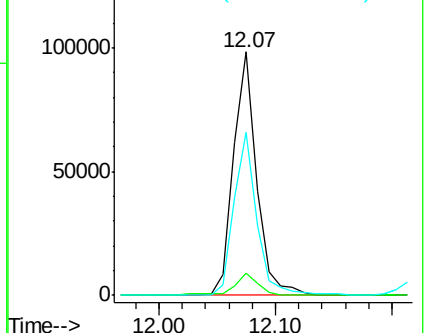
85 66.9 34.6 103.8



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 19.99 ug/l

RT: 12.11 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VD059486.D

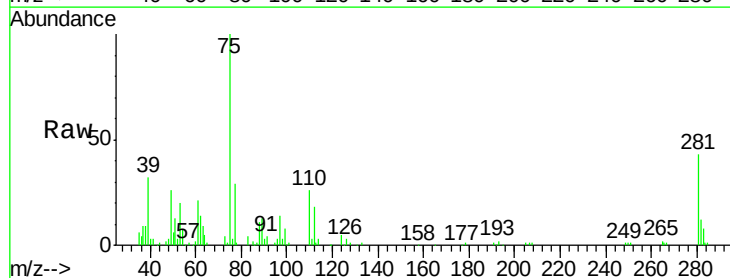
Acq: 29 Jun 2018 12:34

Tgt Ion: 75 Resp: 137715

Ion	Ratio	Lower	Upper
75	100		
77	28.6	15.6	46.8

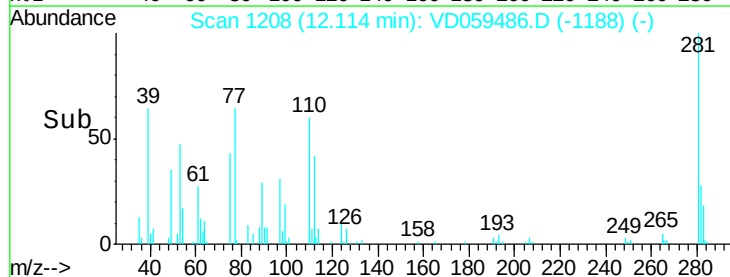
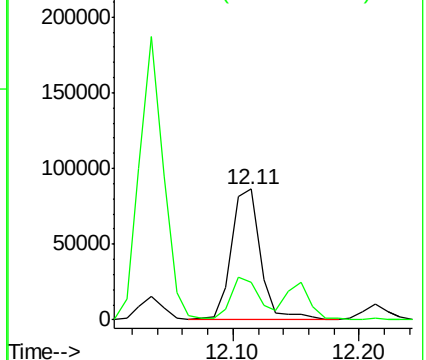
75 100

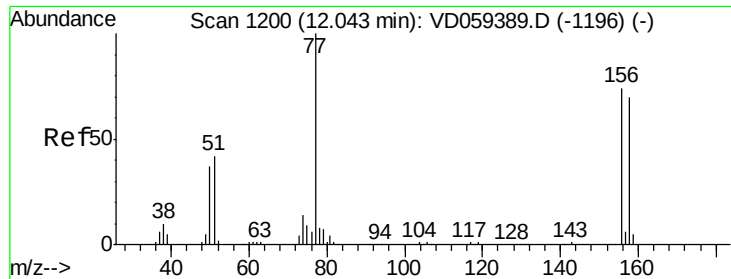
77 28.6 15.6 46.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.33 ug/l

RT: 12.04 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

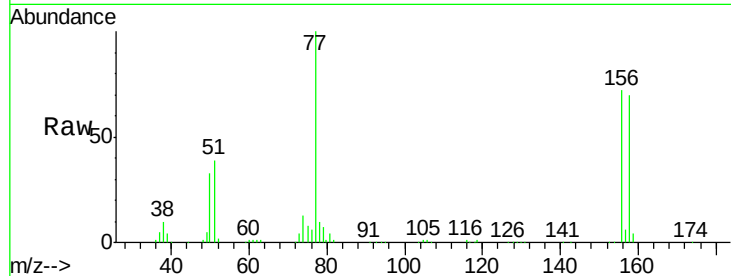
Tot Ion:156 Resp: 189224

Ion Ratio Lower Upper

156 100

77 138.2 68.0 203.8

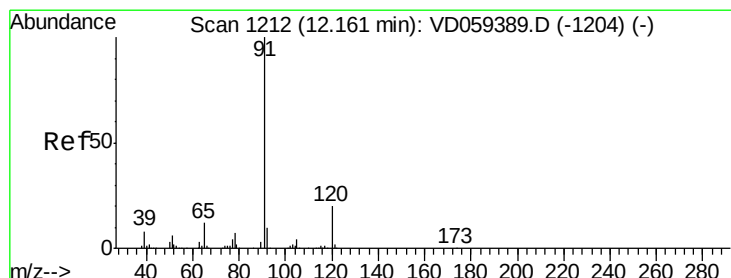
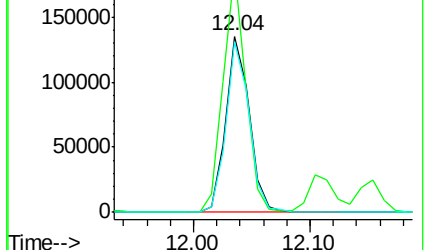
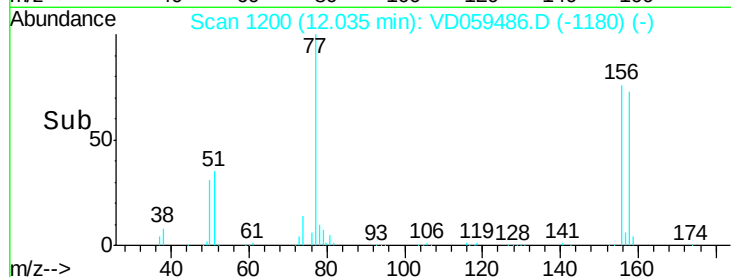
158 96.8 47.7 143.1



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 22.78 ug/l

RT: 12.15 min Scan# 1212

Delta R.T. -0.01 min

Lab File: VD059486.D

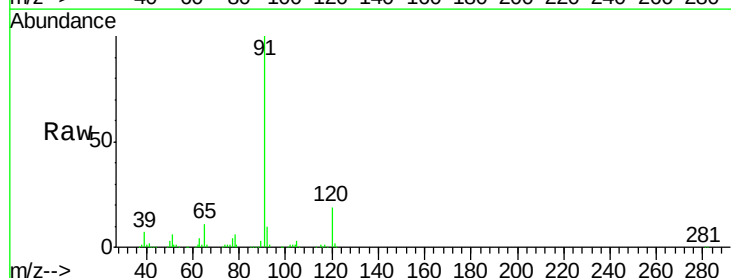
Acq: 29 Jun 2018 12:34

Tgt Ion: 91 Resp: 813109

Ion Ratio Lower Upper

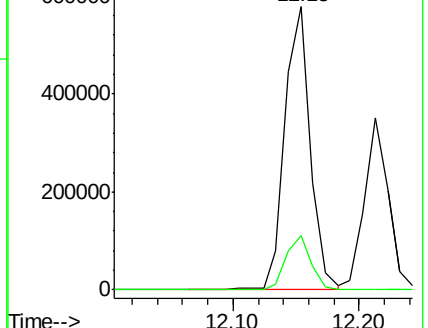
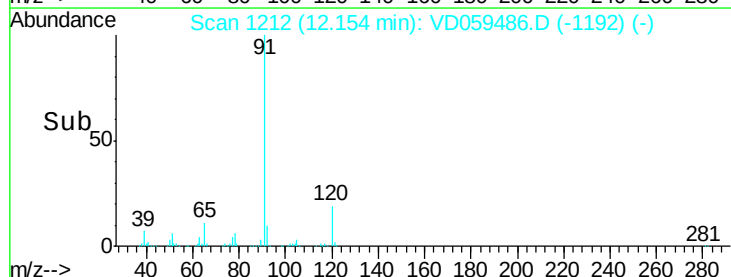
91 100

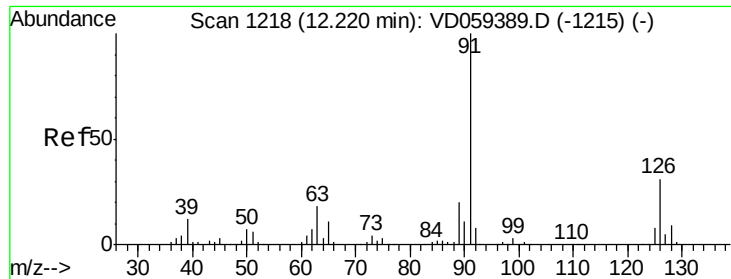
120 19.1 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

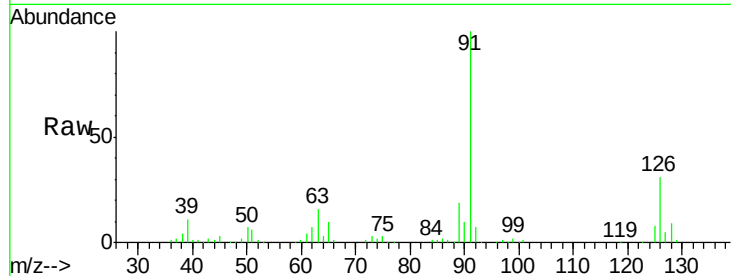
Ion 120.05 (119.75 to 120.75): V



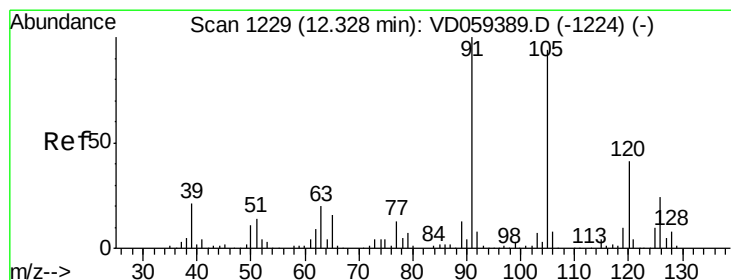
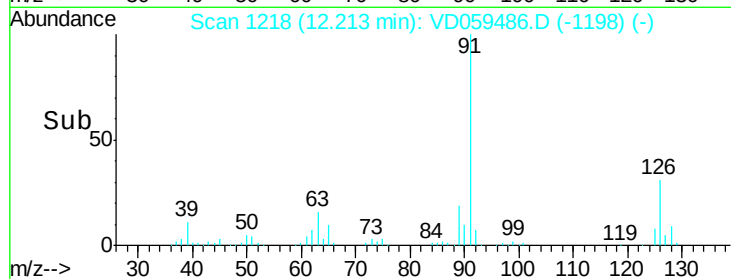
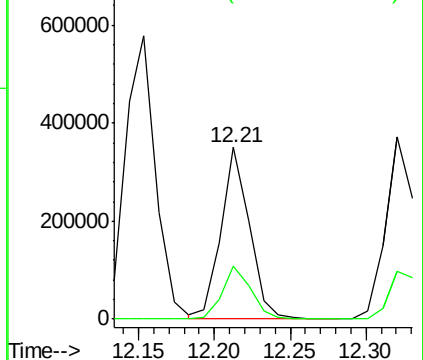


#79
 2-Chlorotoluene
 Concen: 21.91 ug/l
 RT: 12.21 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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

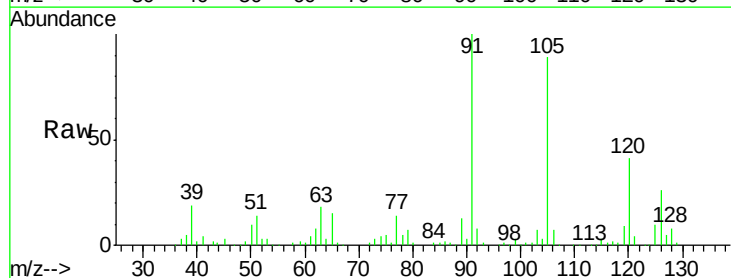


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

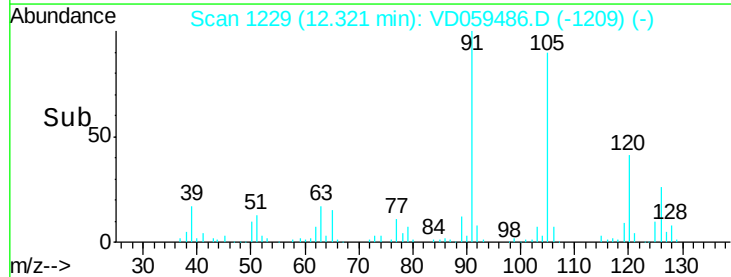
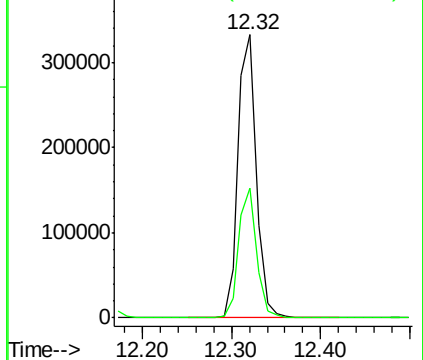


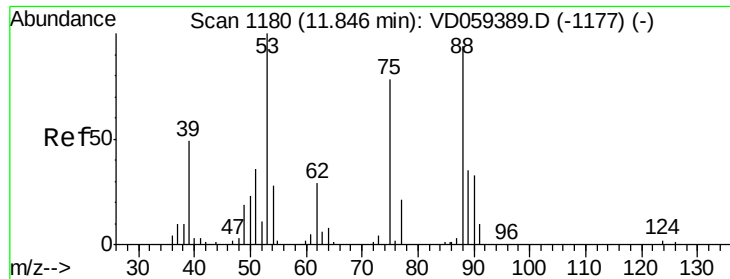
#80
 1,3,5-Trimethylbenzene
 Concen: 21.50 ug/l
 RT: 12.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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



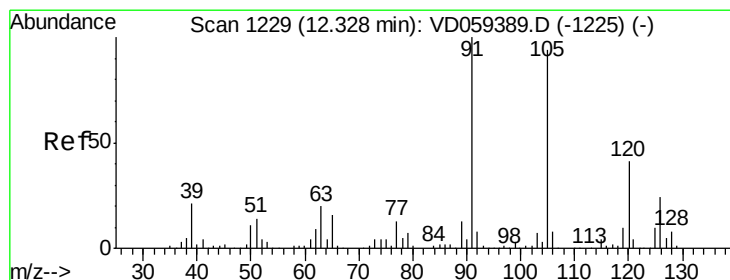
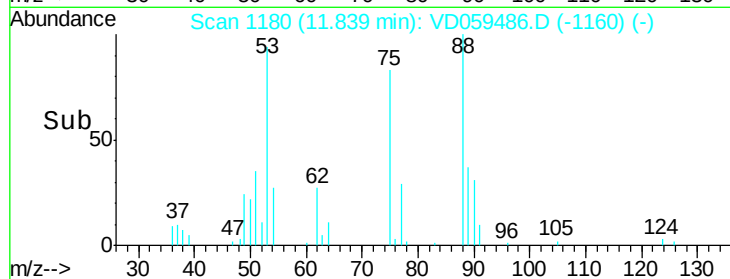
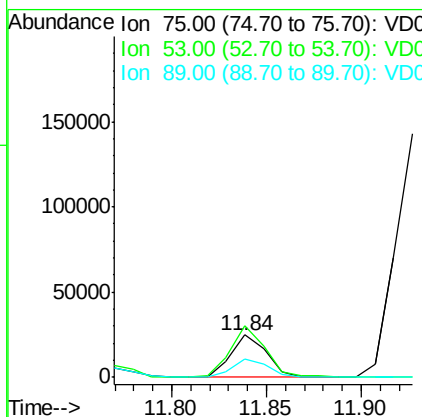
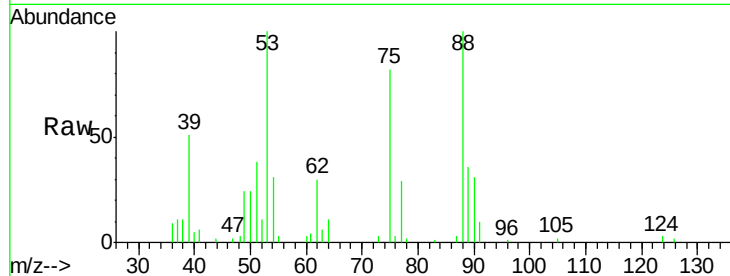
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





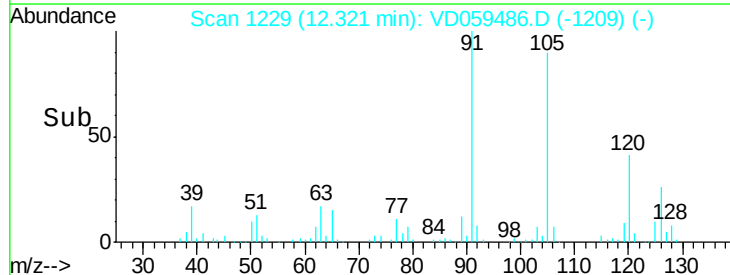
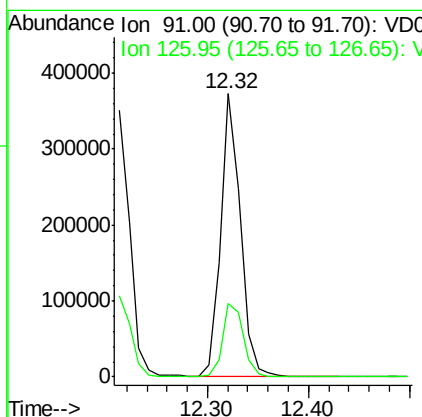
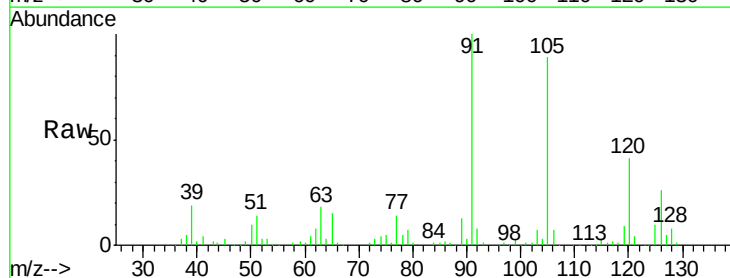
#81
trans-1,4-Dichloro-2-butene
Concen: 21.05 ug/l
RT: 11.84 min Scan# 1180
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

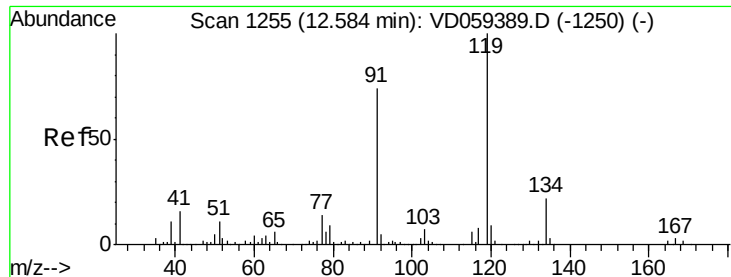
Tot Ion: 75 Resp: 32955
Ion Ratio Lower Upper
75 100
53 121.7 102.6 154.0
89 44.4 35.9 53.9



#82
4-Chlorotoluene
Concen: 21.44 ug/l
RT: 12.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

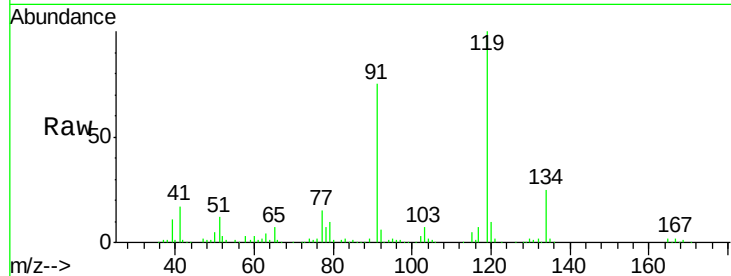
Tgt Ion: 91 Resp: 509532
Ion Ratio Lower Upper
91 100
126 26.1 12.2 36.6



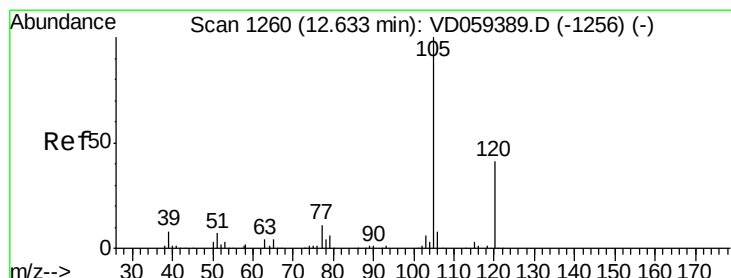
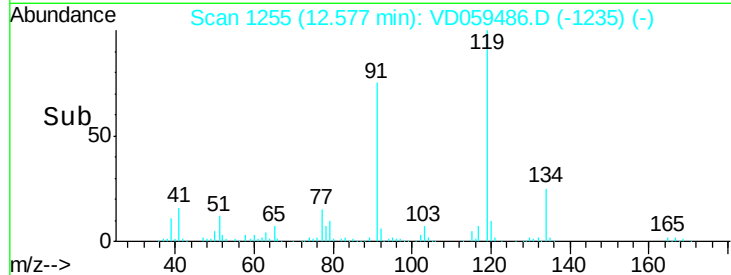
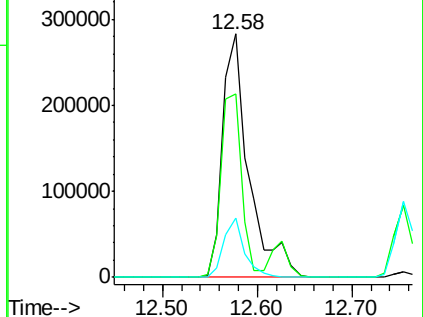


#83
 tert-Butylbenzene
 Concen: 22.78 ug/l
 RT: 12.58 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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

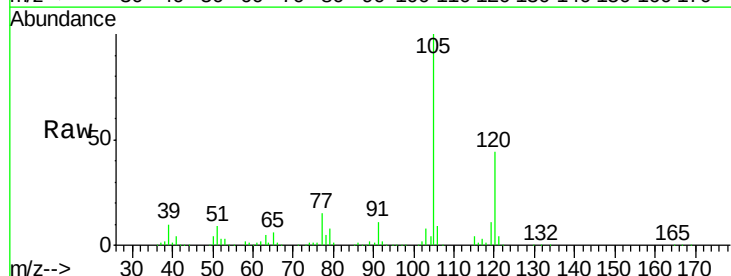


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

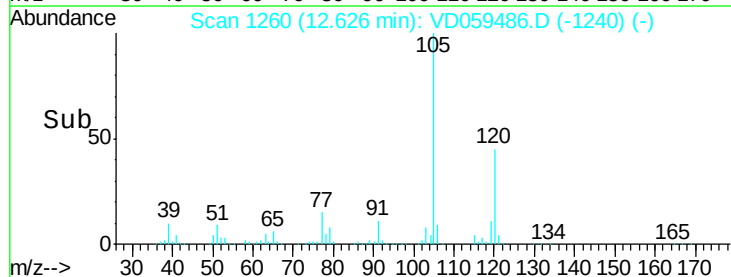
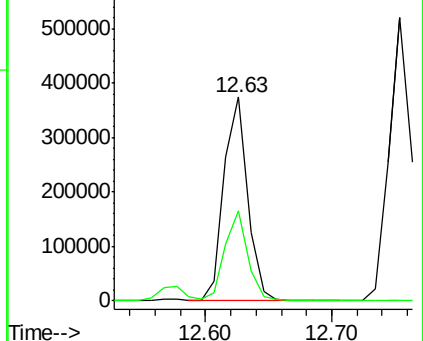


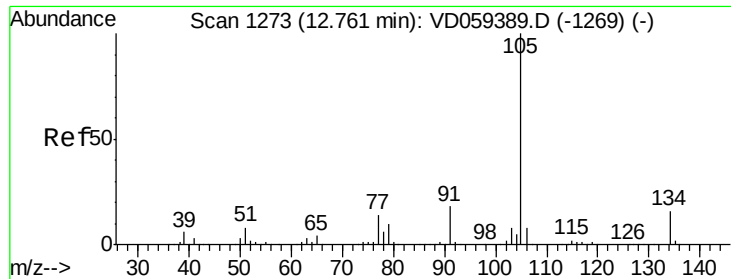
#84
 1,2,4-Trimethylbenzene
 Concen: 20.46 ug/l
 RT: 12.63 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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



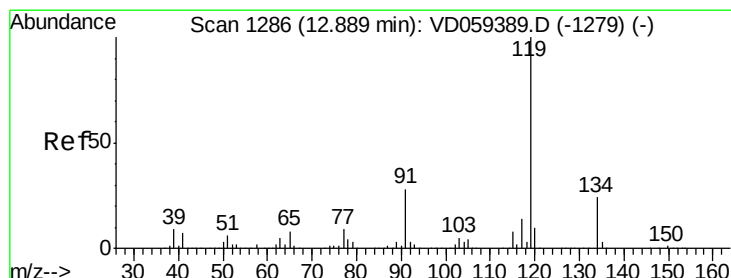
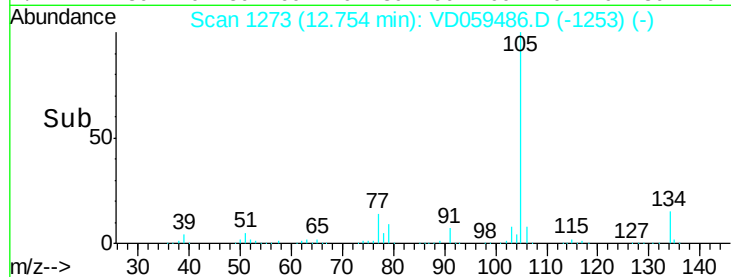
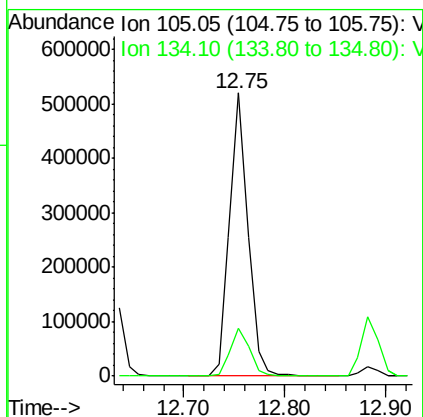
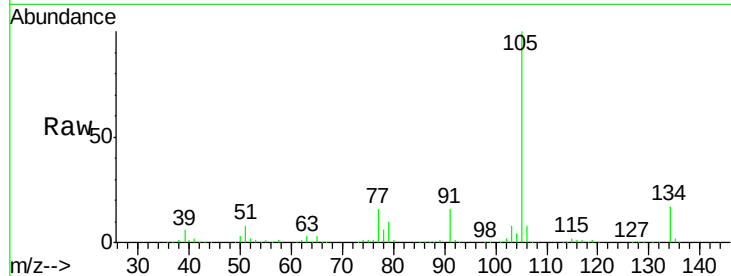
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





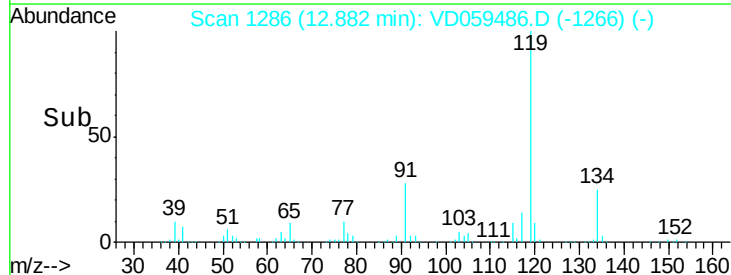
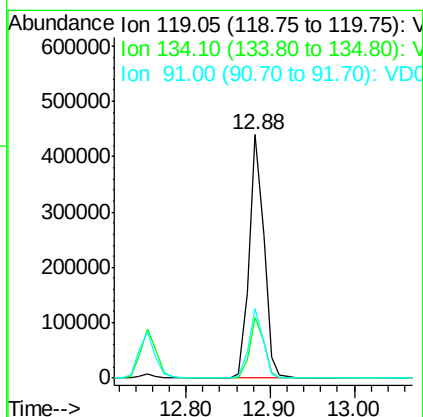
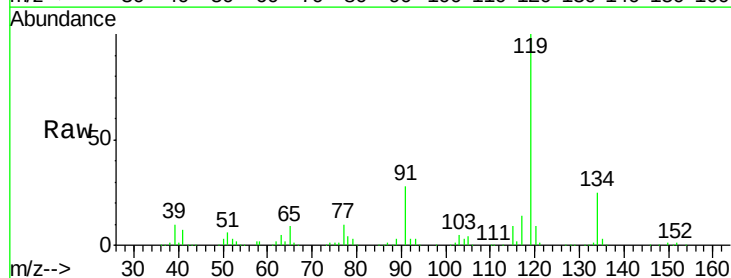
#85
 sec-Butylbenzene
 Concen: 22.54 ug/l
 RT: 12.75 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

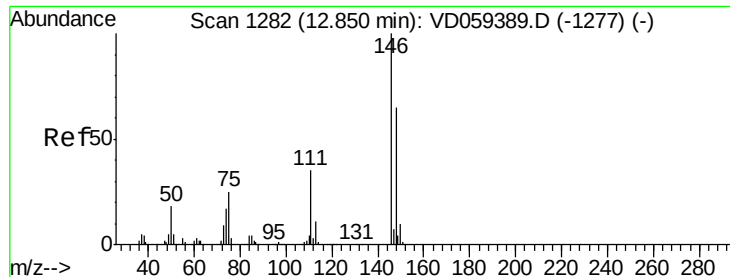
Tot Ion:105 Resp: 660007
 Ion Ratio Lower Upper
 105 100
 134 17.1 8.2 24.6



#86
 p-Isopropyltoluene
 Concen: 22.82 ug/l
 RT: 12.88 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

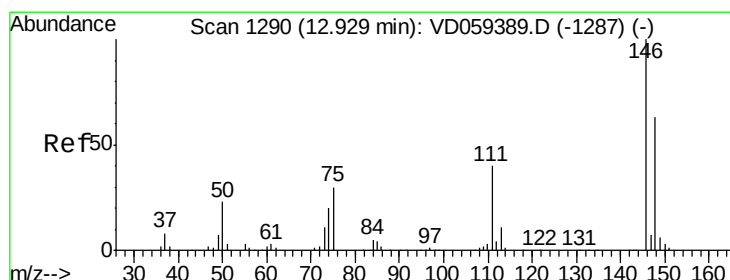
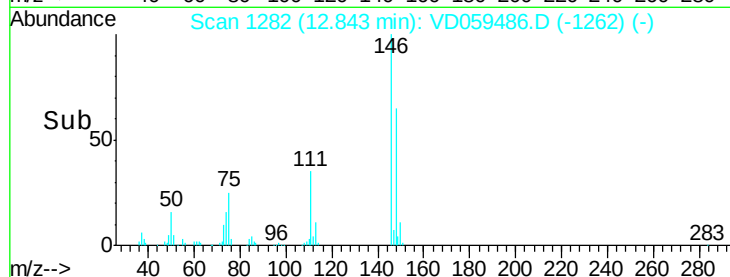
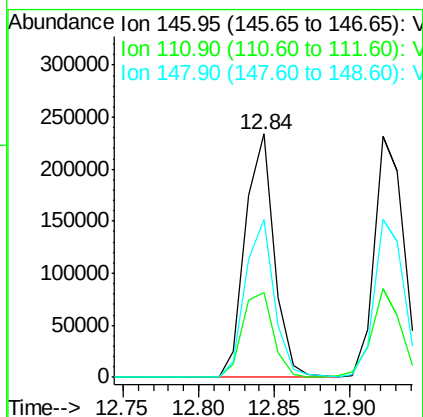
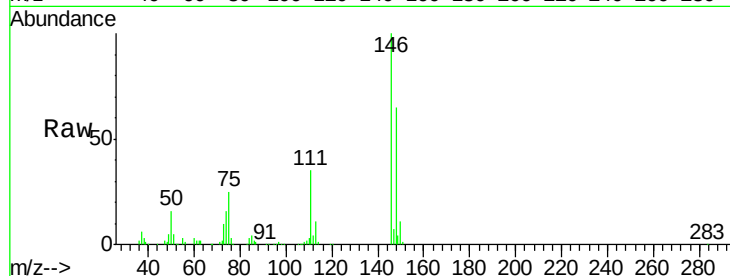
Tgt Ion:119 Resp: 538624
 Ion Ratio Lower Upper
 119 100
 134 25.0 11.9 35.5
 91 28.4 14.1 42.4





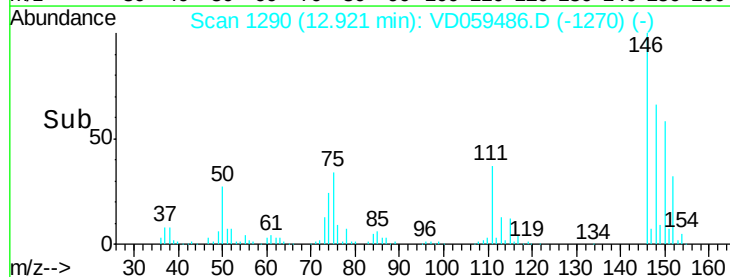
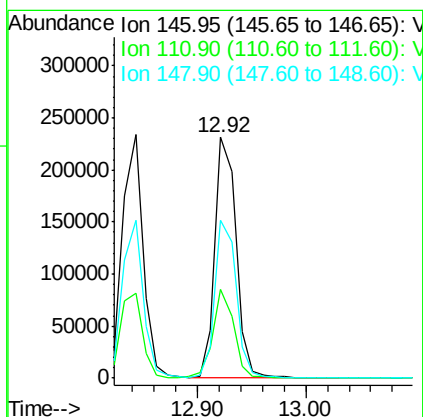
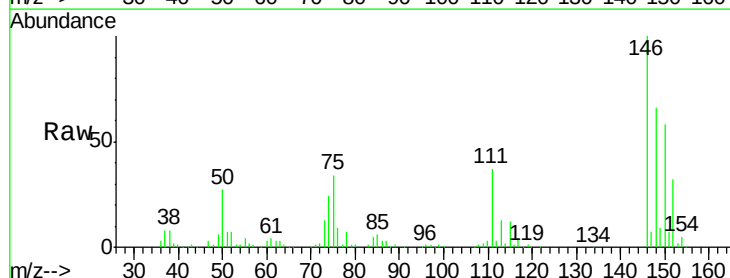
#87
 1,3-Dichlorobenzene
 Concen: 21.37 ug/l
 RT: 12.84 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

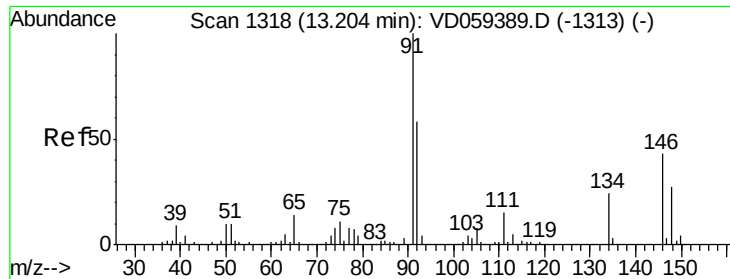
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.8	17.6	52.8
148	64.6	32.4	97.2



#88
 1,4-Dichlorobenzene
 Concen: 22.02 ug/l
 RT: 12.92 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

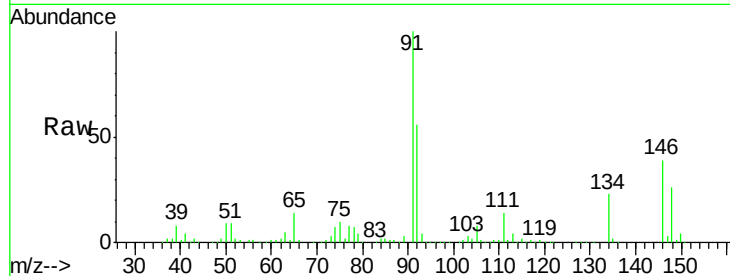
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	20.1	60.2
148	65.5	31.4	94.0



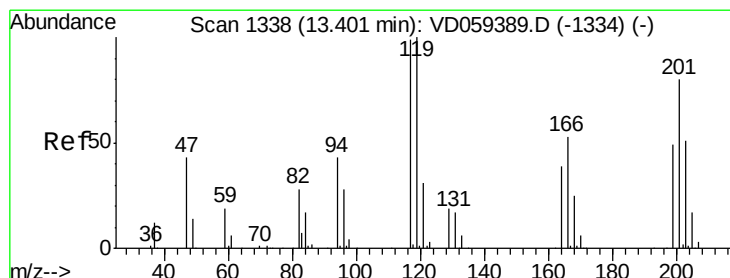
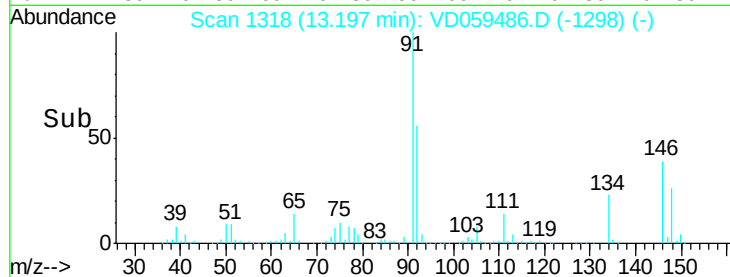
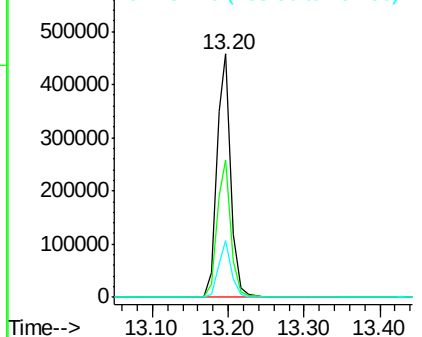


#89
n-Butylbenzene
Concen: 25.65 ug/l
RT: 13.20 min Scan# 1318
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

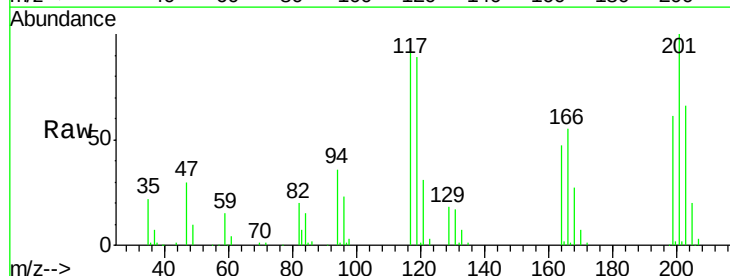


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 92.00 (91.70 to 92.70): VDC
Ion 134.10 (133.80 to 134.80): V

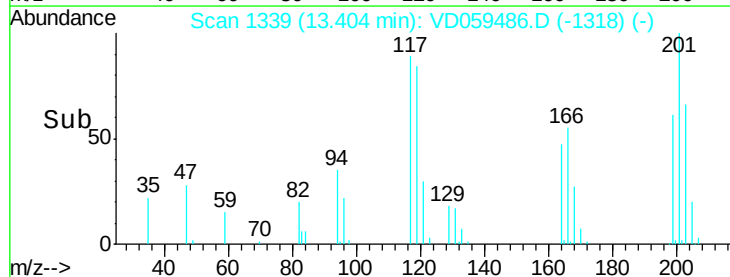
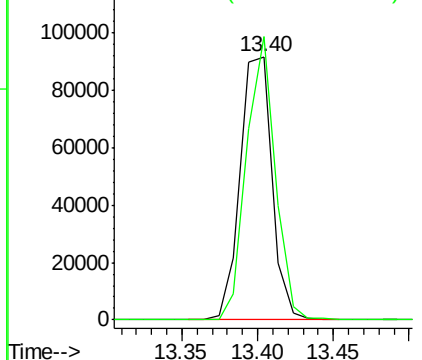


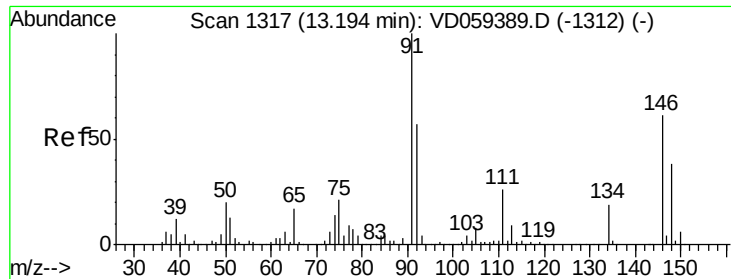
#90
Hexachloroethane
Concen: 22.83 ug/l
RT: 13.40 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



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





#91

1,2-Dichlorobenzene

Concen: 22.92 ug/l

RT: 13.19 min Scan# 1317

Delta R.T. -0.01 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

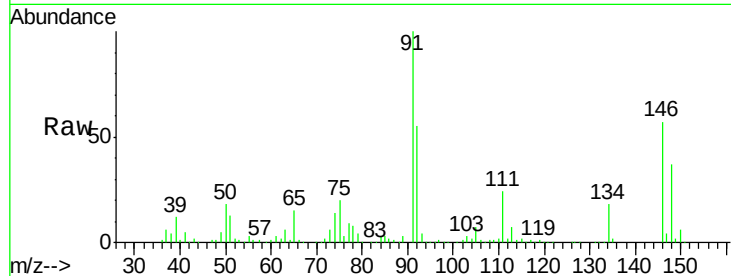
Tot Ion:146 Resp: 283537

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.2

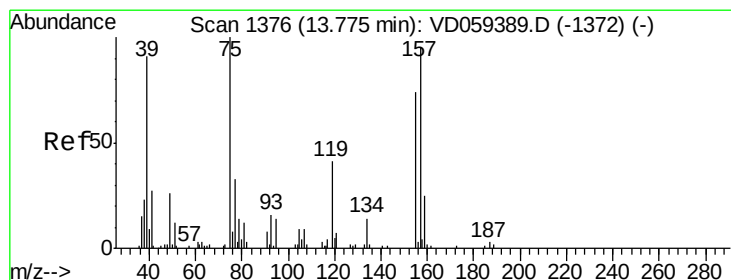
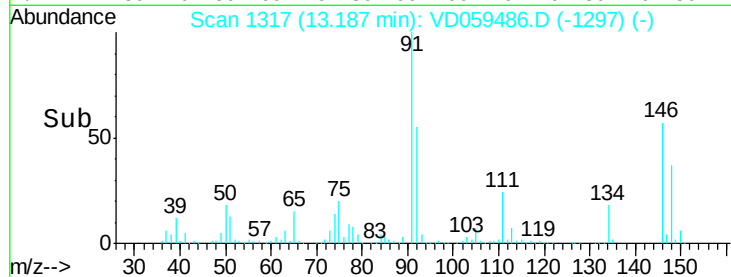
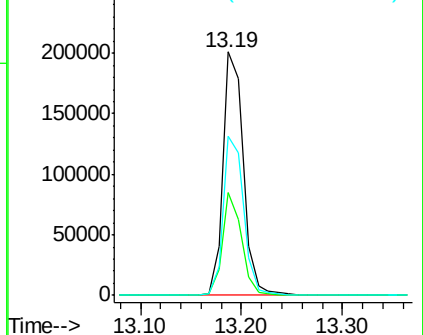
148 65.1 31.6 95.0



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: 18.88 ug/l

RT: 13.78 min Scan# 1377

Delta R.T. 0.00 min

Lab File: VD059486.D

Acq: 29 Jun 2018 12:34

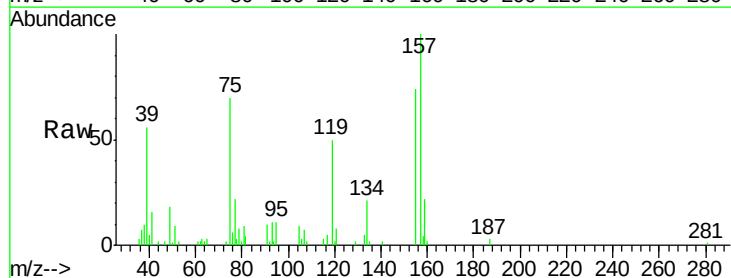
Tgt Ion: 75 Resp: 20584

Ion Ratio Lower Upper

75 100

155 106.2 37.2 111.6

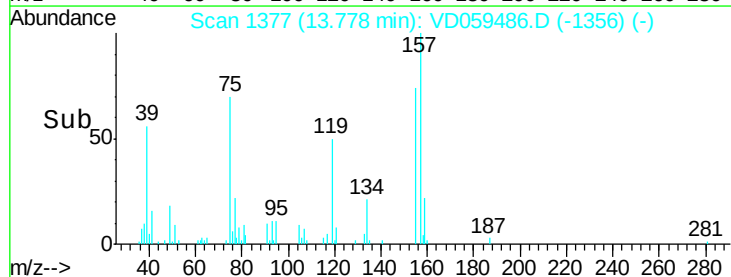
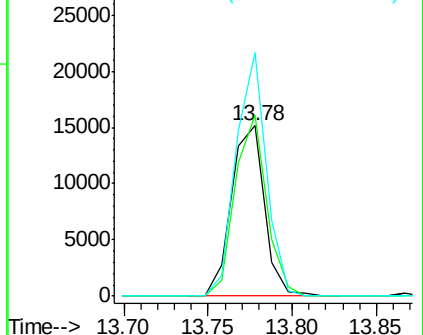
157 142.8 47.4 142.2#

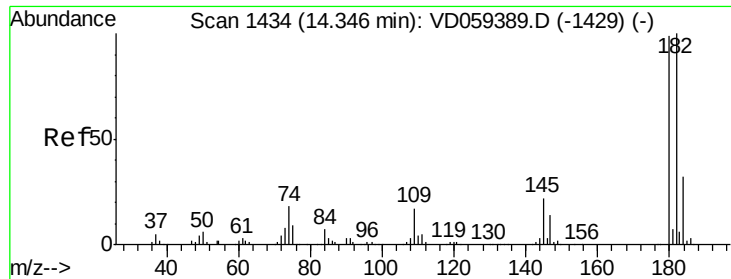


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

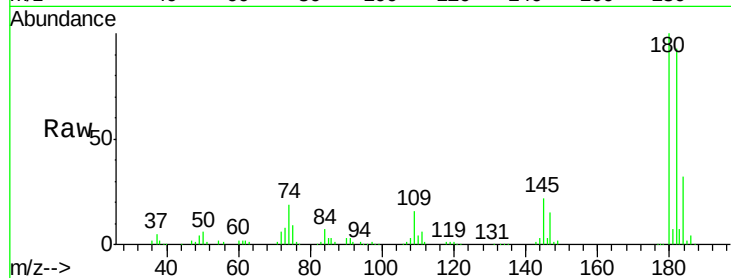
Ion 156.85 (156.55 to 157.55): V



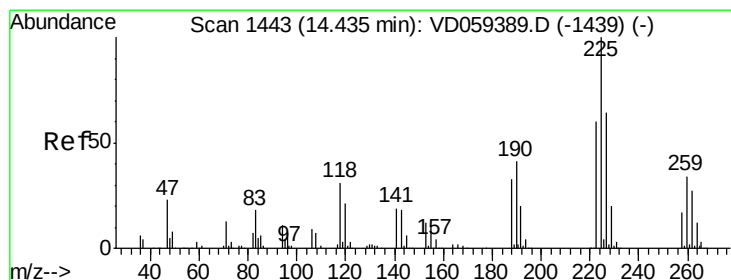
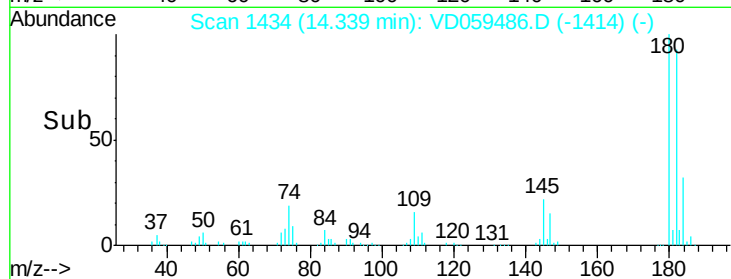
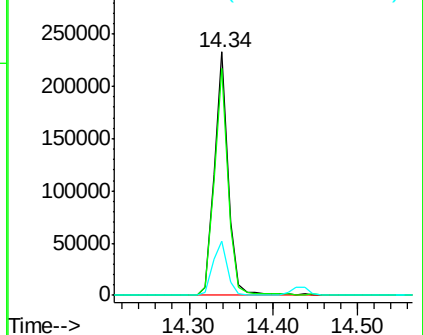


#93
 1,2,4-Trichlorobenzene
 Concen: 23.31 ug/l
 RT: 14.34 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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

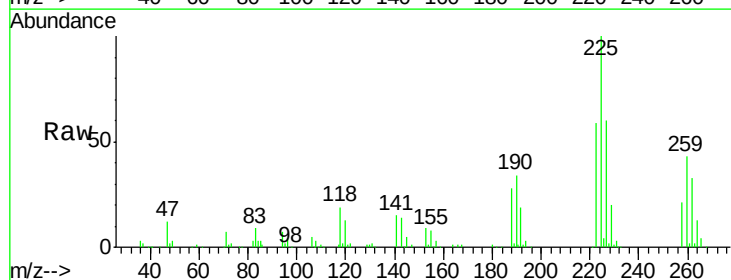


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

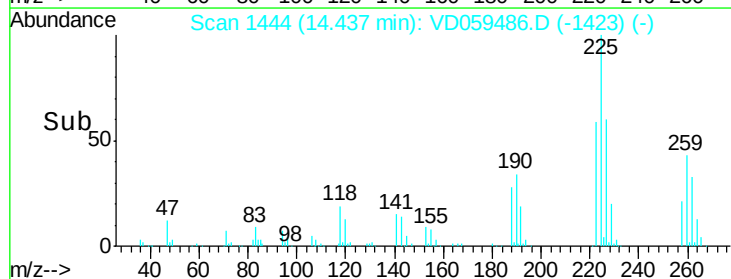
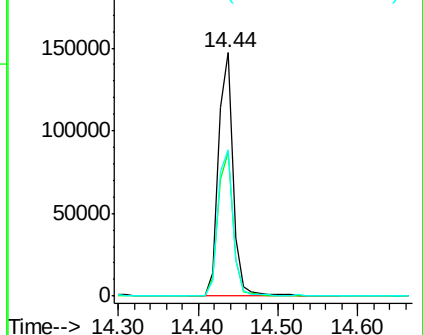


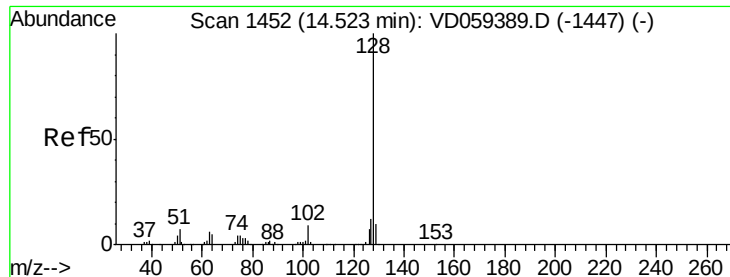
#94
 Hexachlorobutadiene
 Concen: 22.36 ug/l
 RT: 14.44 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VD059486.D
 Acq: 29 Jun 2018 12:34

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



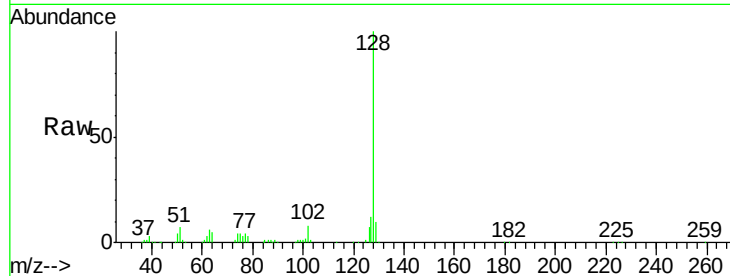
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



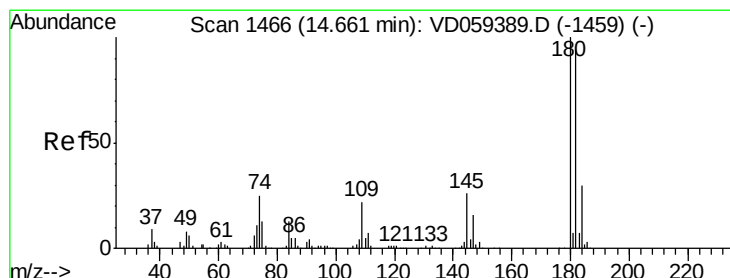
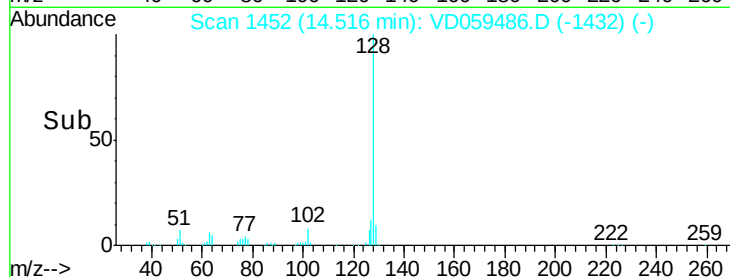
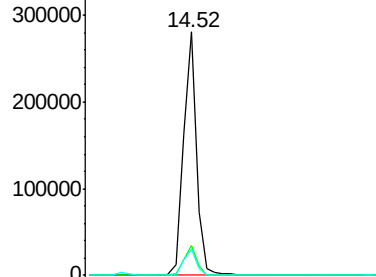


#95
Naphthalene
Concen: 20.51 ug/l
RT: 14.52 min Scan# 1452
Delta R.T. -0.01 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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

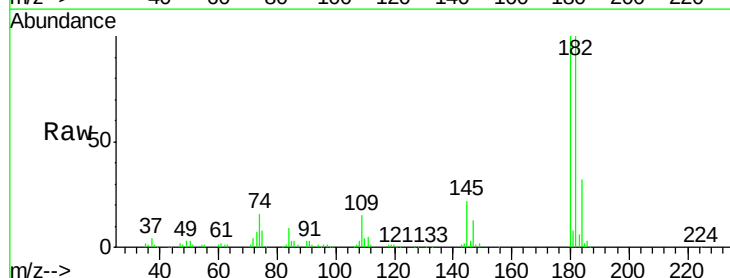


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.54 ug/l
RT: 14.66 min Scan# 1467
Delta R.T. 0.00 min
Lab File: VD059486.D
Acq: 29 Jun 2018 12:34

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



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

