

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062555.D
 Acq On : 30 May 2019 15:54
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00u/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: May 31 01:15:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	805340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1100908	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	881523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	511830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	520556	55.07	ug/l	0.00
Spiked Amount			Recovery	=	110.14%	
35) Dibromofluoromethane	6.94	113	567285	55.76	ug/l	0.00
Spiked Amount			Recovery	=	111.52%	
50) Toluene-d8	10.42	98	1203993	54.61	ug/l	0.00
Spiked Amount			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	13.56	95	530810	53.70	ug/l	0.00
Spiked Amount			Recovery	=	107.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	448146	46.704	ug/l	100
3) Chloromethane	1.74	50	460052	42.043	ug/l	100
4) Vinyl Chloride	1.85	62	378875	51.374	ug/l	100
5) Bromomethane	2.15	94	156061	68.956	ug/l	100
6) Chloroethane	2.27	64	195630	55.627	ug/l	100
7) Trichlorofluoromethane	2.54	101	812222	52.719	ug/l	100
8) Diethyl Ether	2.87	74	104545	52.812	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.16	101	471804	51.767	ug/l	100
10) Methyl Iodide	3.30	142	657655	66.080	ug/l	100
11) Tert butyl alcohol	4.09	59	106459	245.001	ug/l	100
12) 1,1-Dichloroethene	3.13	96	340301	52.536	ug/l	100
13) Acrolein	3.04	56	46051	244.845	ug/l	100
14) Allyl chloride	3.62	41	553575	54.588	ug/l	100
15) Acrylonitrile	4.21	53	259989	265.630	ug/l	100
16) Acetone	3.23	43	510240	261.740	ug/l	100
17) Carbon Disulfide	3.37	76	1117665	54.299	ug/l	100
18) Methyl Acetate	3.65	43	138851	43.787	ug/l	100
19) Methyl tert-butyl Ether	4.25	73	843060	53.434	ug/l	100
20) Methylene Chloride	3.83	84	357323	52.300	ug/l	100
21) trans-1,2-Dichloroethene	4.23	96	379224	51.639	ug/l	100
22) Diisopropyl ether	5.14	45	1115384	54.637	ug/l	100
23) Vinyl Acetate	5.07	43	3468774	279.199	ug/l	100
24) 1,1-Dichloroethane	5.00	63	718792	53.896	ug/l	100
25) 2-Butanone	6.08	43	500441	279.342	ug/l	100
26) 2,2-Dichloropropane	6.04	77	780287	53.886	ug/l	100
27) cis-1,2-Dichloroethene	6.05	96	409791	54.172	ug/l	100
28) Bromochloromethane	6.45	49	230003	51.999	ug/l	100
29) Tetrahydrofuran	6.47	42	229518	278.662	ug/l	100
30) Chloroform	6.68	83	882494	54.992	ug/l	100
31) Cyclohexane	6.97	56	485492	54.948	ug/l	100
32) 1,1,1-Trichloroethane	6.89	97	896067	54.679	ug/l	100
36) 1,1-Dichloropropene	7.16	75	591631	52.989	ug/l	100
37) Ethyl Acetate	6.20	43	240398	48.217	ug/l	100
38) Carbon Tetrachloride	7.12	117	992074	58.828	ug/l	100

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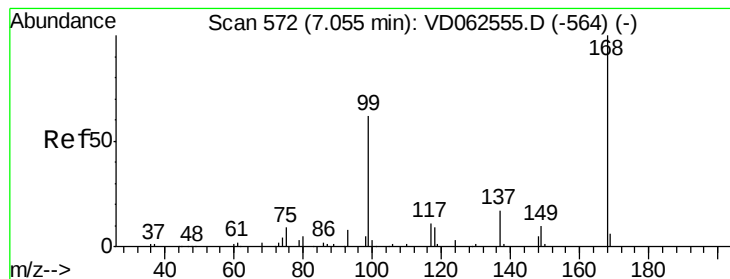
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	488005	52.173	ug/l	100
40) Benzene	7.47	78	1172636	53.466	ug/l	100
41) Methacrylonitrile	6.46	41	297158	53.172	ug/l	100
42) 1,2-Dichloroethane	7.60	62	685859	56.013	ug/l	100
43) Isopropyl Acetate	9.25	43	333862	56.476	ug/l #	100
44) Trichloroethene	8.55	130	461722	52.595	ug/l	100
45) 1,2-Dichloropropane	8.96	63	300648	55.806	ug/l	100
46) Dibromomethane	9.07	93	250324	55.706	ug/l	100
47) Bromodichloromethane	9.39	83	682447	54.672	ug/l	100
48) Methyl methacrylate	9.13	41	219977	54.156	ug/l	100
49) 1,4-Dioxane	9.10	88	34578	1048.615	ug/l	100
51) 4-Methyl-2-Pentanone	10.31	43	1125086	269.030	ug/l	100
52) Toluene	10.52	92	819634	54.931	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	594155	55.679	ug/l	100
54) cis-1,3-Dichloropropene	10.05	75	613925	55.656	ug/l	100
55) 1,1,2-Trichloroethane	11.20	97	263778	53.163	ug/l	100
56) Ethyl methacrylate	11.05	69	268267	51.119	ug/l	100
57) 1,3-Dichloropropane	11.42	76	410047	54.564	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.87	63	696209	255.962	ug/l	100
59) 2-Hexanone	11.54	43	812938	278.221	ug/l	100
60) Dibromochloromethane	11.69	129	527564	54.809	ug/l	100
61) 1,2-Dibromoethane	11.82	107	325493	55.438	ug/l	100
64) Tetrachloroethene	11.27	164	433995	54.399	ug/l	100
65) Chlorobenzene	12.41	112	989158	55.492	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	483147	57.998	ug/l	100
67) Ethyl Benzene	12.53	91	1790142	55.736	ug/l	100
68) m/p-Xylenes	12.68	106	1188385	108.951	ug/l	100
69) o-Xylene	13.06	106	585509	55.395	ug/l	100
70) Styrene	13.08	104	974364	54.530	ug/l	100
71) Bromoform	13.25	173	320771	55.308	ug/l	100
73) Isopropylbenzene	13.41	105	1758292	51.668	ug/l	100
74) N-amyl acetate	13.28	43	442077	50.563	ug/l	100
75) 1,1,2,2-Tetrachloroethane	13.71	83	299748	53.747	ug/l	100
76) 1,2,3-Trichloropropane	13.74	75	332114	51.390	ug/l	100
77) Bromobenzene	13.68	156	518678	54.447	ug/l	100
78) n-propylbenzene	13.78	91	1998446	50.393	ug/l	100
79) 2-Chlorotoluene	13.85	91	1177756	50.728	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	1573767	53.314	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	95986	54.901	ug/l	100
82) 4-Chlorotoluene	13.96	91	1411516	50.556	ug/l	100
83) tert-Butylbenzene	14.19	119	1666781	51.327	ug/l	100
84) 1,2,4-Trimethylbenzene	14.24	105	1456592	49.355	ug/l	100
85) sec-Butylbenzene	14.38	105	1786331	51.580	ug/l	100
86) p-Isopropyltoluene	14.50	119	1686335	51.772	ug/l	100
87) 1,3-Dichlorobenzene	14.47	146	863943	51.953	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	891970	54.693	ug/l	100
89) n-Butylbenzene	14.80	91	1569431	52.952	ug/l	100
90) Hexachloroethane	15.02	117	453972	52.152	ug/l	100
91) 1,2-Dichlorobenzene	14.81	146	731186	51.613	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	15.38	75	67624	59.760	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	594426	54.336	ug/l	100
94) Hexachlorobutadiene	16.04	225	441491	55.019	ug/l	100
95) Naphthalene	16.13	128	827575	53.588	ug/l	100
96) 1,2,3-Trichlorobenzene	16.28	180	442140	53.602	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062555.D

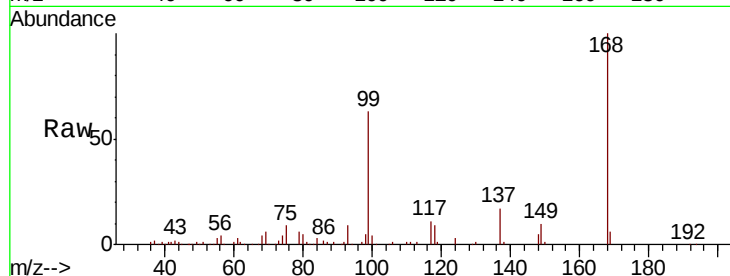
Acq: 30 May 2019 15:54

Tot Ion:168 Resp: 805340

Ion Ratio Lower Upper

168 100

99 63.5 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

250000

200000

150000

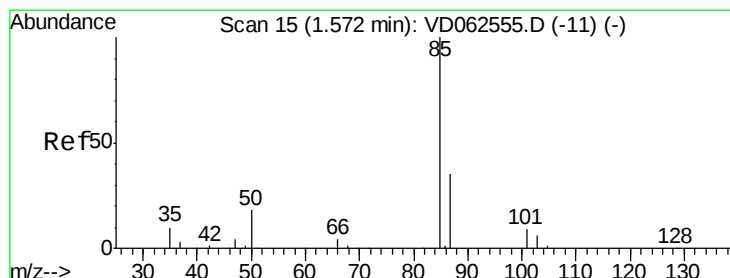
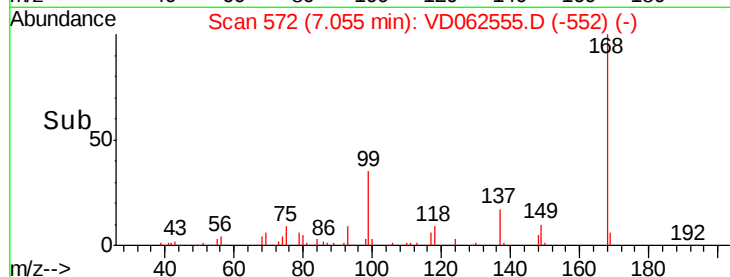
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 46.704 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062555.D

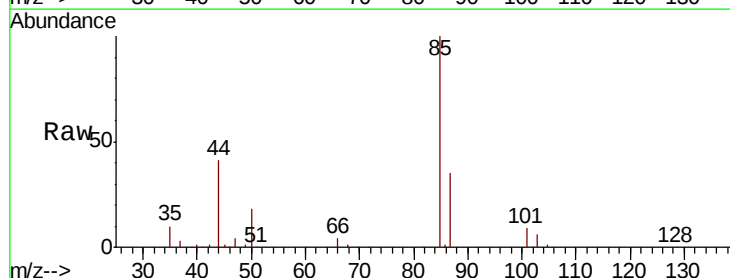
Acq: 30 May 2019 15:54

Tgt Ion: 85 Resp: 448146

Ion Ratio Lower Upper

85 100

87 35.1 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

250000

200000

150000

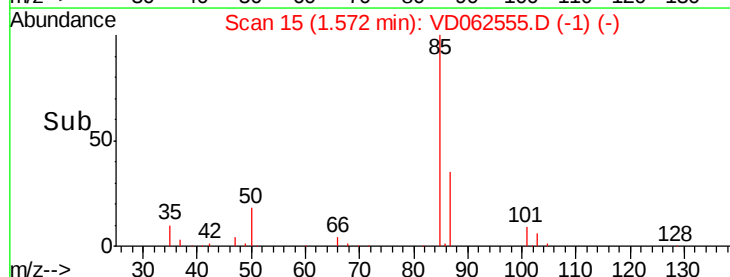
100000

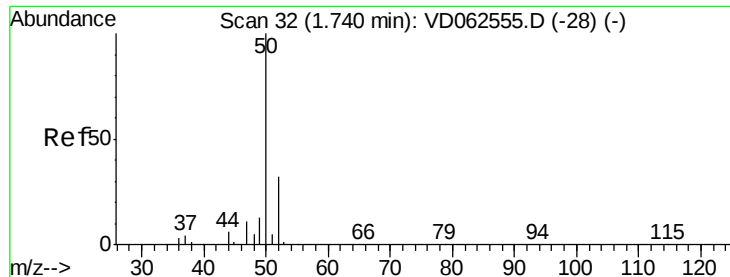
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 42.043 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062555.D

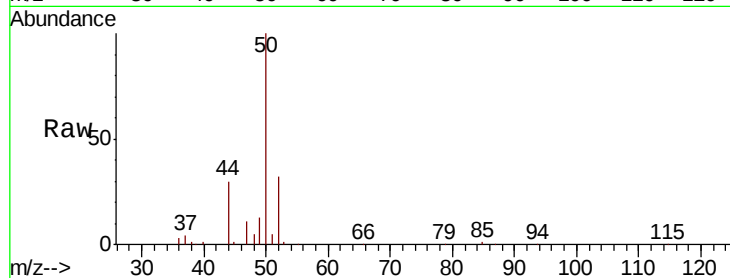
Acq: 30 May 2019 15:54

Tot Ion: 50 Resp: 460052

Ion Ratio Lower Upper

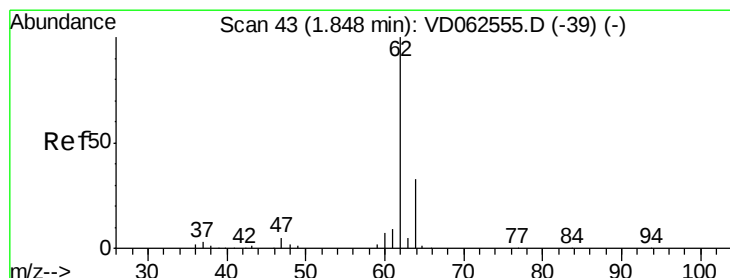
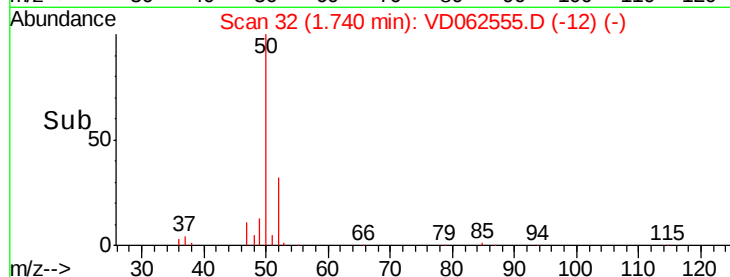
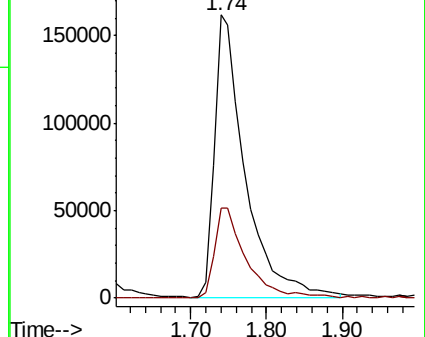
50 100

52 31.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.374 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.00 min

Lab File: VD062555.D

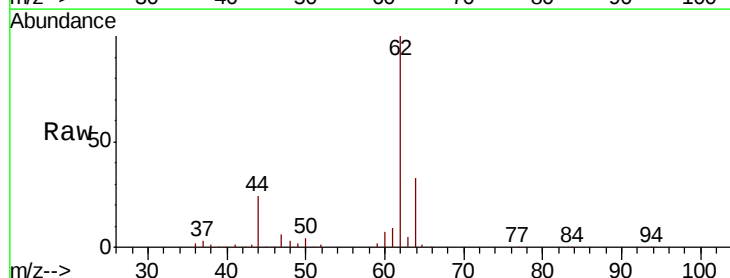
Acq: 30 May 2019 15:54

Tgt Ion: 62 Resp: 378875

Ion Ratio Lower Upper

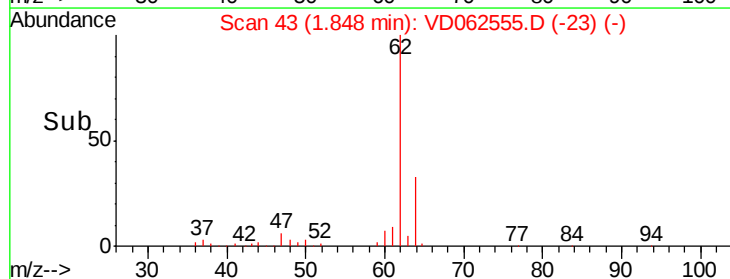
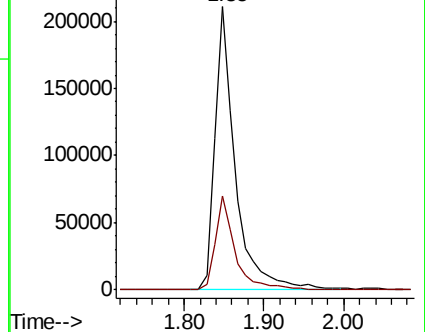
62 100

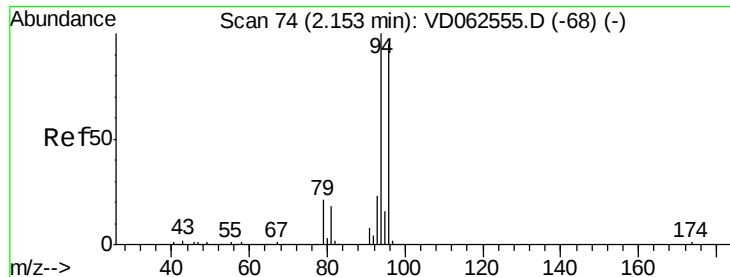
64 33.1 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 68.956 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

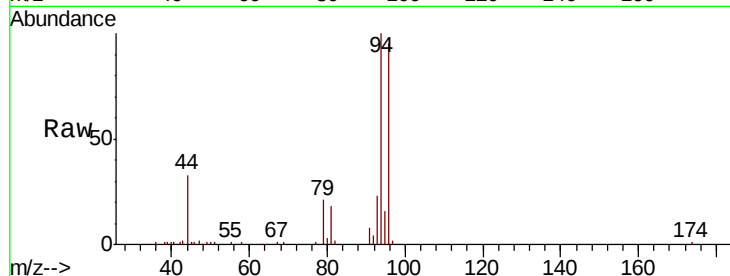
Tot Ion: 94 Resp: 156061

Ion Ratio Lower Upper

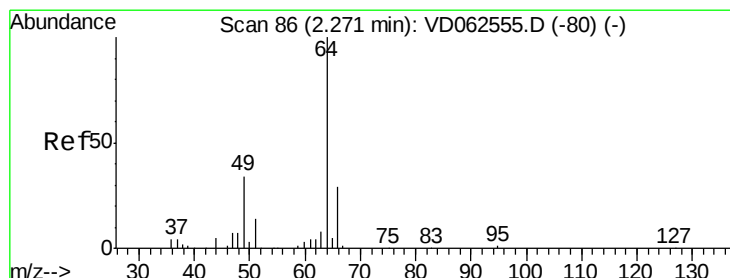
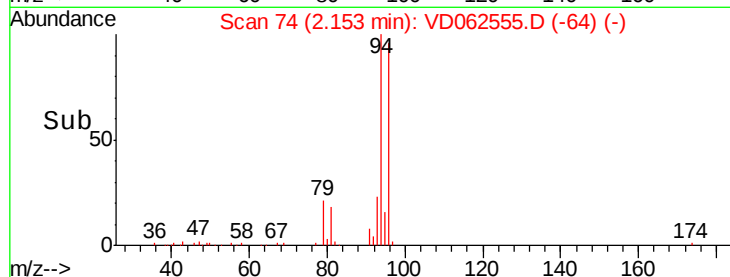
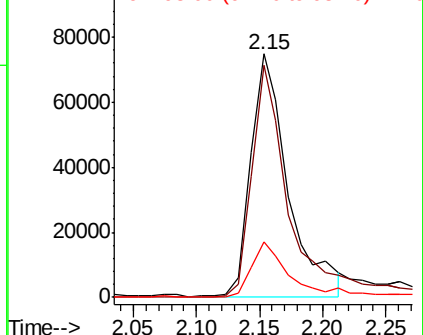
94 100

96 95.3 76.2 114.4

93 23.0 18.4 27.6



Abundance Ion 94.00 (93.70 to 94.70): VDC
Ion 96.00 (95.70 to 96.70): VDC
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 55.627 ug/l

RT: 2.27 min Scan# 86

Delta R.T. 0.00 min

Lab File: VD062555.D

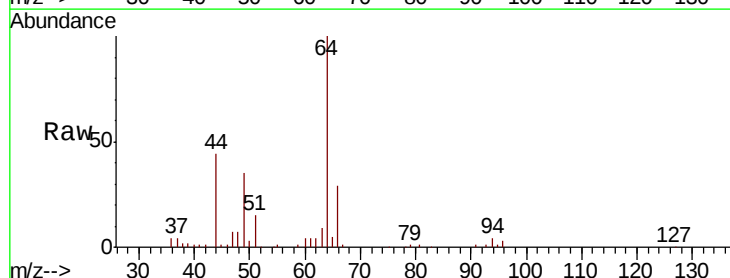
Acq: 30 May 2019 15:54

Tgt Ion: 64 Resp: 195630

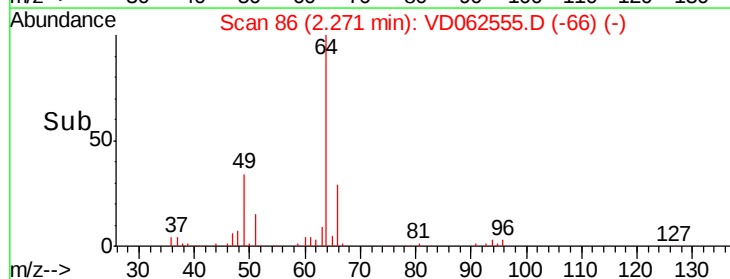
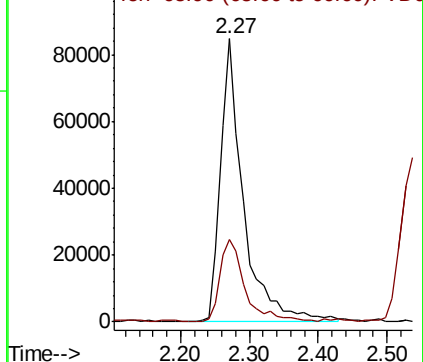
Ion Ratio Lower Upper

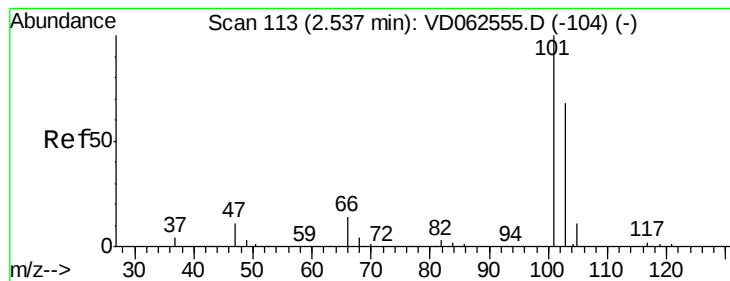
64 100

66 29.3 23.4 35.2



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

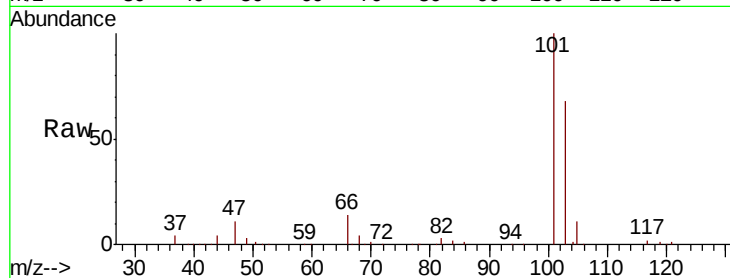




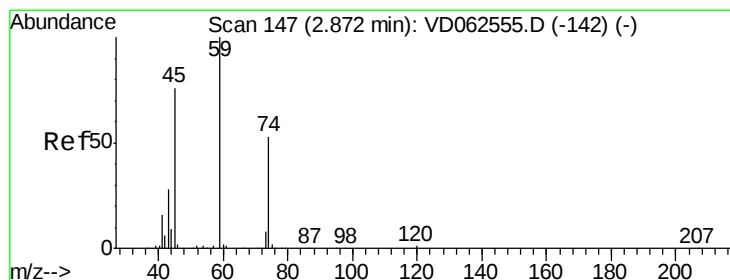
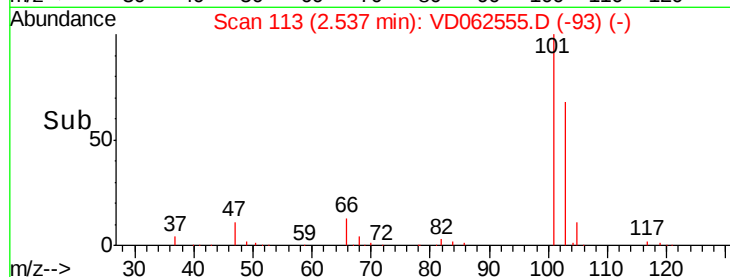
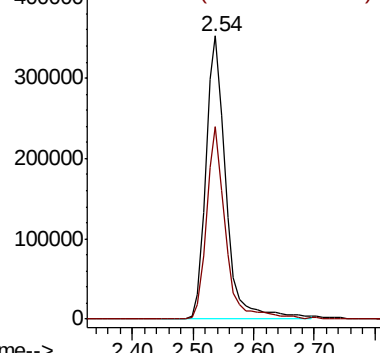
#7

Trichlorofluoromethane
Concen: 52.719 ug/l
RT: 2.54 min Scan# 113
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion:101 Resp: 812222
Ion Ratio Lower Upper
101 100
103 67.9 54.3 81.5



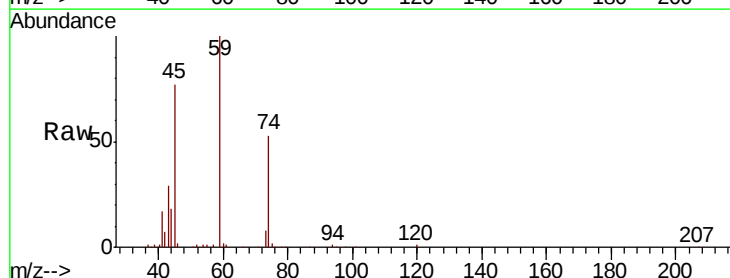
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



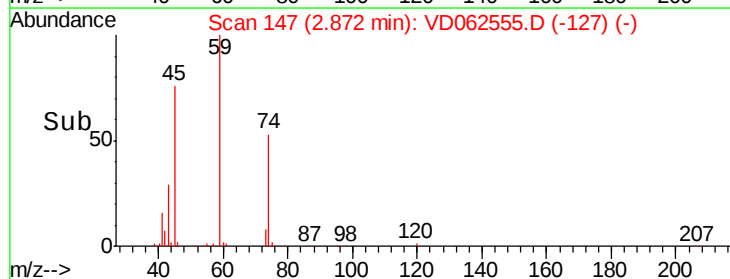
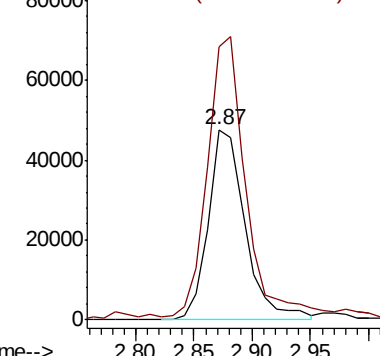
#8

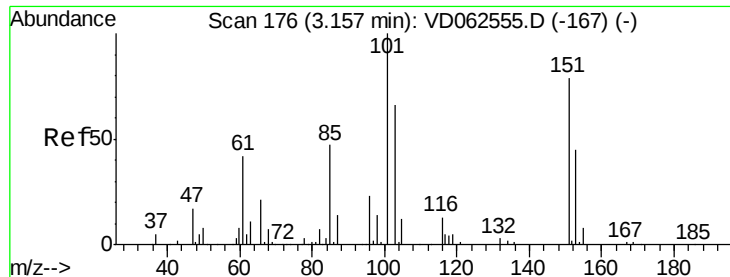
Diethyl Ether
Concen: 52.812 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 74 Resp: 104545
Ion Ratio Lower Upper
74 100
45 143.8 71.9 215.7



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: 51.767 ug/l

RT: 3.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

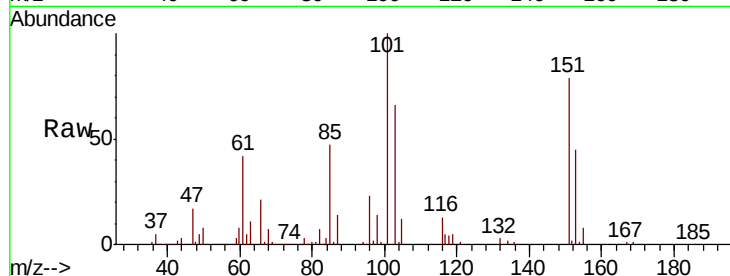
Tot Ion:101 Resp: 471804

Ion Ratio Lower Upper

101 100

85 47.0 37.6 56.4

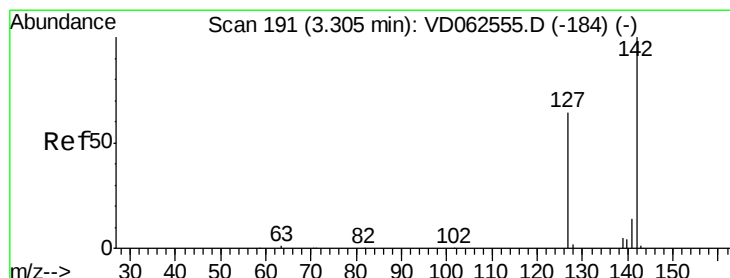
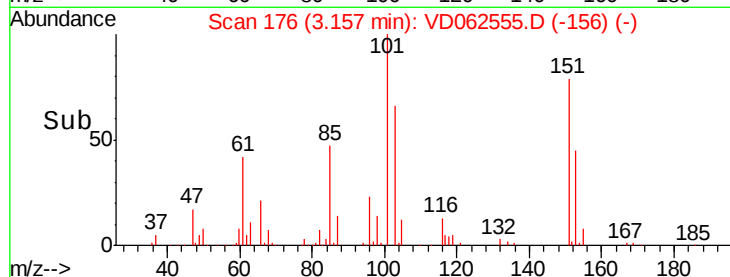
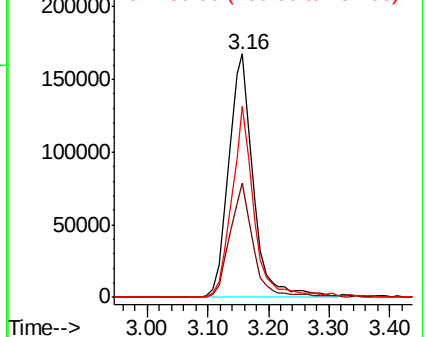
151 78.7 63.0 94.4



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: 66.080 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

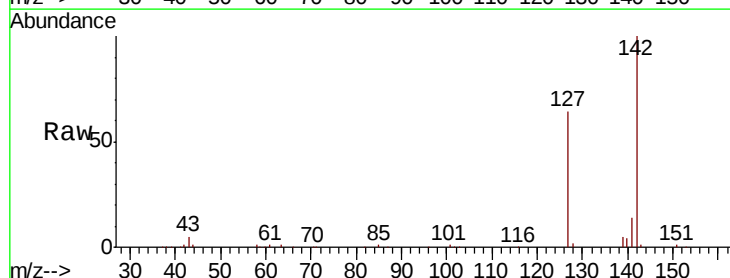
Tgt Ion:142 Resp: 657655

Ion Ratio Lower Upper

142 100

127 64.0 51.2 76.8

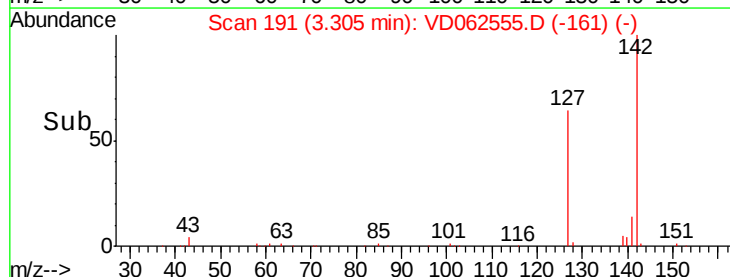
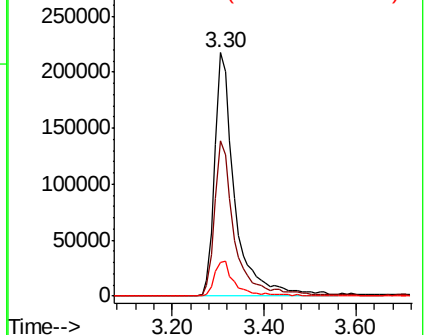
141 13.7 11.0 16.4

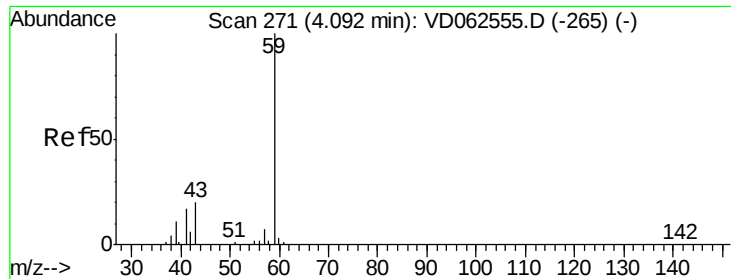


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

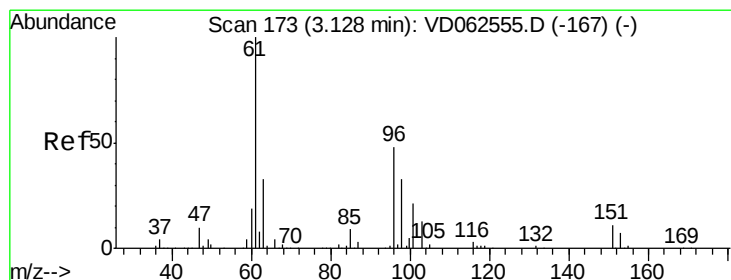
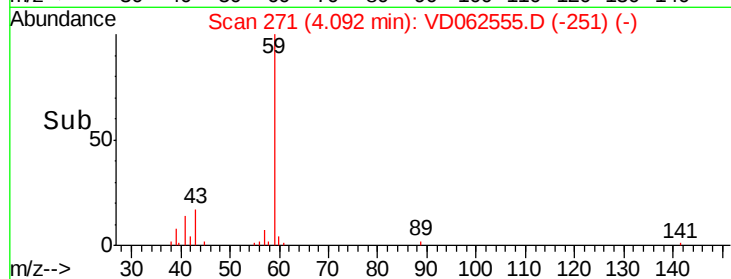
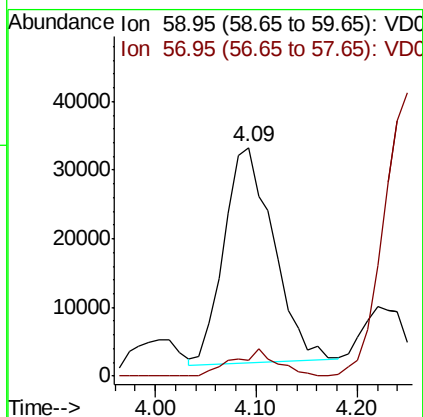
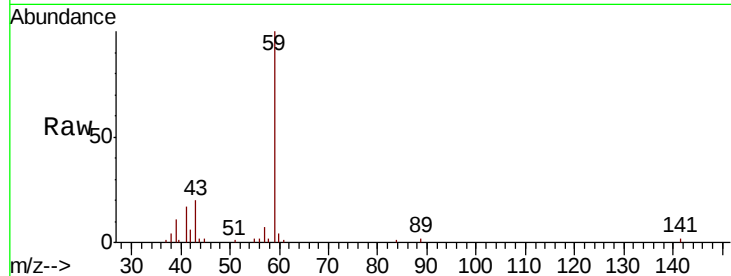
Ion 140.85 (140.55 to 141.55): V





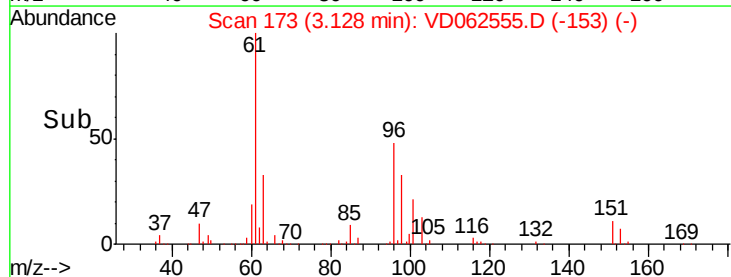
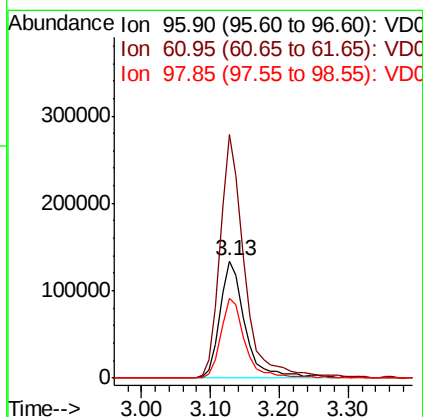
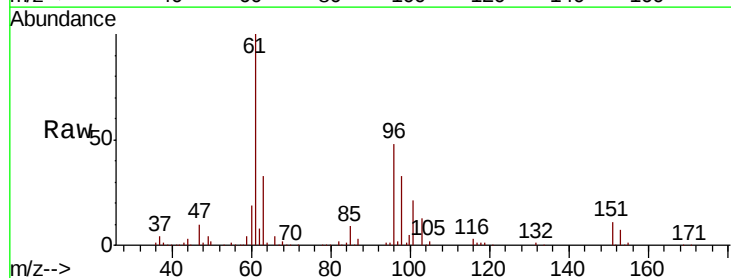
#11
Tert butyl alcohol
Concen: 245.001 ug/l
RT: 4.09 min Scan# 271
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

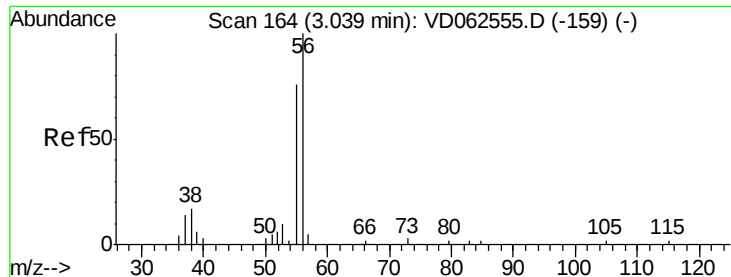
Tot Ion: 59 Resp: 106459
Ion Ratio Lower Upper
59 100
57 6.7 5.4 8.0



#12
1,1-Dichloroethene
Concen: 52.536 ug/l
RT: 3.13 min Scan# 173
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 96 Resp: 340301
Ion Ratio Lower Upper
96 100
61 208.3 166.6 250.0
98 68.0 54.4 81.6





#13

Acrolein

Concen: 244.845 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD062555.D

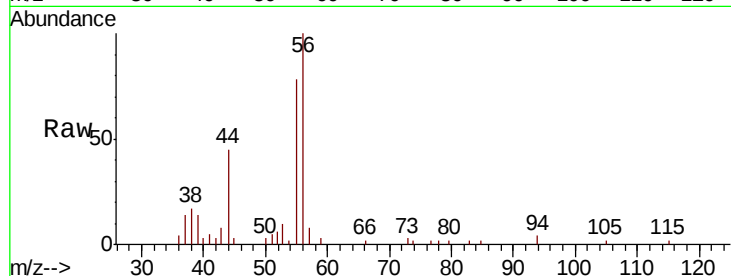
Acq: 30 May 2019 15:54

Tot Ion: 56 Resp: 46051

Ion Ratio Lower Upper

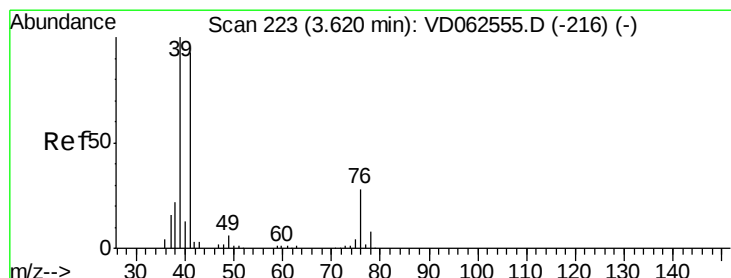
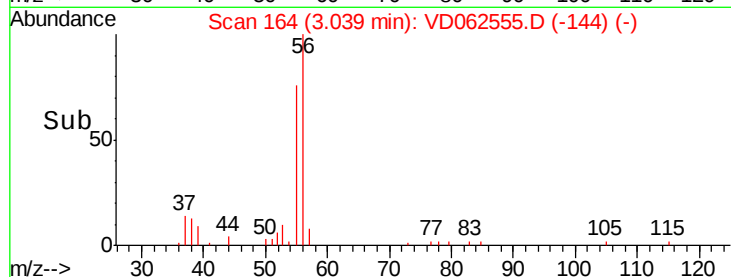
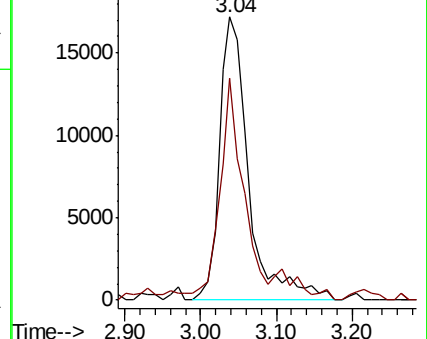
56 100

55 78.2 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 54.588 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

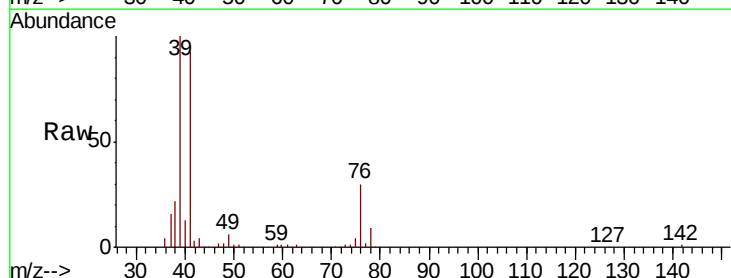
Tgt Ion: 41 Resp: 553575

Ion Ratio Lower Upper

41 100

39 107.9 86.3 129.5

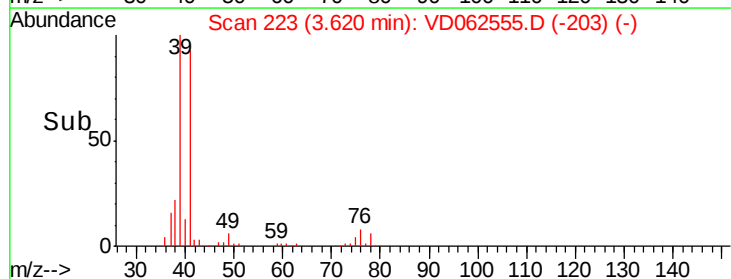
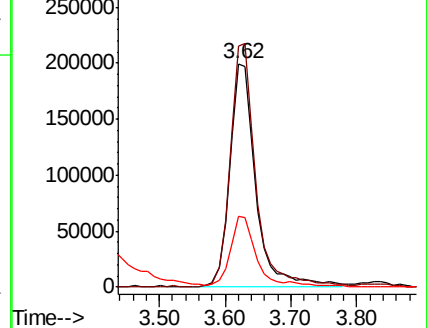
76 31.9 25.5 38.3

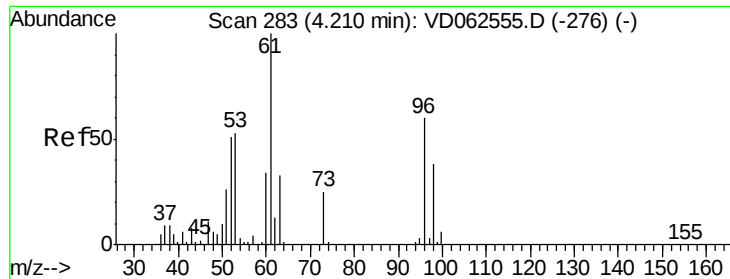


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

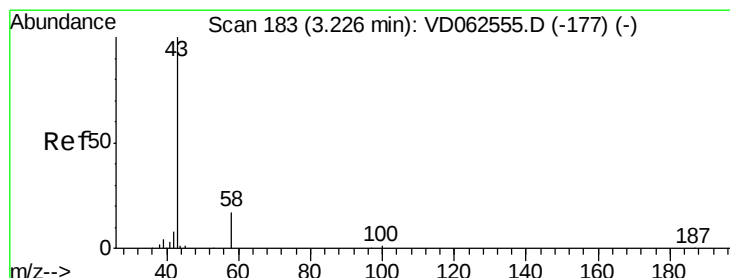
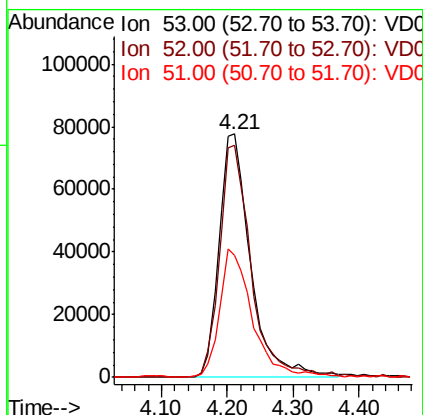
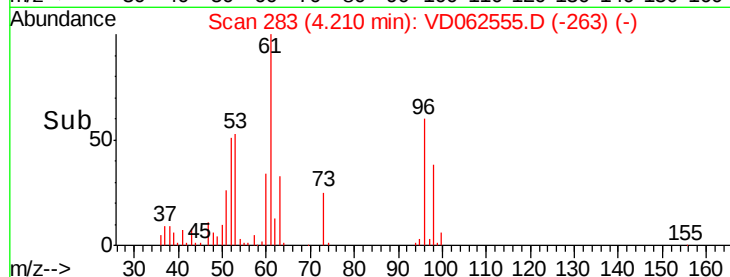
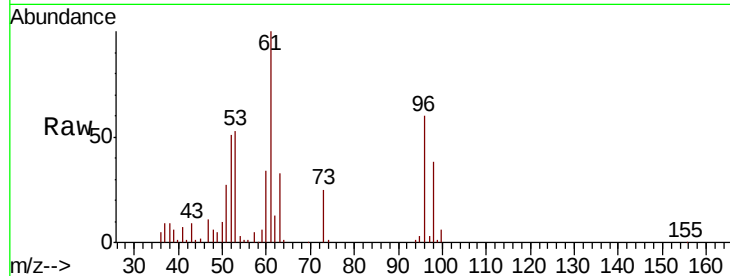
Ion 75.95 (75.65 to 76.65): VDC





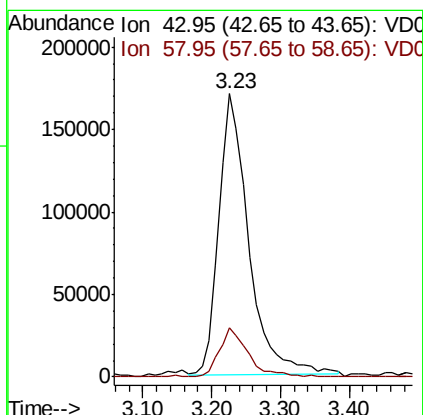
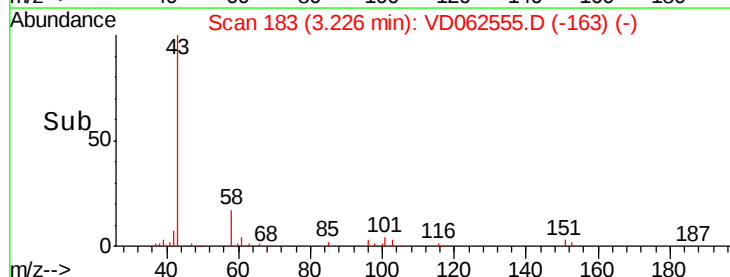
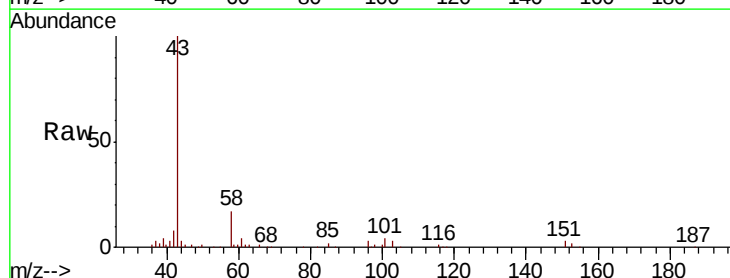
#15
 Acrylonitrile
 Concen: 265.630 ug/l
 RT: 4.21 min Scan# 283
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

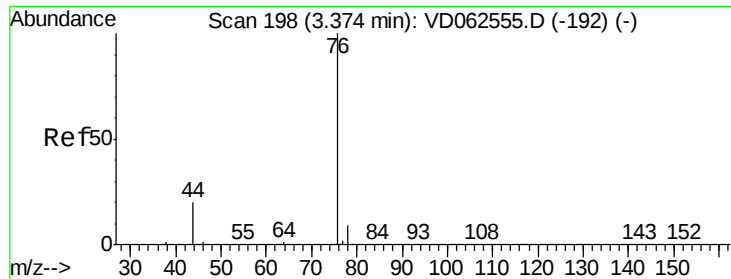
Tot Ion: 53 Resp: 259989
 Ion Ratio Lower Upper
 53 100
 52 95.2 76.2 114.2
 51 50.3 40.2 60.4



#16
 Acetone
 Concen: 261.740 ug/l
 RT: 3.23 min Scan# 183
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

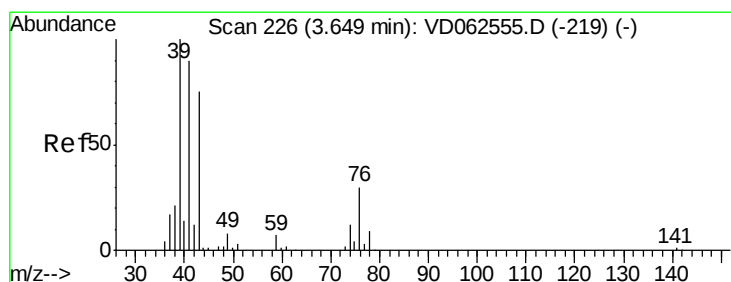
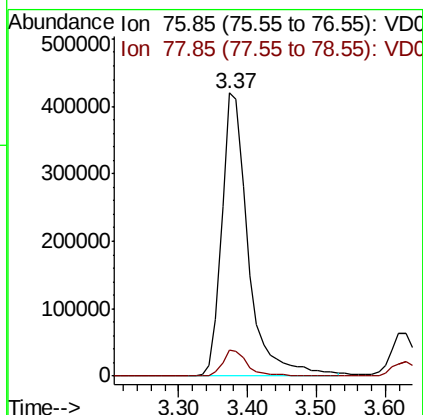
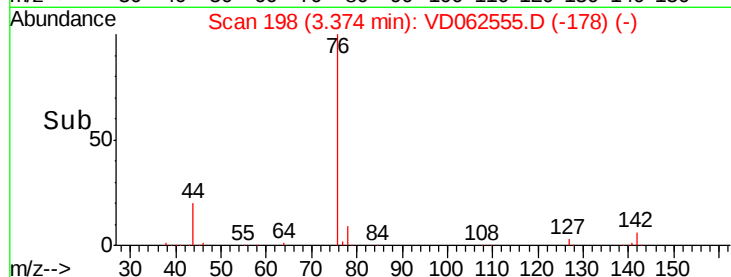
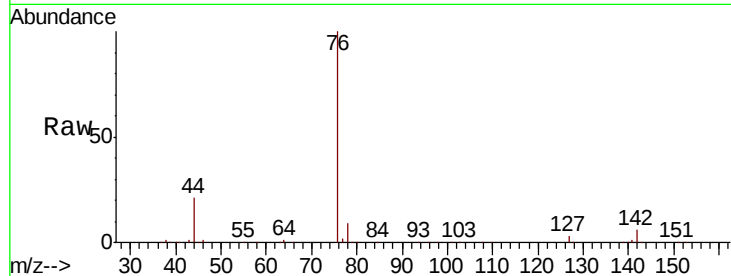
Tgt Ion: 43 Resp: 510240
 Ion Ratio Lower Upper
 43 100
 58 17.3 13.8 20.8





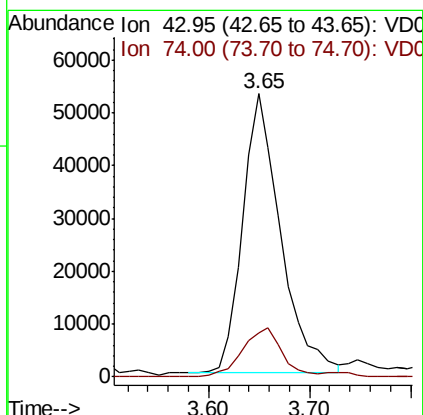
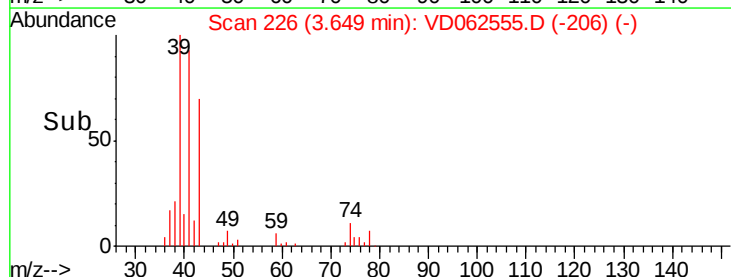
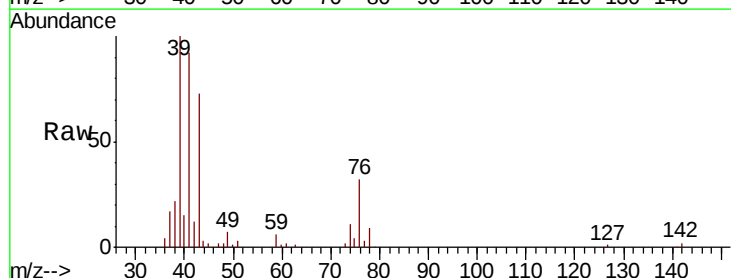
#17
Carbon Disulfide
Concen: 54.299 ug/l
RT: 3.37 min Scan# 198
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

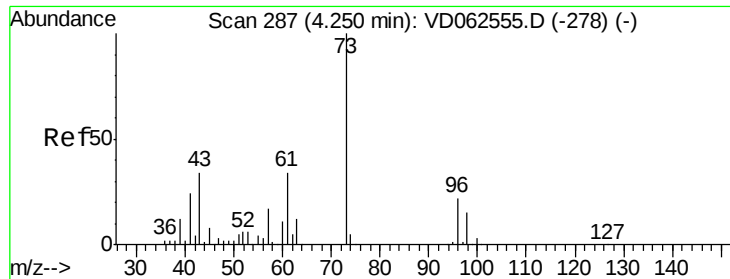
Tot Ion: 76 Resp: 1117665
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 43.787 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 43 Resp: 138851
Ion Ratio Lower Upper
43 100
74 15.6 12.5 18.7

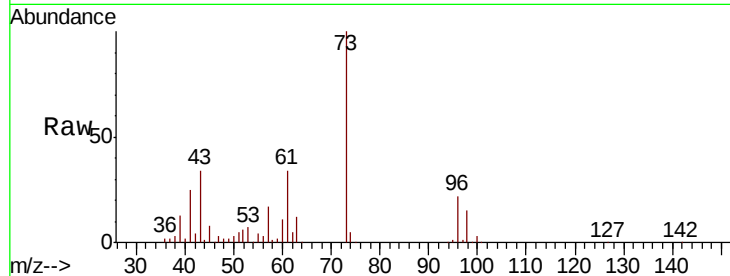




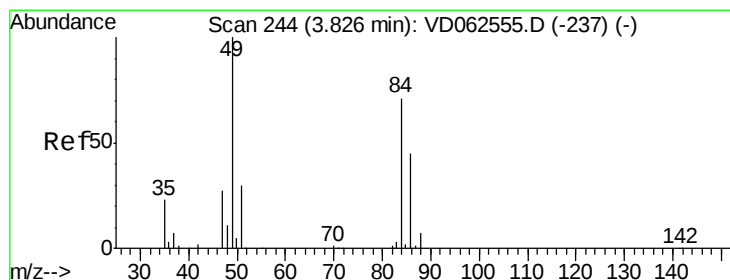
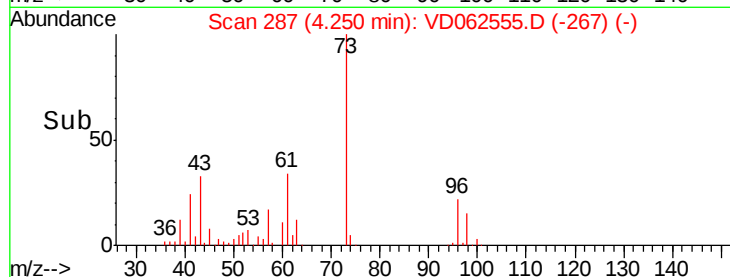
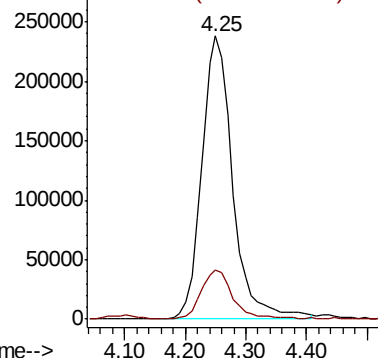
#19

Methyl tert-butyl Ether
 Concen: 53.434 ug/l
 RT: 4.25 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion: 73 Resp: 843060
 Ion Ratio Lower Upper
 73 100
 57 17.3 13.8 20.8



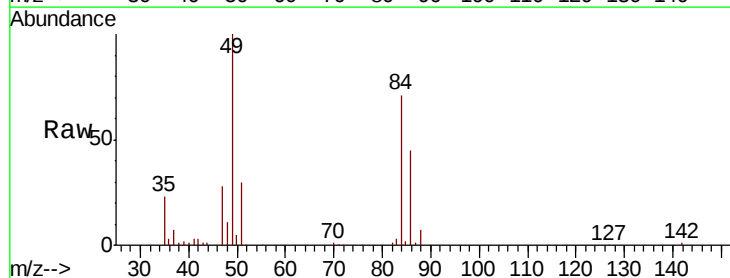
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



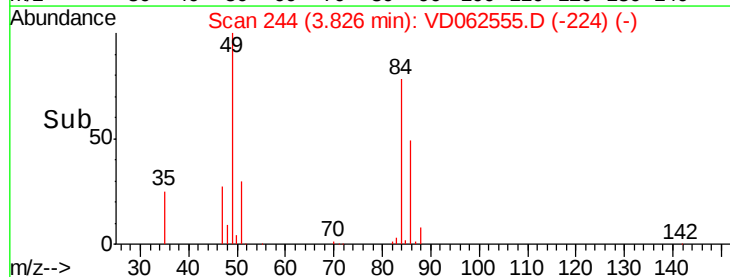
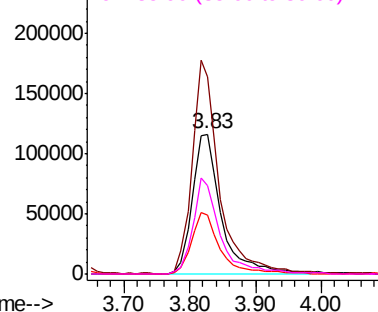
#20

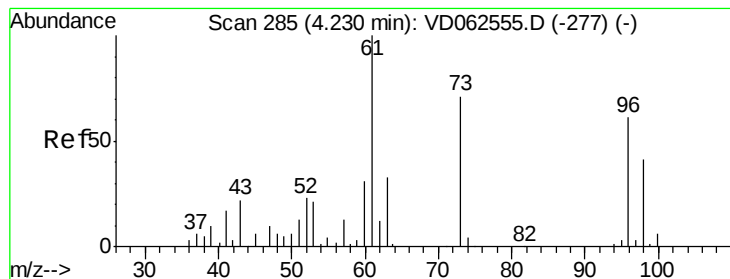
Methylene Chloride
 Concen: 52.300 ug/l
 RT: 3.83 min Scan# 244
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion: 84 Resp: 357323
 Ion Ratio Lower Upper
 84 100
 49 140.4 112.3 168.5
 51 42.0 33.6 50.4
 86 63.0 50.4 75.6



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





#21

trans-1,2-Dichloroethene

Concen: 51.639 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

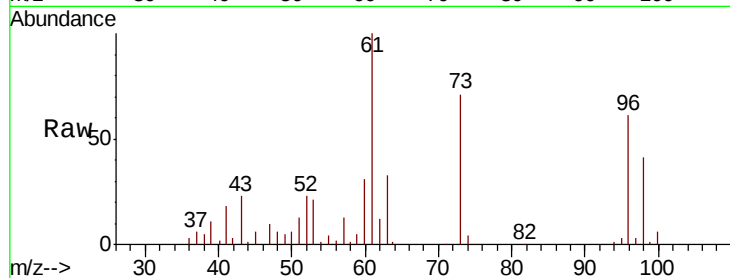
Tot Ion: 96 Resp: 379224

Ion Ratio Lower Upper

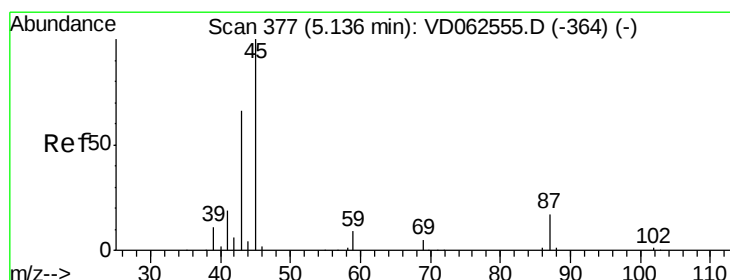
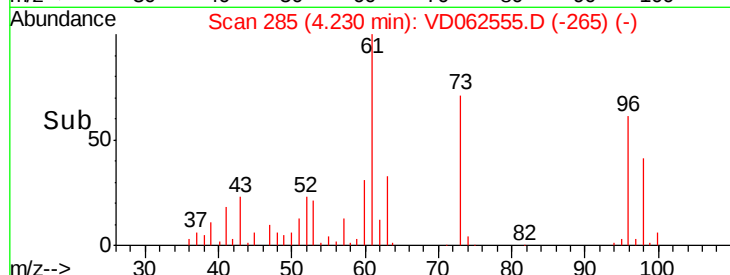
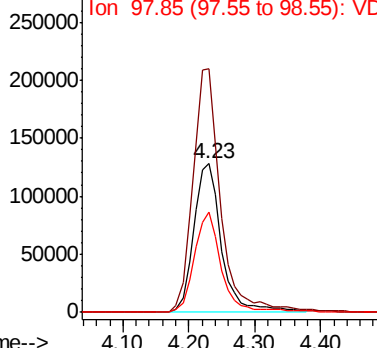
96 100

61 163.9 131.1 196.7

98 67.8 54.2 81.4



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



#22

Diisopropyl ether

Concen: 54.637 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tgt Ion: 45 Resp: 1115384

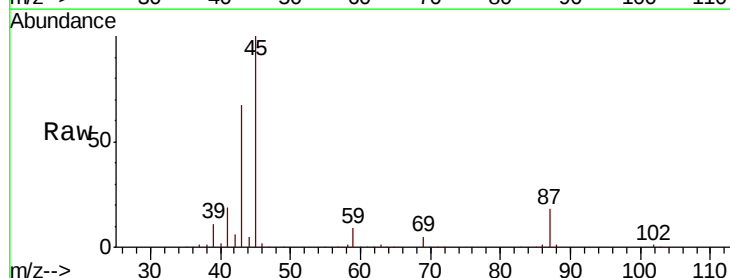
Ion Ratio Lower Upper

45 100

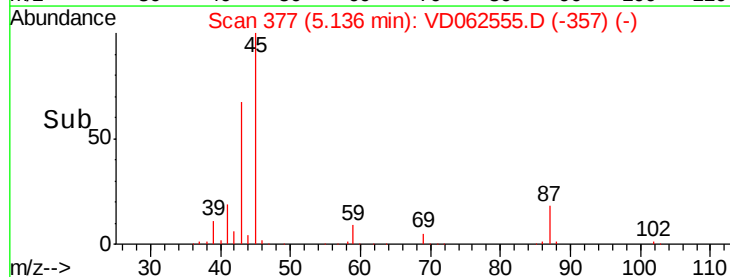
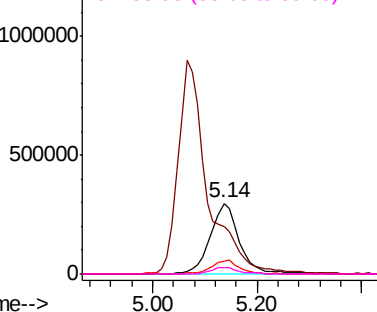
43 67.0 53.6 80.4

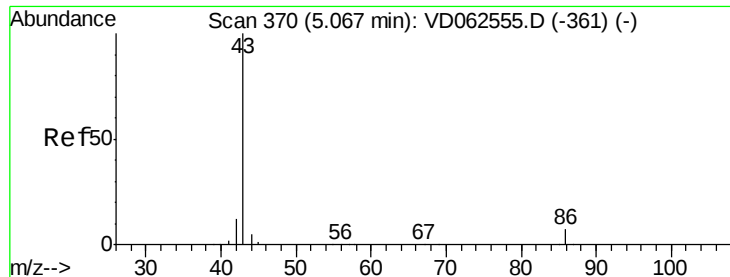
87 17.8 14.2 21.4

59 9.1 7.3 10.9



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 279.199 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD062555.D

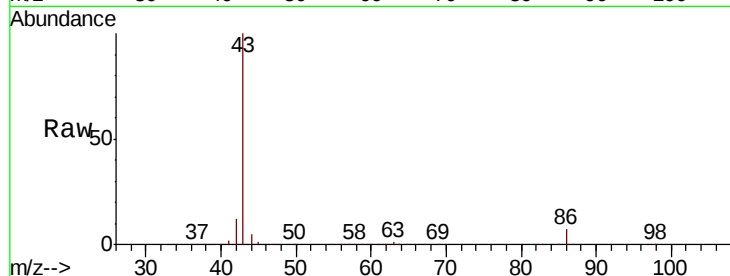
Acq: 30 May 2019 15:54

Tot Ion: 43 Resp: 3468774

Ion Ratio Lower Upper

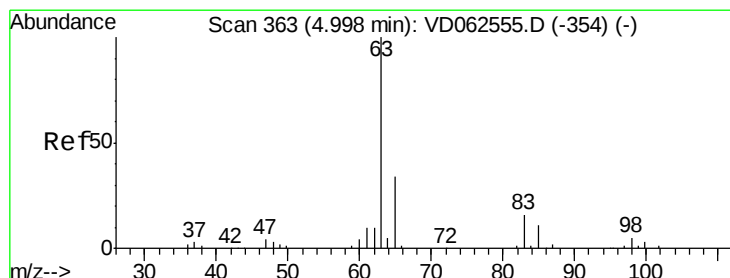
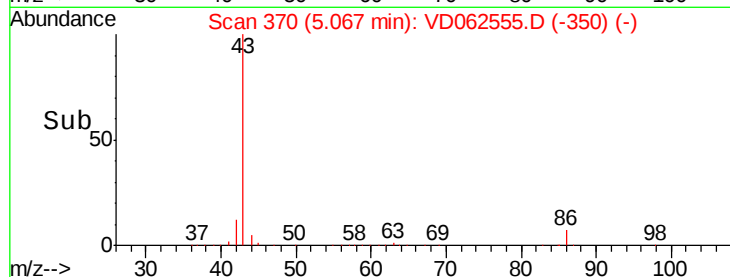
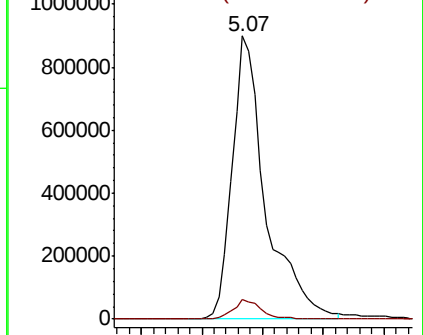
43 100

86 6.9 5.5 8.3



Abundance Ion 42.95 (42.65 to 43.65): VD0

Ion 86.00 (85.70 to 86.70): VD0



#24

1,1-Dichloroethane

Concen: 53.896 ug/l

RT: 5.00 min Scan# 363

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

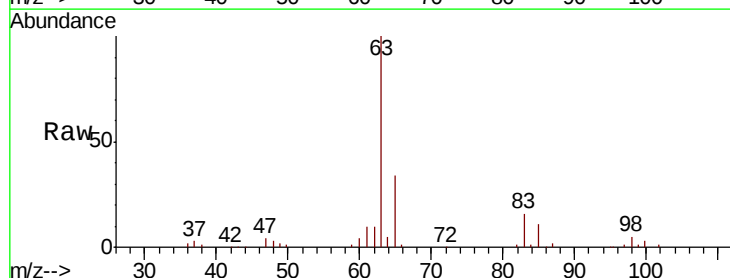
Tgt Ion: 63 Resp: 718792

Ion Ratio Lower Upper

63 100

98 5.0 2.5 7.5

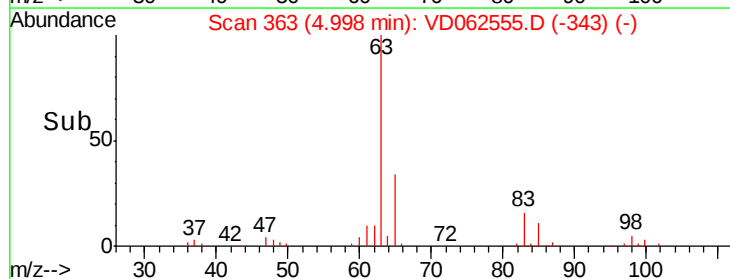
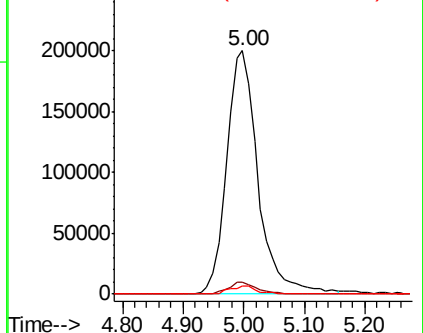
100 3.1 1.6 4.7

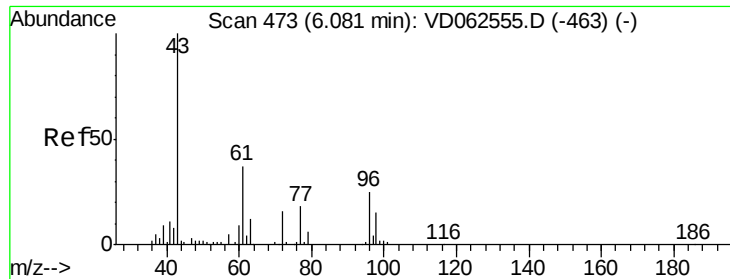


Abundance Ion 62.95 (62.65 to 63.65): VD0

Ion 97.95 (97.65 to 98.65): VD0

Ion 99.95 (99.65 to 100.65): VD0





#25

2-Butanone

Concen: 279.342 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD062555.D

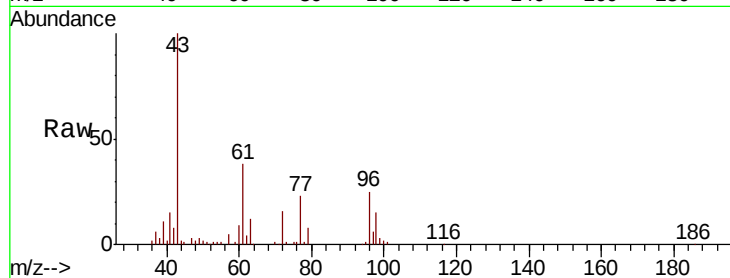
Acq: 30 May 2019 15:54

Tot Ion: 43 Resp: 500441

Ion Ratio Lower Upper

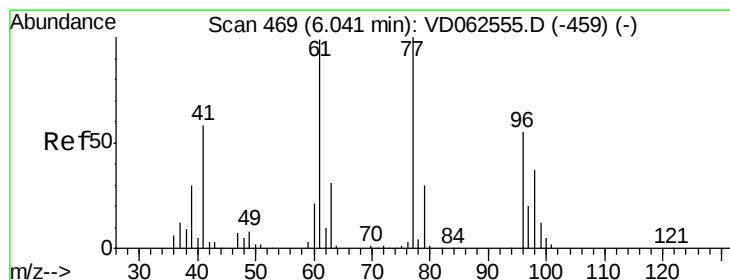
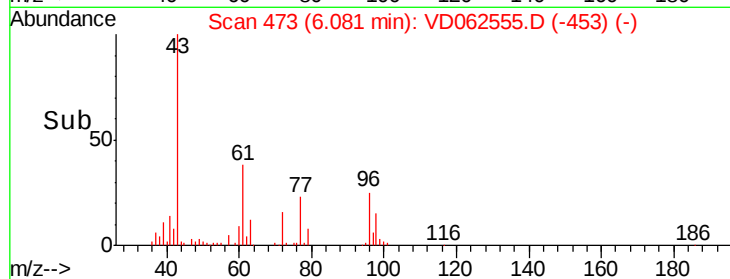
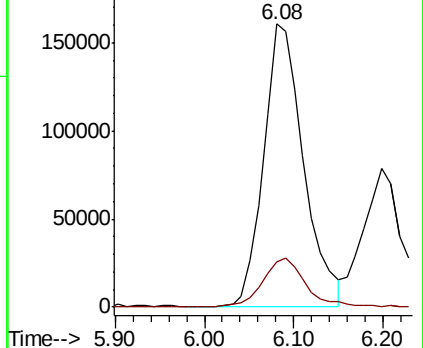
43 100

72 15.9 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 53.886 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD062555.D

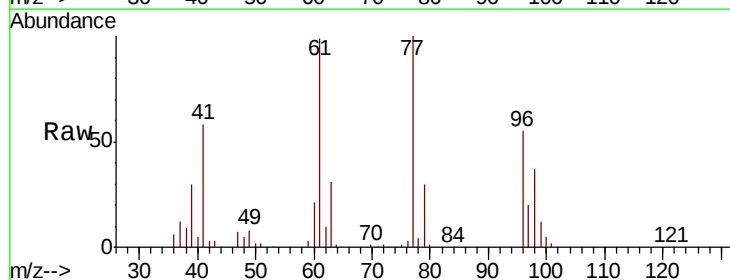
Acq: 30 May 2019 15:54

Tgt Ion: 77 Resp: 780287

Ion Ratio Lower Upper

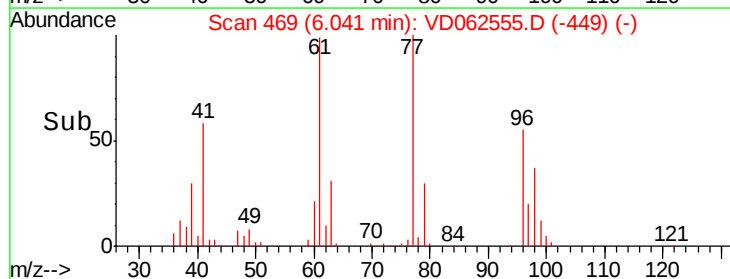
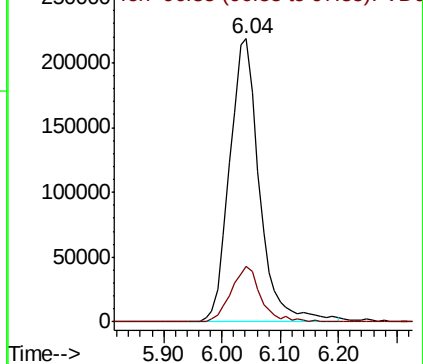
77 100

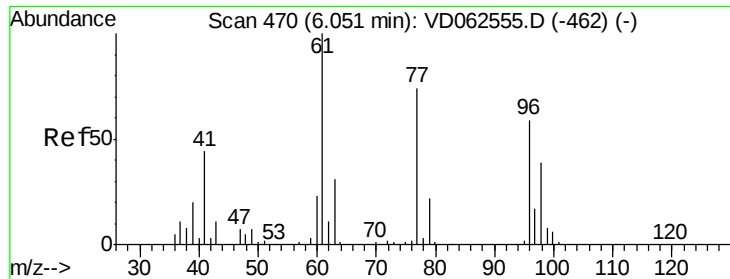
97 19.5 9.8 29.3



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: 54.172 ug/l

RT: 6.05 min Scan# 470

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

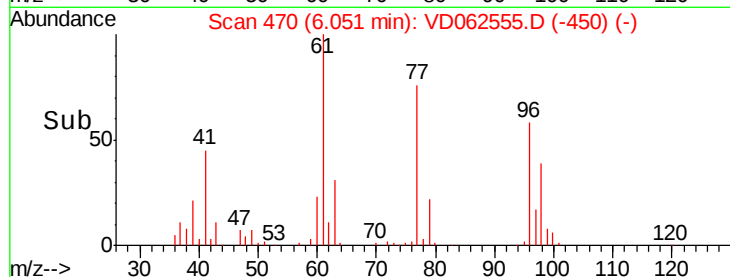
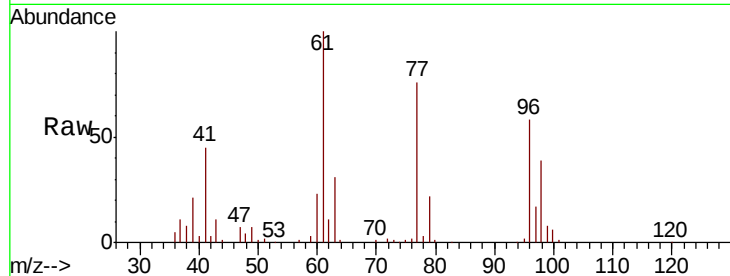
Tot Ion: 96 Resp: 409791

Ion Ratio Lower Upper

96 100

61 171.2 0.0 342.4

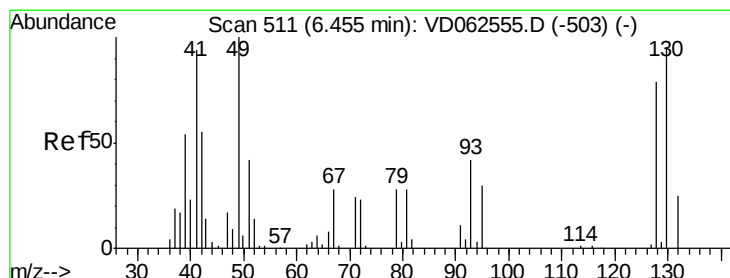
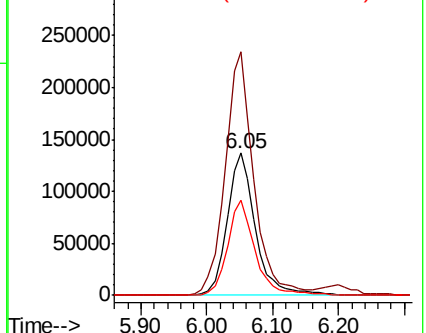
98 67.3 0.0 134.6



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: 51.999 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

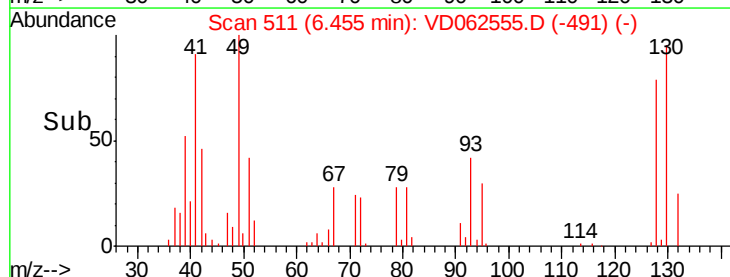
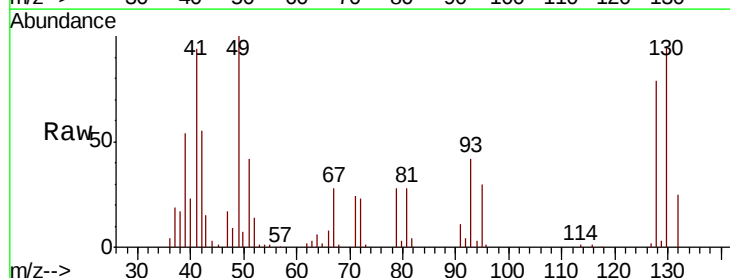
Tgt Ion: 49 Resp: 230003

Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.6

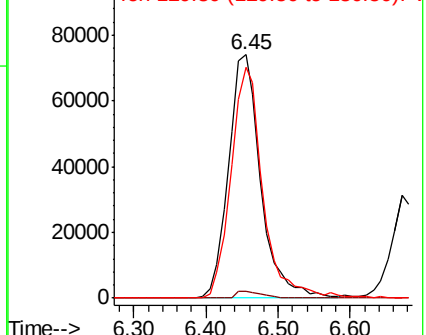
130 94.8 75.8 113.8

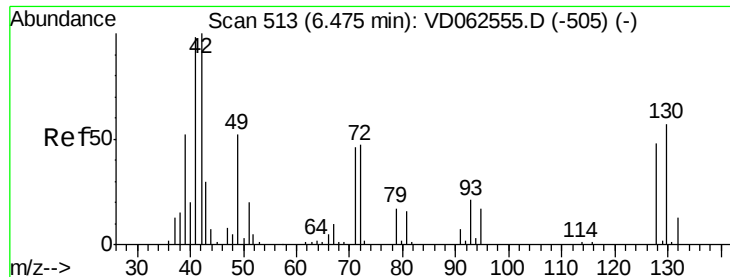


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 278.662 ug/l

RT: 6.47 min Scan# 513

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

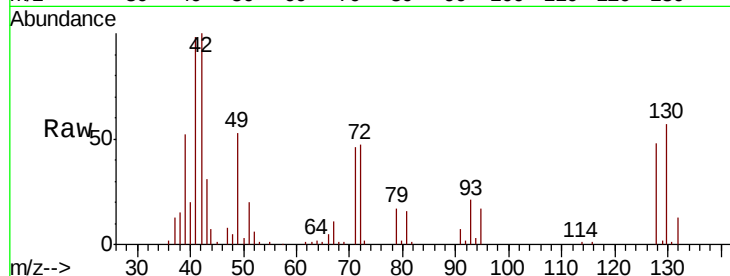
Tot Ion: 42 Resp: 229518

Ion Ratio Lower Upper

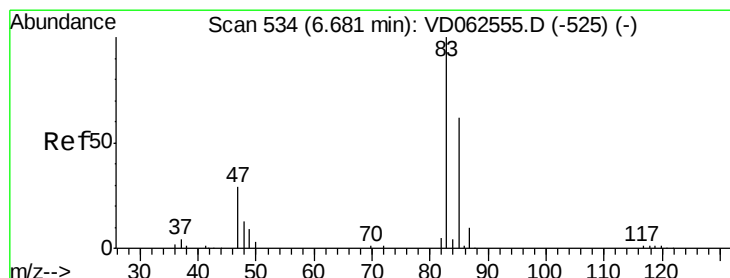
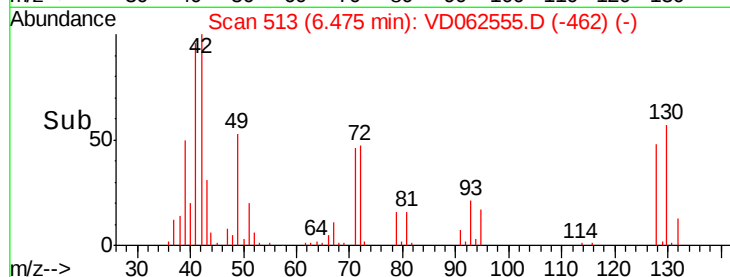
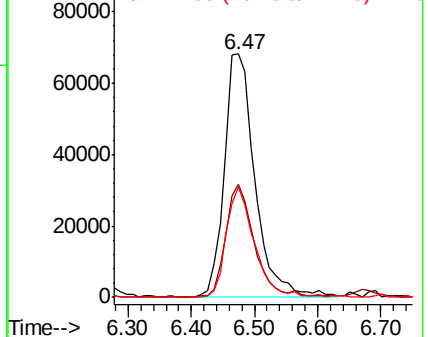
42 100

72 43.1 34.5 51.7

71 41.3 33.0 49.6



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: 54.992 ug/l

RT: 6.68 min Scan# 534

Delta R.T. 0.00 min

Lab File: VD062555.D

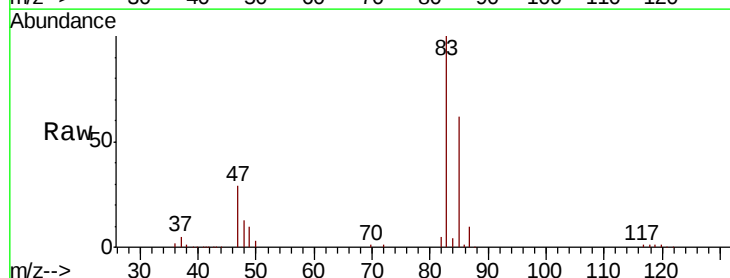
Acq: 30 May 2019 15:54

Tgt Ion: 83 Resp: 882494

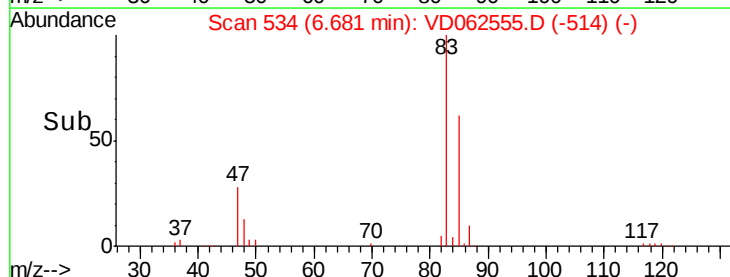
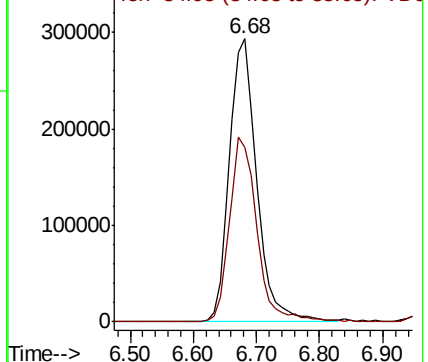
Ion Ratio Lower Upper

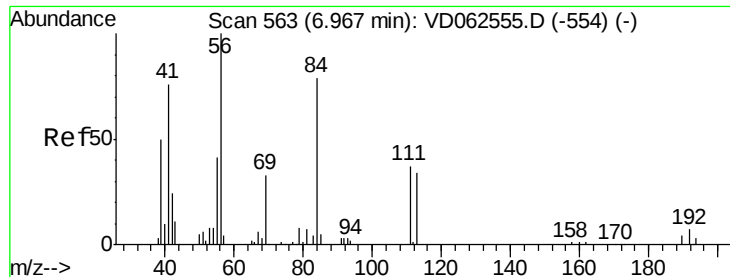
83 100

85 61.7 49.4 74.0



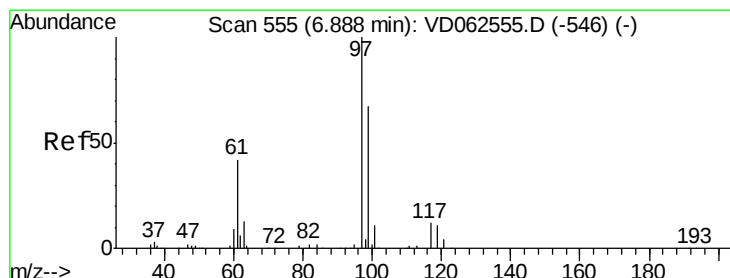
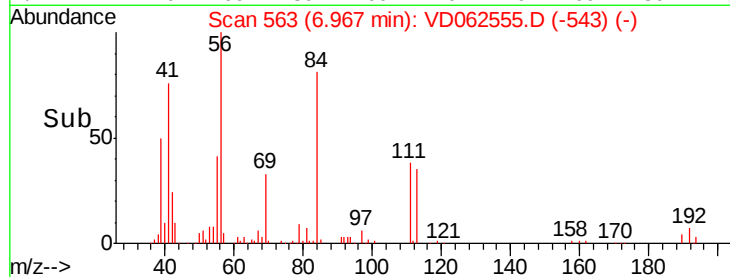
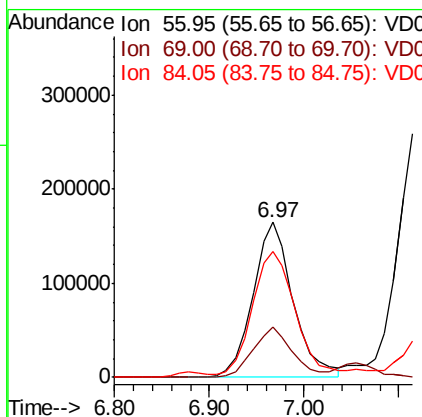
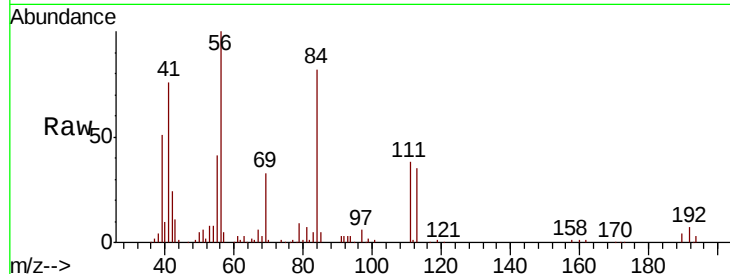
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





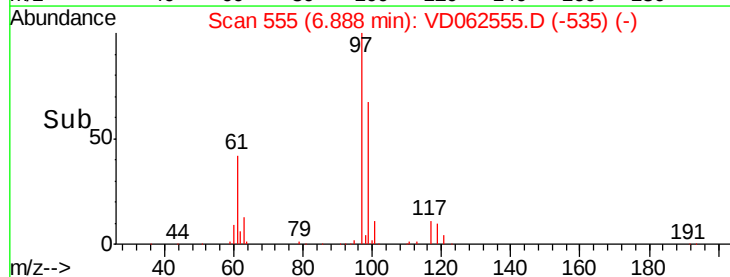
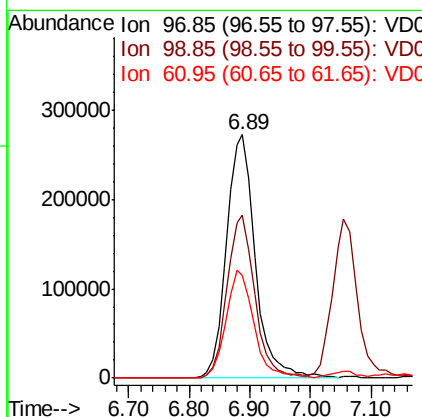
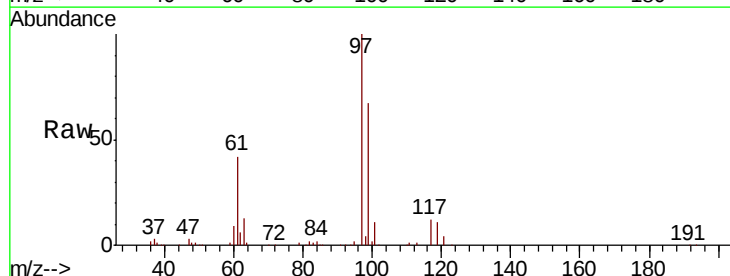
#31
Cvclohexane
Concen: 54.948 ug/l
RT: 6.97 min Scan# 563
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

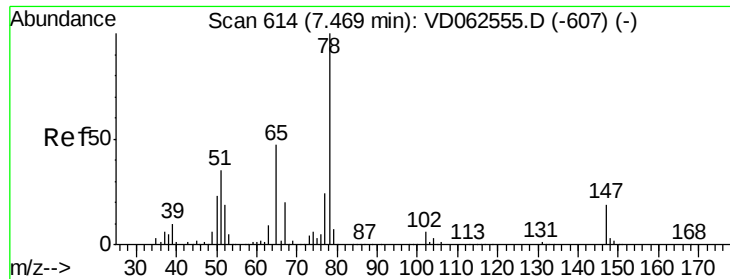
Tot Ion	56	Resp	485492
Ion Ratio	100	Lower	Upper
69	32.7	26.2	39.2
84	81.5	65.2	97.8



#32
1,1,1-Trichloroethane
Concen: 54.679 ug/l
RT: 6.89 min Scan# 555
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

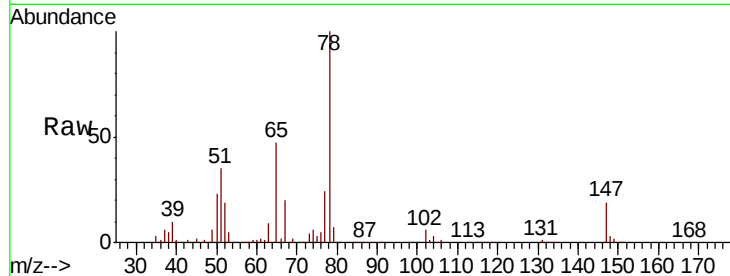
Tgt Ion	97	Resp	896067
Ion Ratio	100	Lower	Upper
99	67.0	53.6	80.4
61	42.4	33.9	50.9



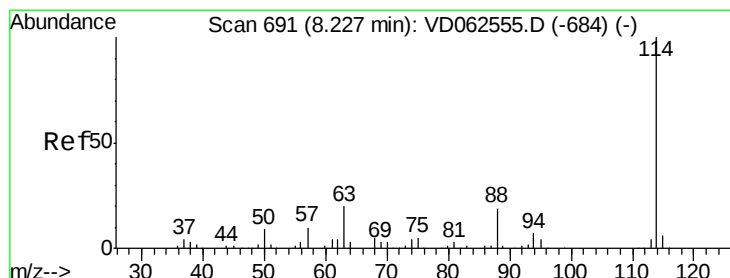
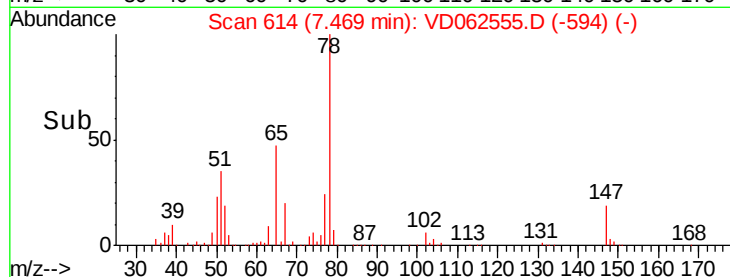
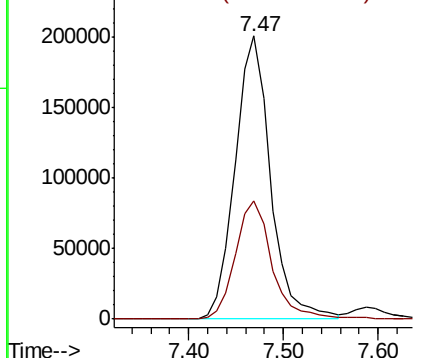


#33
 1,2-Dichloroethane-d4
 Concen: 55.074 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion: 65 Resp: 520556
 Ion Ratio Lower Upper
 65 100
 67 41.8 0.0 83.6

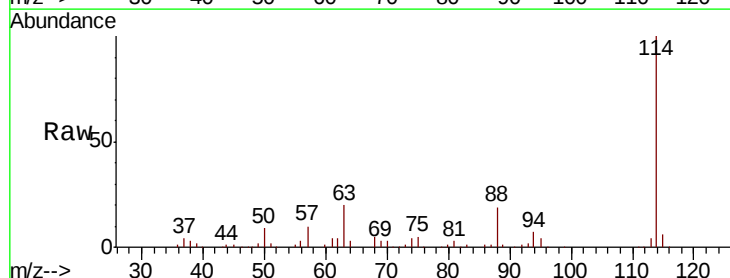


Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC

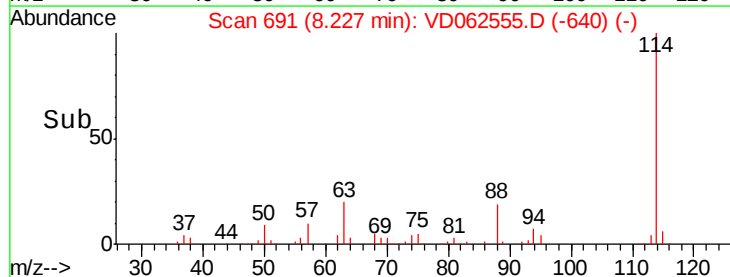
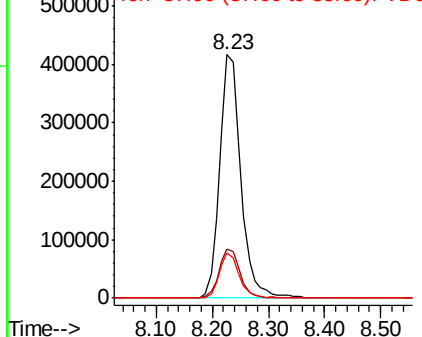


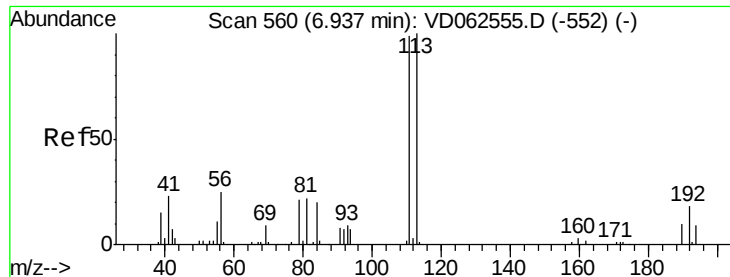
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion: 114 Resp: 1100908
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.6
 88 18.8 0.0 37.6



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: 55.760 ug/l

RT: 6.94 min Scan# 560

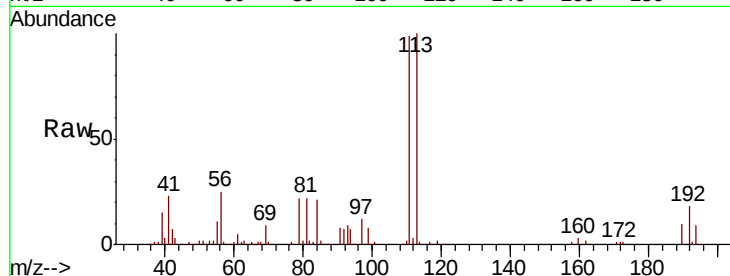
Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tot Ion:113 Resp: 567285

Ion	Ratio	Lower	Upper
113	100		
111	98.5	78.8	118.2
192	18.3	14.6	22.0

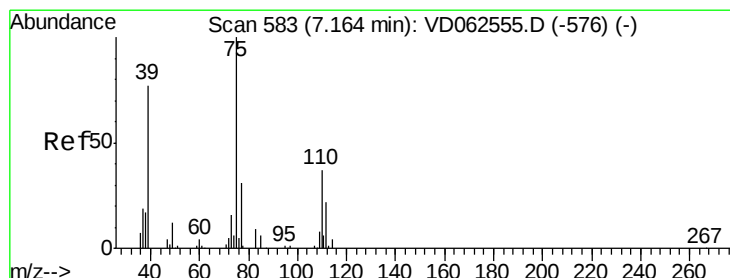
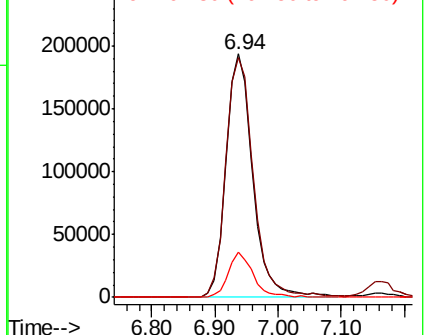
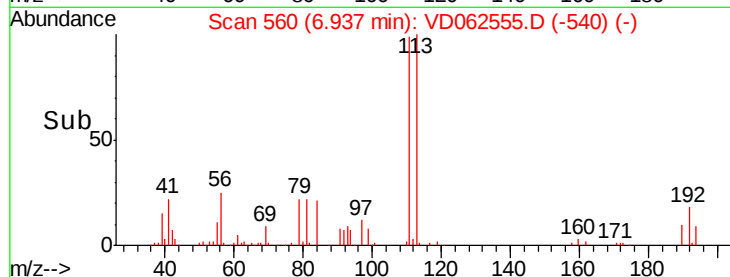


Abundance

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: 52.989 ug/l

RT: 7.16 min Scan# 583

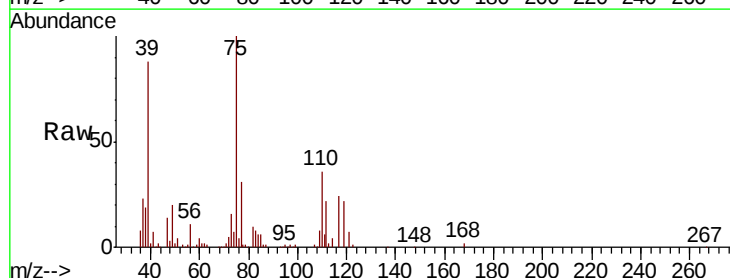
Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tgt Ion: 75 Resp: 591631

Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.8
77	30.5	24.4	36.6

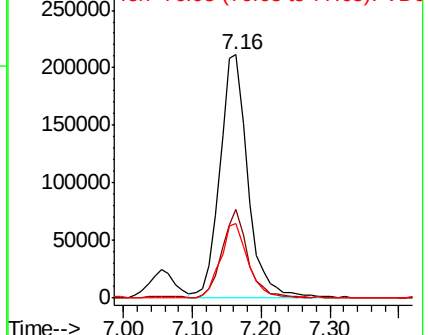
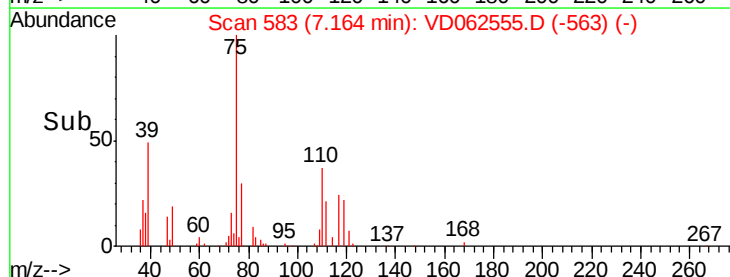


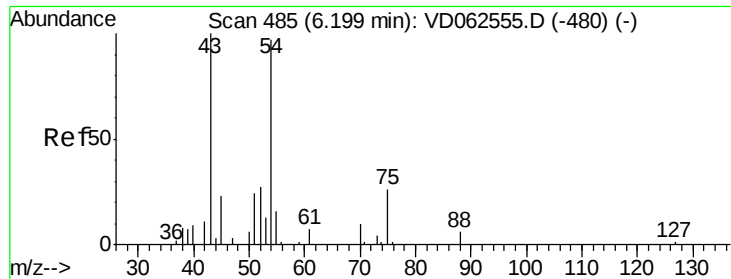
Abundance

Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

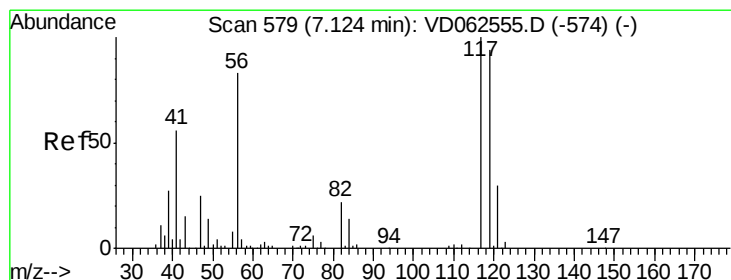
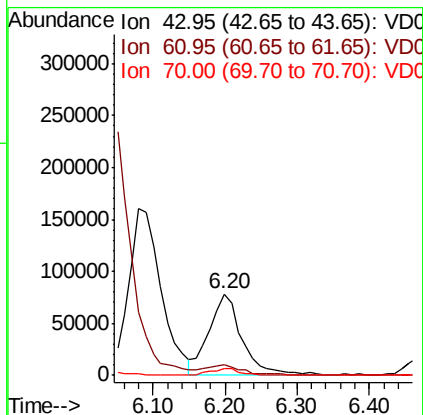
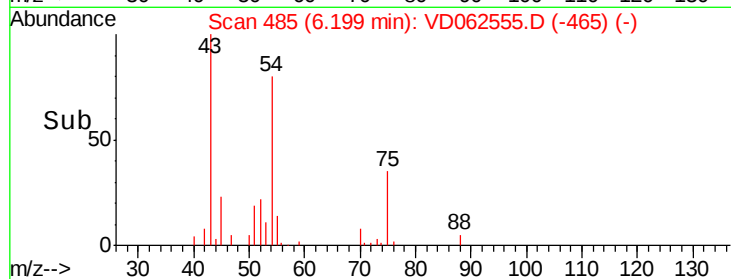
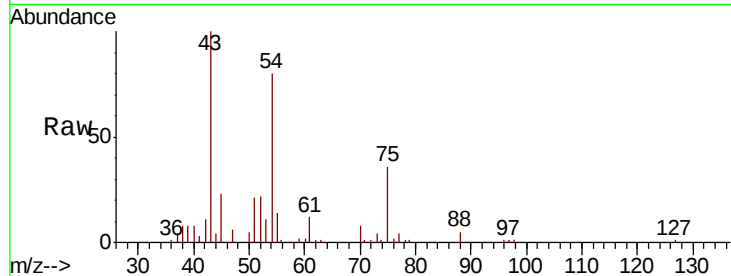
Ion 76.95 (76.65 to 77.65): V





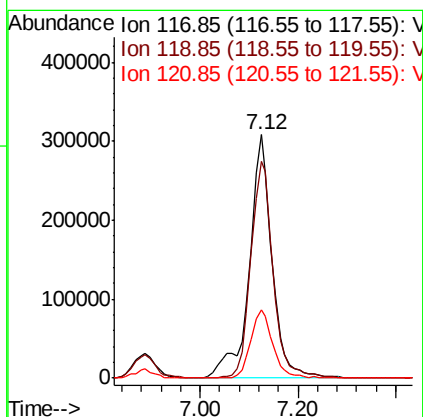
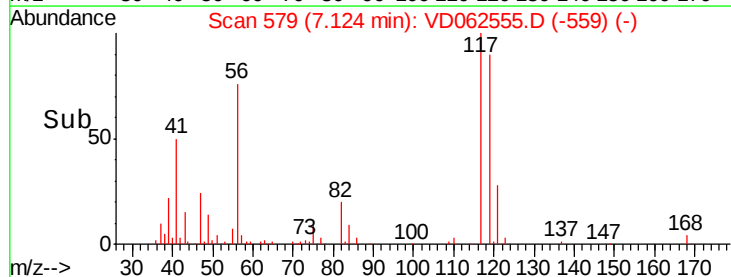
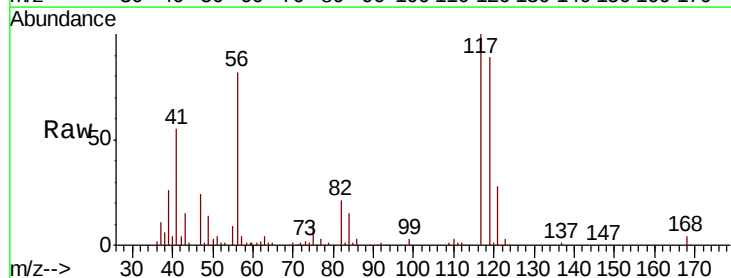
#37
Ethyl Acetate
Concen: 48.217 ug/l
RT: 6.20 min Scan# 485
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

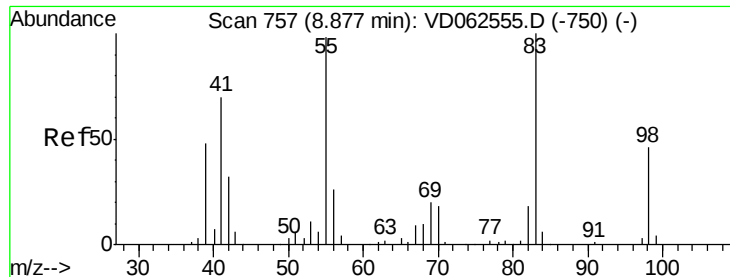
Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.8	14.8
70	8.1	6.5	9.7



#38
Carbon Tetrachloride
Concen: 58.828 ug/l
RT: 7.12 min Scan# 579
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

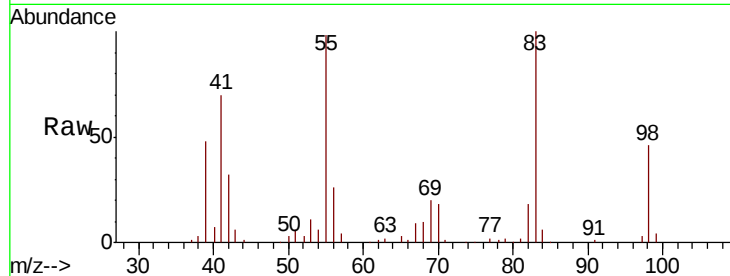
Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.3	71.4	107.2
121	28.1	22.5	33.7



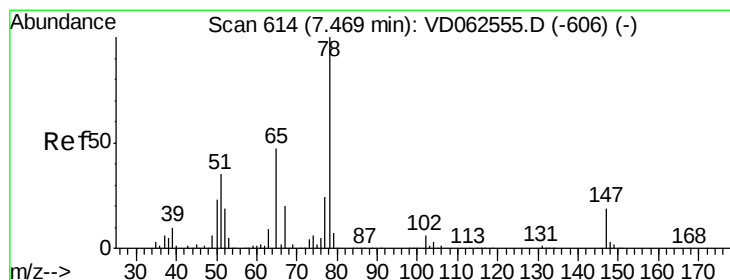
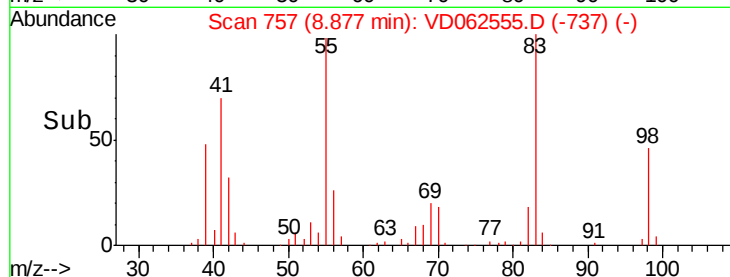
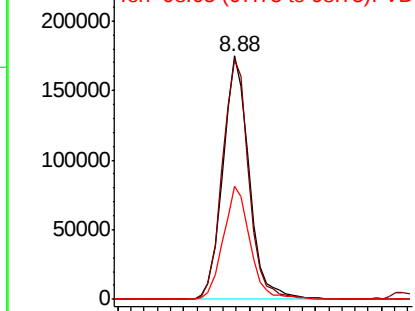


#39
Methvlcvclohexane
Concen: 52.173 ug/l
RT: 8.88 min Scan# 757
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion: 83 Resp: 488005
Ion Ratio Lower Upper
83 100
55 98.4 78.7 118.1
98 46.5 37.2 55.8

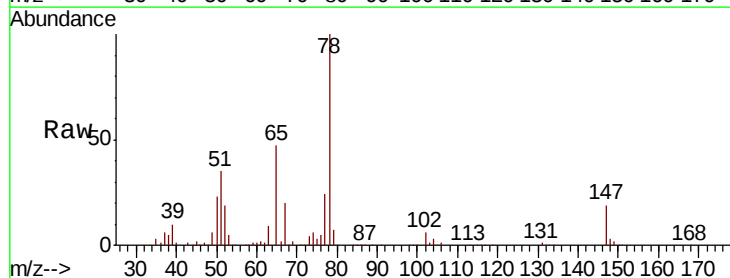


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

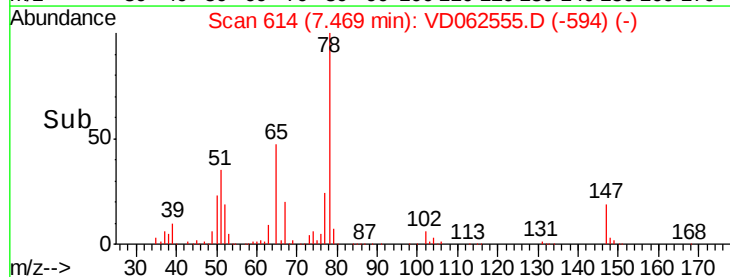
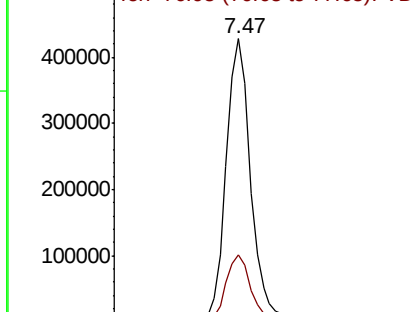


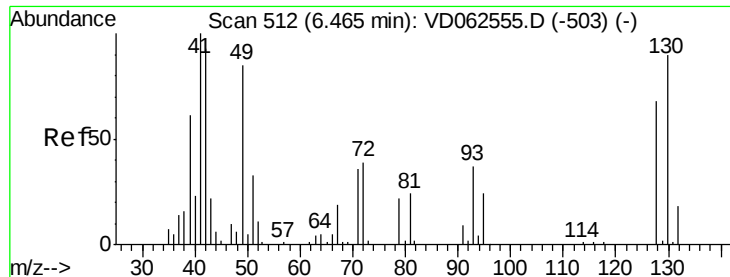
#40
Benzene
Concen: 53.466 ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 78 Resp: 1172636
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7



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





#41

Methacrylonitrile

Concen: 53.172 ug/l

RT: 6.46 min Scan# 512

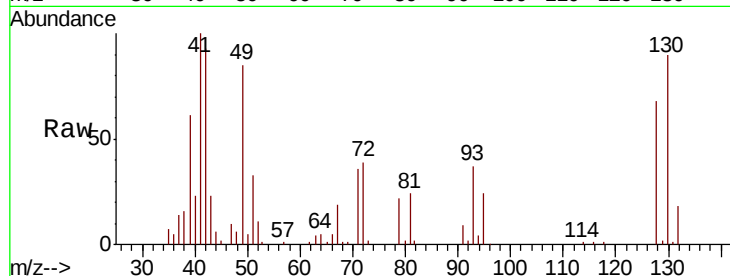
Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tot Ion: 41 Resp: 297158

Ion	Ratio	Lower	Upper
41	100		
39	61.3	49.0	73.6
67	19.4	15.5	23.3
52	11.1	8.9	13.3

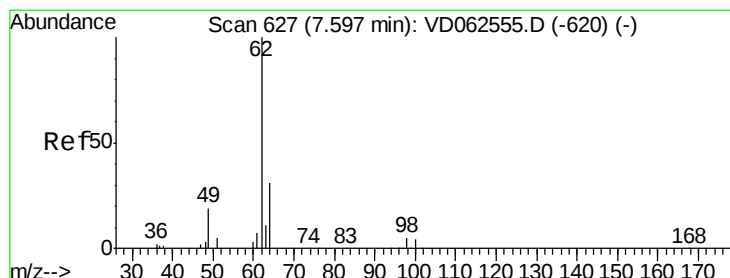
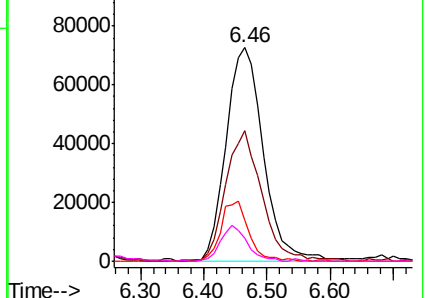
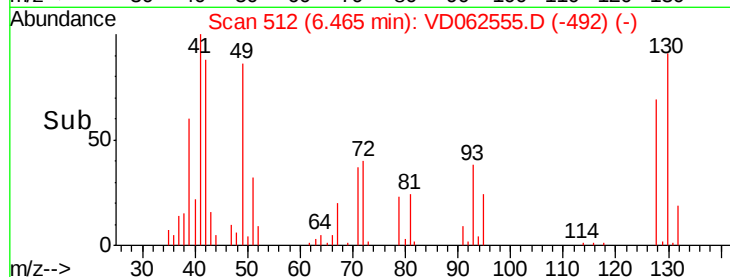


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 56.013 ug/l

RT: 7.60 min Scan# 627

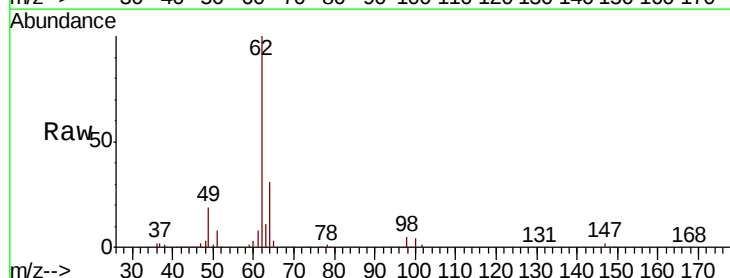
Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

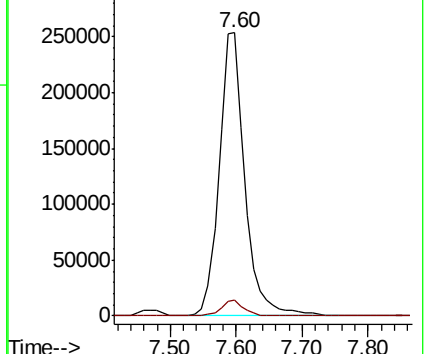
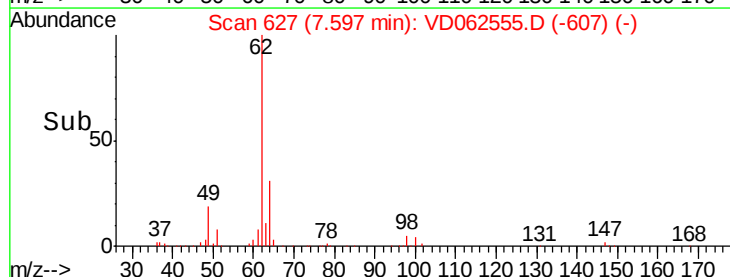
Tgt Ion: 62 Resp: 685859

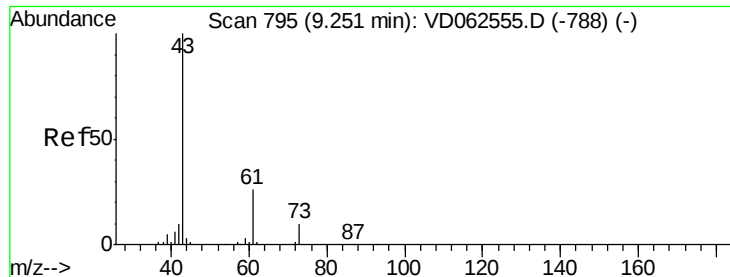
Ion	Ratio	Lower	Upper
62	100		
98	5.5	0.0	11.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 56.476 ug/l

RT: 9.25 min Scan# 795

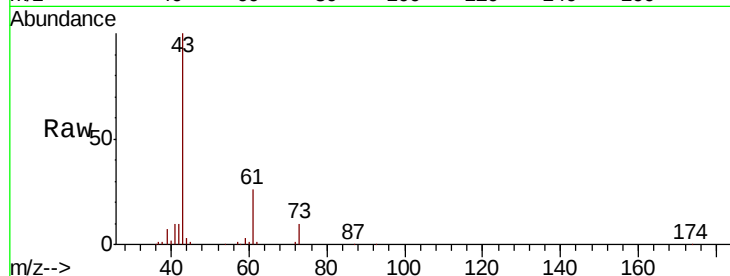
Delta R.T. 0.00 min

Lab File: VD062555.D

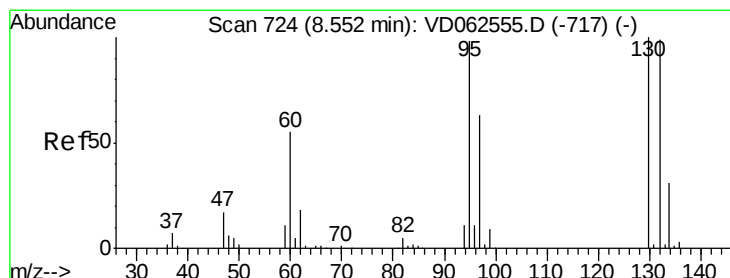
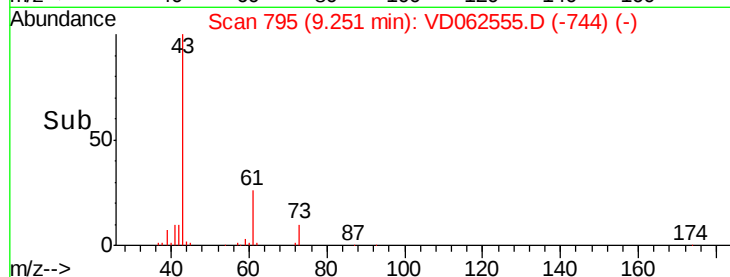
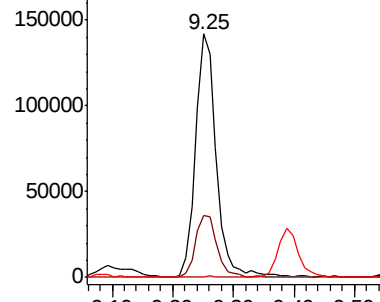
Acq: 30 May 2019 15:54

Tot Ion: 43 Resp: 333862

Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.5	30.7
87	0.2	0.2	0.2#



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: 52.595 ug/l

RT: 8.55 min Scan# 724

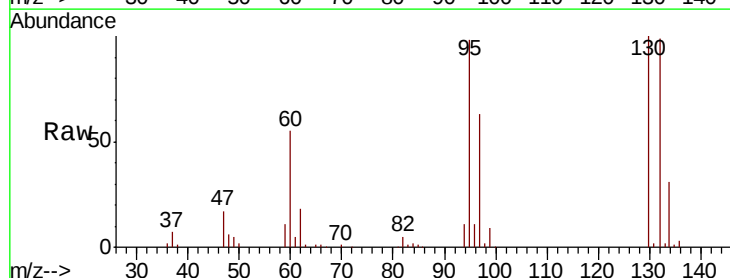
Delta R.T. 0.00 min

Lab File: VD062555.D

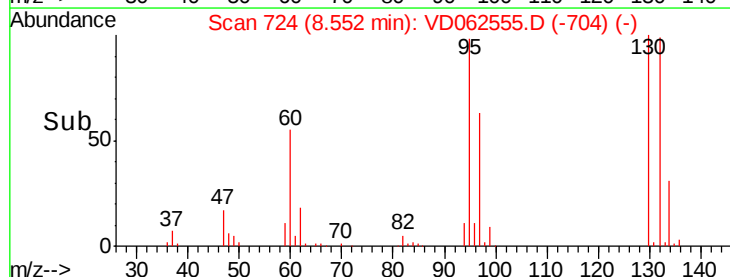
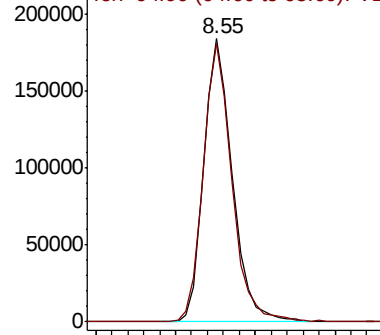
Acq: 30 May 2019 15:54

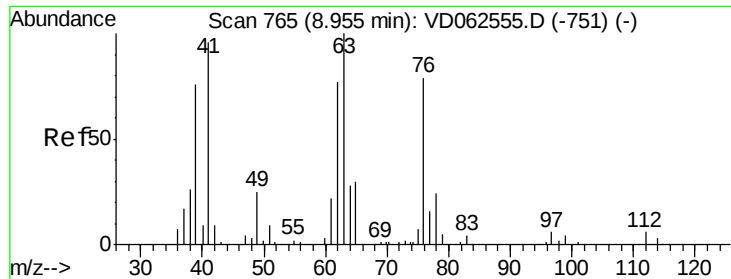
Tgt Ion: 130 Resp: 461722

Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	196.6



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





#45

1,2-Dichloropropane

Concen: 55.806 ug/l

RT: 8.96 min Scan# 765

Delta R.T. 0.00 min

Lab File: VD062555.D

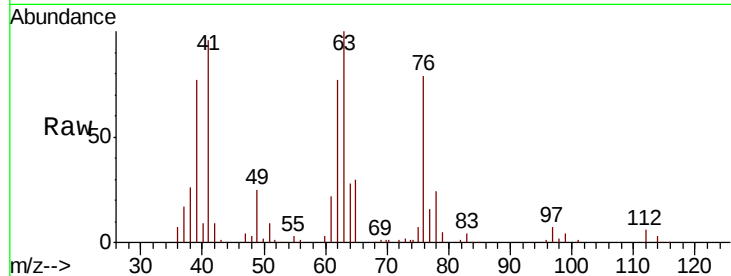
Acq: 30 May 2019 15:54

Tot Ion: 63 Resp: 300648

Ion Ratio Lower Upper

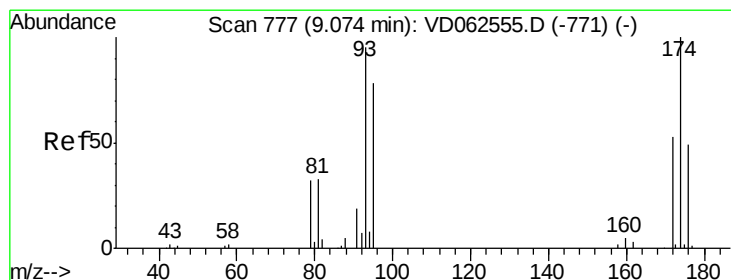
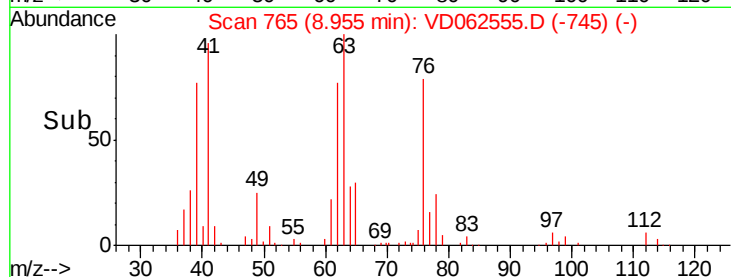
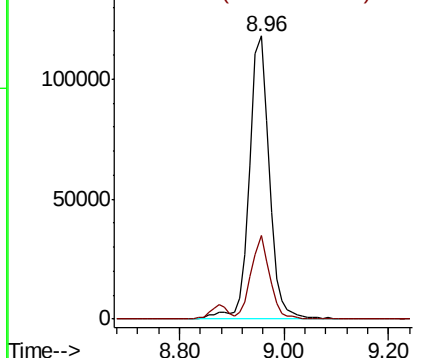
63 100

65 29.6 23.7 35.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 55.706 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

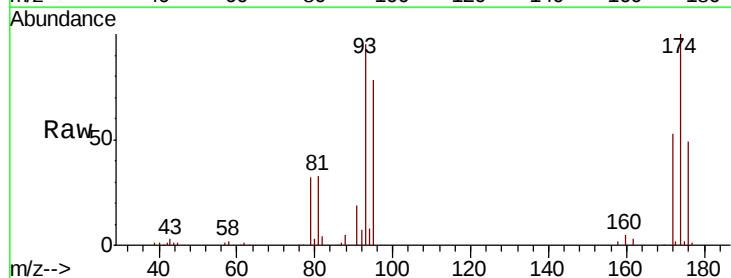
Tgt Ion: 93 Resp: 250324

Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

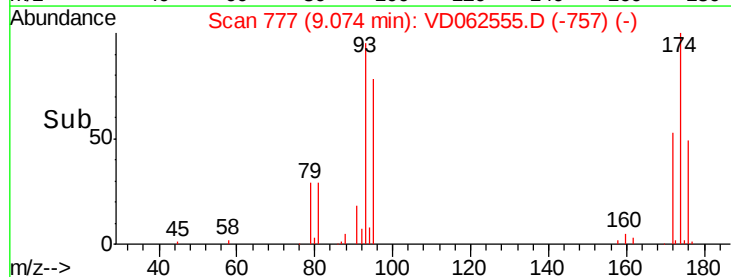
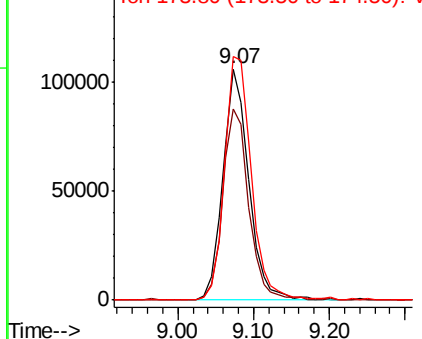
174 105.3 84.2 126.4

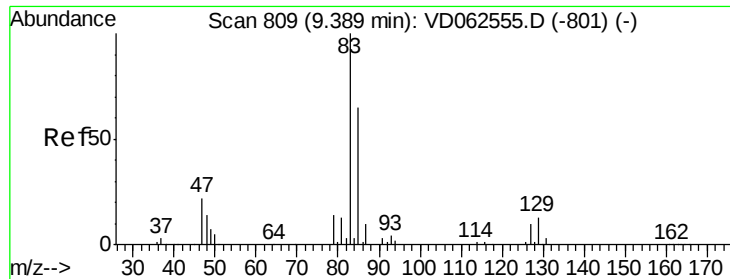


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

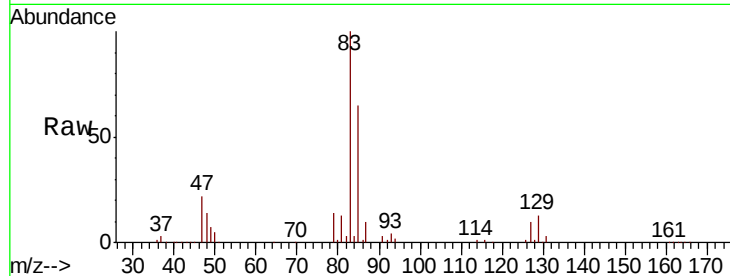
Ion 173.80 (173.50 to 174.50): V



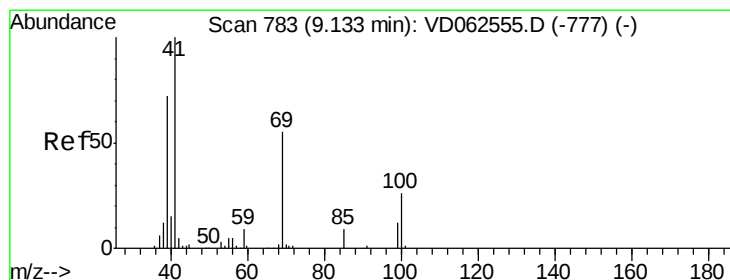
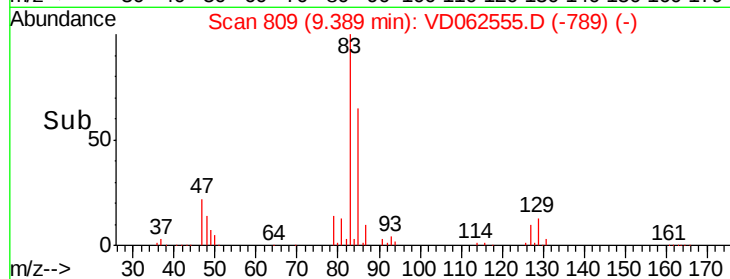
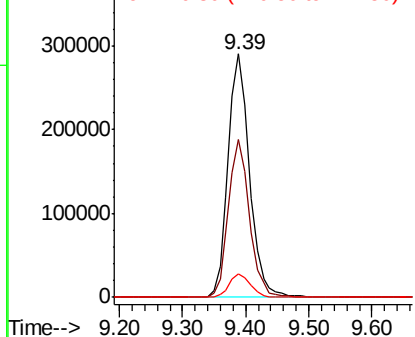


#47
Bromodichloromethane
Concen: 54.672 ug/l
RT: 9.39 min Scan# 809
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion	83	Resp	682447
Ion Ratio	100		
Lower	51.8		
Upper	77.8		
85	64.8		
127	9.7		
	7.8		
	11.6		

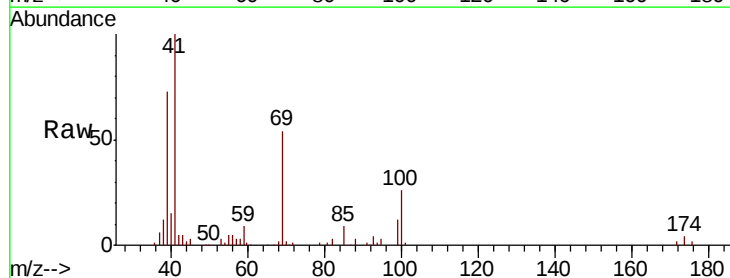


Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC

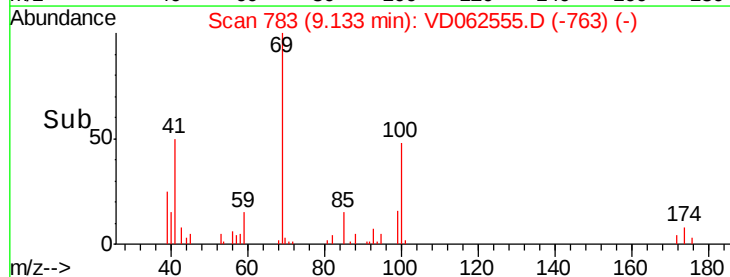
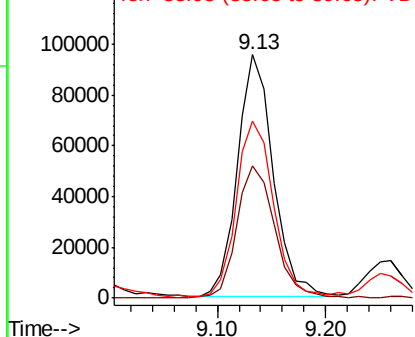


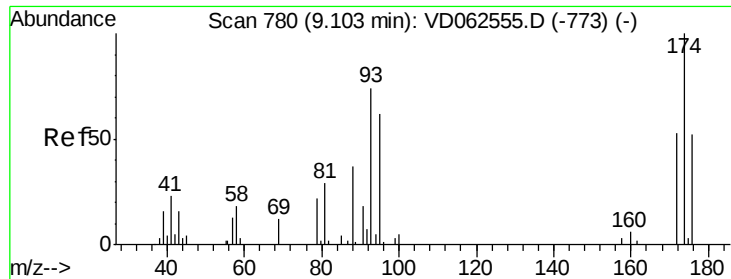
#48
Methyl methacrylate
Concen: 54.156 ug/l
RT: 9.13 min Scan# 783
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion	41	Resp	219977
Ion Ratio	100		
Lower	43.6		
Upper	65.4		
69	54.5		
39	72.6		
	58.1		
	87.1		



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





#49

1,4-Dioxane

Concen: 1048.615 ug/l

RT: 9.10 min Scan# 780

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

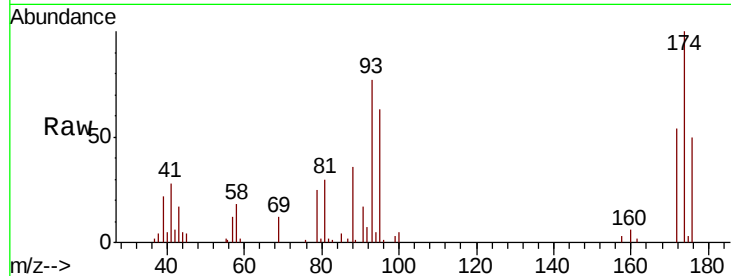
Tot Ion: 88 Resp: 34578

Ion Ratio Lower Upper

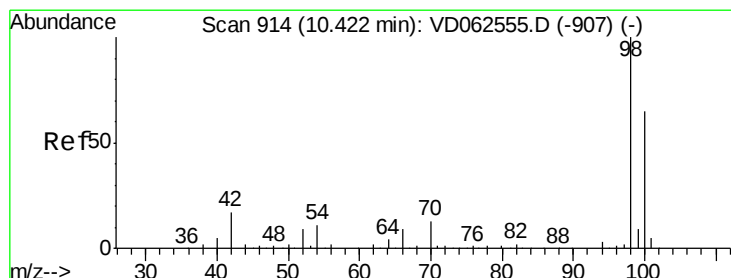
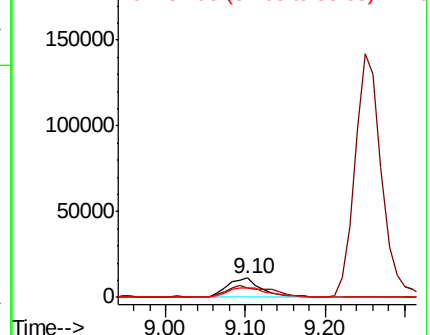
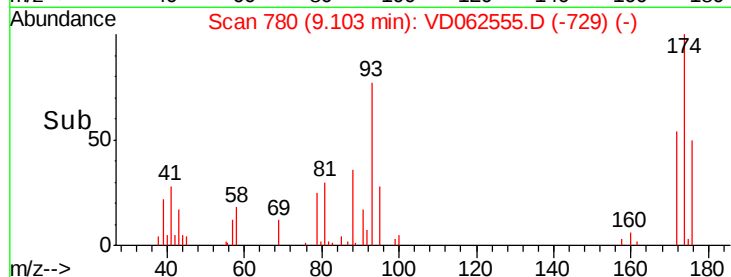
88 100

43 46.4 37.1 55.7

58 49.1 39.3 58.9



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: 54.609 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.00 min

Lab File: VD062555.D

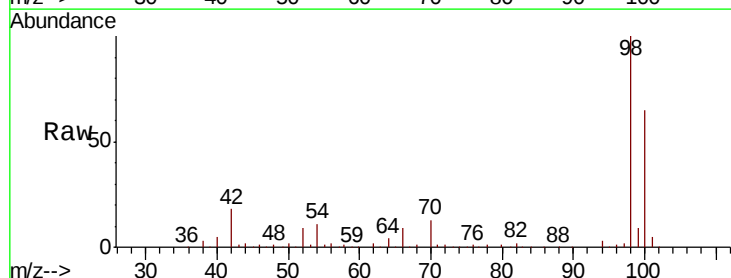
Acq: 30 May 2019 15:54

Tgt Ion: 98 Resp: 1203993

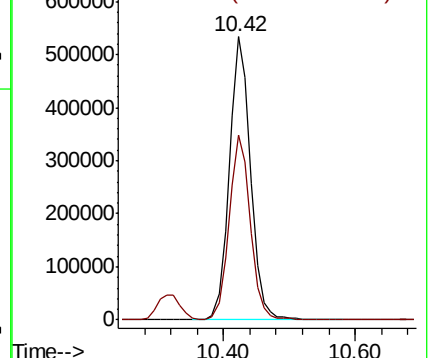
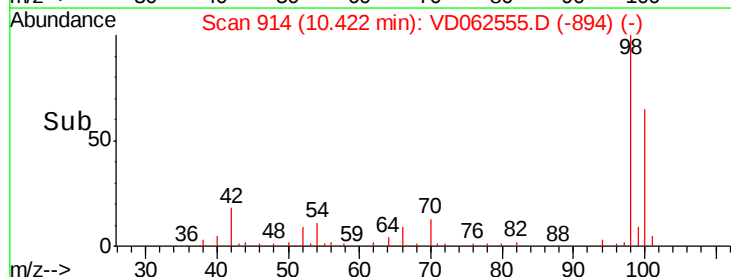
Ion Ratio Lower Upper

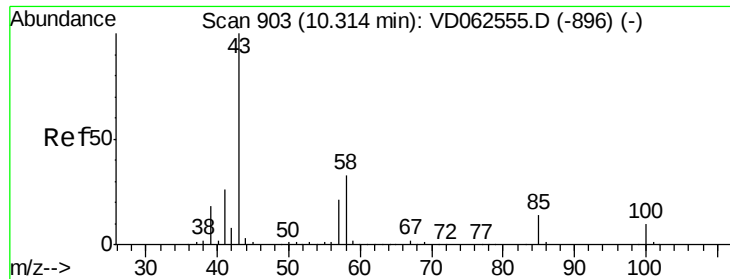
98 100

100 65.4 52.3 78.5



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: 269.030 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.00 min

Lab File: VD062555.D

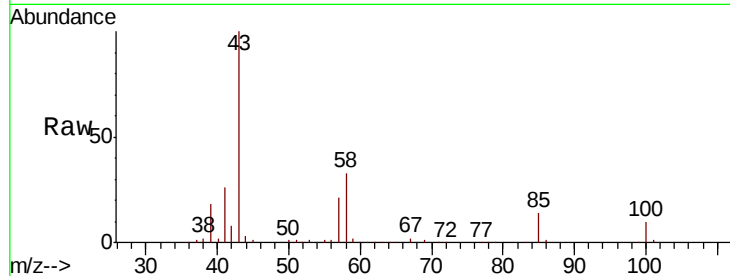
Acq: 30 May 2019 15:54

Tot Ion: 43 Resp: 1125086

Ion Ratio Lower Upper

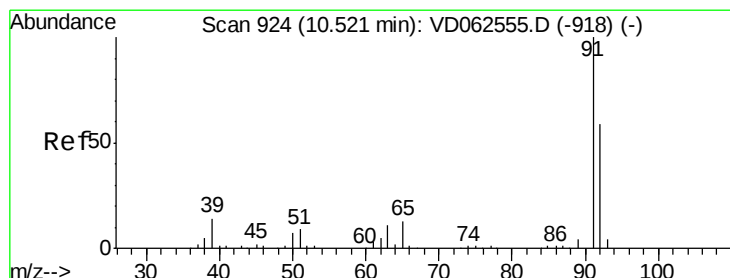
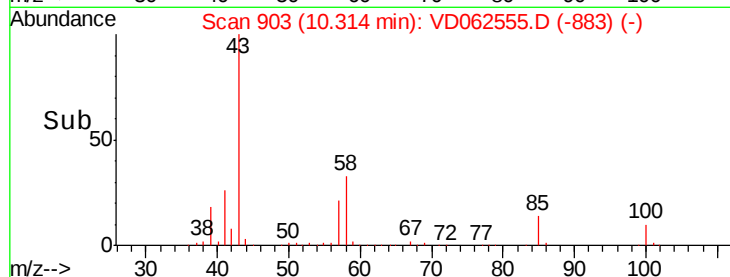
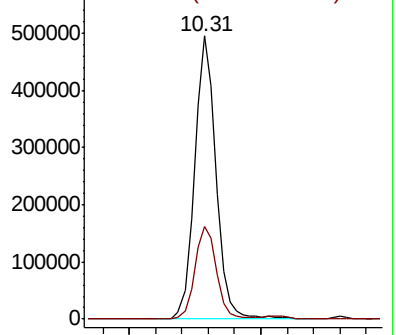
43 100

58 32.6 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 54.931 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: VD062555.D

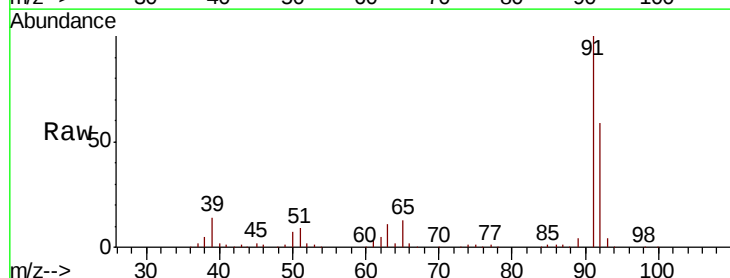
Acq: 30 May 2019 15:54

Tgt Ion: 92 Resp: 819634

Ion Ratio Lower Upper

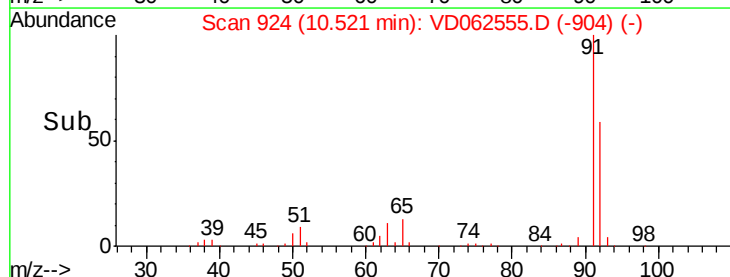
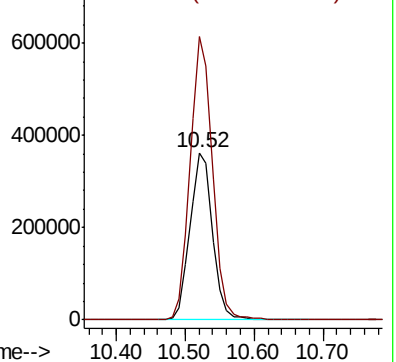
92 100

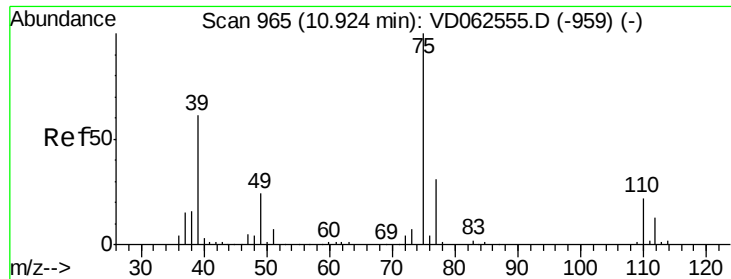
91 169.4 135.5 203.3



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: 55.679 ug/l

RT: 10.92 min Scan# 965

Delta R.T. 0.00 min

Lab File: VD062555.D

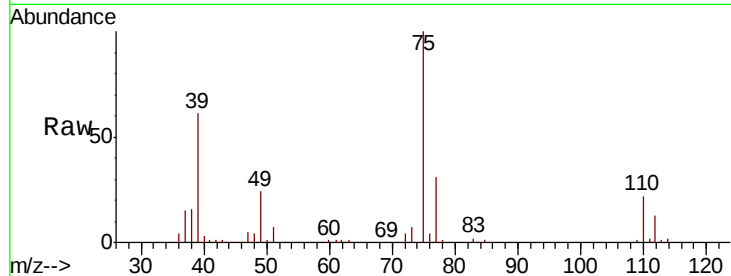
Acq: 30 May 2019 15:54

Tot Ion: 75 Resp: 594155

Ion Ratio Lower Upper

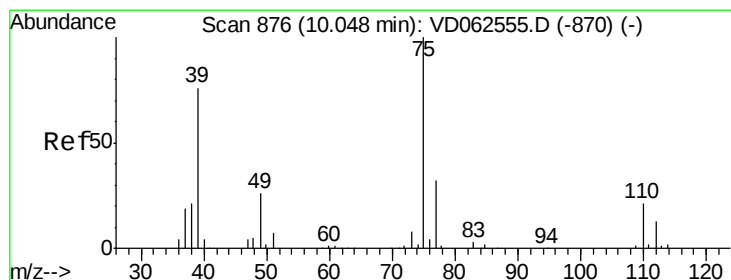
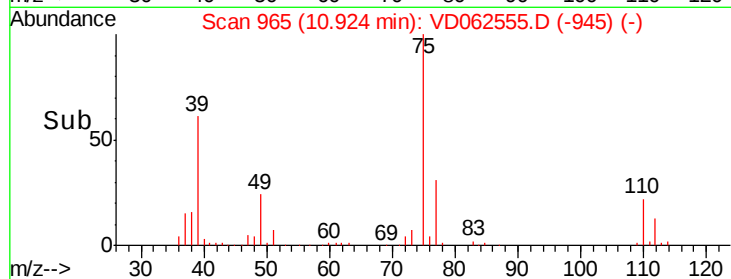
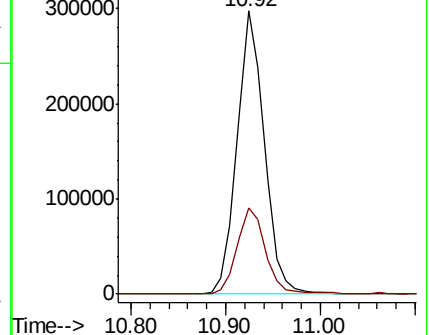
75 100

77 30.6 24.5 36.7



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: 55.656 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

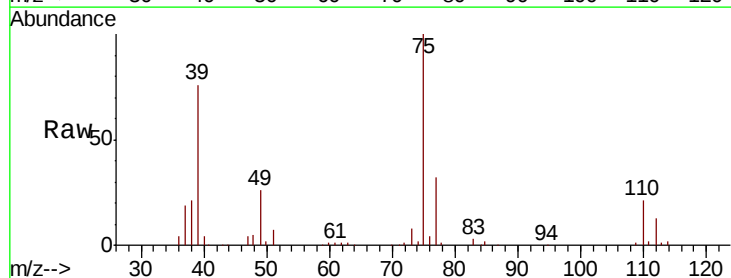
Tgt Ion: 75 Resp: 613925

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

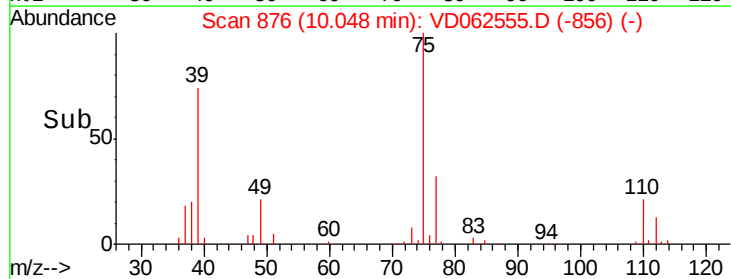
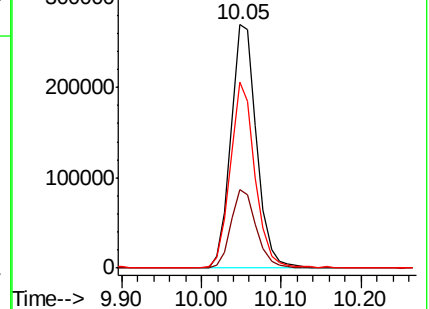
39 76.3 61.0 91.6

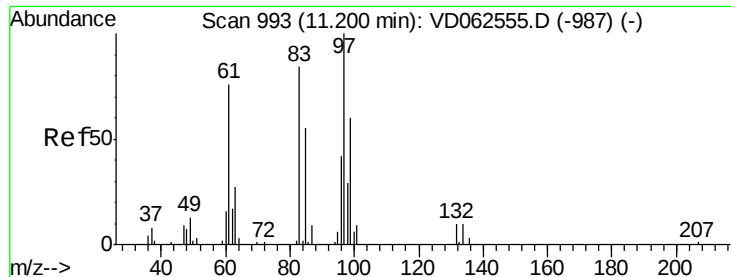


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

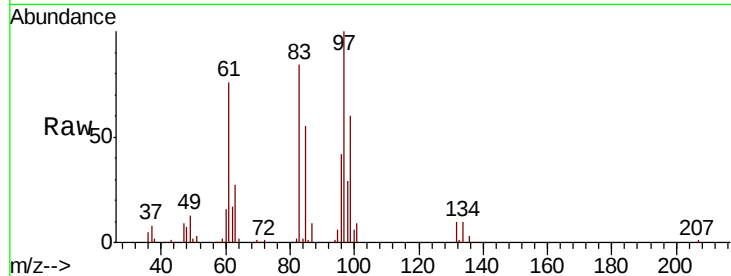
Ion 38.95 (38.65 to 39.65): VDC



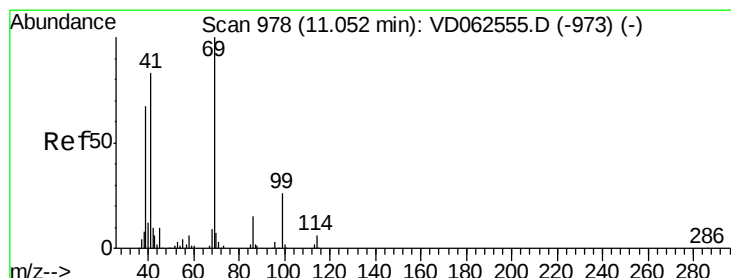
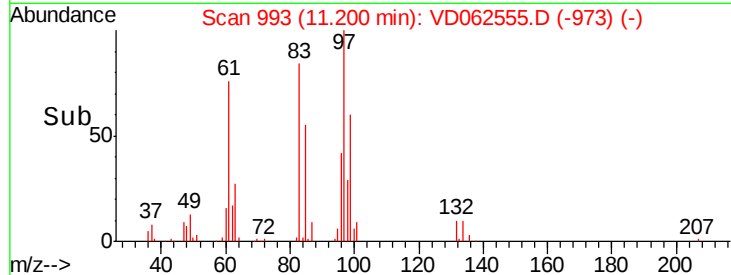
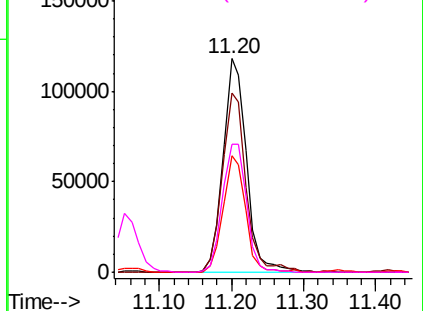


#55
 1,1,2-Trichloroethane
 Concen: 53.163 ug/l
 RT: 11.20 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion:	97	Resp:	263778
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.3	100.9
85	54.8	43.8	65.8
99	60.2	48.2	72.2

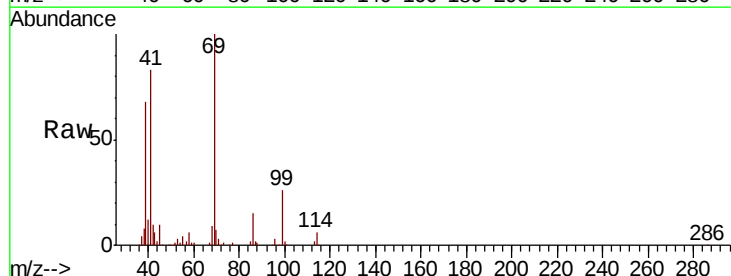


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

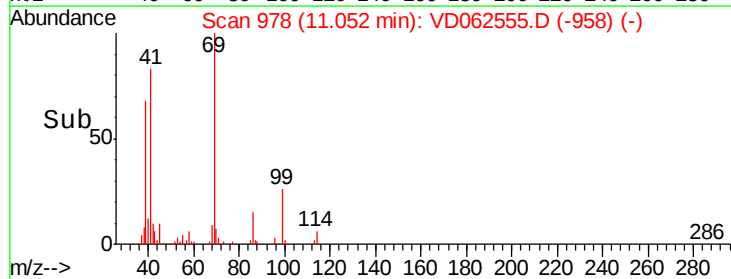
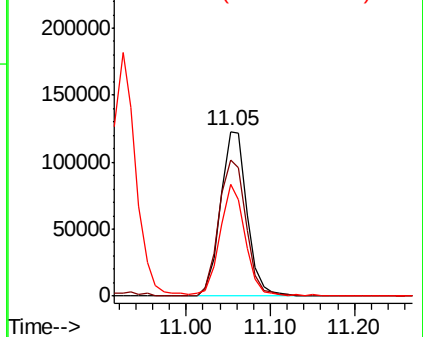


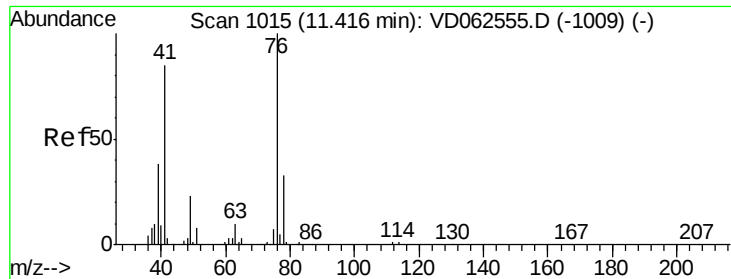
#56
 Ethyl methacrylate
 Concen: 51.119 ug/l
 RT: 11.05 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion:	69	Resp:	268267
Ion	Ratio	Lower	Upper
69	100		
41	82.6	66.1	99.1
39	67.7	54.2	81.2



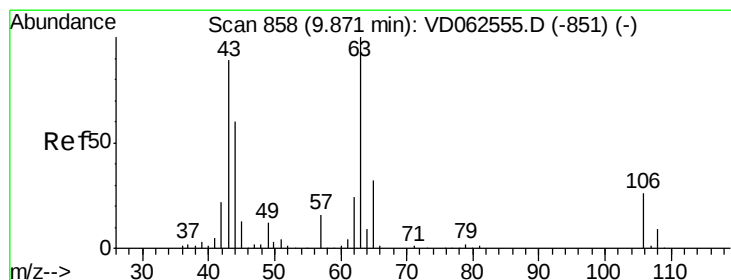
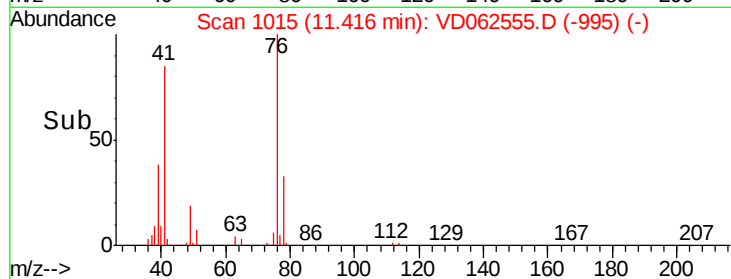
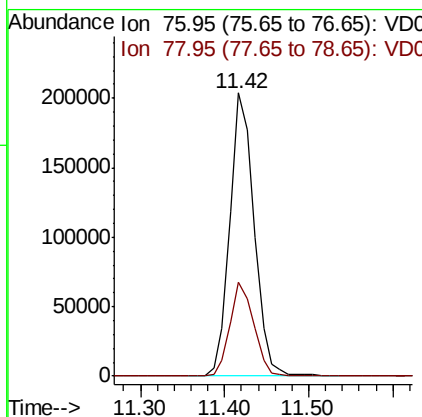
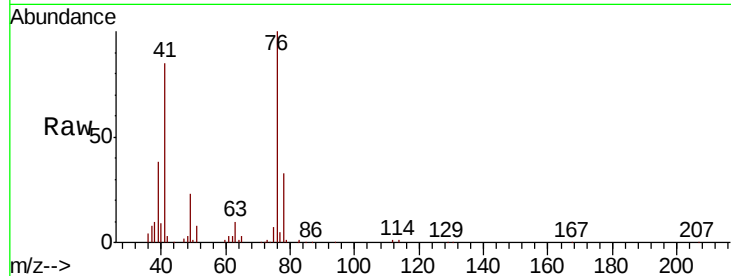
Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





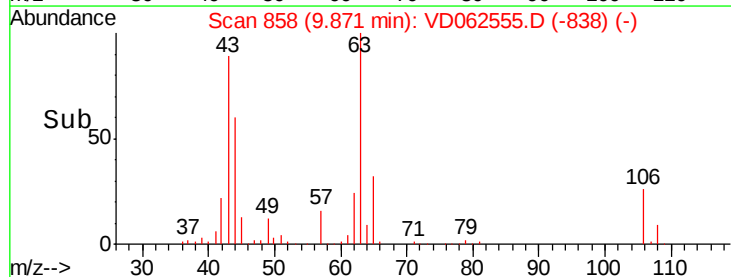
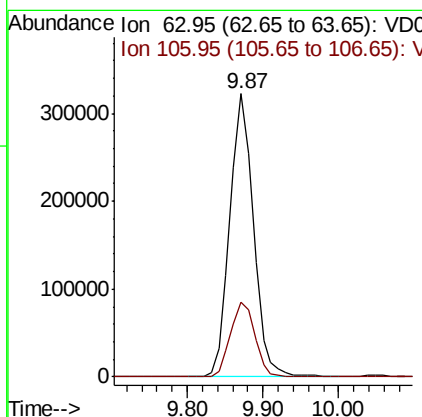
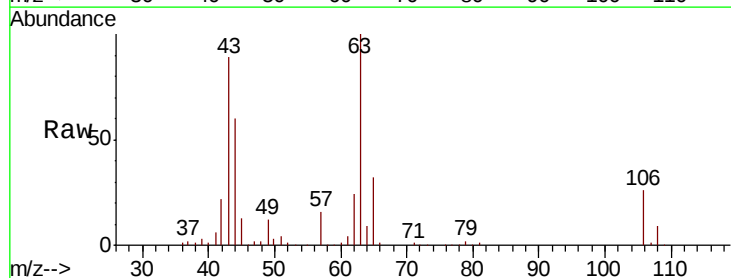
#57
 1,3-Dichloropropane
 Concen: 54.564 ug/l
 RT: 11.42 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

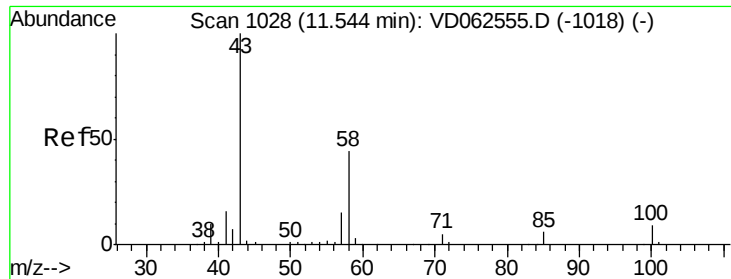
Tot Ion: 76 Resp: 410047
 Ion Ratio Lower Upper
 76 100
 78 33.4 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.962 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

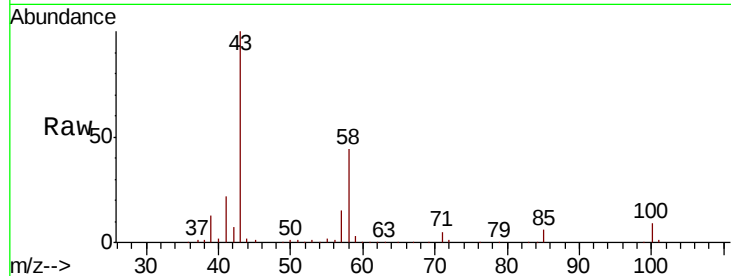
Tgt Ion: 63 Resp: 696209
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.0 31.4



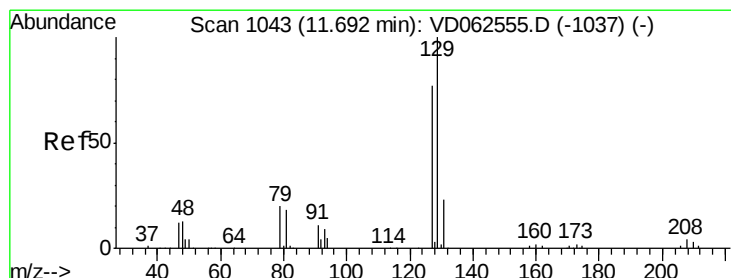
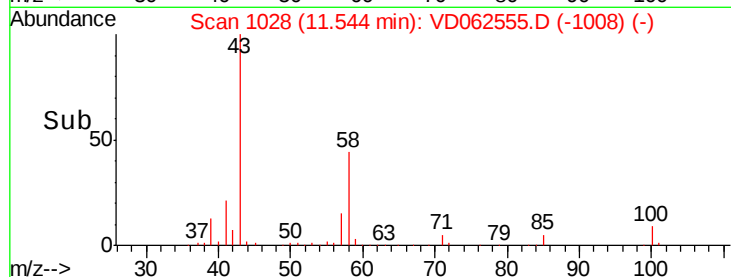
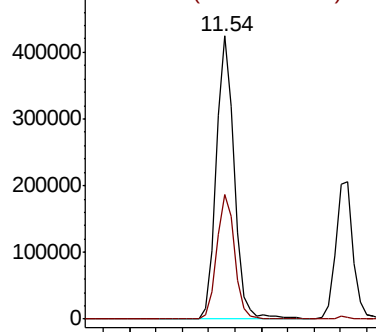


#59
2-Hexanone
Concen: 278.221 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion: 43 Resp: 812938
Ion Ratio Lower Upper
43 100
58 44.0 22.0 66.0

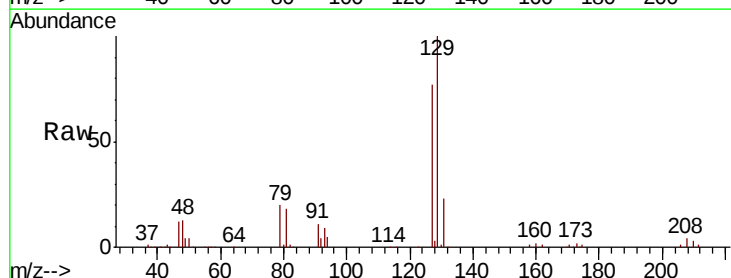


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

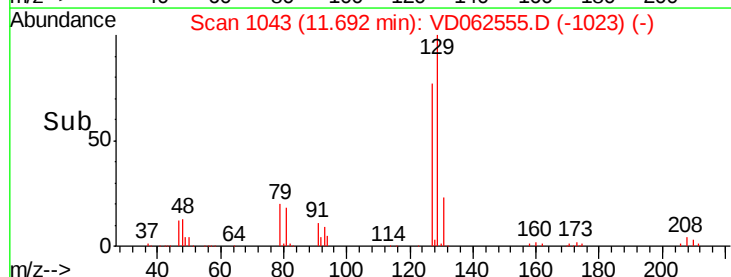
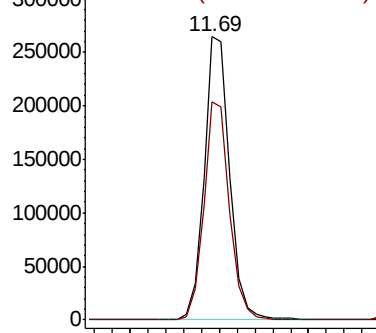


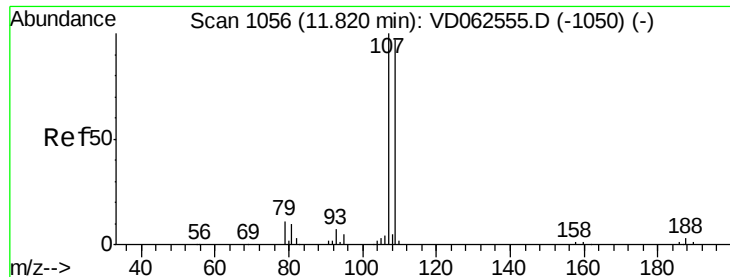
#60
Dibromochloromethane
Concen: 54.809 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 129 Resp: 527564
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8



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





#61

1,2-Dibromoethane

Concen: 55.438 ug/l

RT: 11.82 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VD062555.D

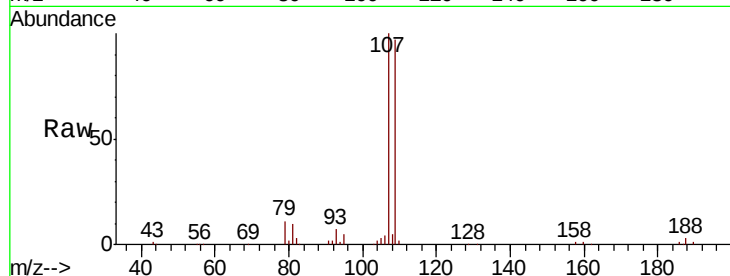
Acq: 30 May 2019 15:54

Tot Ion: 107 Resp: 325493

Ion Ratio Lower Upper

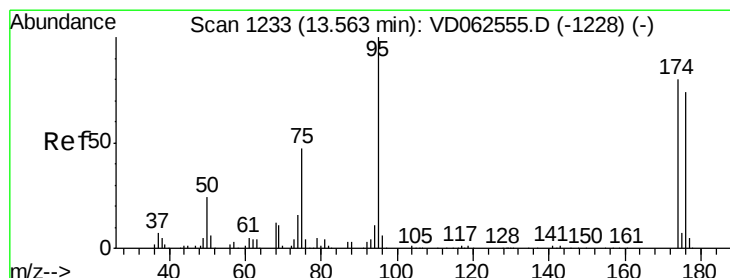
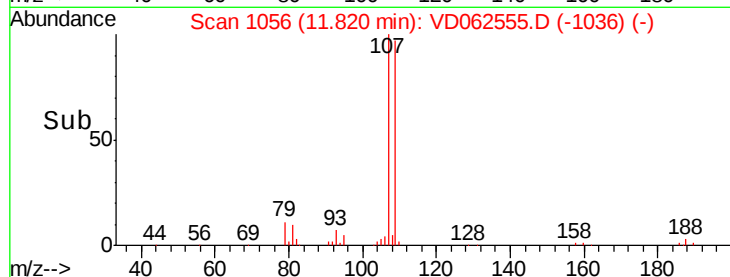
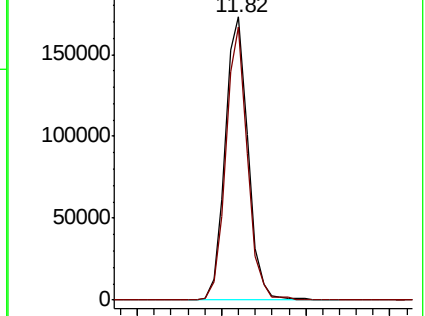
107 100

109 96.6 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 53.698 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

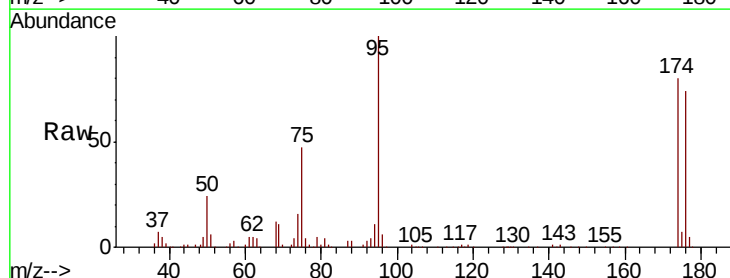
Tgt Ion: 95 Resp: 530810

Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

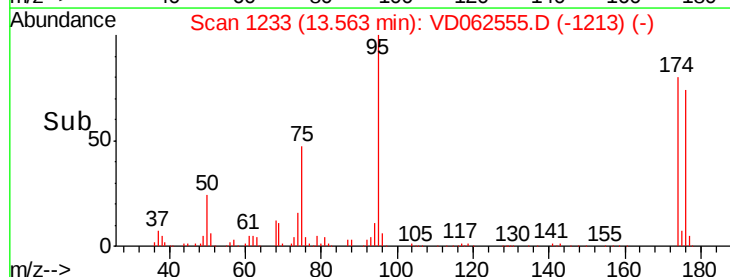
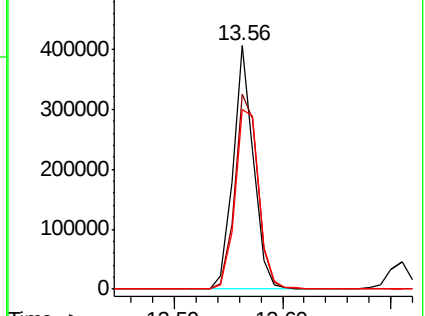
176 74.0 0.0 148.0

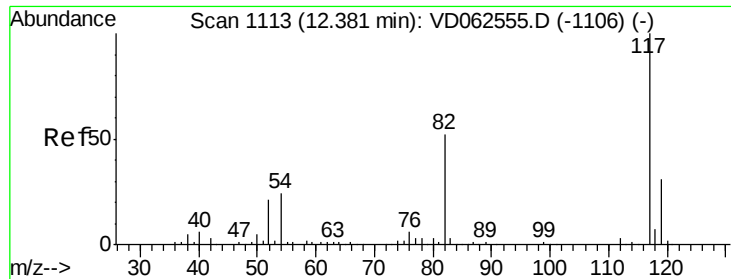


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

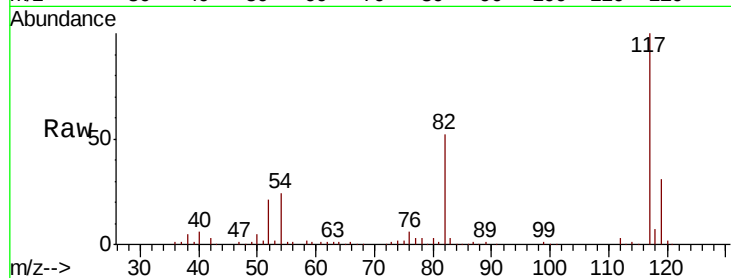
Ion 175.90 (175.60 to 176.60): V



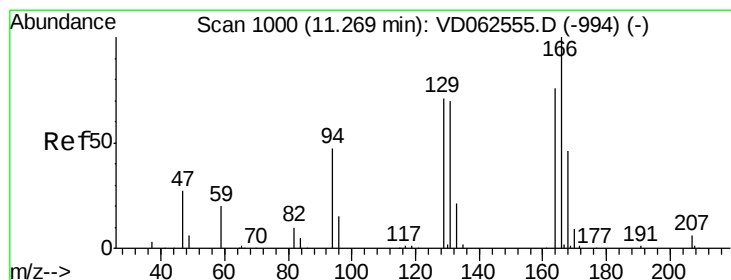
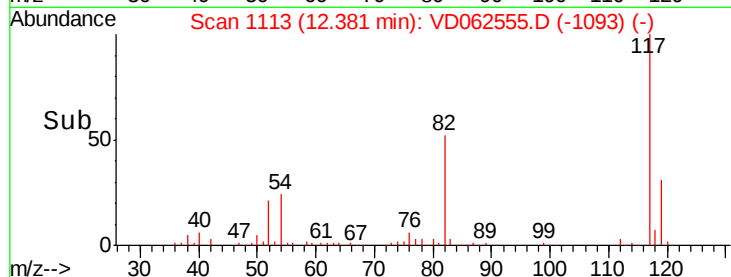
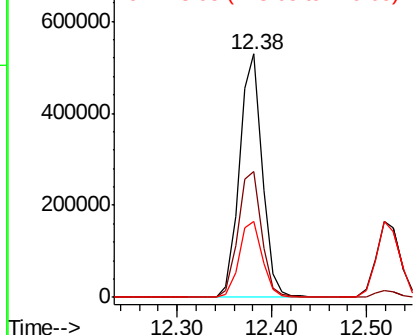


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion:117 Resp: 881523
Ion Ratio Lower Upper
117 100
82 51.8 41.4 62.2
119 31.1 24.9 37.3

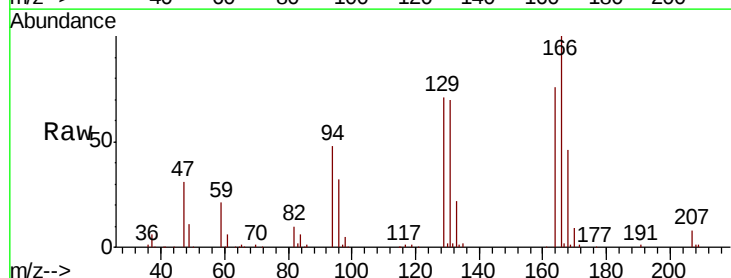


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

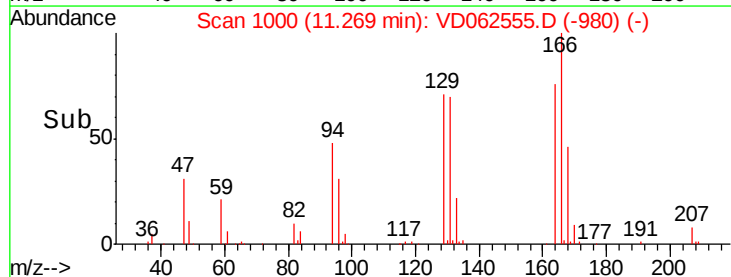
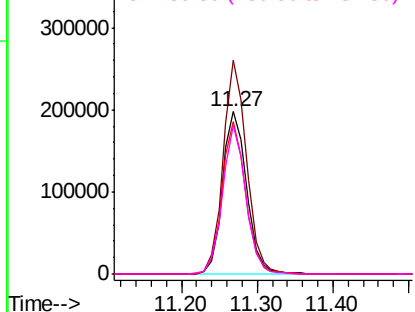


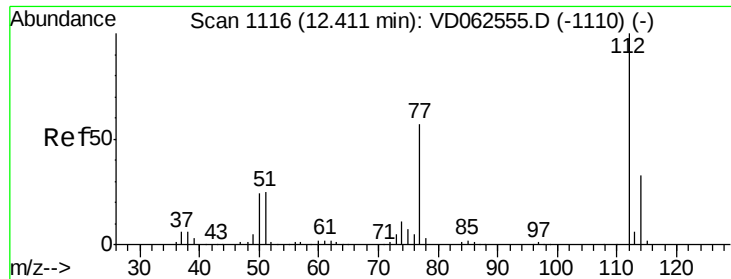
#64
Tetrachloroethene
Concen: 54.399 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion:164 Resp: 433995
Ion Ratio Lower Upper
164 100
166 131.6 105.3 157.9
129 94.1 75.3 112.9
131 91.6 73.3 109.9



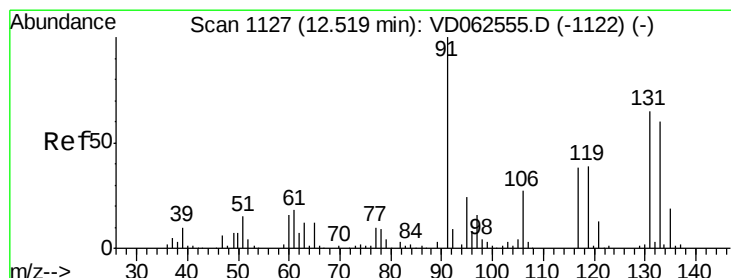
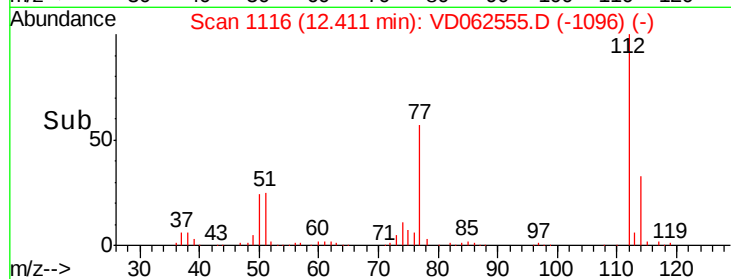
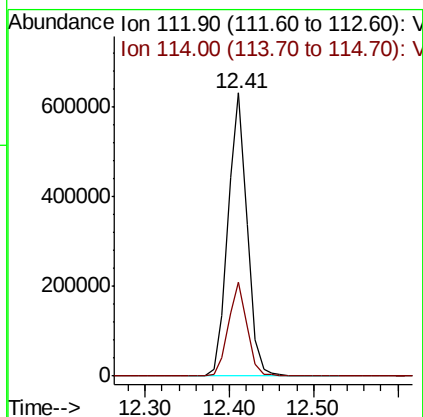
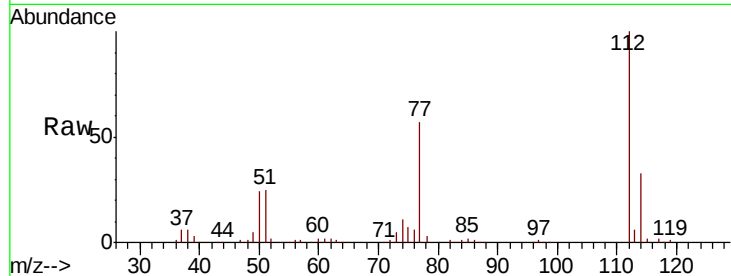
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





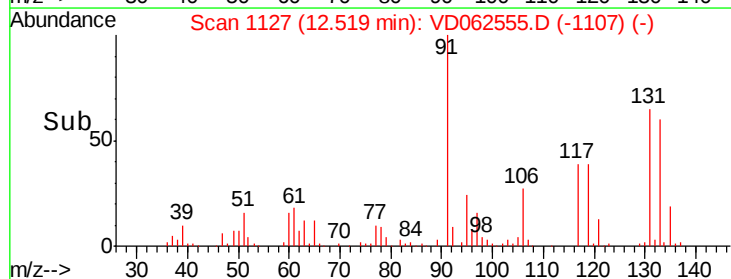
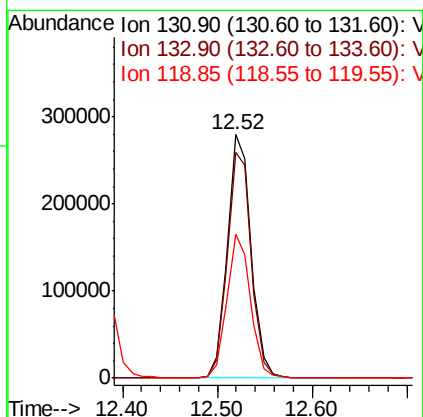
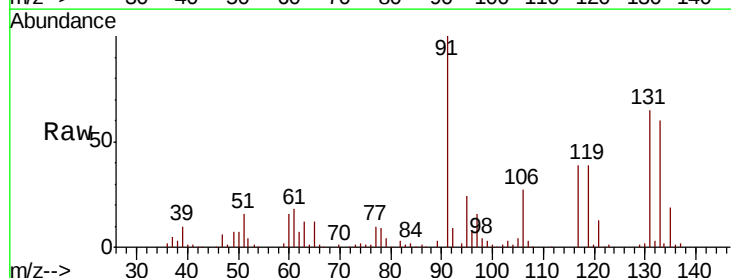
#65
Chlorobenzene
Concen: 55.492 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

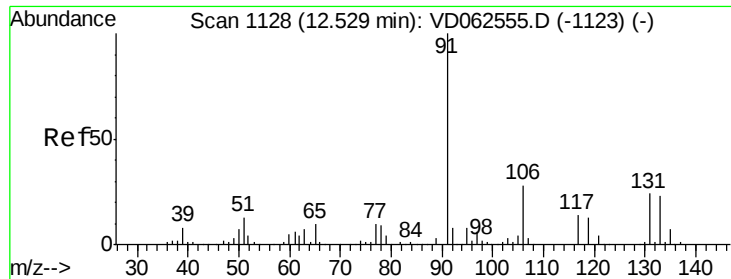
Tot Ion:112 Resp: 989158
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.998 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

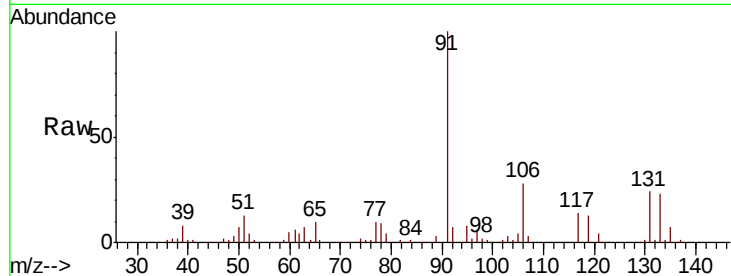
Tgt Ion:131 Resp: 483147
Ion Ratio Lower Upper
131 100
133 92.4 46.2 138.6
119 59.1 29.5 88.6



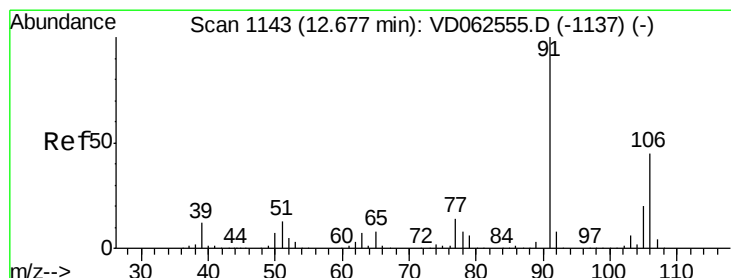
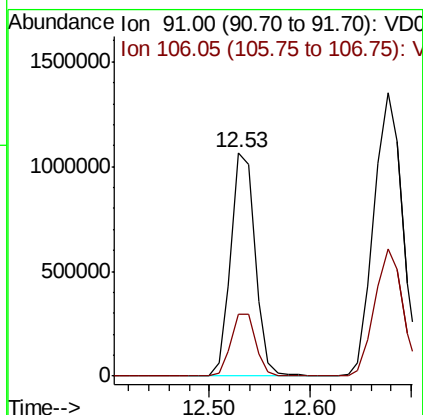
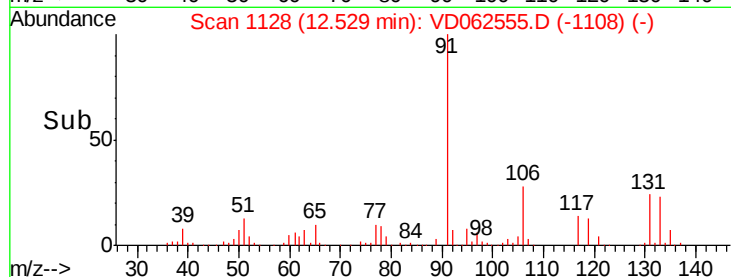


#67
Ethyl Benzene
Concen: 55.736 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion: 91 Resp: 1790142
Ion Ratio Lower Upper
91 100
106 27.7 22.2 33.2

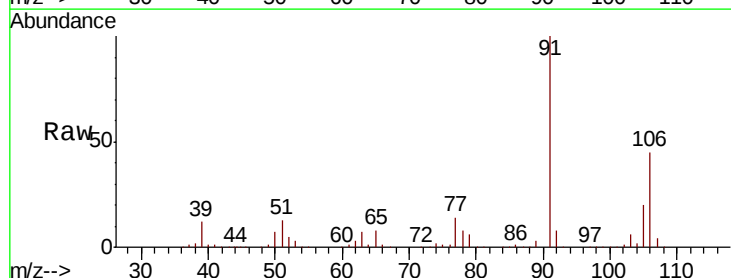


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

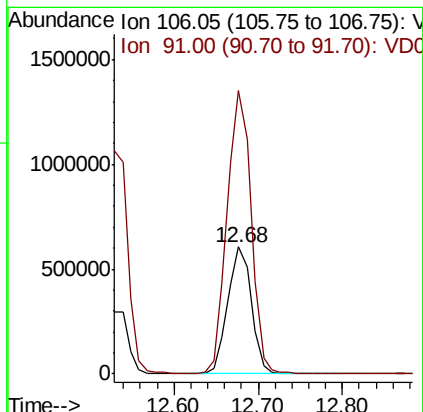
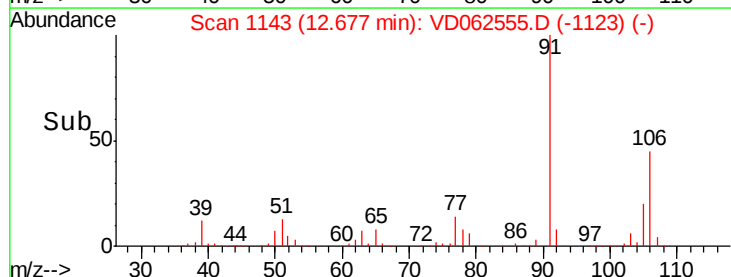


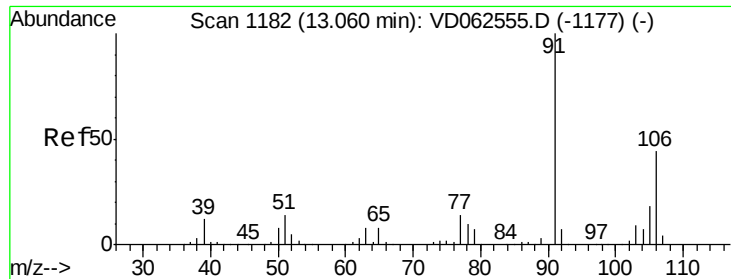
#68
m/p-Xylenes
Concen: 108.951 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 106 Resp: 1188385
Ion Ratio Lower Upper
106 100
91 223.6 178.9 268.3



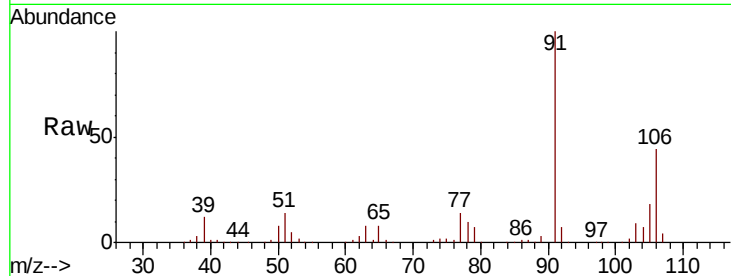
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



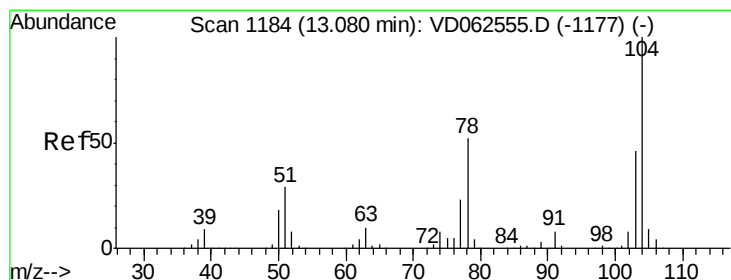
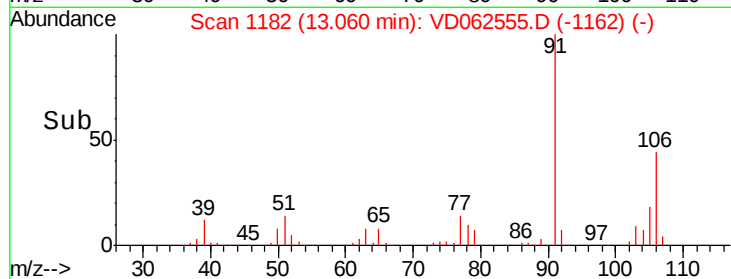
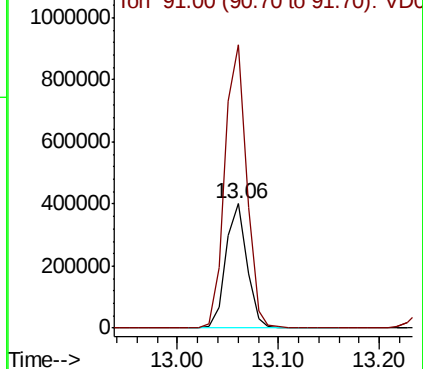


#69
o-Xylene
Concen: 55.395 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tot Ion:106 Resp: 585509
Ion Ratio Lower Upper
106 100
91 227.9 113.9 341.8

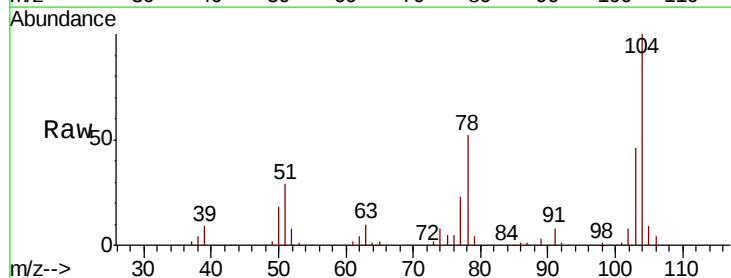


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

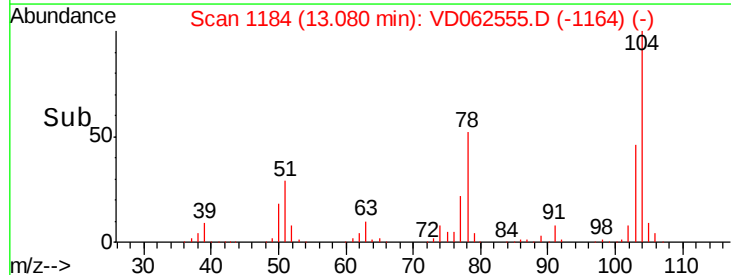
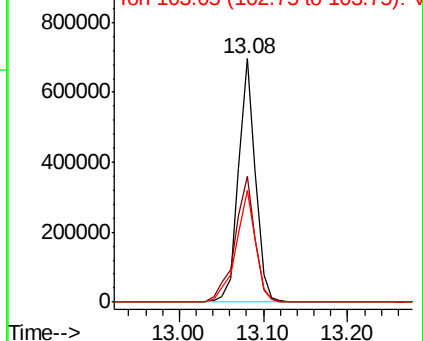


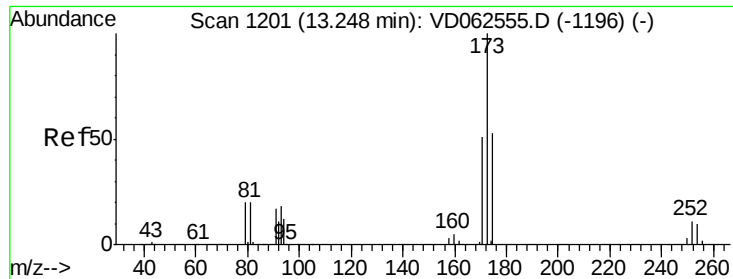
#70
Styrene
Concen: 54.530 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion:104 Resp: 974364
Ion Ratio Lower Upper
104 100
78 51.9 41.5 62.3
103 45.8 36.6 55.0



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





#71

Bromoform

Concen: 55.308 ug/l

RT: 13.25 min Scan# 1201

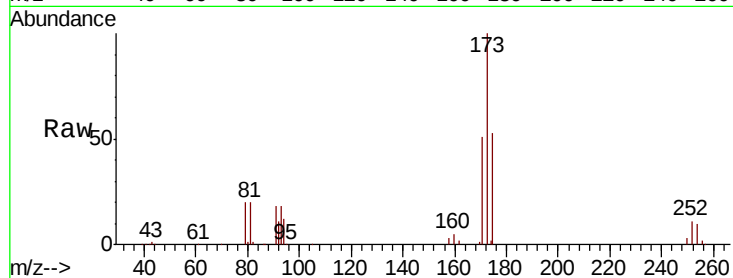
Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tot Ion:173 Resp: 320771

Ion	Ratio	Lower	Upper
173	100		
175	53.1	26.6	79.7
254	10.1	8.1	12.1

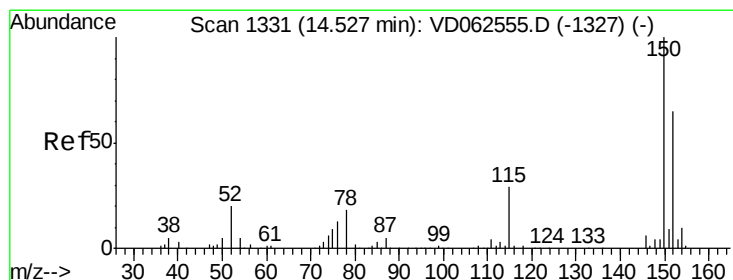
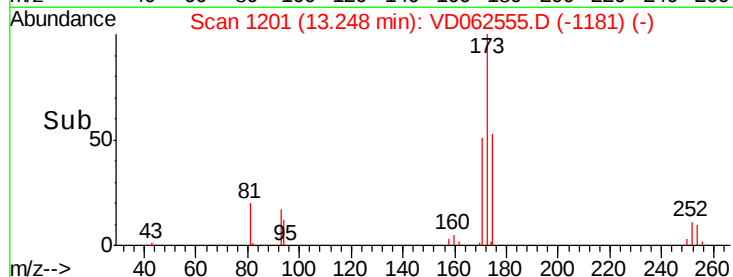
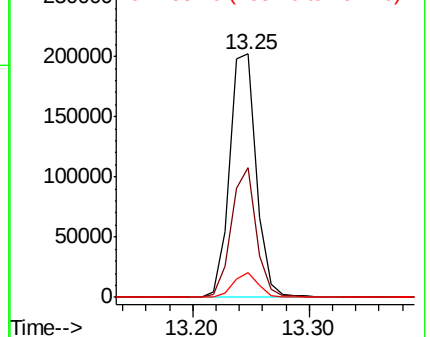


Abundance

Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

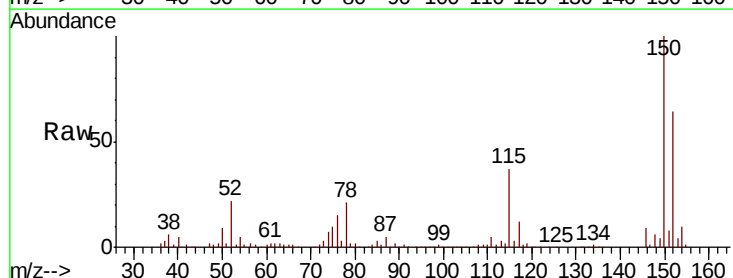
Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tgt Ion:152 Resp: 511830

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.4	85.3
150	155.2	0.0	310.4

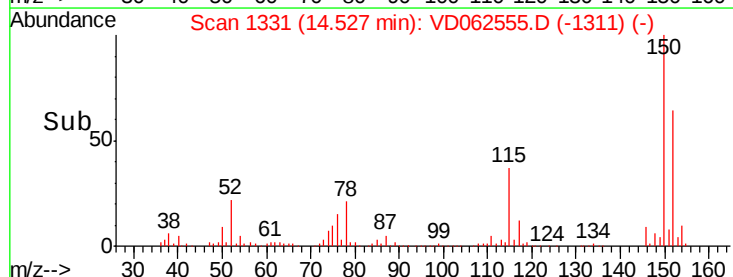
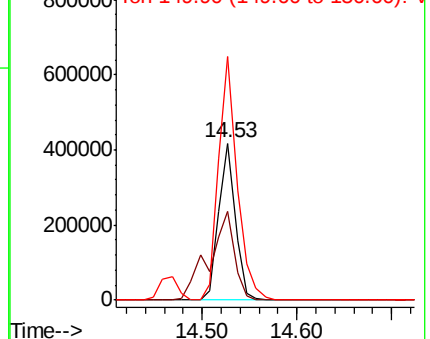


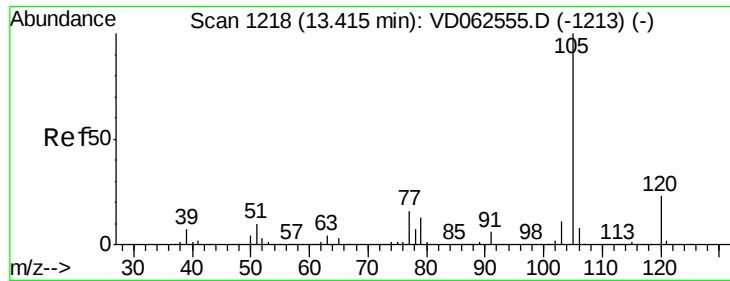
Abundance

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: 51.668 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VD062555.D

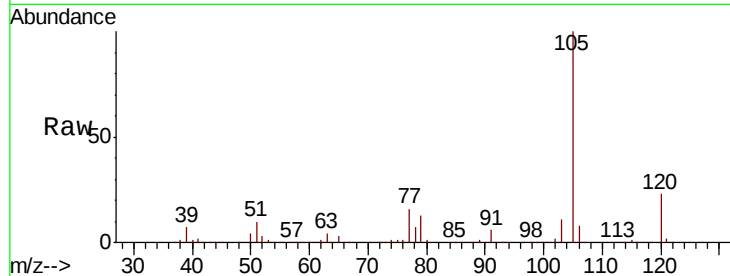
Acq: 30 May 2019 15:54

Tot Ion:105 Resp: 1758292

Ion Ratio Lower Upper

105 100

120 23.2 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

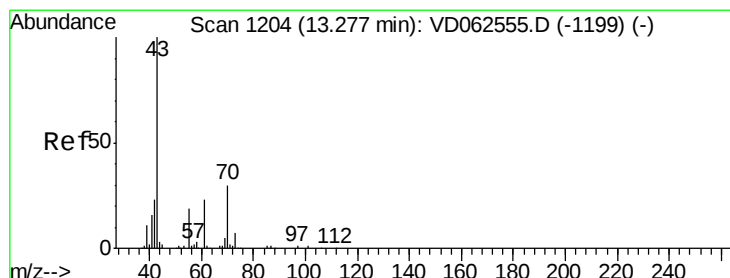
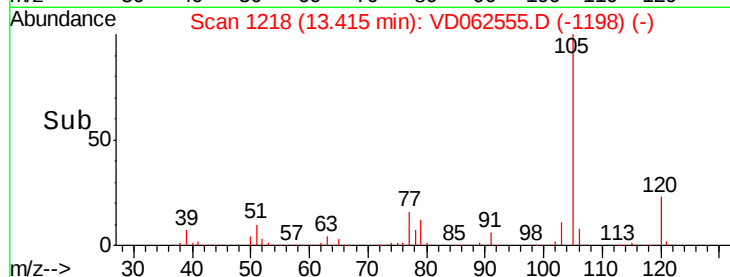
13.41

1000000

500000

0

Time--> 13.30 13.40 13.50 13.60



#74

N-ethyl acetate

Concen: 50.563 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

Tgt Ion: 43 Resp: 442077

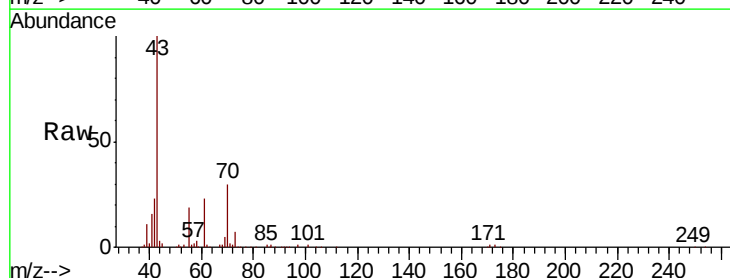
Ion Ratio Lower Upper

43 100

70 29.6 23.7 35.5

55 18.7 15.0 22.4

61 23.0 18.4 27.6



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

13.28

400000

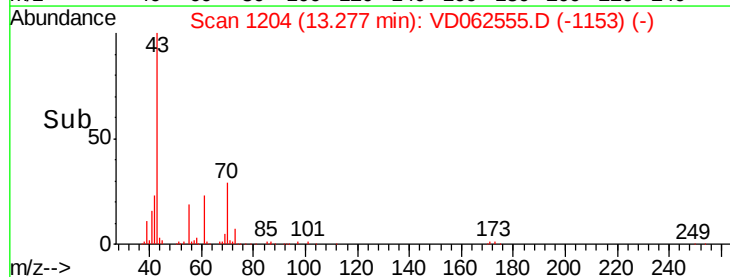
300000

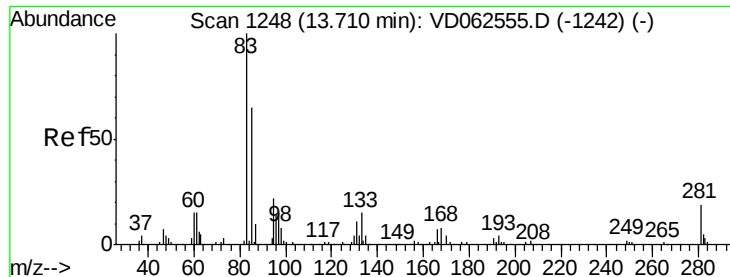
200000

100000

0

Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 53.747 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

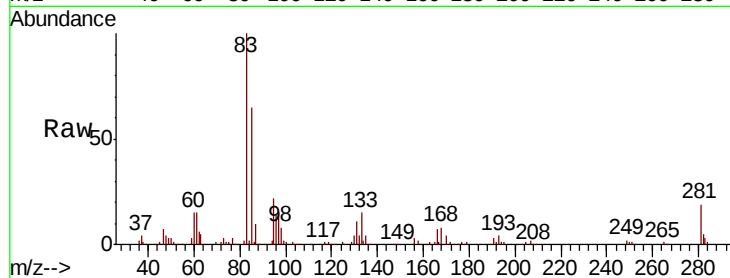
Tot Ion: 83 Resp: 299748

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.7	17.1
85	65.2	32.6	97.8

83 100

131 11.4 5.7 17.1

85 65.2 32.6 97.8



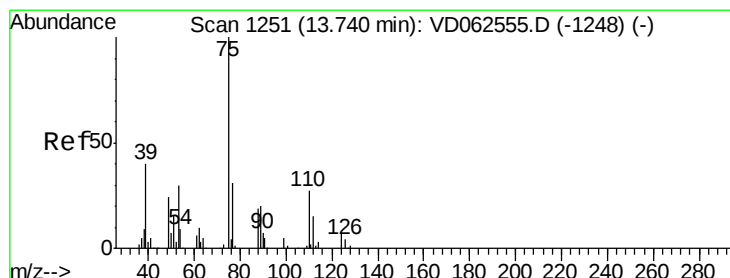
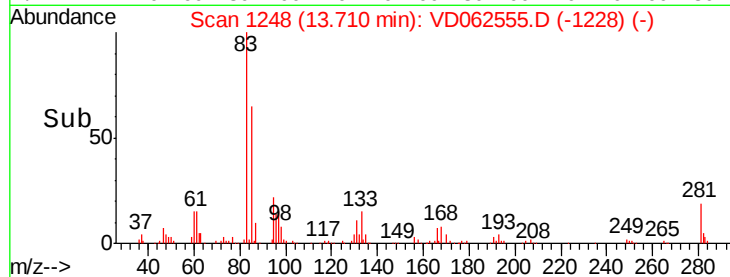
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.71

Time-->



#76

1,2,3-Trichloropropane

Concen: 51.390 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VD062555.D

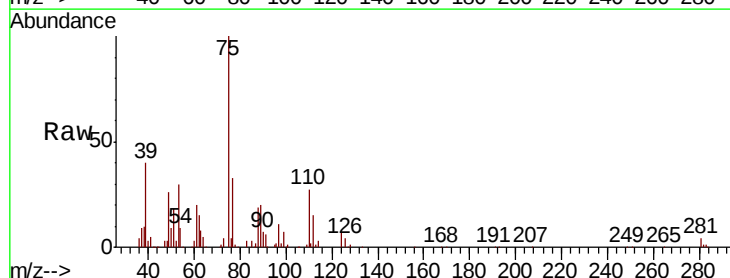
Acq: 30 May 2019 15:54

Tgt Ion: 75 Resp: 332114

Ion	Ratio	Lower	Upper
75	100		
77	33.0	16.5	49.5

75 100

77 33.0 16.5 49.5

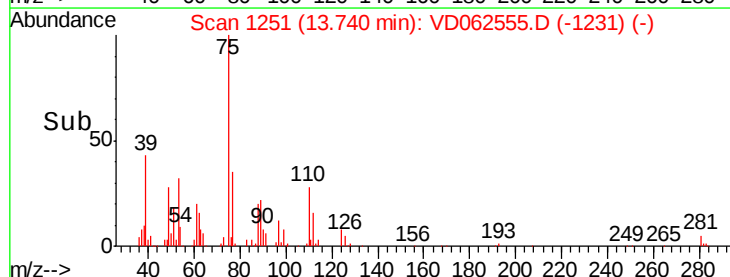


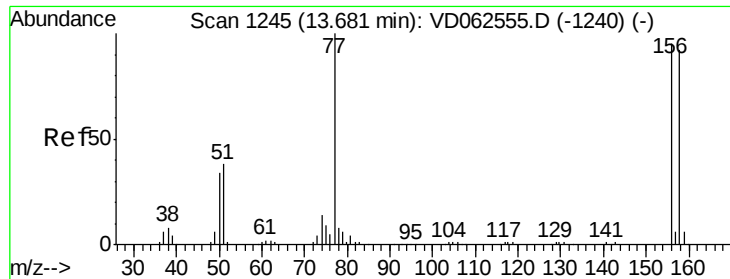
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.74

Time-->





#77

Bromobenzene

Concen: 54.447 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

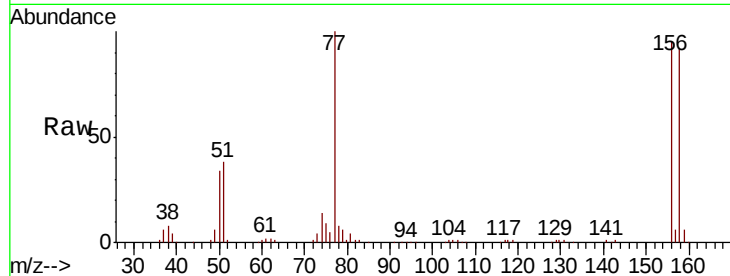
Tot Ion:156 Resp: 518678

Ion Ratio Lower Upper

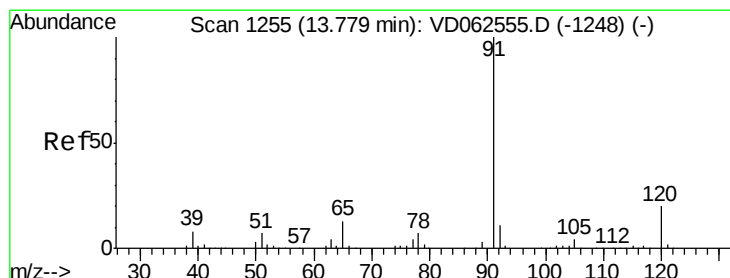
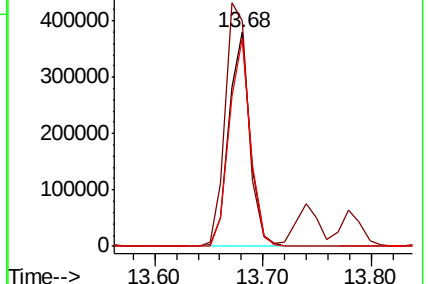
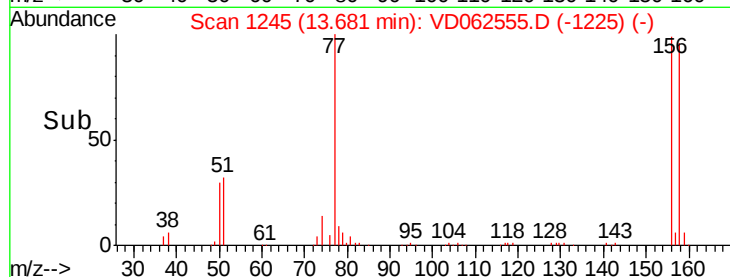
156 100

77 105.8 52.9 158.7

158 97.0 48.5 145.5



Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): VDC
Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 50.393 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD062555.D

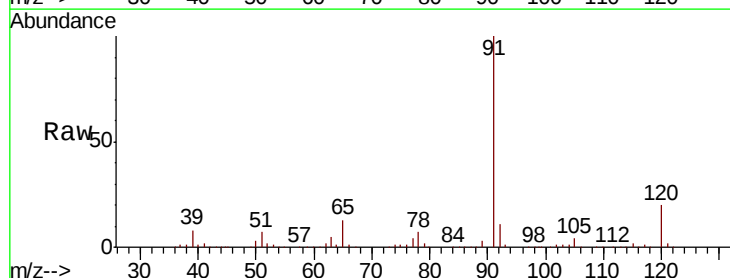
Acq: 30 May 2019 15:54

Tgt Ion: 91 Resp: 1998446

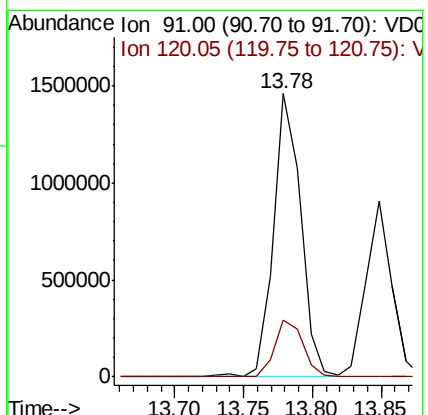
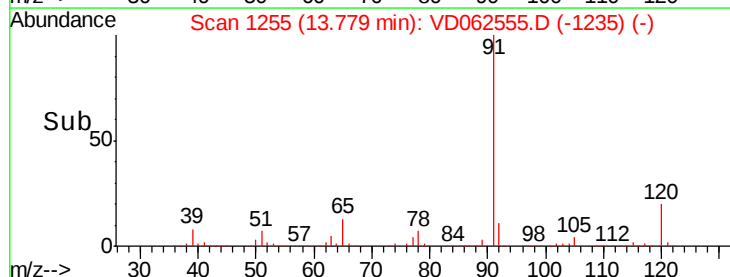
Ion Ratio Lower Upper

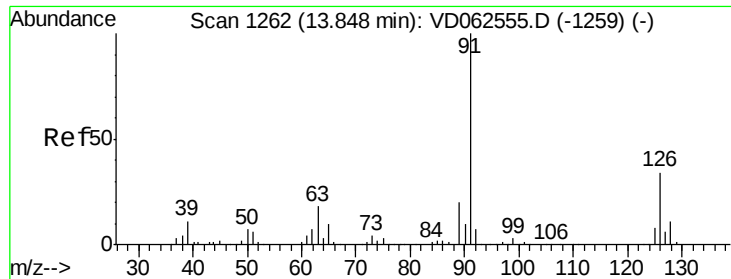
91 100

120 19.9 10.0 29.8



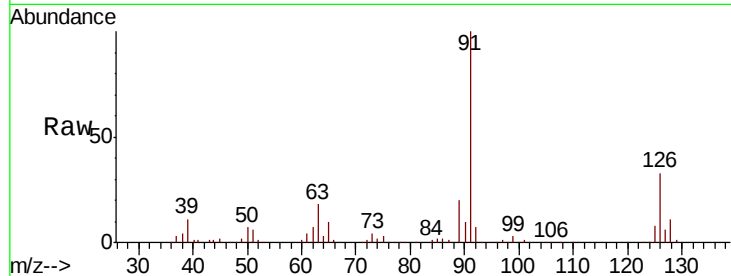
Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 120.05 (119.75 to 120.75): V



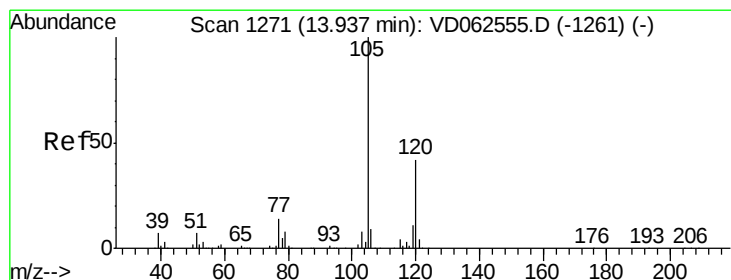
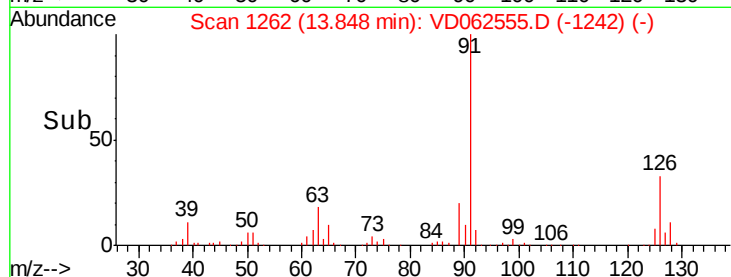
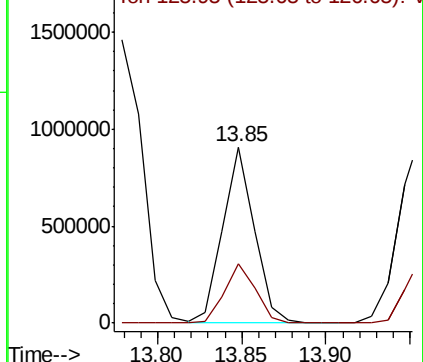


#79
 2-Chlorotoluene
 Concen: 50.728 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion: 91 Resp: 1177756
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.7 50.1

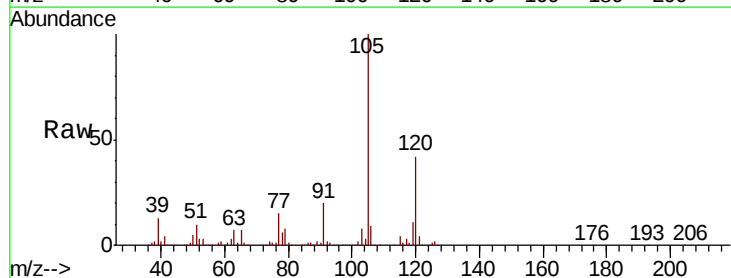


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

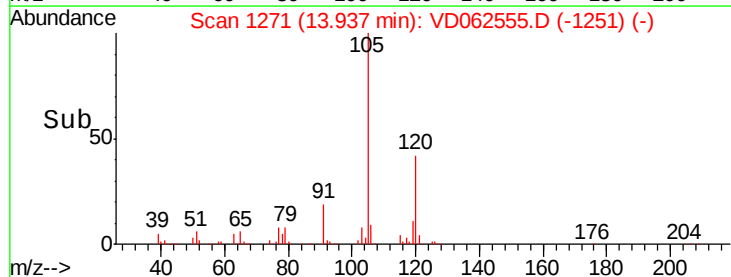
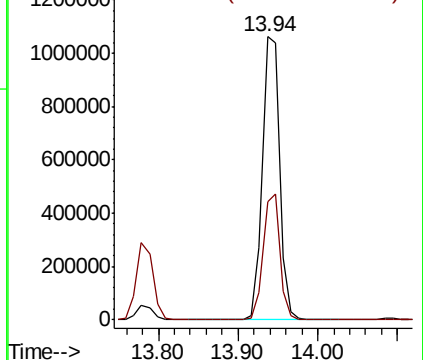


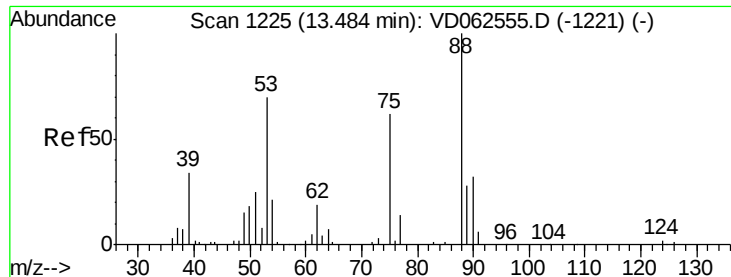
#80
 1,3,5-Trimethylbenzene
 Concen: 53.314 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion: 105 Resp: 1573767
 Ion Ratio Lower Upper
 105 100
 120 41.7 20.8 62.5



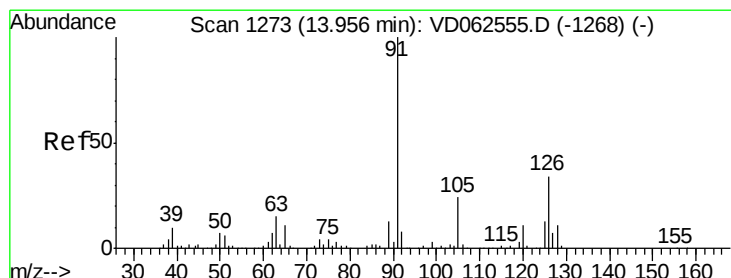
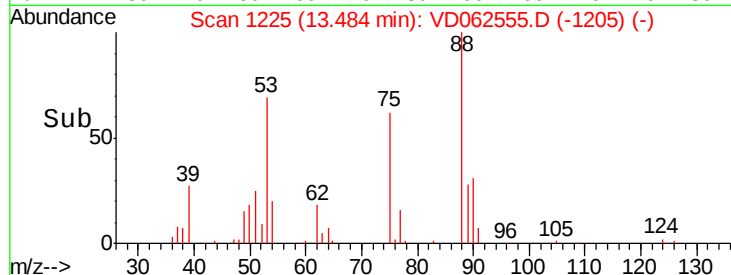
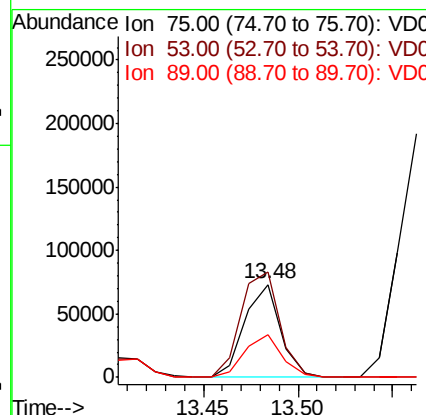
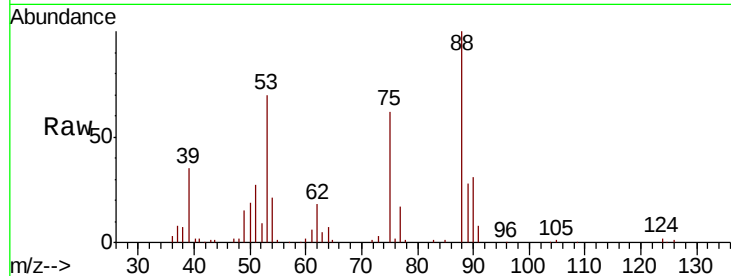
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





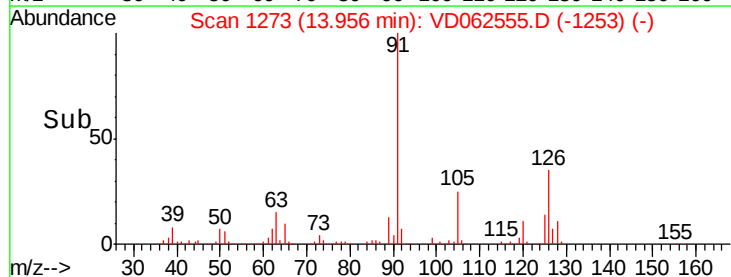
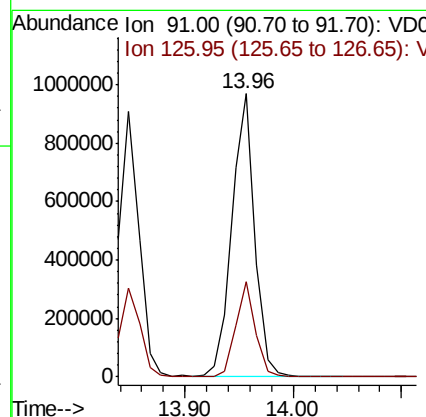
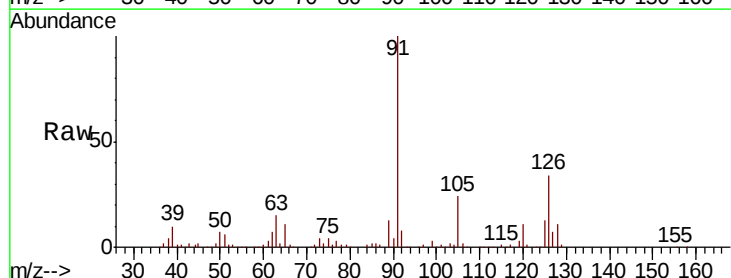
#81
trans-1,4-Dichloro-2-butene
Concen: 54.901 ug/l
RT: 13.48 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

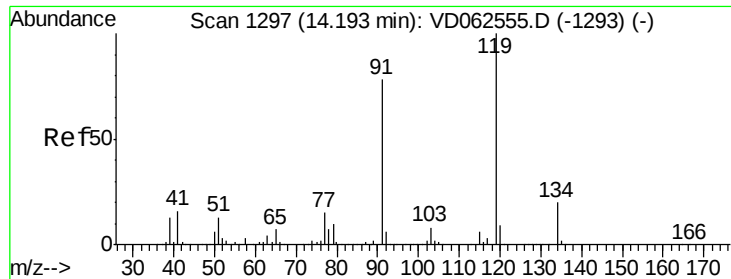
Tot Ion: 75 Resp: 95986
Ion Ratio Lower Upper
75 100
53 113.7 91.0 136.4
89 46.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 50.556 ug/l
RT: 13.96 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

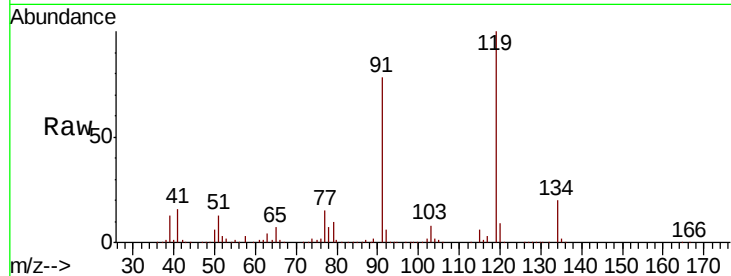
Tgt Ion: 91 Resp: 1411516
Ion Ratio Lower Upper
91 100
126 33.8 16.9 50.7



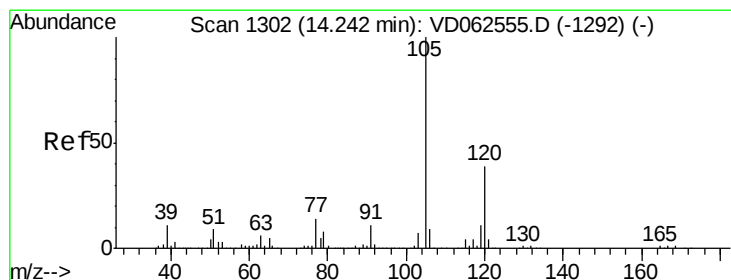
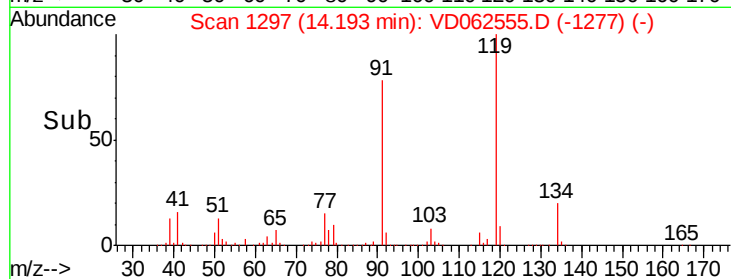
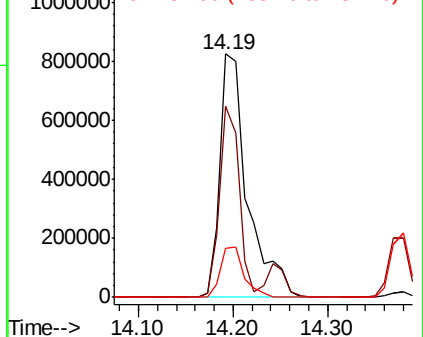


#83
 tert-Butylbenzene
 Concen: 51.327 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion:119 Resp: 1666781
 Ion Ratio Lower Upper
 119 100
 91 78.3 39.1 117.5
 134 20.2 10.1 30.3

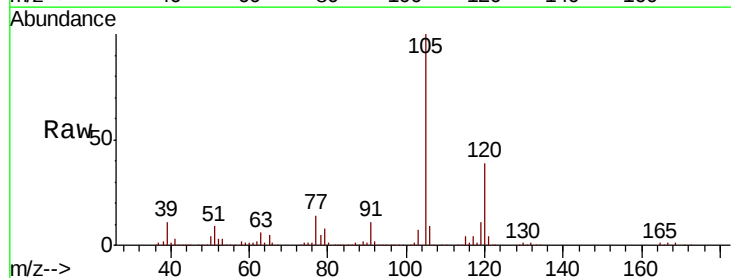


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

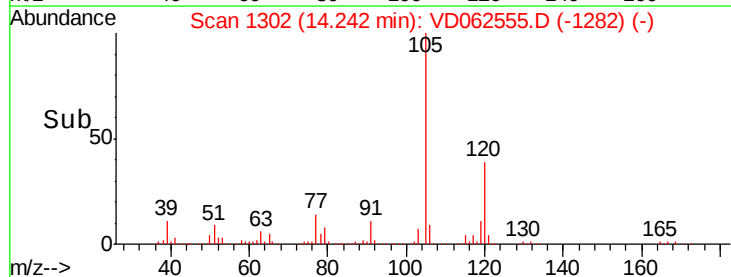
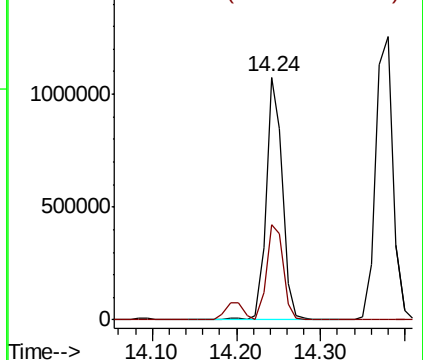


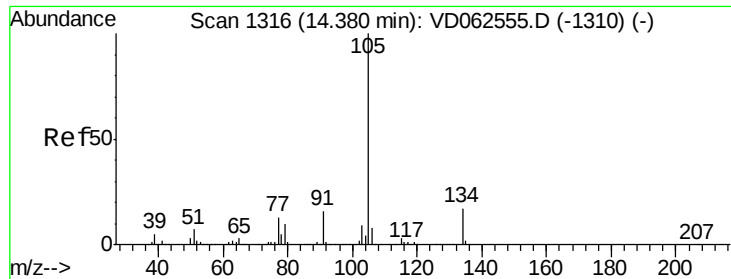
#84
 1,2,4-Trimethylbenzene
 Concen: 49.355 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion:105 Resp: 1456592
 Ion Ratio Lower Upper
 105 100
 120 39.2 19.6 58.8



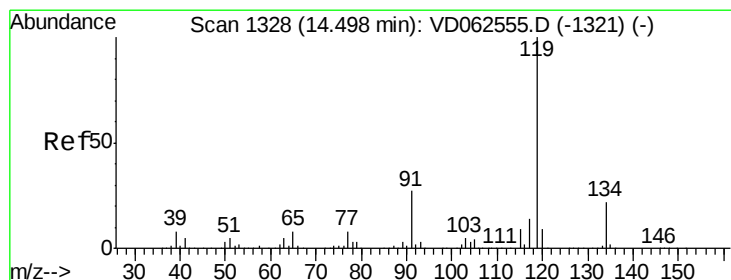
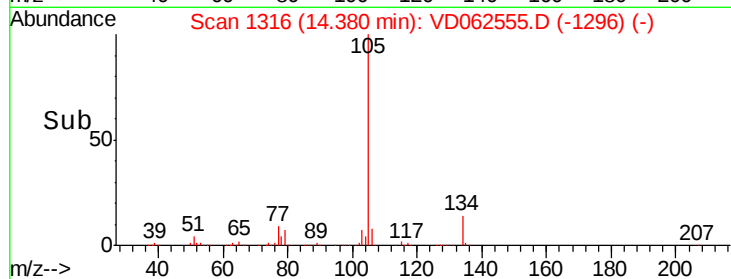
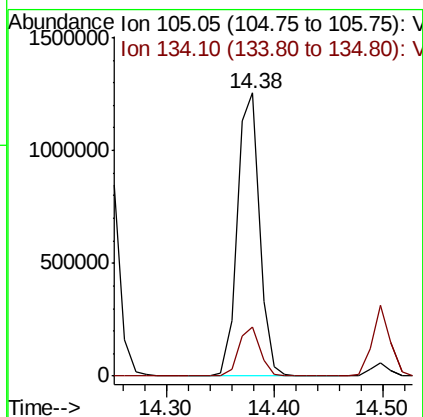
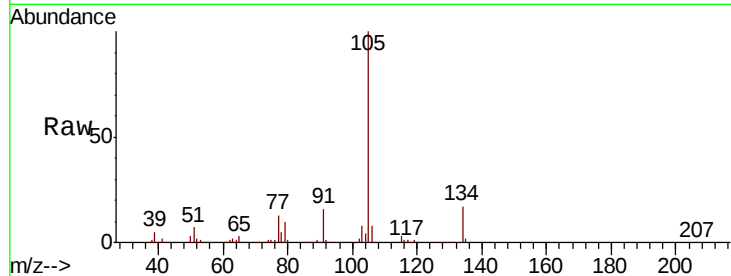
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





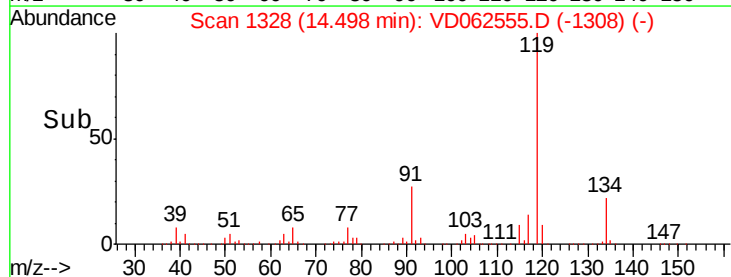
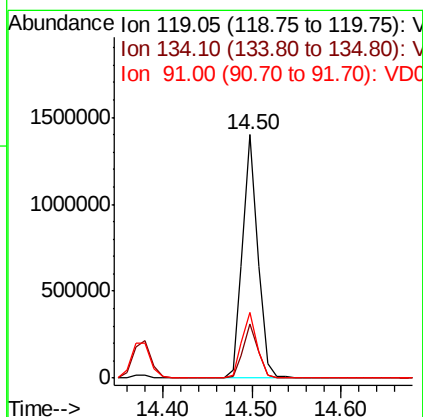
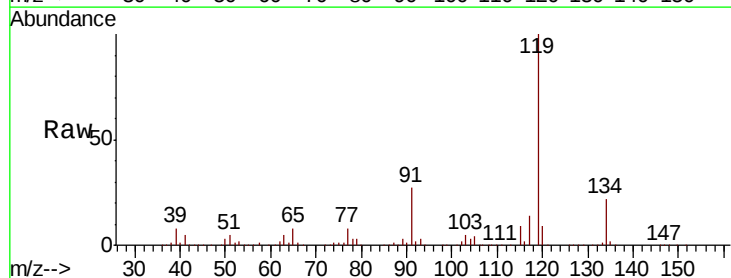
#85
 sec-Butylbenzene
 Concen: 51.580 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

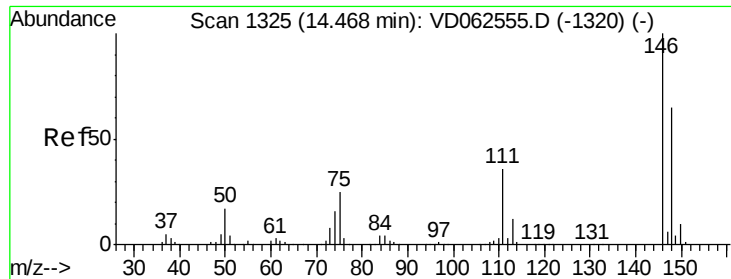
Tot Ion:105 Resp: 1786331
 Ion Ratio Lower Upper
 105 100
 134 17.4 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 51.772 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

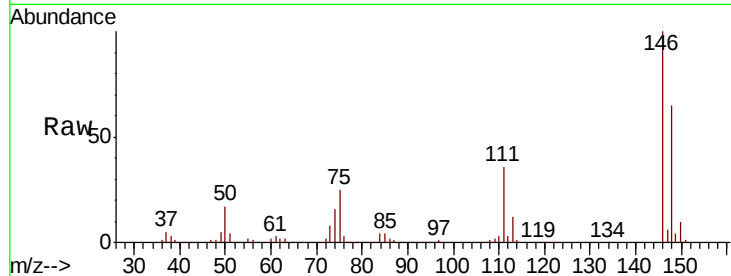
Tgt Ion:119 Resp: 1686335
 Ion Ratio Lower Upper
 119 100
 134 22.4 11.2 33.6
 91 27.1 13.6 40.7



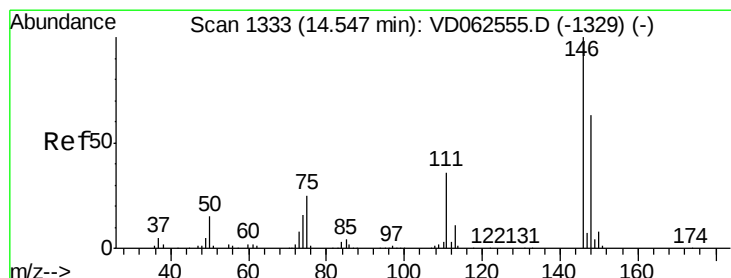
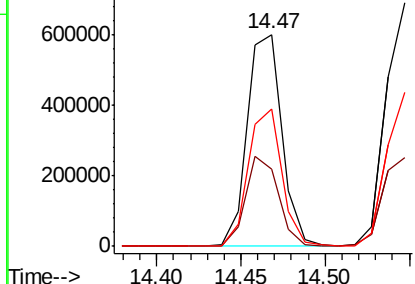
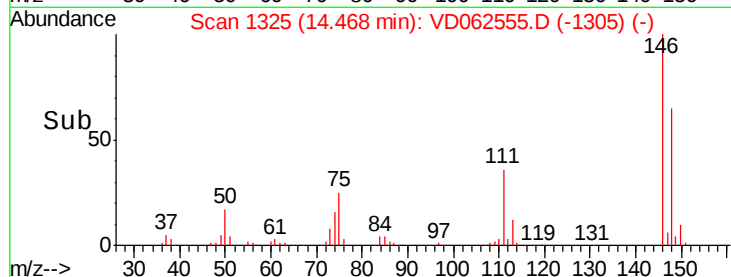


#87
 1,3-Dichlorobenzene
 Concen: 51.953 ug/l
 RT: 14.47 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.4
148	64.6	32.3	96.9

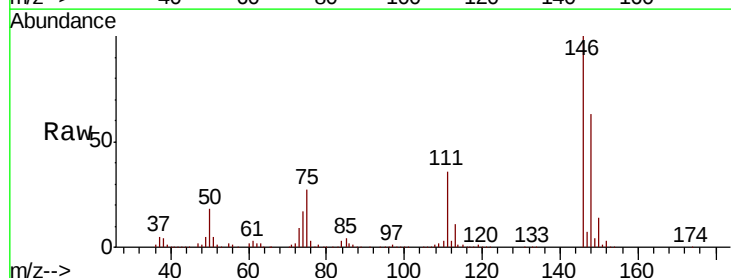


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

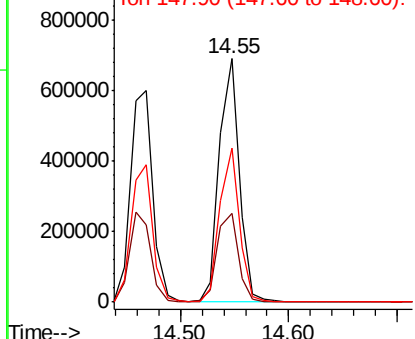
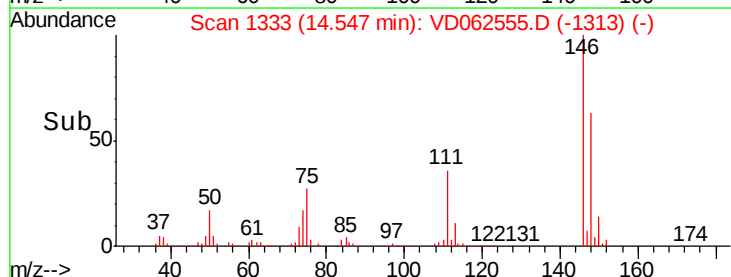


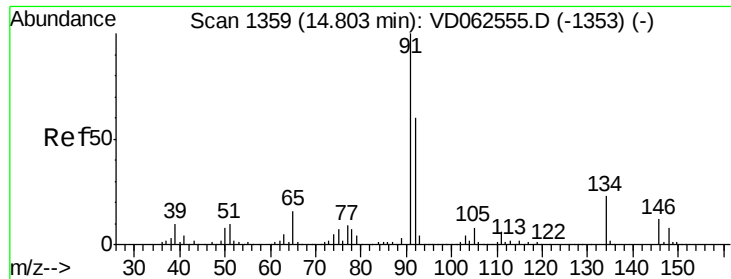
#88
 1,4-Dichlorobenzene
 Concen: 54.693 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.2	54.6
148	63.2	31.6	94.8



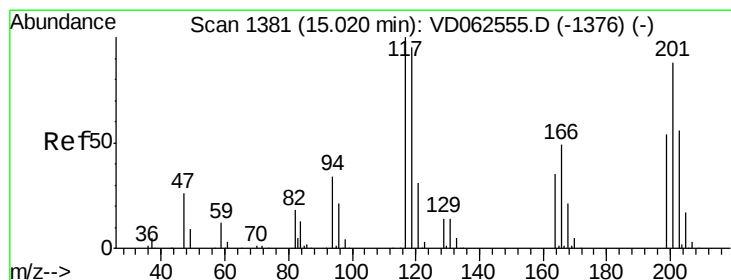
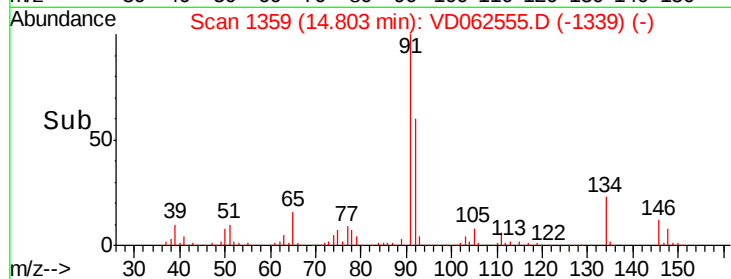
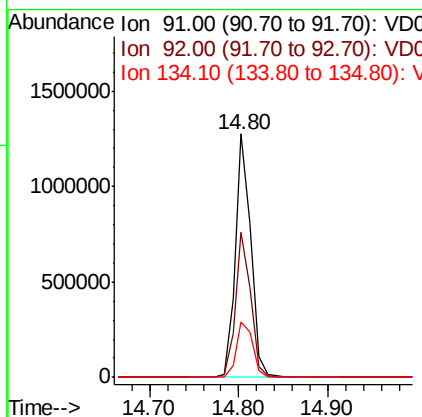
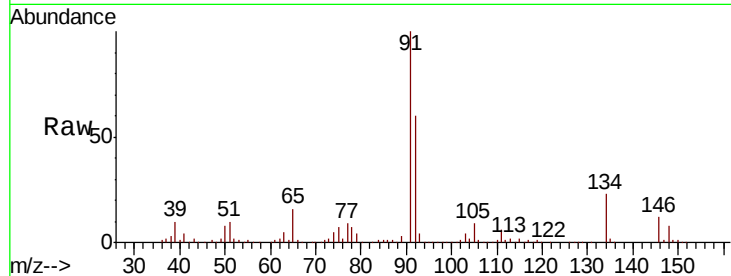
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





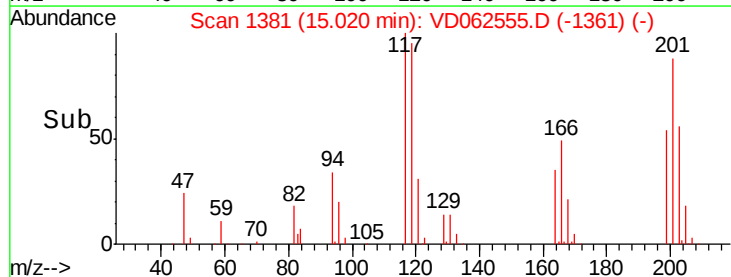
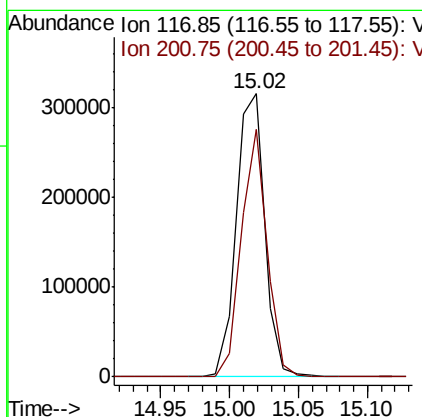
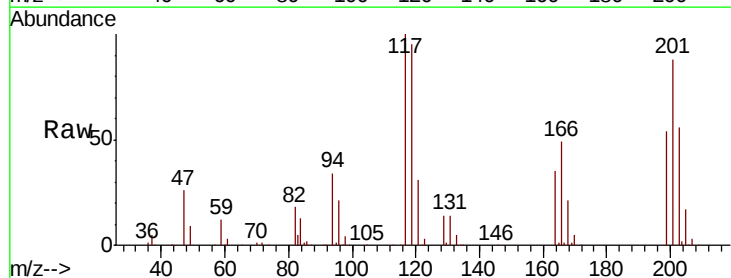
#89
n-Butylbenzene
Concen: 52.952 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

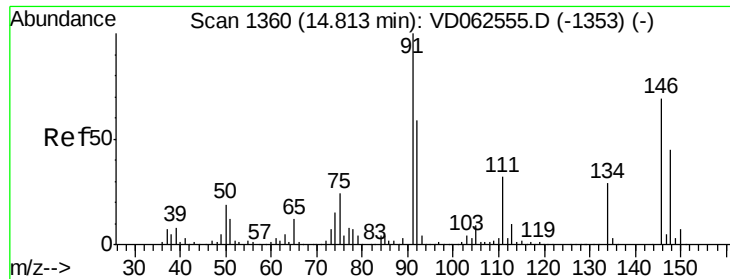
Tot Ion: 91 Resp: 1569431
Ion Ratio Lower Upper
91 100
92 59.6 29.8 89.4
134 22.5 11.3 33.8



#90
Hexachloroethane
Concen: 52.152 ug/l
RT: 15.02 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VD062555.D
Acq: 30 May 2019 15:54

Tgt Ion: 117 Resp: 453972
Ion Ratio Lower Upper
117 100
201 87.6 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 51.613 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

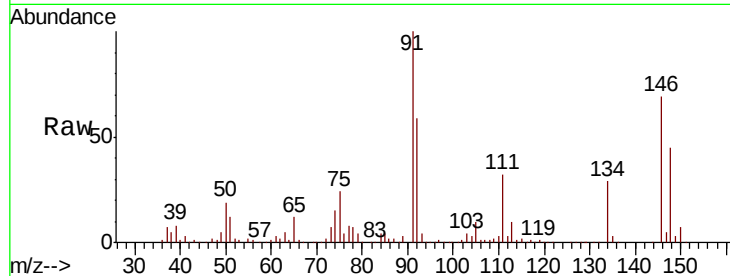
Tot Ion:146 Resp: 731186

Ion Ratio Lower Upper

146 100

111 45.6 22.8 68.4

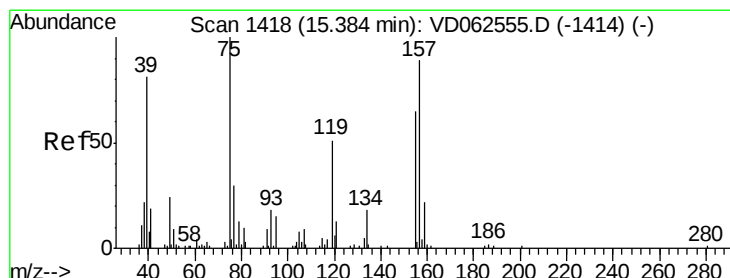
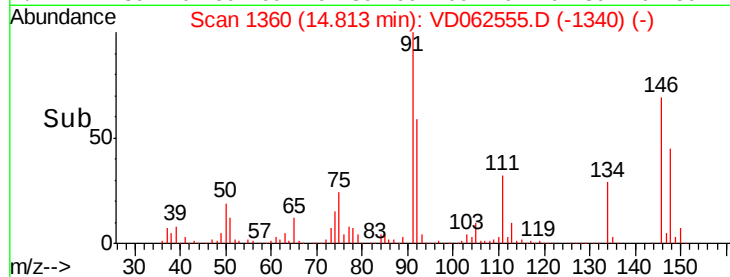
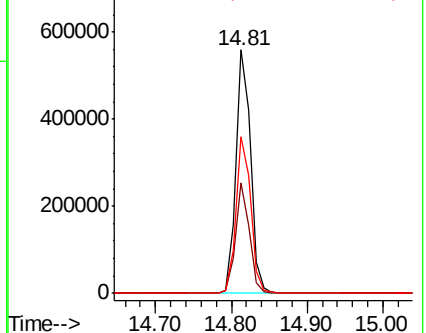
148 64.6 32.3 96.9



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: 59.760 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

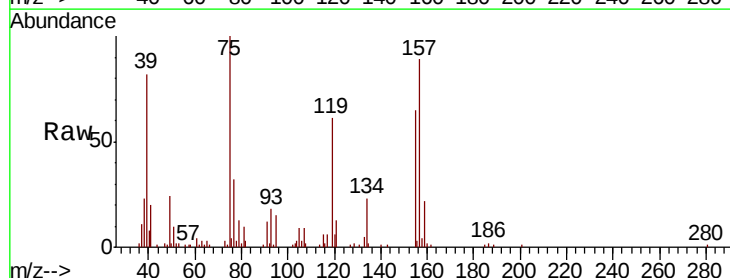
Tgt Ion: 75 Resp: 67624

Ion Ratio Lower Upper

75 100

155 65.2 32.6 97.8

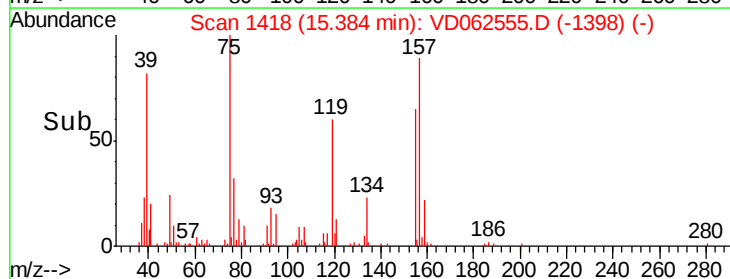
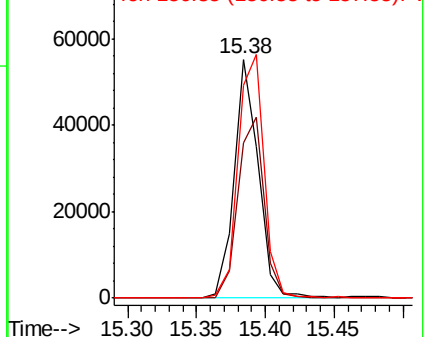
157 89.1 44.5 133.7

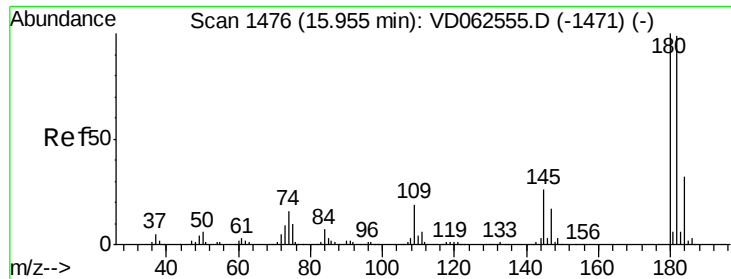


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

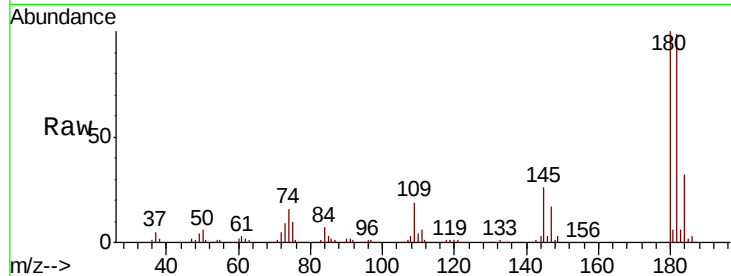
Ion 156.85 (156.55 to 157.55): V



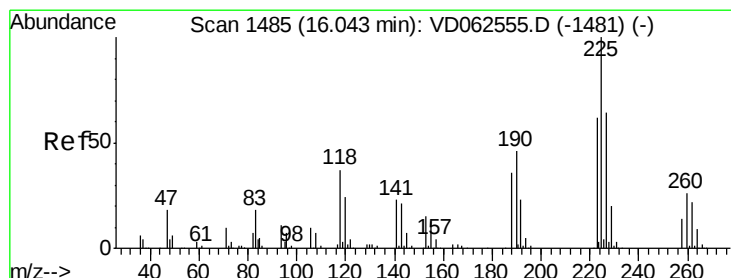
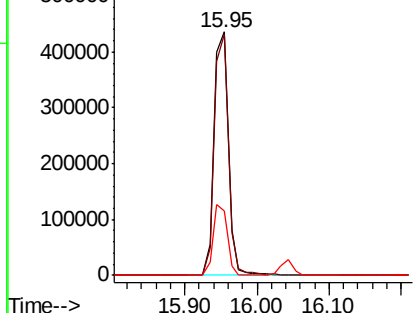
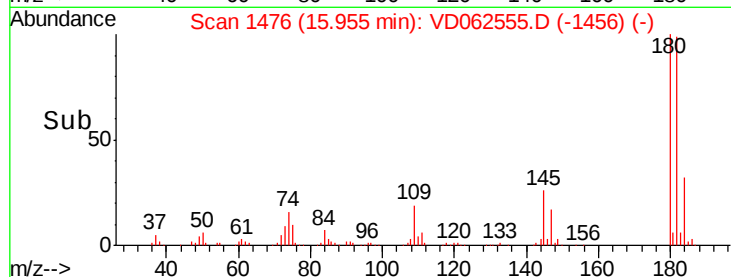


#93
 1,2,4-Trichlorobenzene
 Concen: 54.336 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	49.5	148.3
145	26.2	13.1	39.3

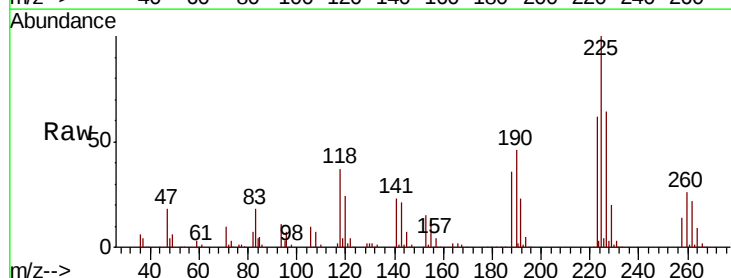


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

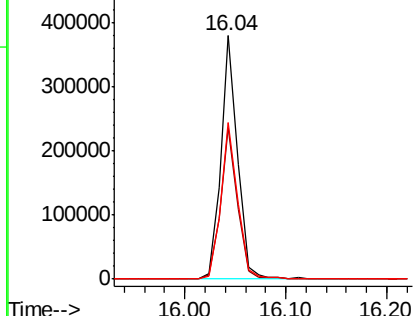
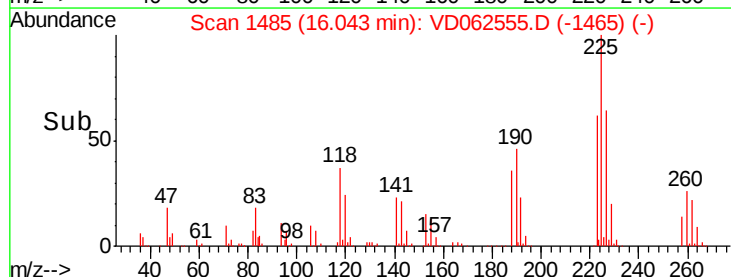


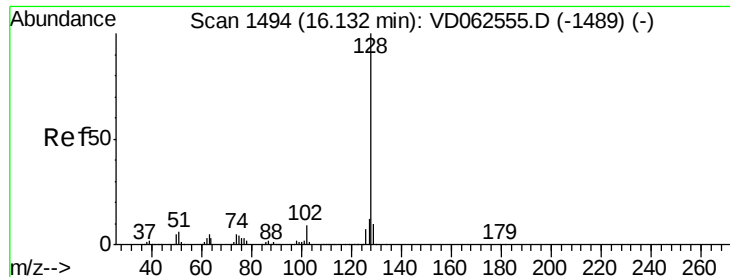
#94
 Hexachlorobutadiene
 Concen: 55.019 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD062555.D
 Acq: 30 May 2019 15:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	31.1	93.5
227	64.3	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: 53.588 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

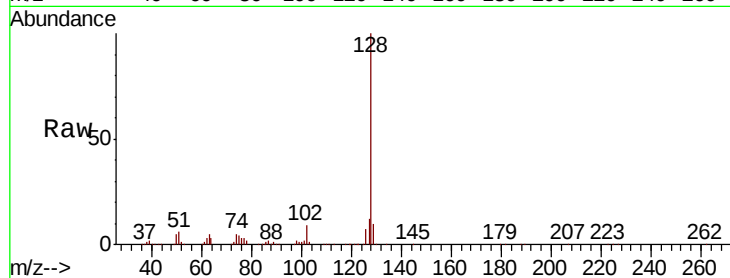
Tot Ion:128 Resp: 827575

Ion Ratio Lower Upper

128 100

127 12.1 9.7 14.5

129 10.2 8.2 12.2

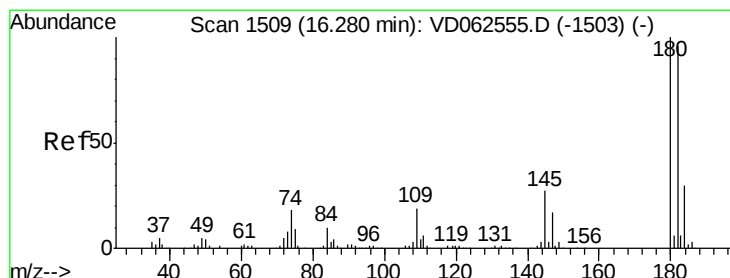
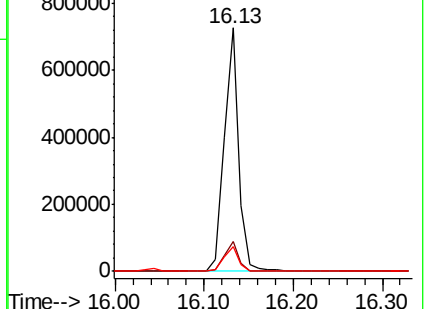
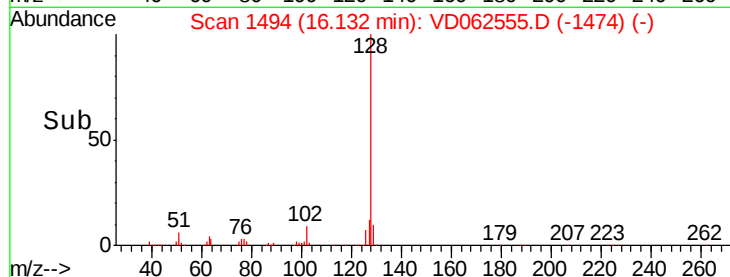


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

16.13



#96

1,2,3-Trichlorobenzene

Concen: 53.602 ug/l

RT: 16.28 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VD062555.D

Acq: 30 May 2019 15:54

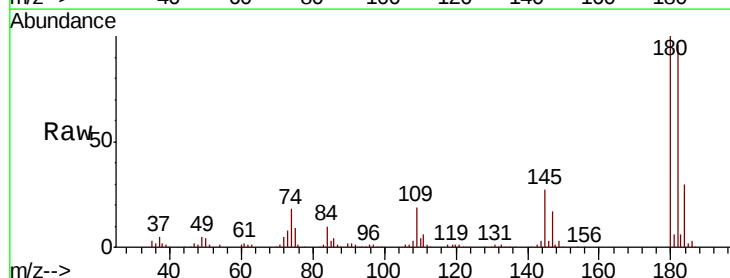
Tgt Ion:180 Resp: 442140

Ion Ratio Lower Upper

180 100

182 96.2 48.1 144.3

145 26.6 13.3 39.9



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

16.28

