

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062552.D
 Acq On : 30 May 2019 13:54
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 31 01:14:43 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	867433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1254094	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	981108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	507883	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	1067636	104.87	ug/l	0.00
Spiked Amount			Recovery	=	209.74%	
35) Dibromofluoromethane	6.94	113	1167568	100.75	ug/l	0.00
Spiked Amount			Recovery	=	201.50%	
50) Toluene-d8	10.42	98	2471300	98.40	ug/l	0.00
Spiked Amount			Recovery	=	196.80%	
62) 4-Bromofluorobenzene	13.56	95	1112592	98.81	ug/l	0.00
Spiked Amount			Recovery	=	197.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.57	85	973768	94.217	ug/l	96
3) Chloromethane	1.74	50	963408	81.741	ug/l	99
4) Vinyl Chloride	1.85	62	840405	105.798	ug/l	96
5) Bromomethane	2.14	94	246954	101.306	ug/l	98
6) Chloroethane	2.25	64	355259	93.786	ug/l	98
7) Trichlorofluoromethane	2.53	101	1699991	102.442	ug/l	99
8) Diethyl Ether	2.87	74	249422	116.979	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.14	101	1030751	105.001	ug/l #	87
10) Methyl Iodide	3.30	142	1445254	134.821	ug/l	95
11) Tert butyl alcohol	4.09	59	234907	501.909	ug/l #	93
12) 1,1-Dichloroethene	3.12	96	746268	106.962	ug/l	98
13) Acrolein	3.04	56	94585	466.893	ug/l	89
14) Allyl chloride	3.62	41	1200208	109.880	ug/l	99
15) Acrylonitrile	4.21	53	566645	537.498	ug/l	96
16) Acetone	3.23	43	1077148	512.997	ug/l	99
17) Carbon Disulfide	3.37	76	2414504	108.906	ug/l	98
18) Methyl Acetate	3.65	43	321449	94.112	ug/l	94
19) Methyl tert-butyl Ether	4.25	73	1722994	101.387	ug/l	99
20) Methylene Chloride	3.82	84	759545	103.214	ug/l	98
21) trans-1,2-Dichloroethene	4.22	96	837566	105.887	ug/l	97
22) Diisopropyl ether	5.14	45	2410116	109.608	ug/l	98
23) Vinyl Acetate	5.07	43	7382917	551.707	ug/l	99
24) 1,1-Dichloroethane	4.99	63	1558621	108.502	ug/l	99
25) 2-Butanone	6.08	43	1063306	551.043	ug/l	94
26) 2,2-Dichloropropane	6.03	77	1668505	106.977	ug/l	99
27) cis-1,2-Dichloroethene	6.04	96	877837	107.738	ug/l	98
28) Bromochloromethane	6.45	49	470992	98.859	ug/l	97
29) Tetrahydrofuran	6.47	42	470647	530.518	ug/l	98
30) Chloroform	6.67	83	1851071	107.090	ug/l	97
31) Cyclohexane	6.97	56	1066242	112.039	ug/l	93
32) 1,1,1-Trichloroethane	6.88	97	1927660	109.209	ug/l	98
36) 1,1-Dichloropropene	7.15	75	1267287	99.639	ug/l	97
37) Ethyl Acetate	6.20	43	515284	90.727	ug/l	97
38) Carbon Tetrachloride	7.12	117	1937597	100.861	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062552.D
 Acq On : 30 May 2019 13:54
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 31 01:14:43 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

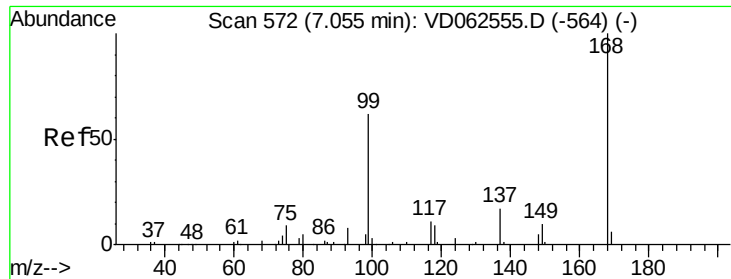
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	1164655	109.305	ug/l	96
40) Benzene	7.46	78	2609632	104.451	ug/l	99
41) Methacrylonitrile	6.46	41	655447	102.956	ug/l #	89
42) 1,2-Dichloroethane	7.59	62	1452259	104.116	ug/l	99
43) Isopropyl Acetate	9.25	43	719659	106.868	ug/l #	98
44) Trichloroethene	8.55	130	1041327	104.128	ug/l	97
45) 1,2-Dichloropropane	8.96	63	641318	104.500	ug/l	99
46) Dibromomethane	9.07	93	531957	103.919	ug/l	95
47) Bromodichloromethane	9.39	83	1408217	99.035	ug/l	100
48) Methyl methacrylate	9.13	41	446413	96.477	ug/l	92
49) 1,4-Dioxane	9.09	88	78284	2084.060	ug/l	93
51) 4-Methyl-2-Pentanone	10.31	43	2337121	490.588	ug/l	98
52) Toluene	10.52	92	1755437	103.277	ug/l	100
53) t-1,3-Dichloropropene	10.92	75	1221361	100.474	ug/l	98
54) cis-1,3-Dichloropropene	10.05	75	1275835	101.535	ug/l	97
55) 1,1,2-Trichloroethane	11.20	97	554508	98.107	ug/l	96
56) Ethyl methacrylate	11.05	69	694570	116.186	ug/l	93
57) 1,3-Dichloropropane	11.42	76	868924	101.503	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.87	63	1405810	453.715	ug/l	100
59) 2-Hexanone	11.54	43	1663341	499.729	ug/l	97
60) Dibromochloromethane	11.69	129	1128107	102.885	ug/l	97
61) 1,2-Dibromoethane	11.81	107	701243	104.848	ug/l	99
64) Tetrachloroethene	11.27	164	946705	106.619	ug/l	96
65) Chlorobenzene	12.41	112	2046896	103.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.52	131	940344	101.424	ug/l	97
67) Ethyl Benzene	12.53	91	3525216	98.618	ug/l	97
68) m/p-Xylenes	12.68	106	2446225	201.506	ug/l	97
69) o-Xylene	13.06	106	1194560	101.547	ug/l	100
70) Styrene	13.08	104	2049454	103.056	ug/l	97
71) Bromoform	13.24	173	703988	109.063	ug/l #	94
73) Isopropylbenzene	13.41	105	3746961	110.961	ug/l	99
74) N-amyl acetate	13.28	43	1017021	117.226	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.71	83	633100	114.402	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	720268	112.318	ug/l	98
77) Bromobenzene	13.68	156	1047380	110.801	ug/l	100
78) n-propylbenzene	13.78	91	4337046	110.213	ug/l	98
79) 2-Chlorotoluene	13.85	91	2400236	104.186	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	3013108	102.868	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.47	75	203830	117.490	ug/l	90
82) 4-Chlorotoluene	13.96	91	2949499	106.462	ug/l	99
83) tert-Butylbenzene	14.19	119	3598529	111.675	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	3117272	106.446	ug/l	97
85) sec-Butylbenzene	14.37	105	3549877	103.299	ug/l	96
86) p-Isopropyltoluene	14.50	119	3297509	102.023	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	1759136	106.607	ug/l	95
88) 1,4-Dichlorobenzene	14.55	146	1664505	102.855	ug/l	98
89) n-Butylbenzene	14.80	91	2867289	97.494	ug/l	99
90) Hexachloroethane	15.01	117	964971	111.716	ug/l	73
91) 1,2-Dichlorobenzene	14.81	146	1374063	97.746	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.38	75	132033	117.586	ug/l	91

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053019\
Data File : VD062552.D
Acq On : 30 May 2019 13:54
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 31 01:14:43 2019
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.94	180	1244326	114.627	ug/l	94
94) Hexachlorobutadiene	16.04	225	893384	112.199	ug/l	99
95) Naphthalene	16.13	128	1686489	110.055	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	944119	115.348	ug/l	99

(#) = 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: VD062552.D

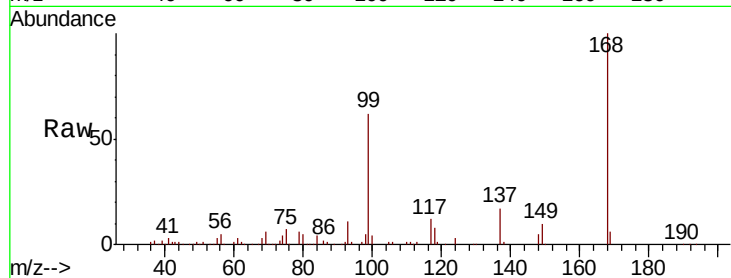
Acq: 30 May 2019 13:54

Tot Ion:168 Resp: 867433

Ion Ratio Lower Upper

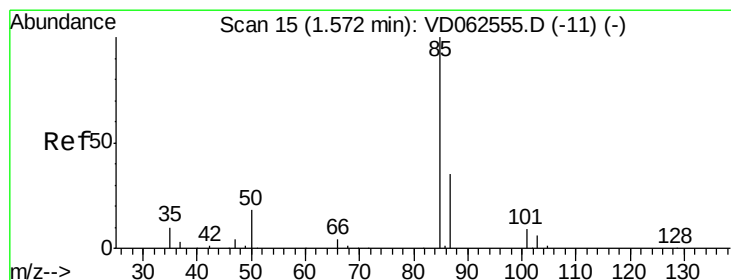
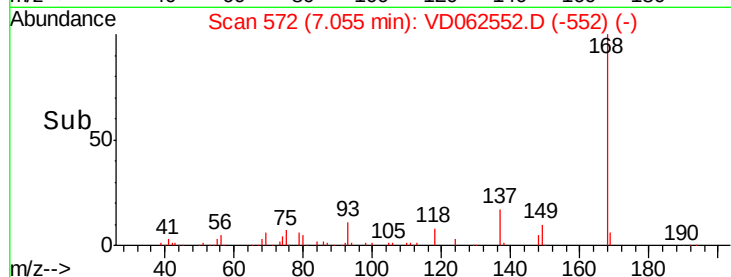
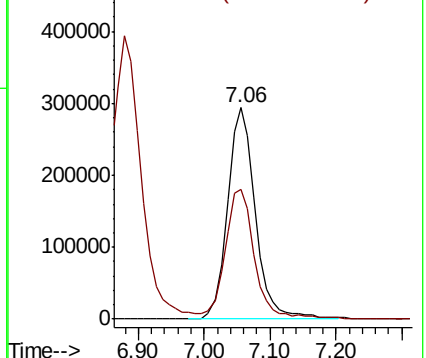
168 100

99 61.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 94.217 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.00 min

Lab File: VD062552.D

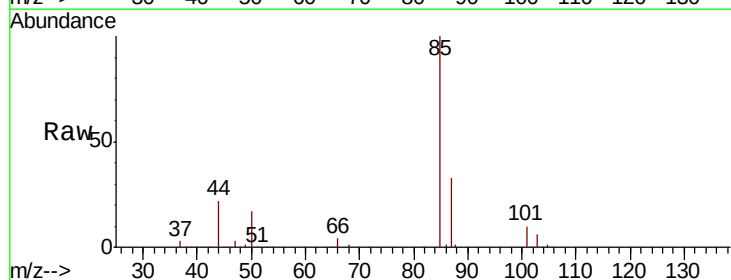
Acq: 30 May 2019 13:54

Tgt Ion: 85 Resp: 973768

Ion Ratio Lower Upper

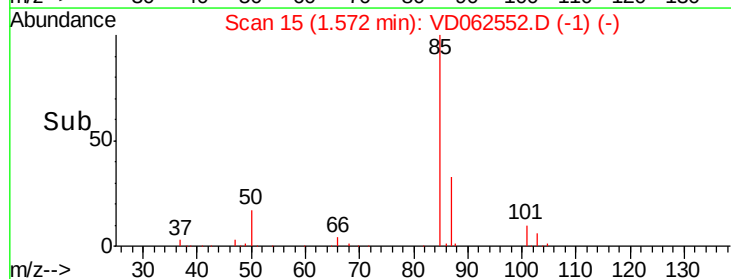
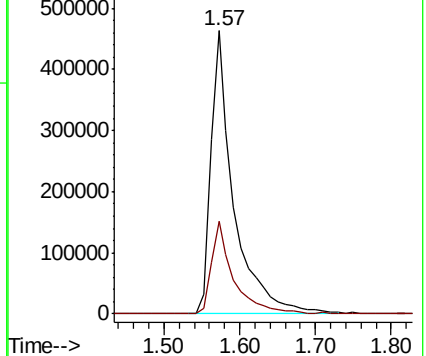
85 100

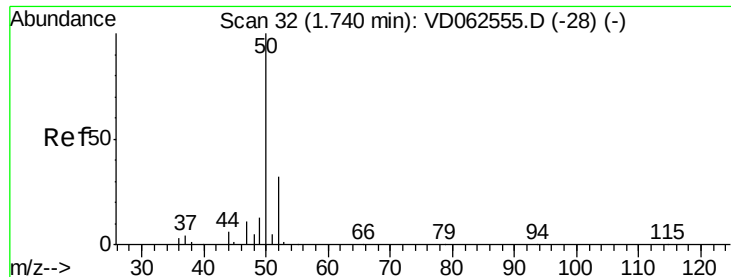
87 32.5 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 81.741 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.00 min

Lab File: VD062552.D

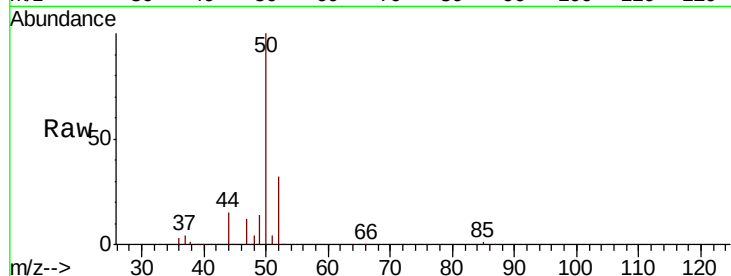
Acq: 30 May 2019 13:54

Tot Ion: 50 Resp: 963408

Ion Ratio Lower Upper

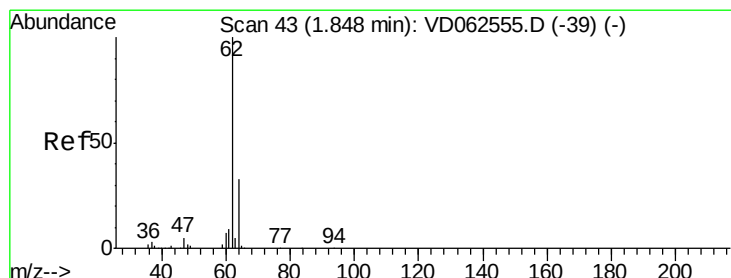
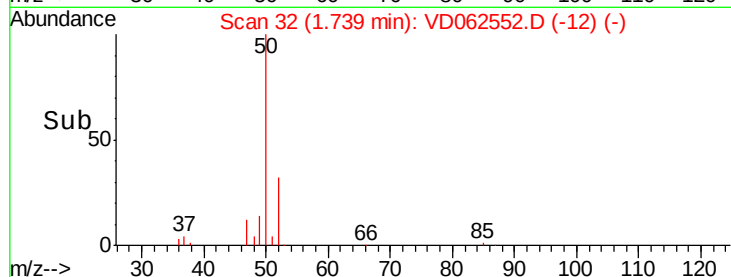
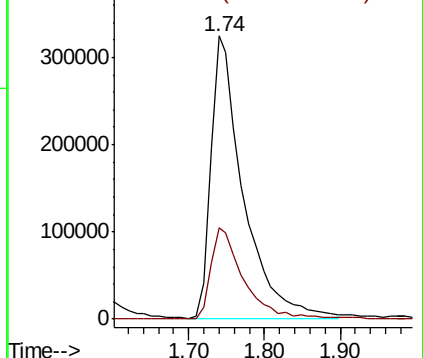
50 100

52 32.5 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: 105.798 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.00 min

Lab File: VD062552.D

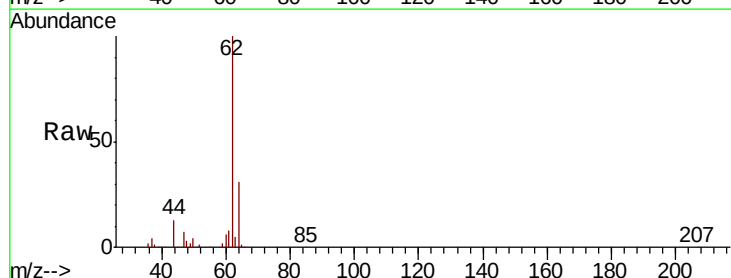
Acq: 30 May 2019 13:54

Tgt Ion: 62 Resp: 840405

Ion Ratio Lower Upper

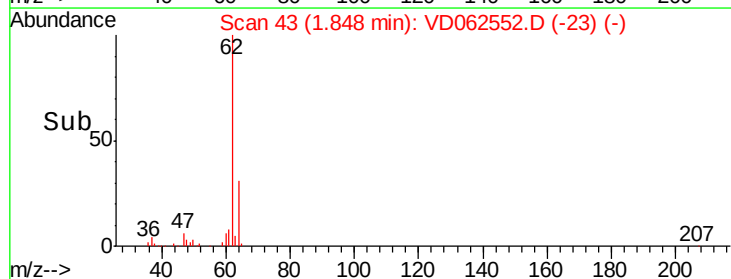
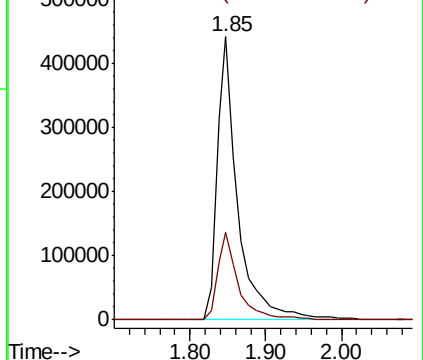
62 100

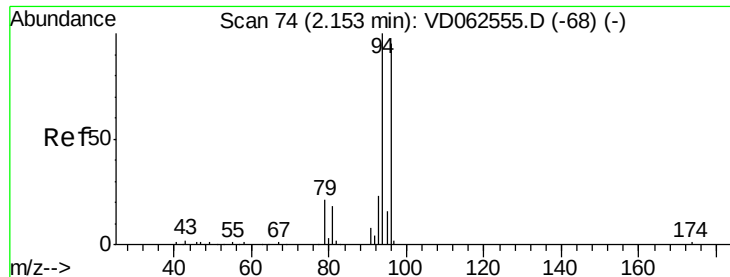
64 31.0 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 101.306 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

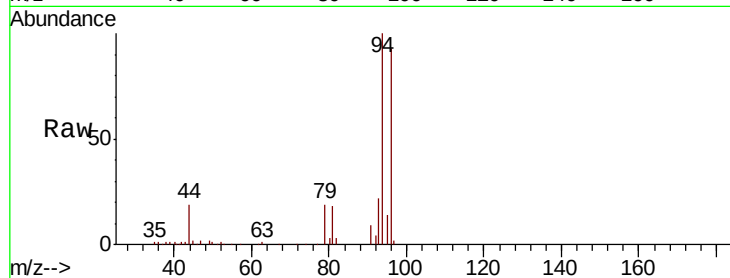
Tot Ion: 94 Resp: 246954

Ion Ratio Lower Upper

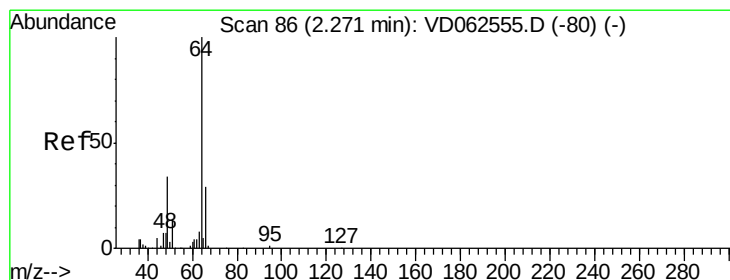
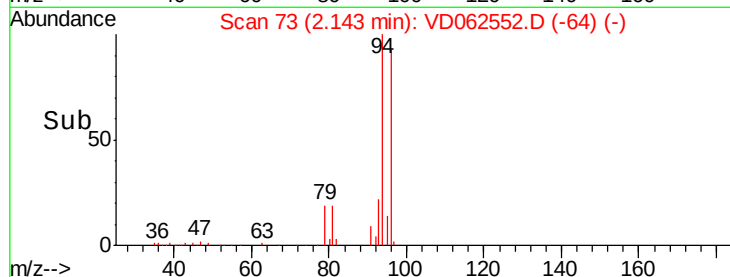
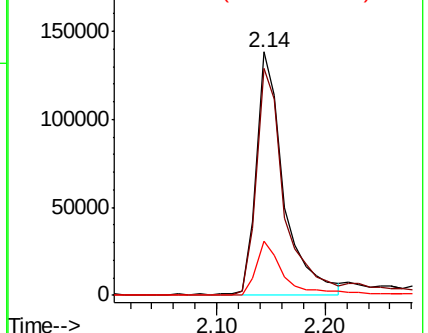
94 100

96 93.0 76.2 114.4

93 22.4 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: 93.786 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.02 min

Lab File: VD062552.D

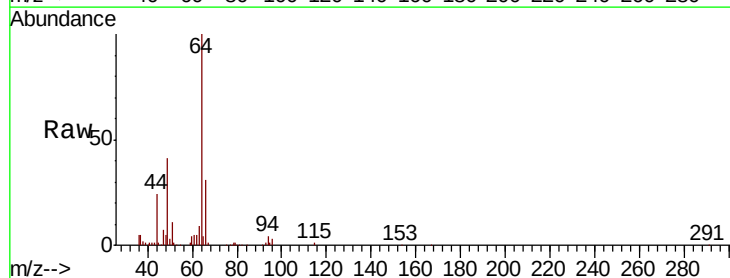
Acq: 30 May 2019 13:54

Tgt Ion: 64 Resp: 355259

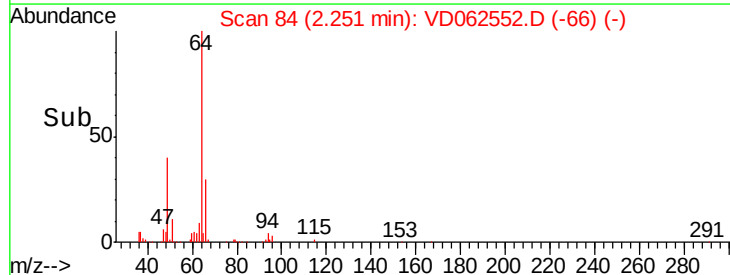
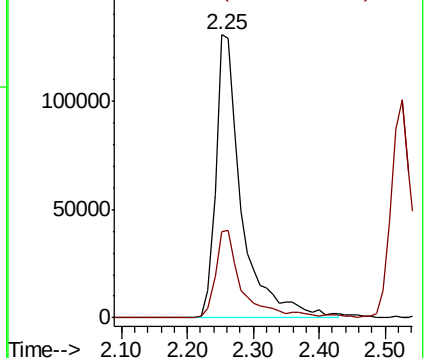
Ion Ratio Lower Upper

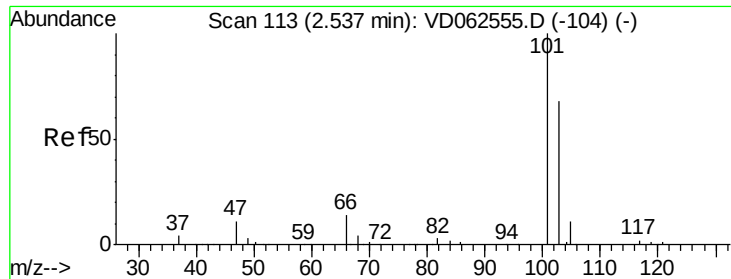
64 100

66 30.5 23.4 35.2



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

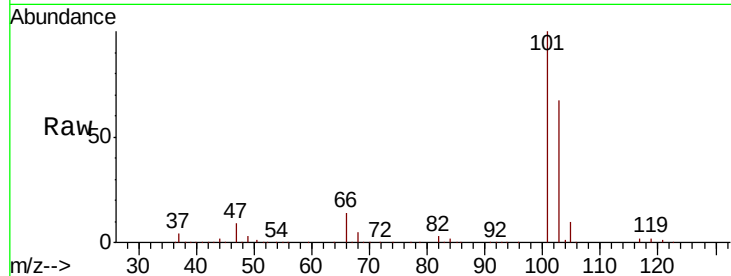




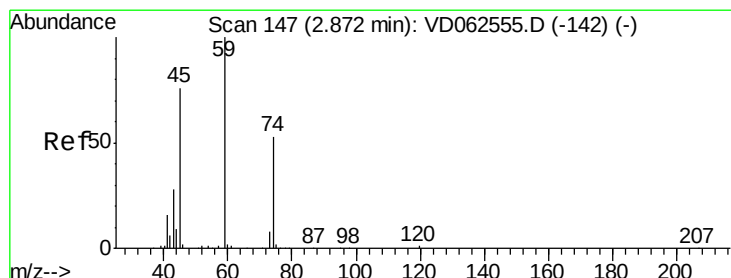
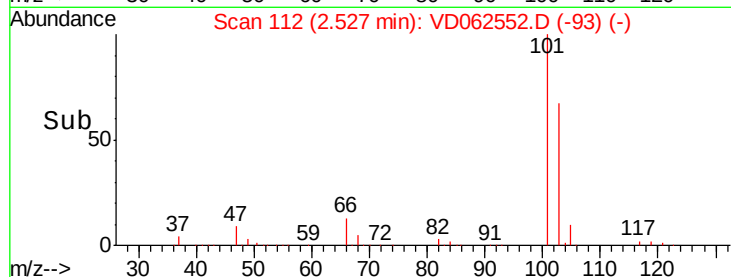
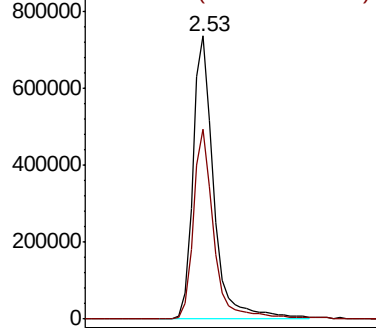
#7

Trichlorofluoromethane
Concen: 102.442 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion:101 Resp: 1699991
Ion Ratio Lower Upper
101 100
103 67.1 54.3 81.5



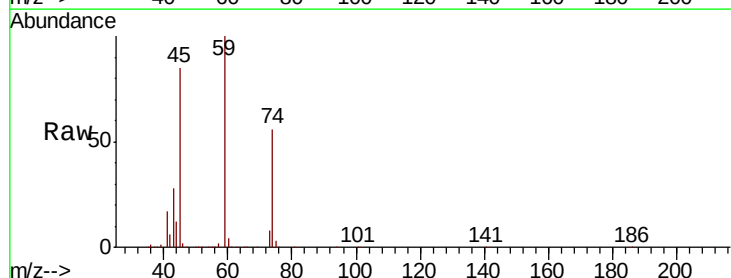
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



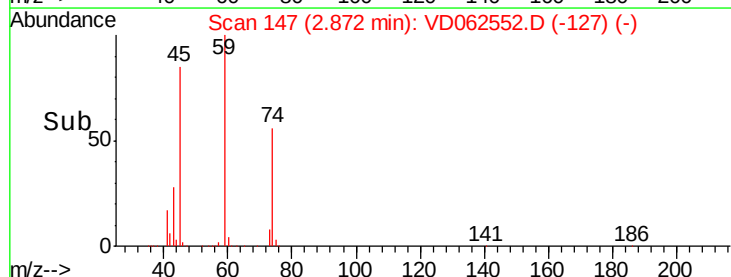
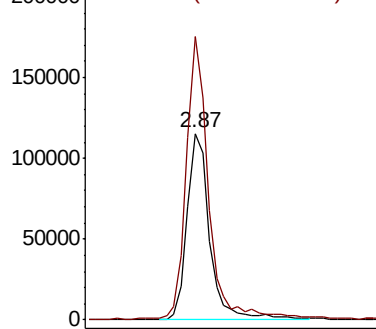
#8

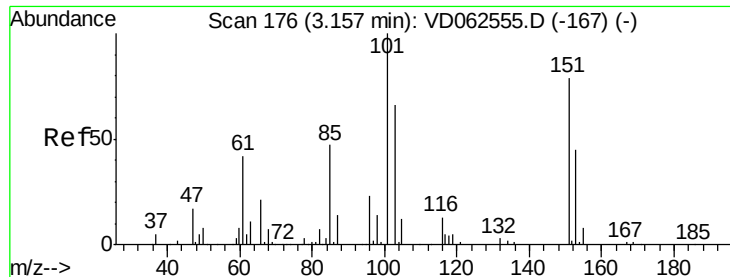
Diethyl Ether
Concen: 116.979 ug/l
RT: 2.87 min Scan# 147
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion: 74 Resp: 249422
Ion Ratio Lower Upper
74 100
45 151.6 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: 105.001 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

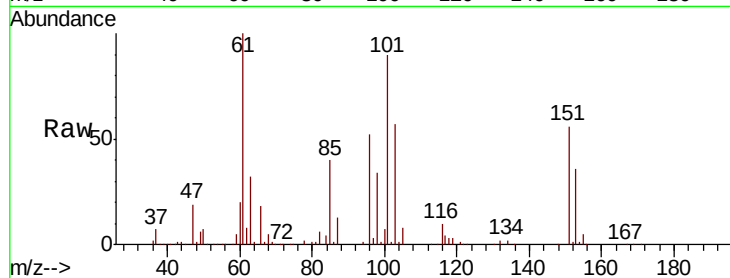
Tot Ion:101 Resp: 1030751

Ion Ratio Lower Upper

101 100

85 44.6 37.6 56.4

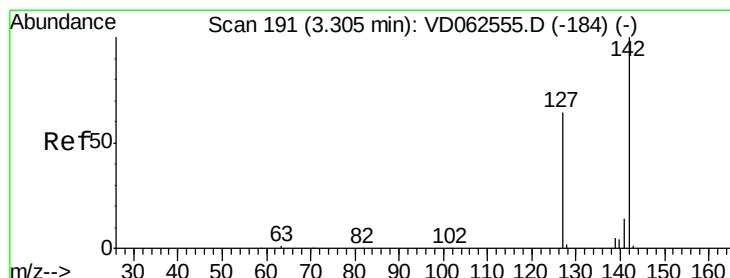
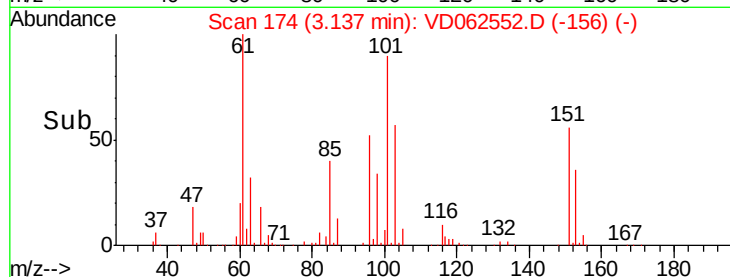
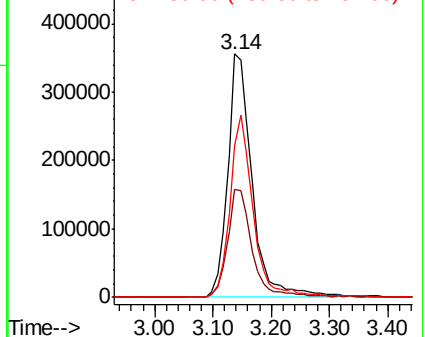
151 62.0 63.0 94.4#



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: 134.821 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

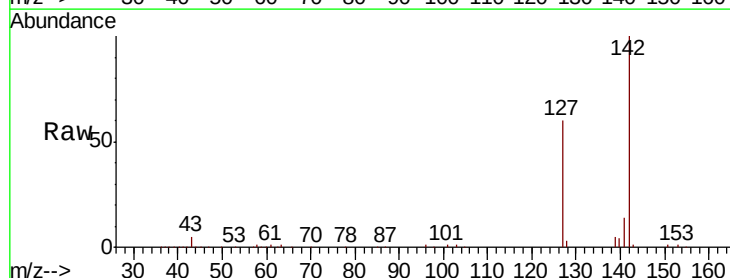
Tgt Ion:142 Resp: 1445254

Ion Ratio Lower Upper

142 100

127 59.8 51.2 76.8

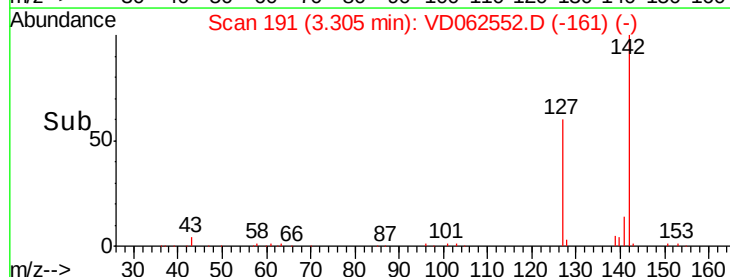
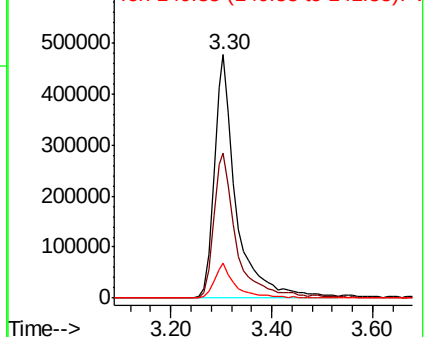
141 14.5 11.0 16.4

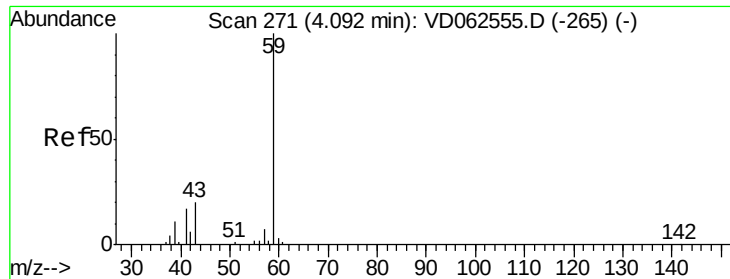


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

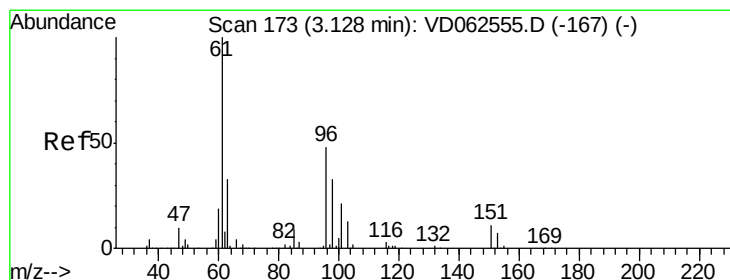
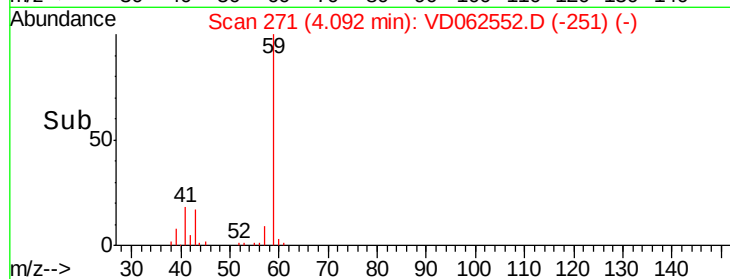
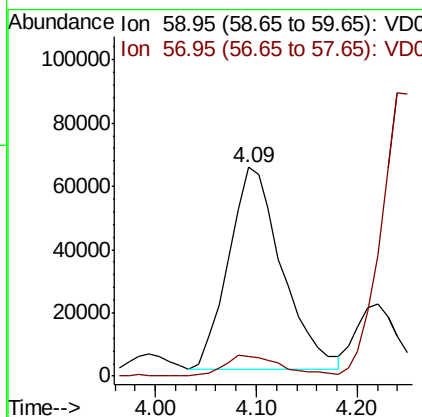
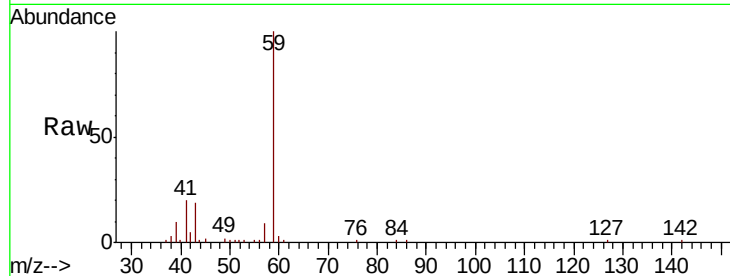
Ion 140.85 (140.55 to 141.55): V





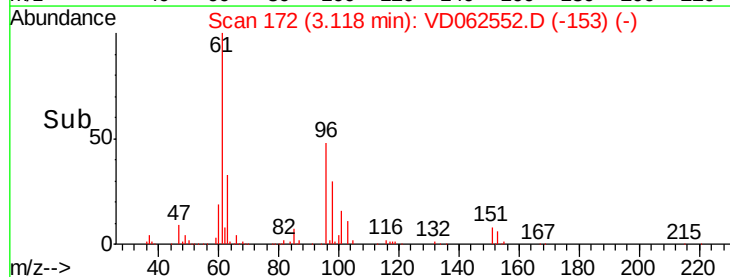
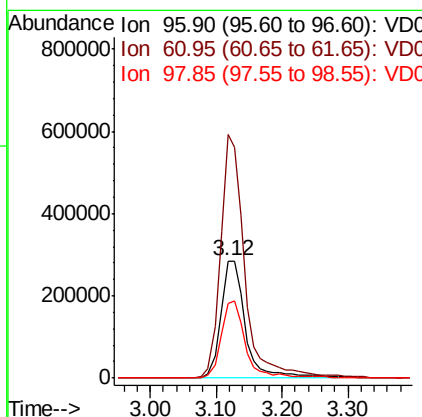
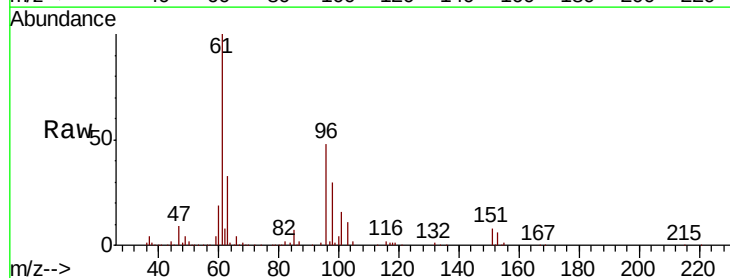
#11
Tert butyl alcohol
Concen: 501.909 ug/l
RT: 4.09 min Scan# 271
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

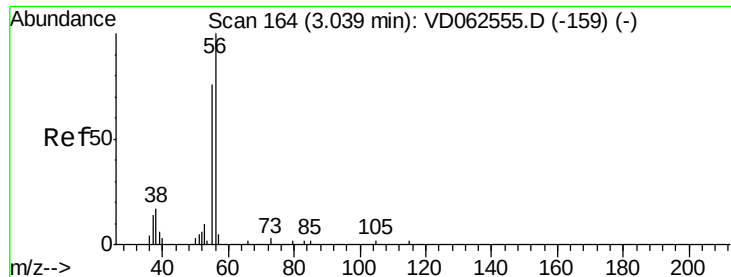
Tot Ion: 59 Resp: 234907
Ion Ratio Lower Upper
59 100
57 9.2 5.4 8.0#



#12
1,1-Dichloroethene
Concen: 106.962 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion: 96 Resp: 746268
Ion Ratio Lower Upper
96 100
61 207.4 166.6 250.0
98 63.3 54.4 81.6





#13

Acrolein

Concen: 466.893 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.00 min

Lab File: VD062552.D

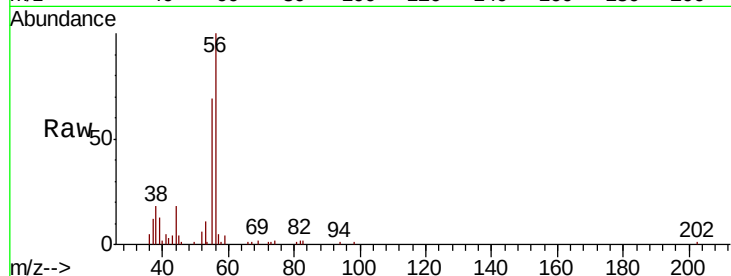
Acq: 30 May 2019 13:54

Tot Ion: 56 Resp: 94585

Ion Ratio Lower Upper

56 100

55 69.0 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.04

40000

30000

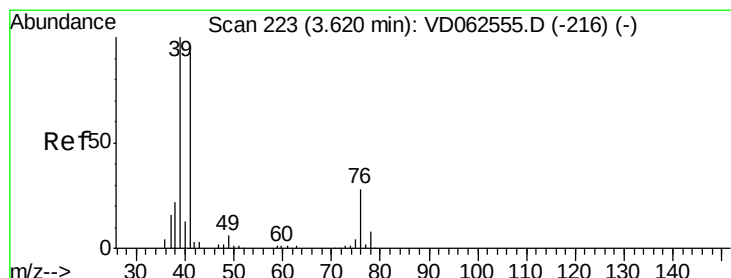
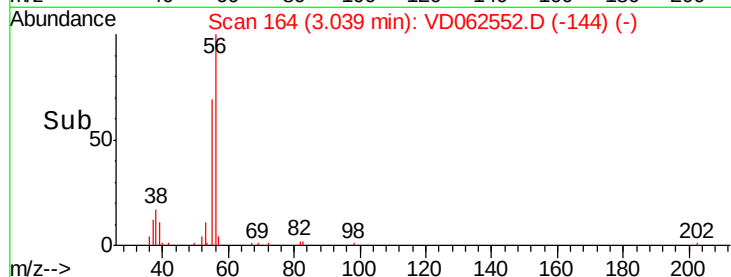
20000

10000

0

Time-->

2.90 3.00 3.10 3.20



#14

Allyl chloride

Concen: 109.880 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

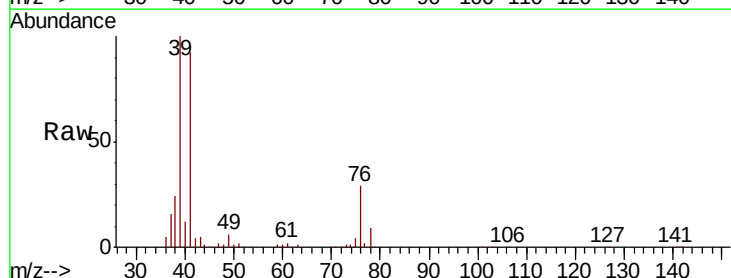
Tgt Ion: 41 Resp: 1200208

Ion Ratio Lower Upper

41 100

39 108.7 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

3.62

600000

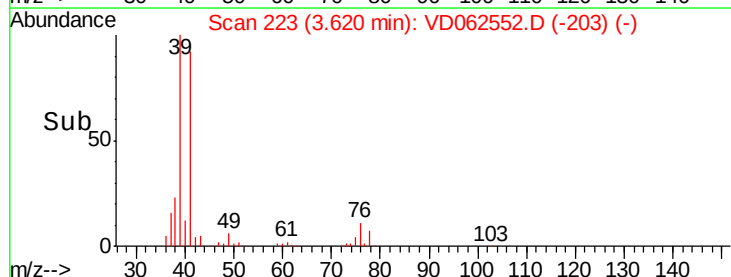
400000

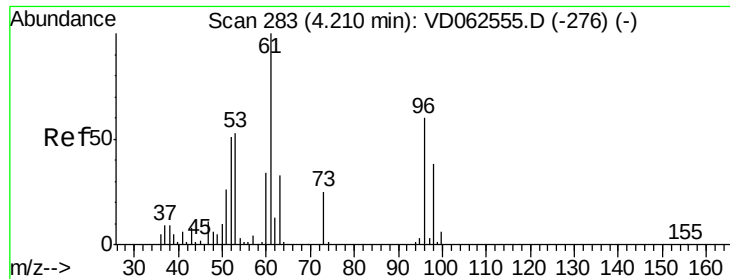
200000

0

Time-->

3.50 3.60 3.70 3.80





#15

Acrylonitrile

Concen: 537.498 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

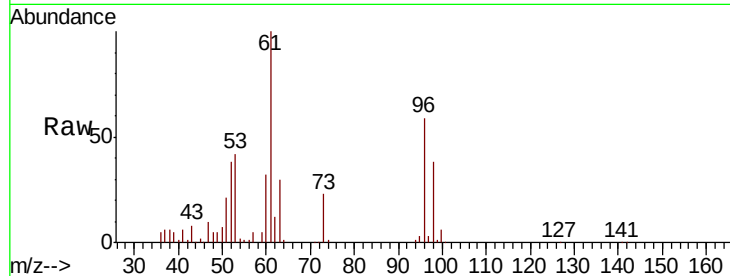
Tot Ion: 53 Resp: 566645

Ion Ratio Lower Upper

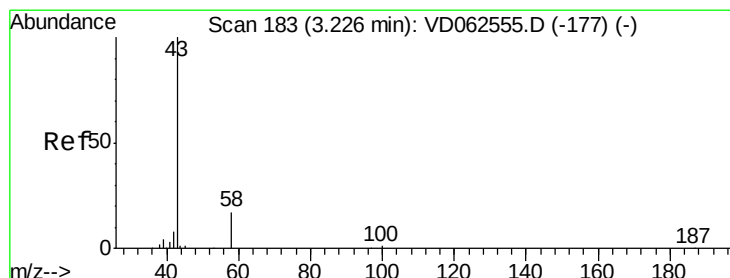
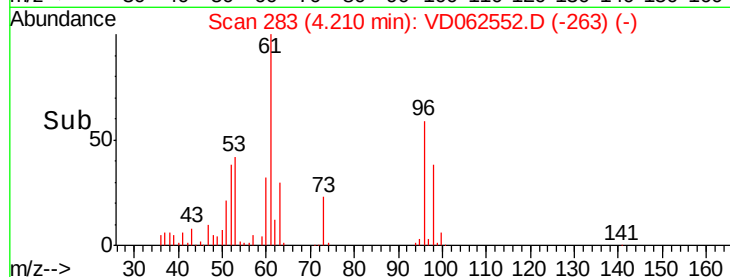
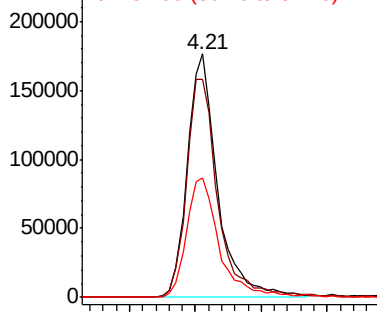
53 100

52 89.7 76.2 114.2

51 49.1 40.2 60.4



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



#16

Acetone

Concen: 512.997 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062552.D

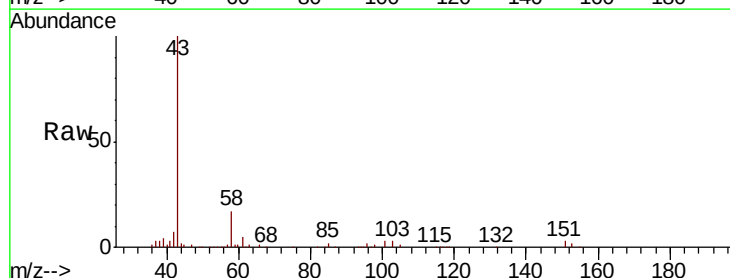
Acq: 30 May 2019 13:54

Tgt Ion: 43 Resp: 1077148

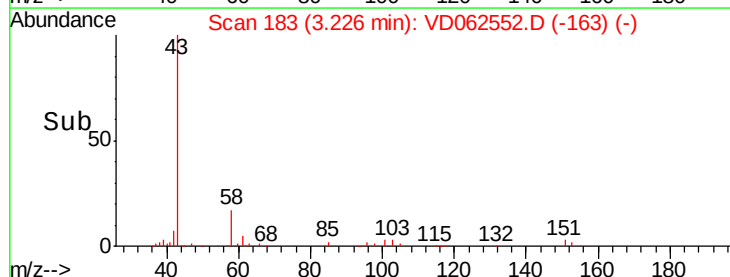
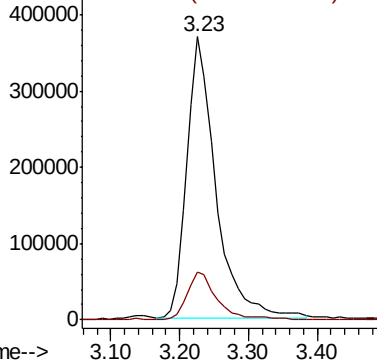
Ion Ratio Lower Upper

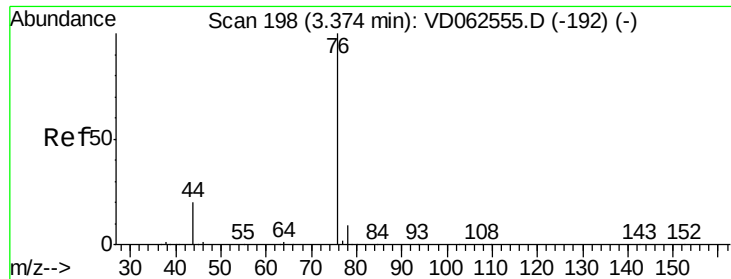
43 100

58 17.0 13.8 20.8



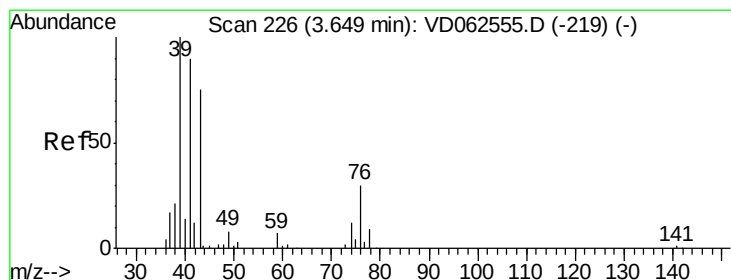
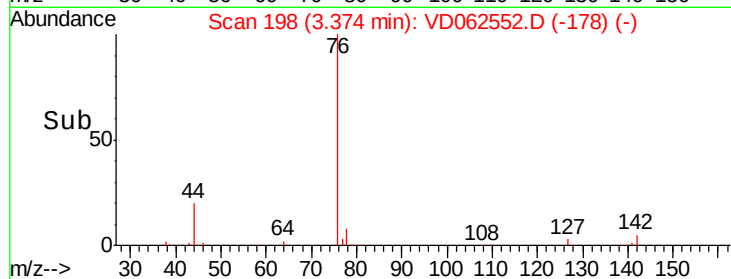
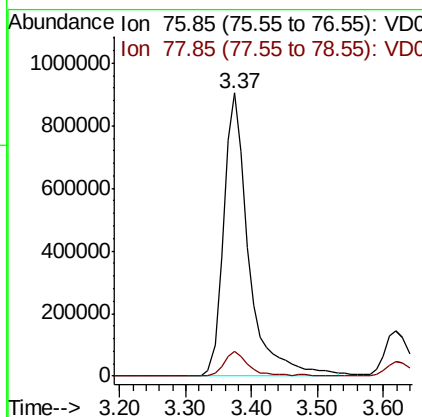
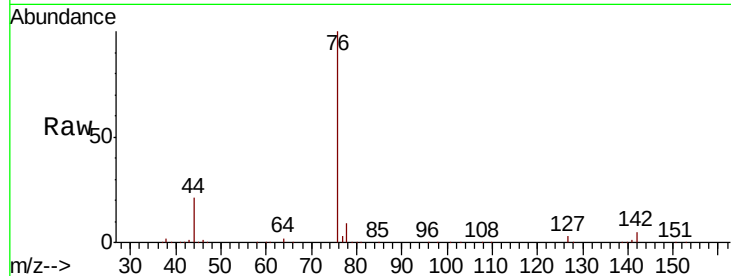
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC





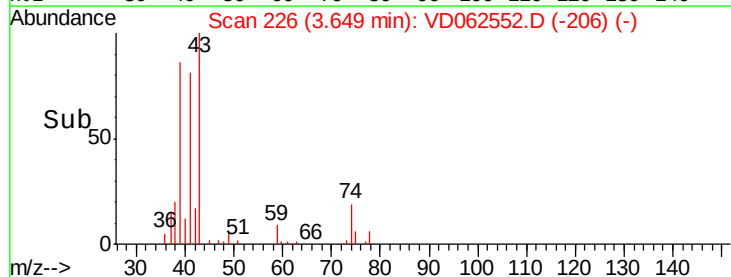
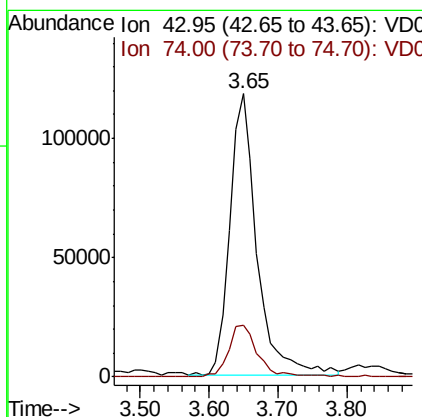
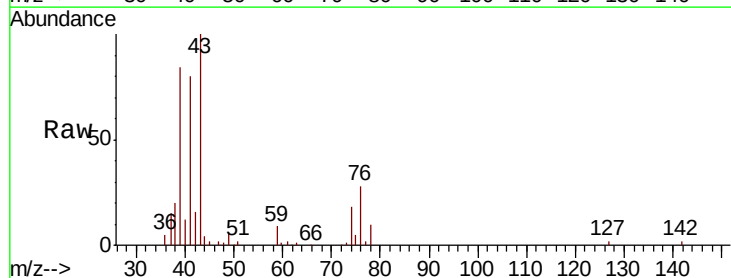
#17
 Carbon Disulfide
 Concen: 108.906 ug/l
 RT: 3.37 min Scan# 198
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

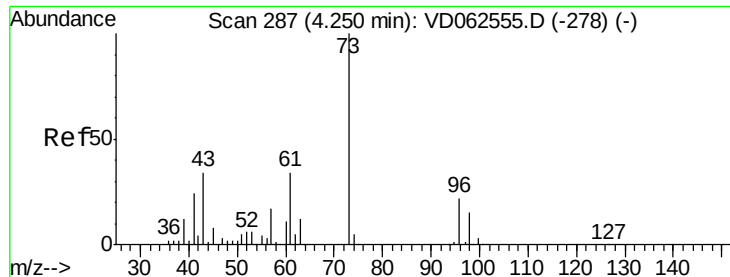
Tot Ion: 76 Resp: 2414504
 Ion Ratio Lower Upper
 76 100
 78 8.6 7.4 11.2



#18
 Methyl Acetate
 Concen: 94.112 ug/l
 RT: 3.65 min Scan# 226
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion: 43 Resp: 321449
 Ion Ratio Lower Upper
 43 100
 74 18.2 12.5 18.7



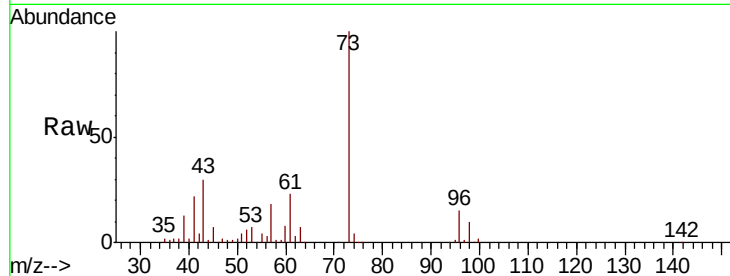


#19

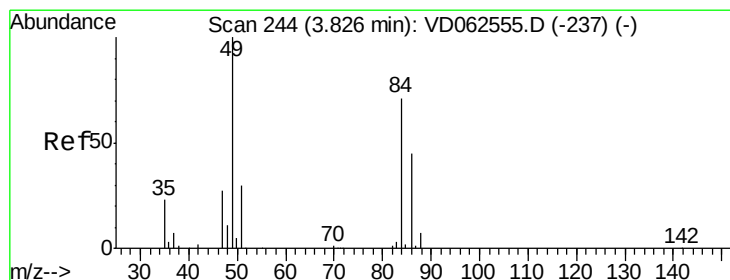
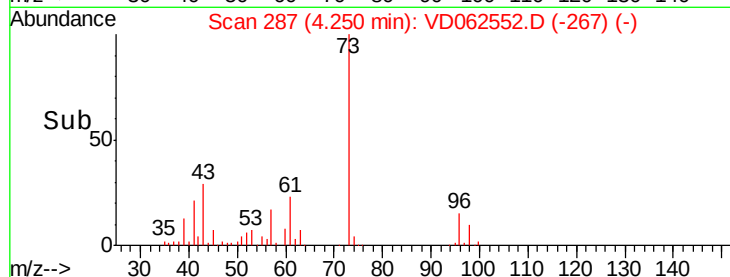
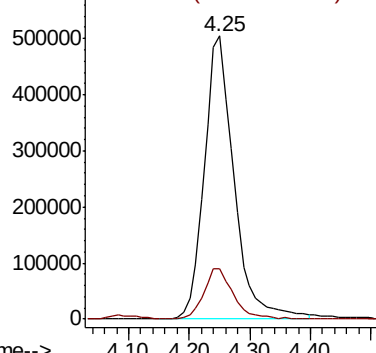
Methyl tert-butyl Ether
 Concen: 101.387 ug/l
 RT: 4.25 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion: 73 Resp: 1722994

Ion	Ratio	Lower	Upper
73	100		
57	17.6	13.8	20.8



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

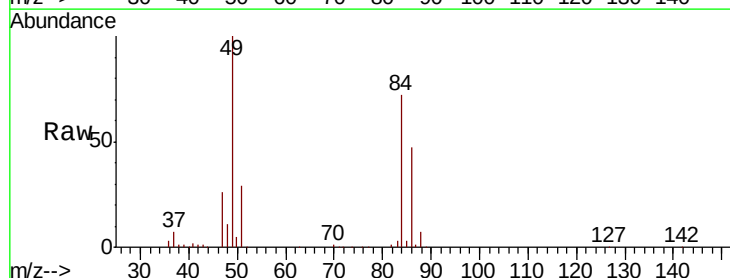


#20

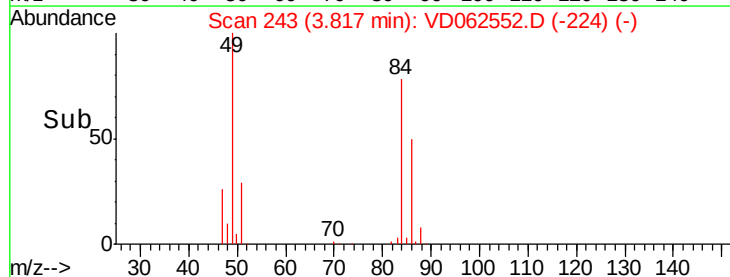
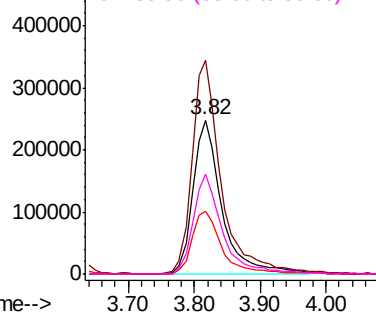
Methylene Chloride
 Concen: 103.214 ug/l
 RT: 3.82 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

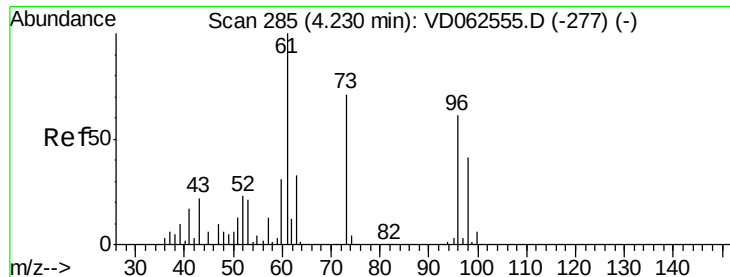
Tgt Ion: 84 Resp: 759545

Ion	Ratio	Lower	Upper
84	100		
49	138.6	112.3	168.5
51	40.8	33.6	50.4
86	64.8	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: 105.887 ug/l

RT: 4.22 min Scan# 284

Delta R.T. -0.01 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

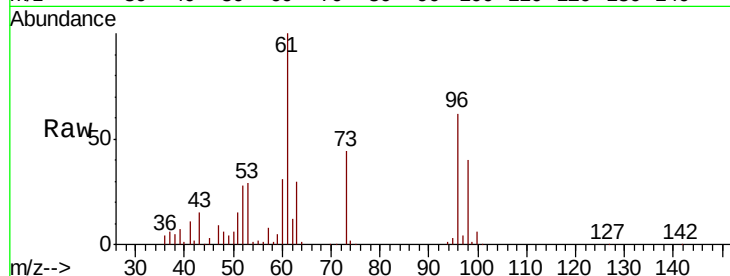
Tot Ion: 96 Resp: 837566

Ion Ratio Lower Upper

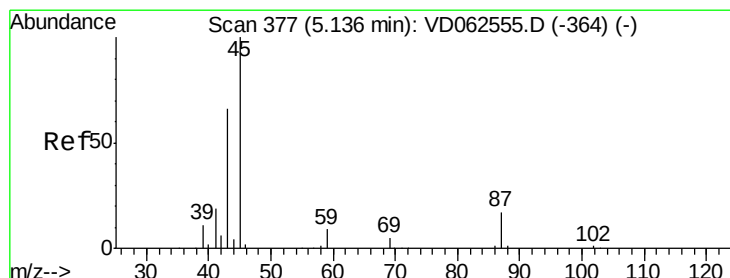
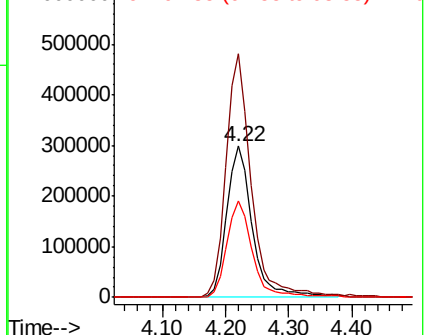
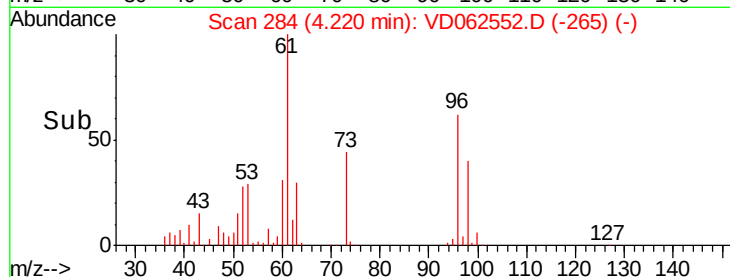
96 100

61 160.8 131.1 196.7

98 63.8 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: 109.608 ug/l

RT: 5.14 min Scan# 377

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tgt Ion: 45 Resp: 2410116

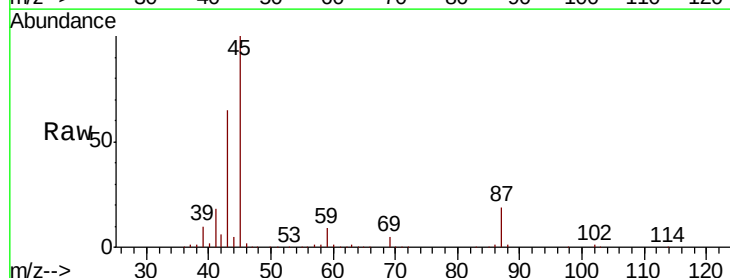
Ion Ratio Lower Upper

45 100

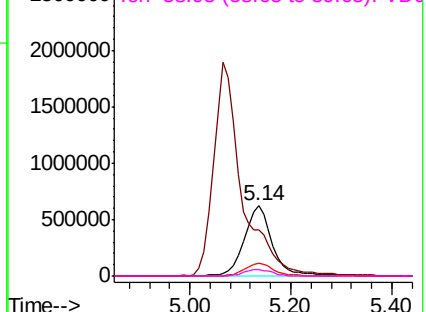
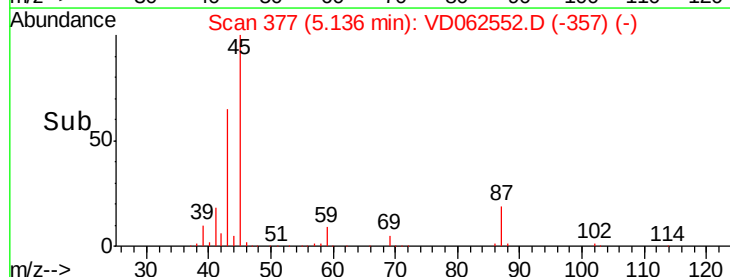
43 65.0 53.6 80.4

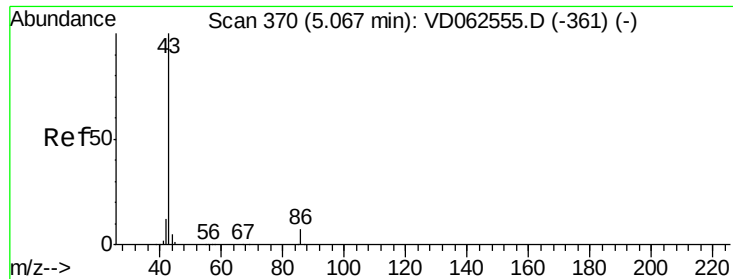
87 18.7 14.2 21.4

59 8.8 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: 551.707 ug/l

RT: 5.07 min Scan# 370

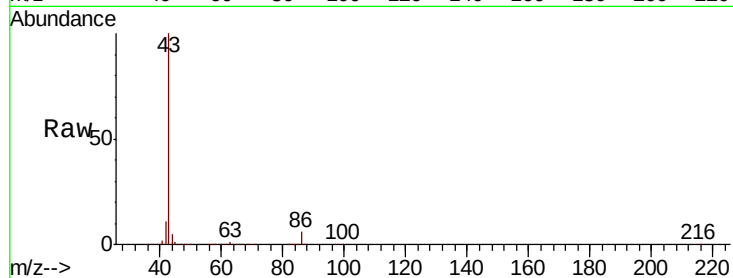
Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

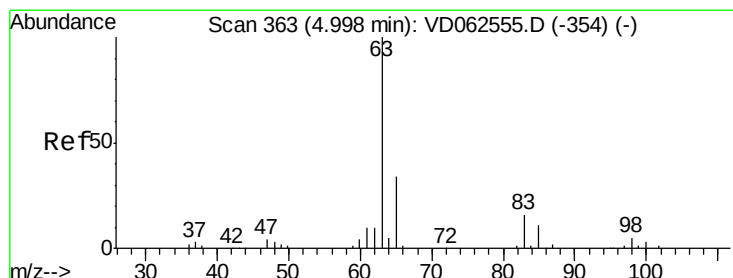
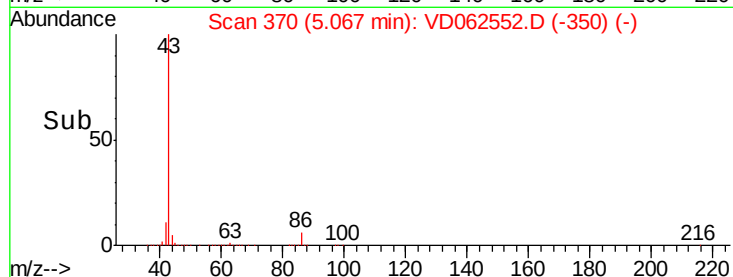
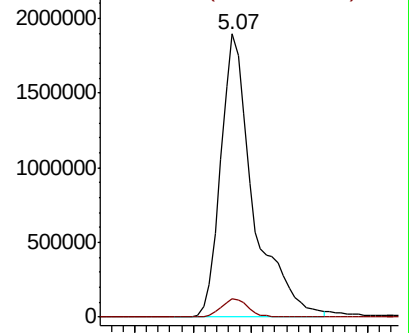
Tot Ion: 43 Resp: 7382917

Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.5	8.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 108.502 ug/l

RT: 4.99 min Scan# 362

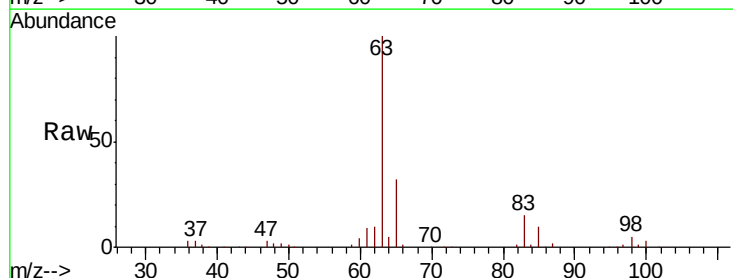
Delta R.T. -0.01 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tgt Ion: 63 Resp: 1558621

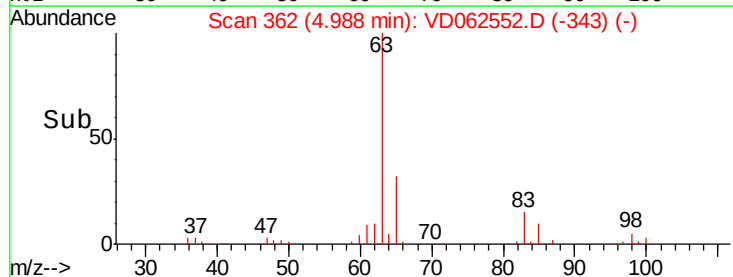
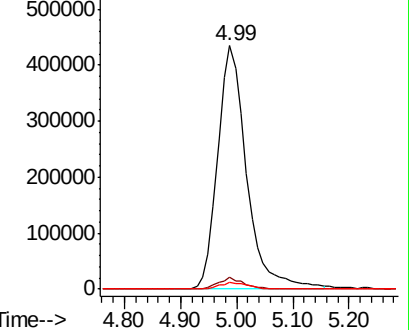
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.5	7.5
100	2.6	1.6	4.7

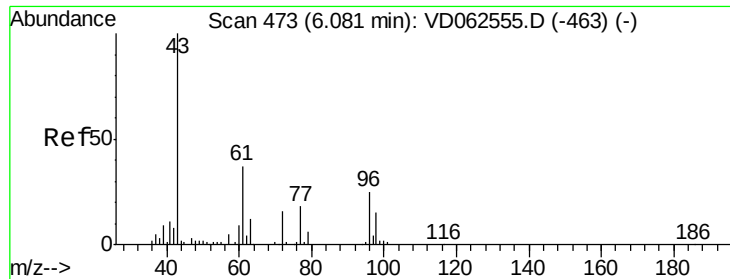


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 551.043 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.00 min

Lab File: VD062552.D

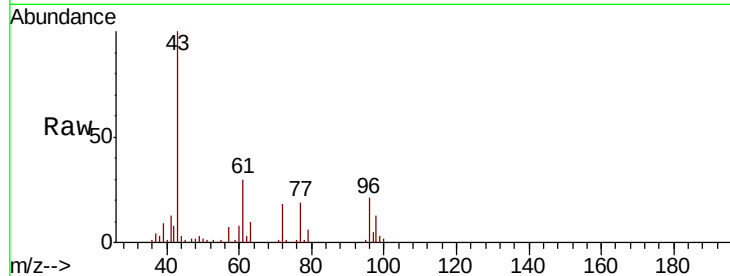
Acq: 30 May 2019 13:54

Tot Ion: 43 Resp: 1063306

Ion Ratio Lower Upper

43 100

72 18.4 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.08

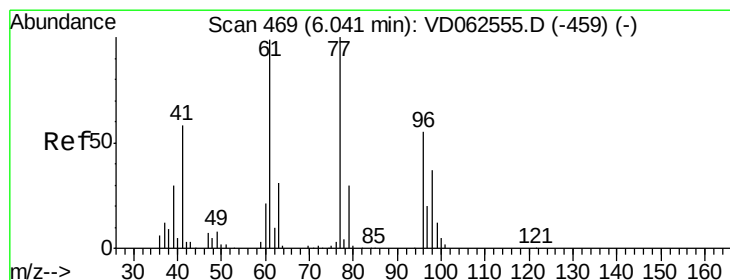
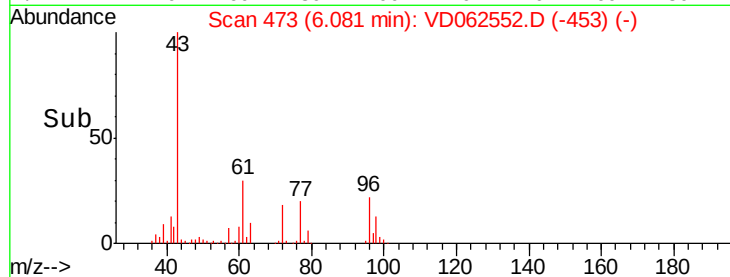
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 106.977 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD062552.D

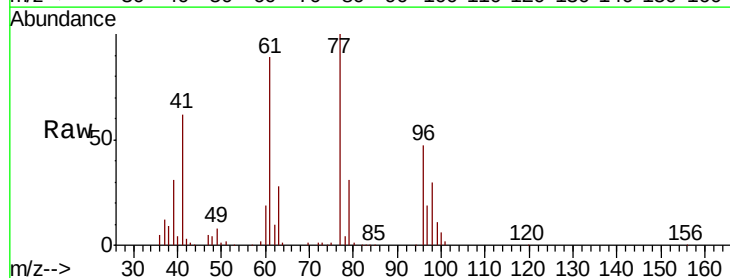
Acq: 30 May 2019 13:54

Tgt Ion: 77 Resp: 1668505

Ion Ratio Lower Upper

77 100

97 19.2 9.8 29.3



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

6.03

500000

400000

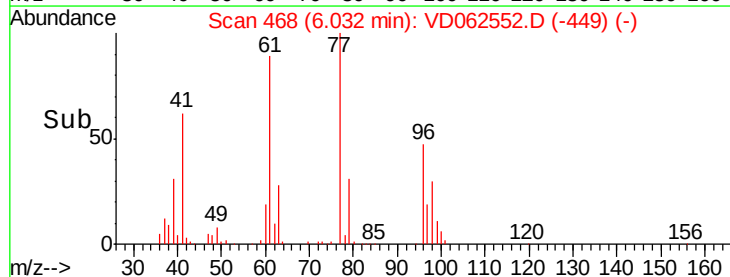
300000

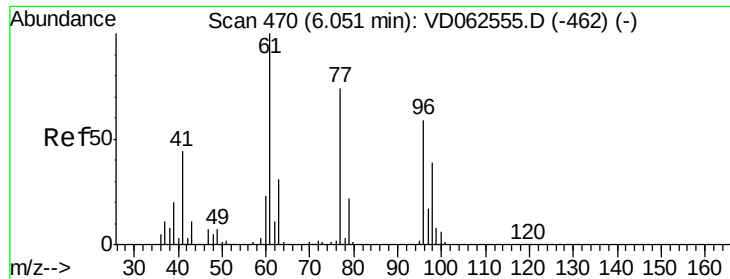
200000

100000

0

Time-->

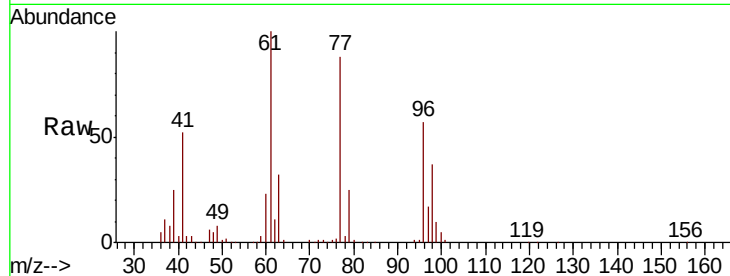




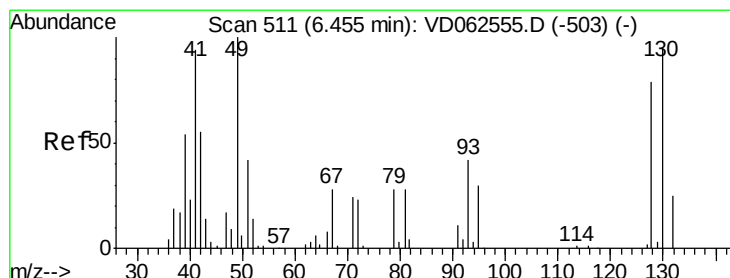
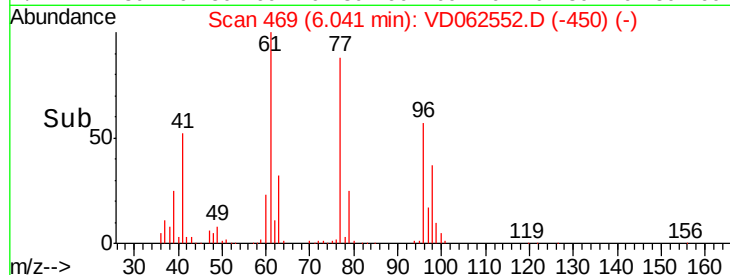
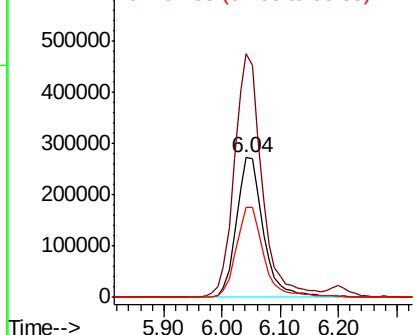
#27

cis-1,2-Dichloroethene
Concen: 107.738 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.2	0.0	342.4
98	64.8	0.0	134.6



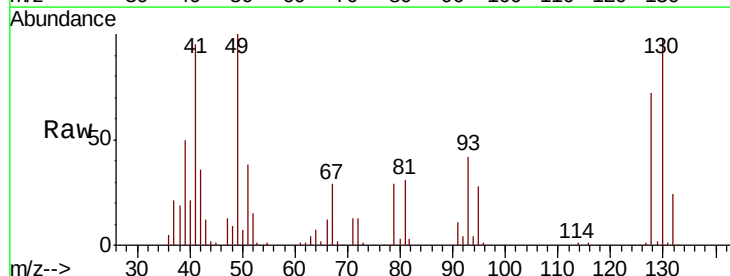
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



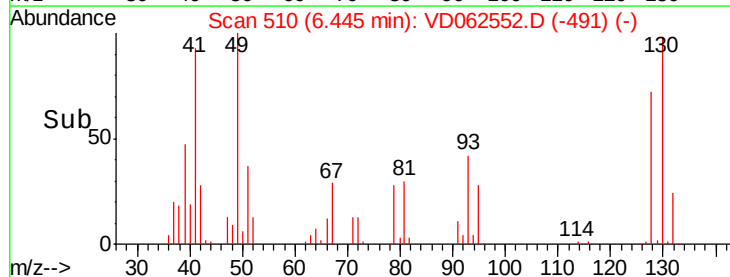
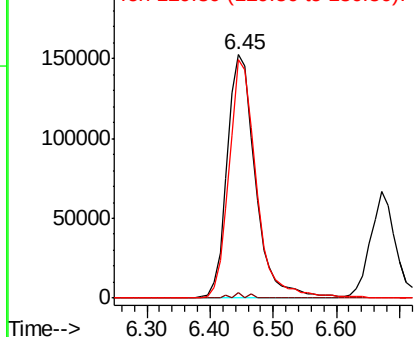
#28

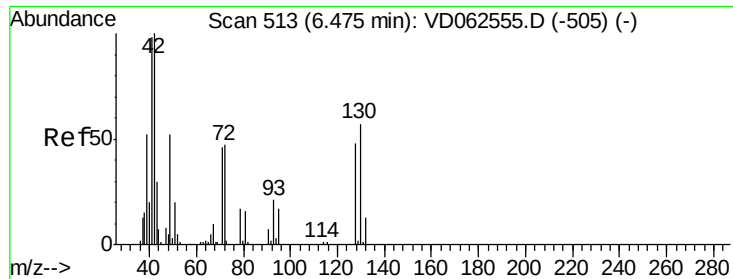
Bromochloromethane
Concen: 98.859 ug/l
RT: 6.45 min Scan# 510
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	97.9	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: 530.518 ug/l

RT: 6.47 min Scan# 513

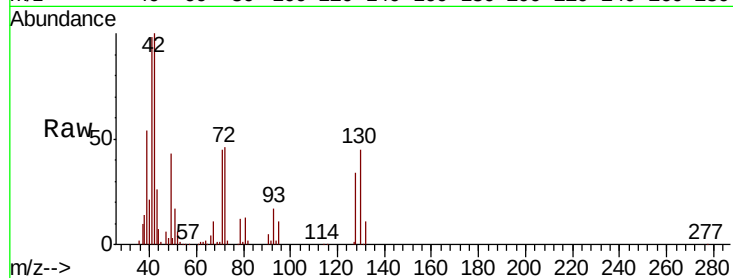
Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tot Ion: 42 Resp: 470647

Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.5	51.7
71	43.6	33.0	49.6

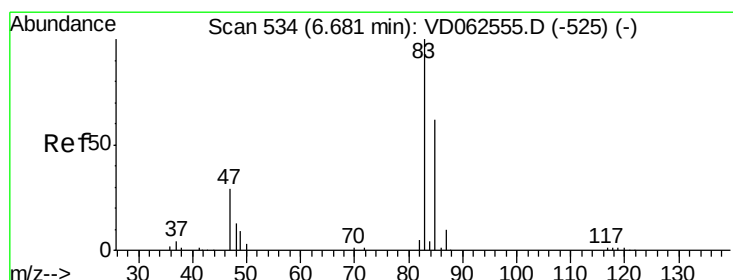
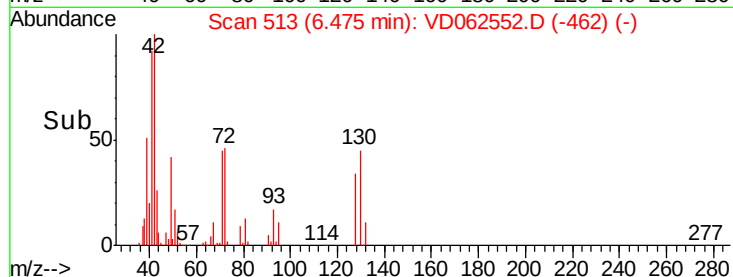
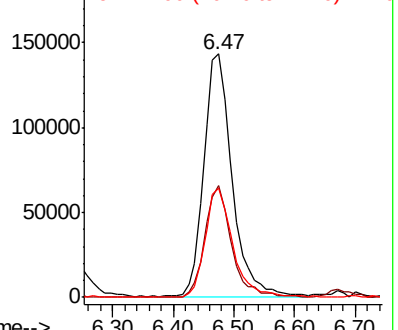


Abundance

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: 107.090 ug/l

RT: 6.67 min Scan# 533

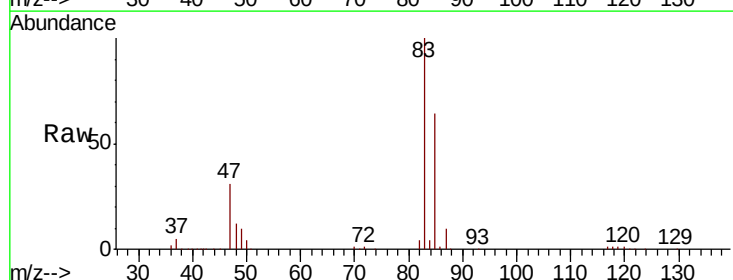
Delta R.T. -0.01 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tgt Ion: 83 Resp: 1851071

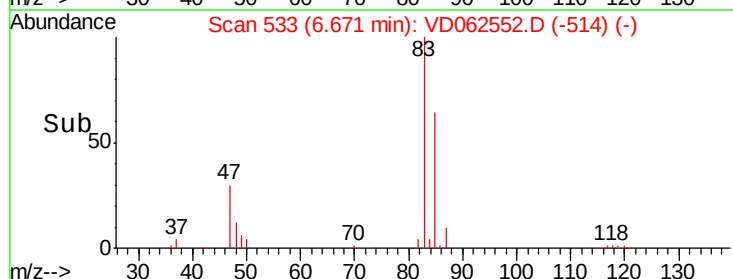
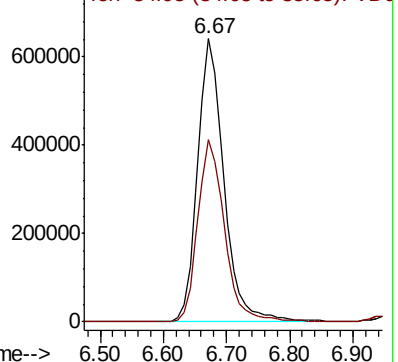
Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.4	74.0

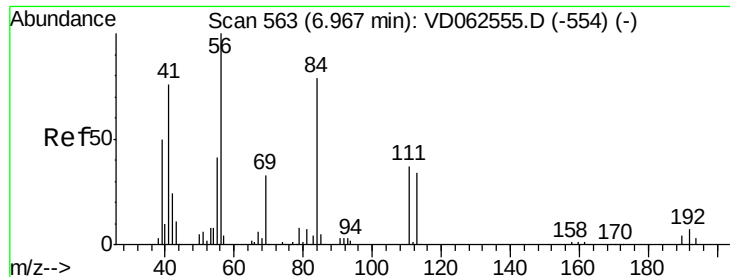


Abundance

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

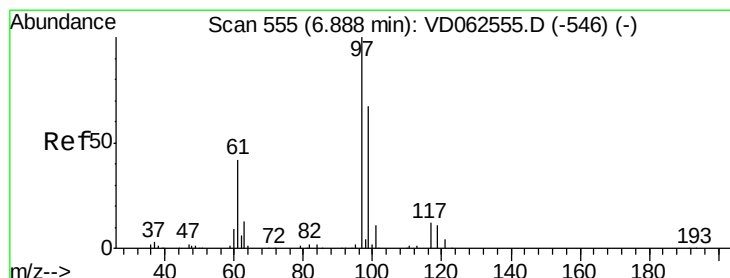
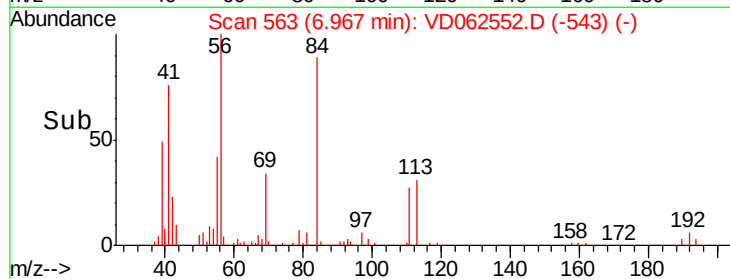
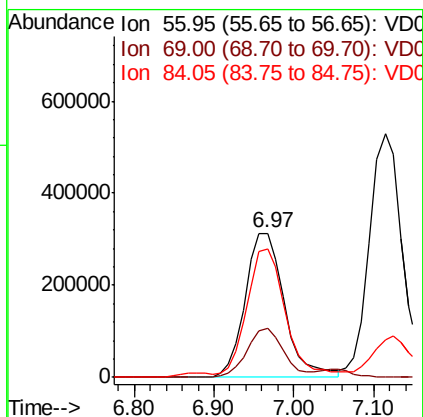
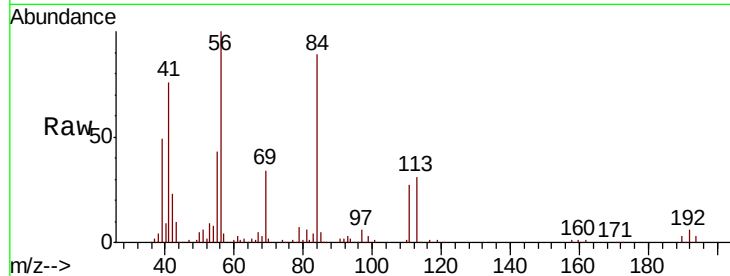




#31
Cyclohexane
Concen: 112.039 ug/l
RT: 6.97 min Scan# 563
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion: 56 Resp: 1066242

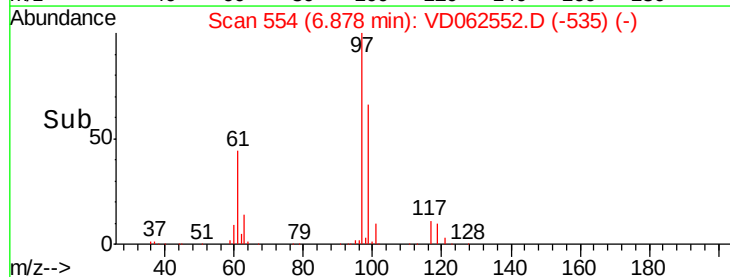
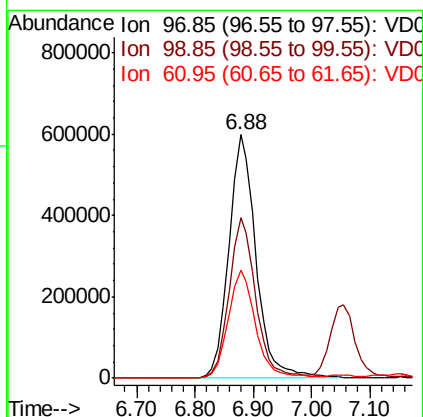
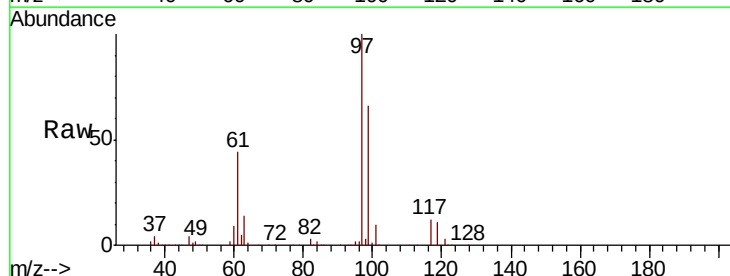
Ion	Ratio	Lower	Upper
56	100		
69	34.1	26.2	39.2
84	89.4	65.2	97.8

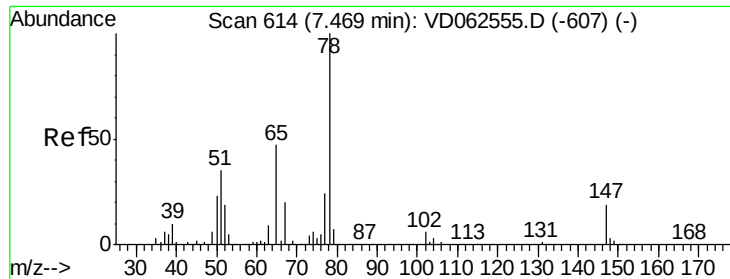


#32
1,1,1-Trichloroethane
Concen: 109.209 ug/l
RT: 6.88 min Scan# 554
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion: 97 Resp: 1927660

Ion	Ratio	Lower	Upper
97	100		
99	65.7	53.6	80.4
61	44.2	33.9	50.9





#33

1,2-Dichloroethane-d4

Concen: 104.868 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062552.D

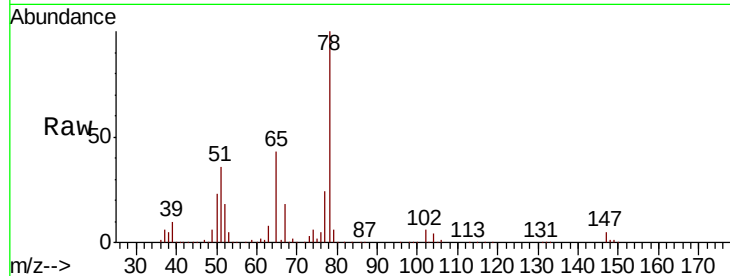
Acq: 30 May 2019 13:54

Tot Ion: 65 Resp: 1067636

Ion Ratio Lower Upper

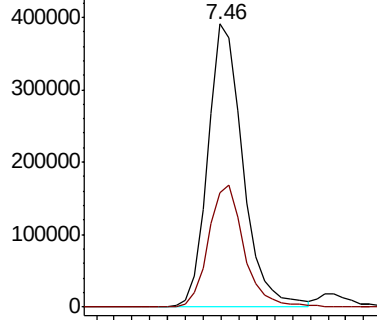
65 100

67 40.5 0.0 83.6

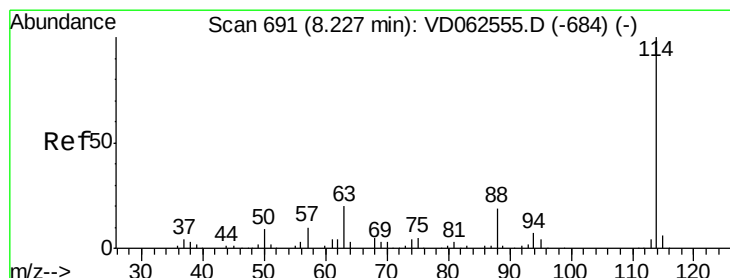
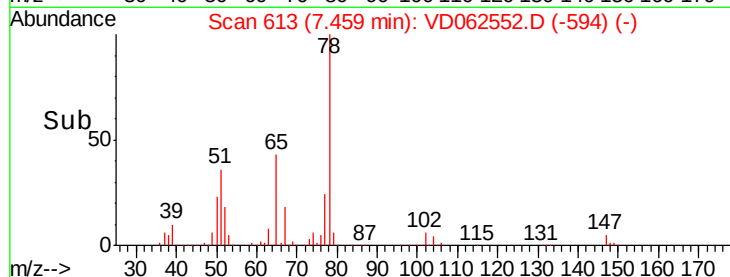


Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

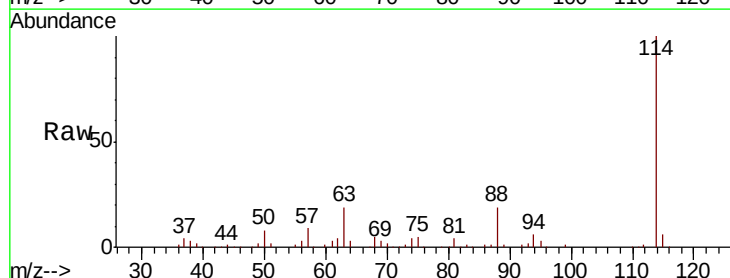
Tgt Ion: 114 Resp: 1254094

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.6

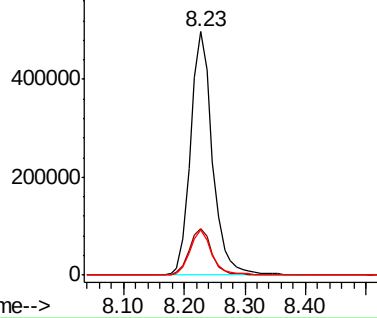
88 18.8 0.0 37.6



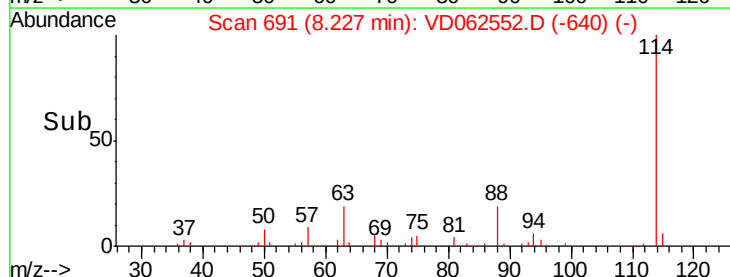
Abundance Ion 114.00 (113.70 to 114.70): V

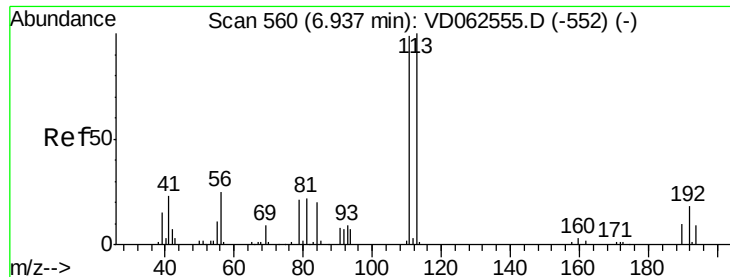
Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



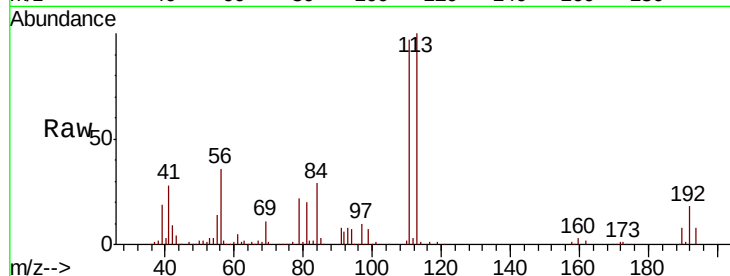
Time-->



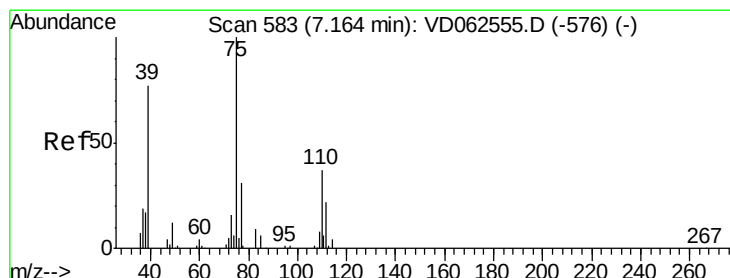
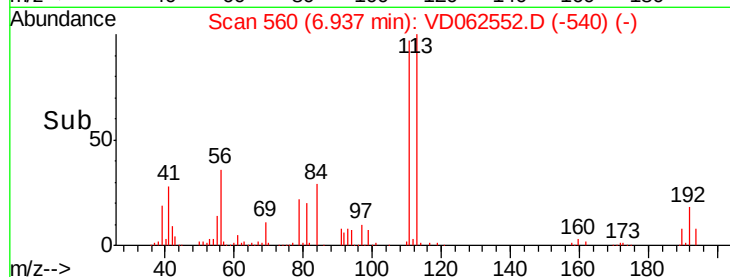
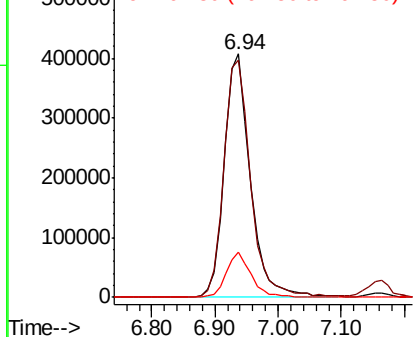


#35
 Dibromofluoromethane
 Concen: 100.746 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion:113 Resp: 1167568
 Ion Ratio Lower Upper
 113 100
 111 97.3 78.8 118.2
 192 18.4 14.6 22.0

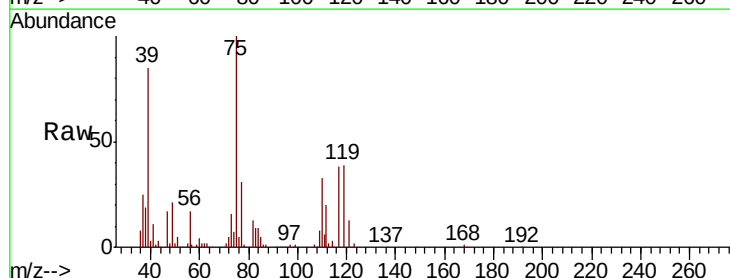


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

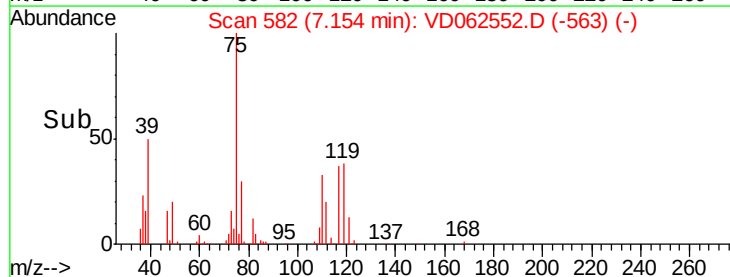
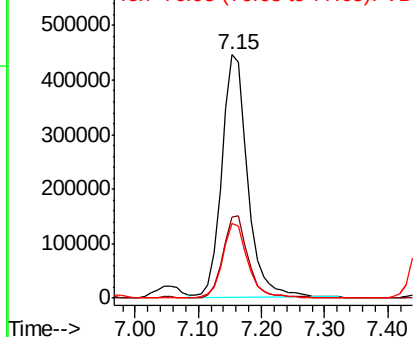


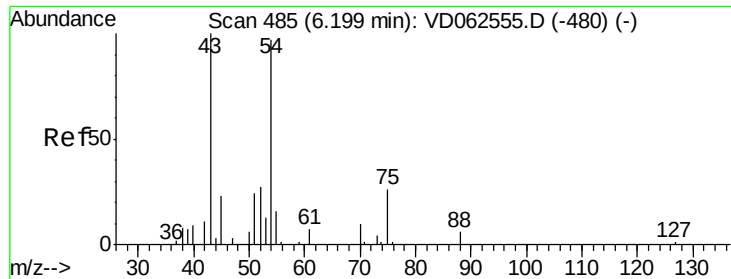
#36
 1,1-Dichloropropene
 Concen: 99.639 ug/l
 RT: 7.15 min Scan# 582
 Delta R.T. -0.01 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion: 75 Resp: 1267287
 Ion Ratio Lower Upper
 75 100
 110 33.2 18.3 54.8
 77 30.7 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

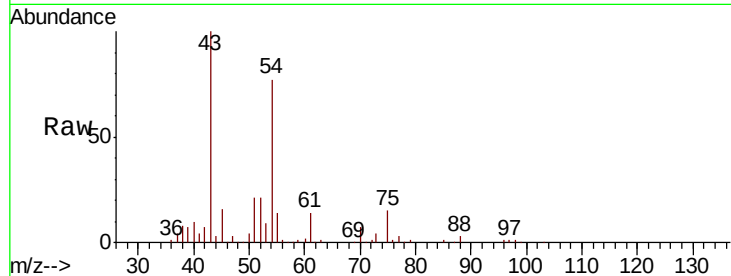




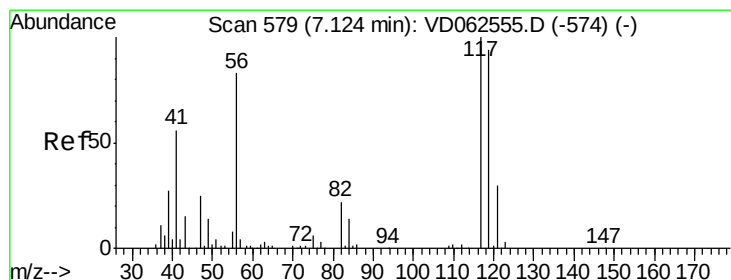
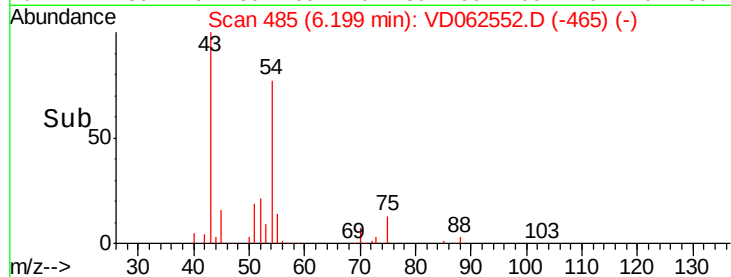
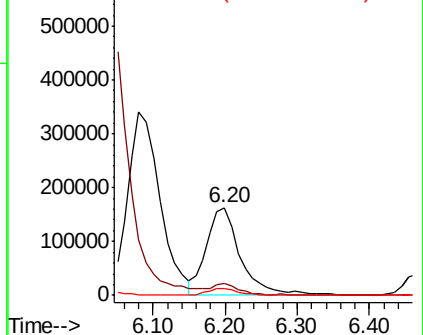
#37
Ethyl Acetate
Concen: 90.727 ug/l
RT: 6.20 min Scan# 485
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion: 43 Resp: 515284

Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.8	14.8
70	7.1	6.5	9.7



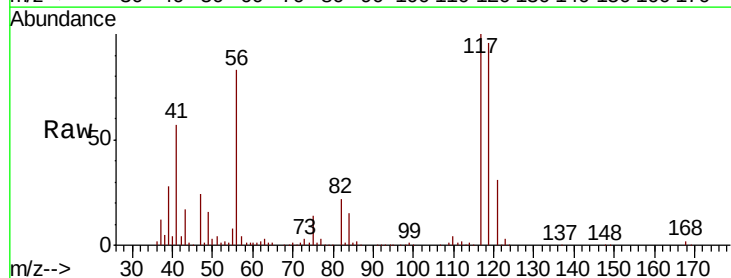
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC



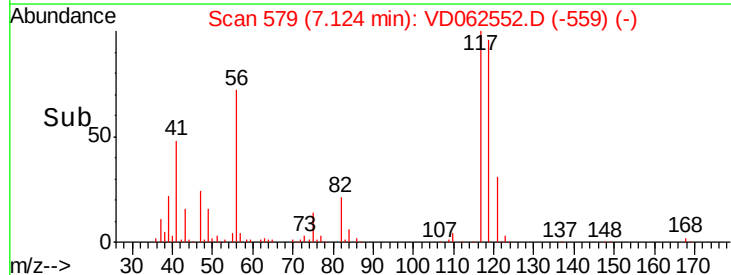
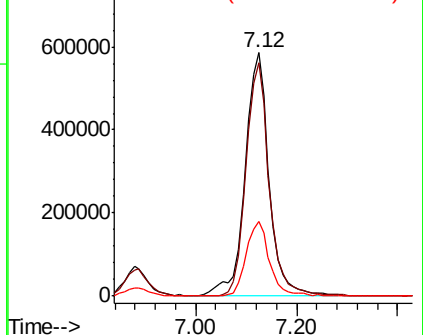
#38
Carbon Tetrachloride
Concen: 100.861 ug/l
RT: 7.12 min Scan# 579
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

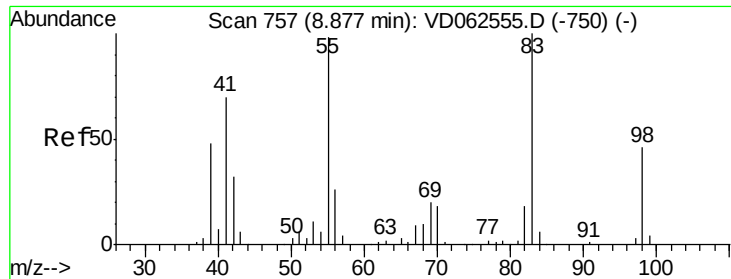
Tgt Ion: 117 Resp: 1937597

Ion	Ratio	Lower	Upper
117	100		
119	95.9	71.4	107.2
121	30.9	22.5	33.7



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

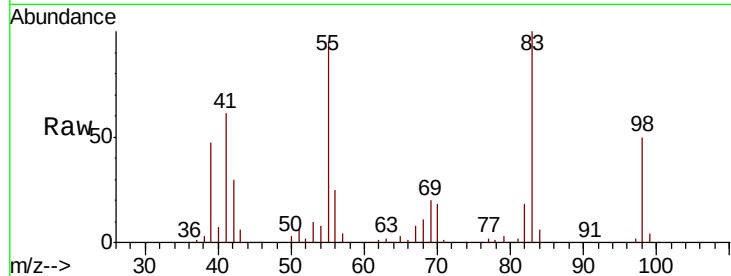




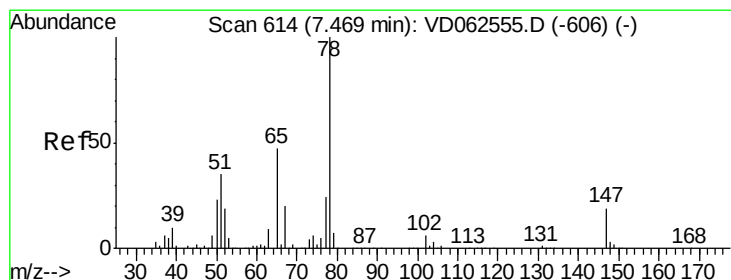
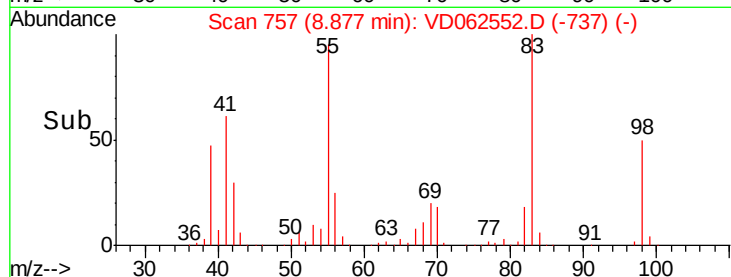
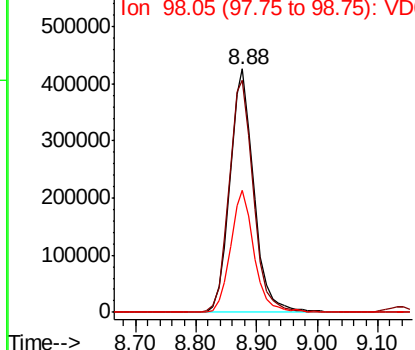
#39
Methylvlcyclohexane
Concen: 109.305 ug/l
RT: 8.88 min Scan# 757
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion: 83 Resp: 1164655

Ion	Ratio	Lower	Upper
83	100		
55	95.3	78.7	118.1
98	50.1	37.2	55.8



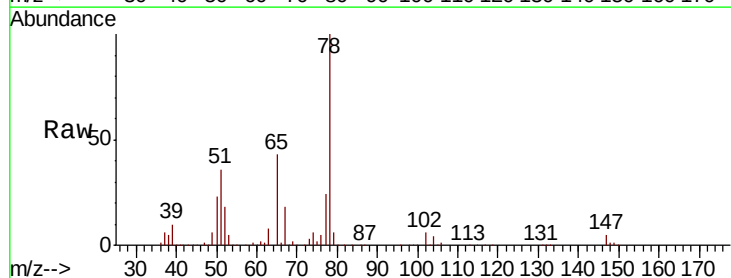
Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC



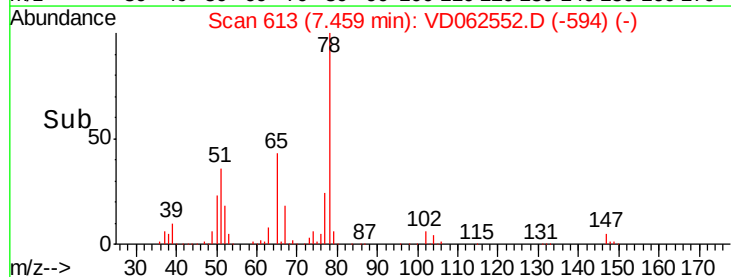
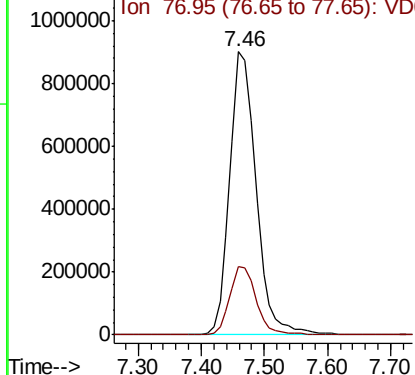
#40
Benzene
Concen: 104.451 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

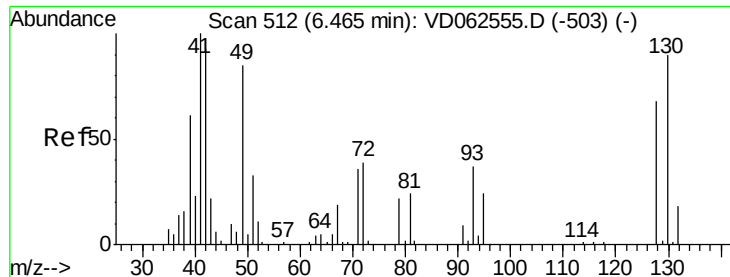
Tgt Ion: 78 Resp: 2609632

Ion	Ratio	Lower	Upper
78	100		
77	24.2	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: 102.956 ug/l

RT: 6.46 min Scan# 512

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tot Ion: 41 Resp: 655447

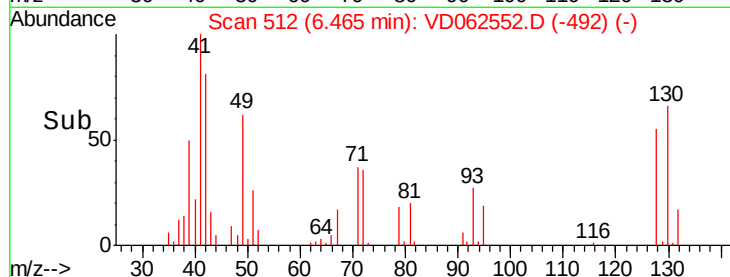
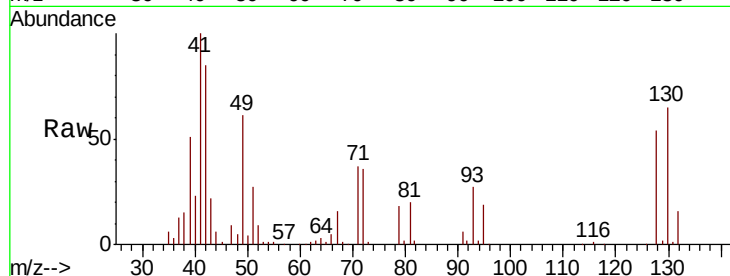
Ion Ratio Lower Upper

41 100

39 51.1 49.0 73.6

67 16.4 15.5 23.3

52 8.7 8.9 13.3#

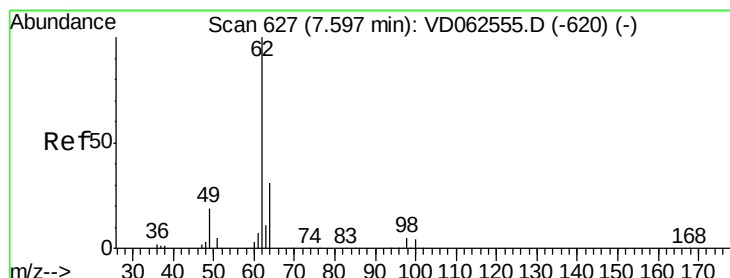
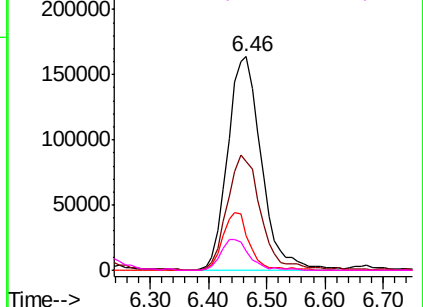


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 104.116 ug/l

RT: 7.59 min Scan# 626

Delta R.T. -0.01 min

Lab File: VD062552.D

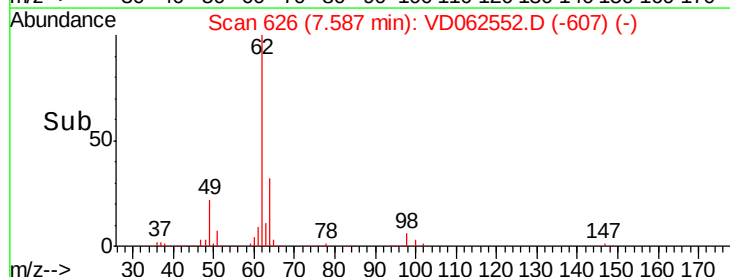
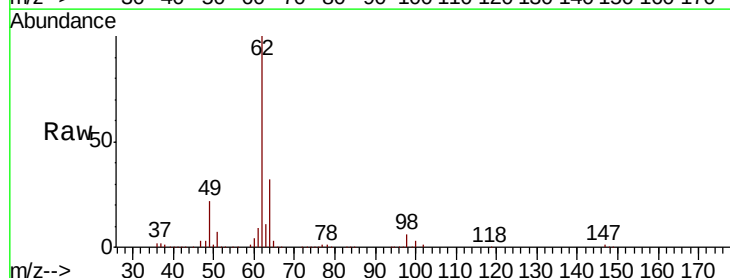
Acq: 30 May 2019 13:54

Tgt Ion: 62 Resp: 1452259

Ion Ratio Lower Upper

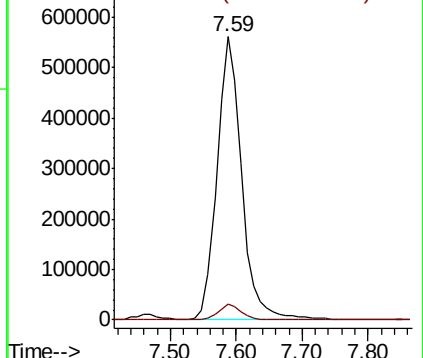
62 100

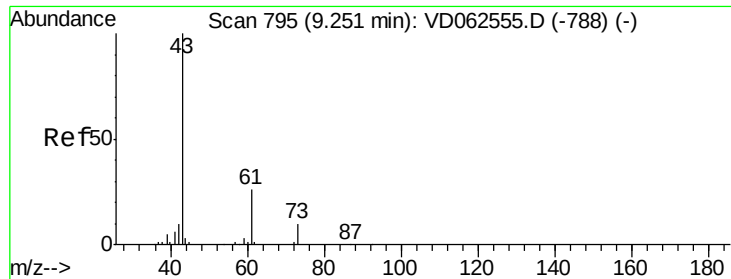
98 5.8 0.0 11.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 106.868 ug/l

RT: 9.25 min Scan# 795

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

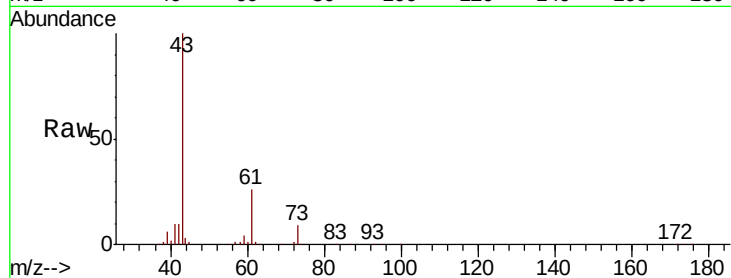
Tot Ion: 43 Resp: 719659

Ion Ratio Lower Upper

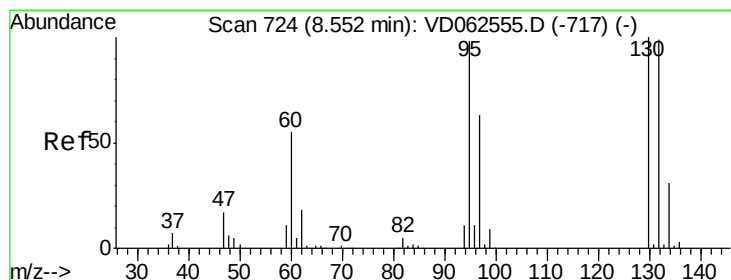
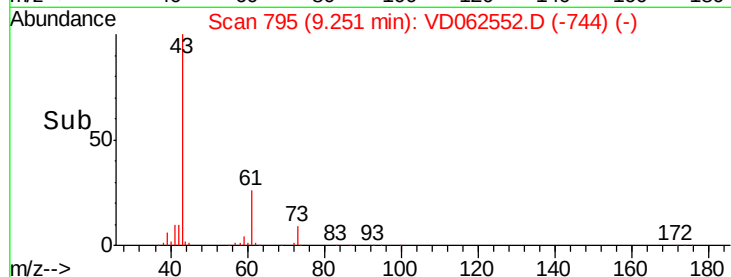
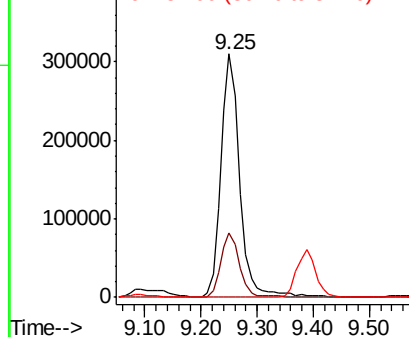
43 100

61 26.5 20.5 30.7

87 0.4 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: 104.128 ug/l

RT: 8.55 min Scan# 724

Delta R.T. -0.00 min

Lab File: VD062552.D

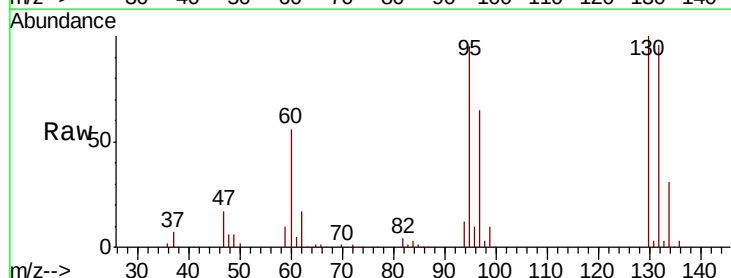
Acq: 30 May 2019 13:54

Tgt Ion:130 Resp: 1041327

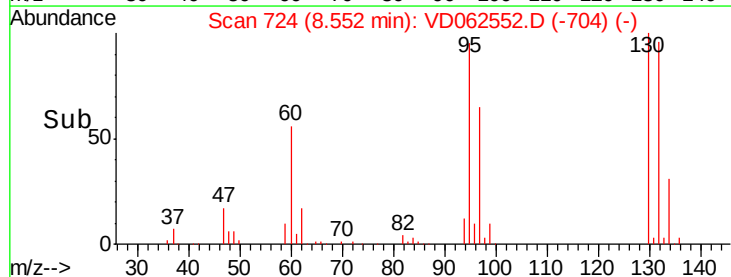
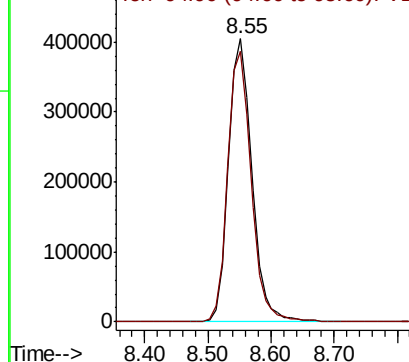
Ion Ratio Lower Upper

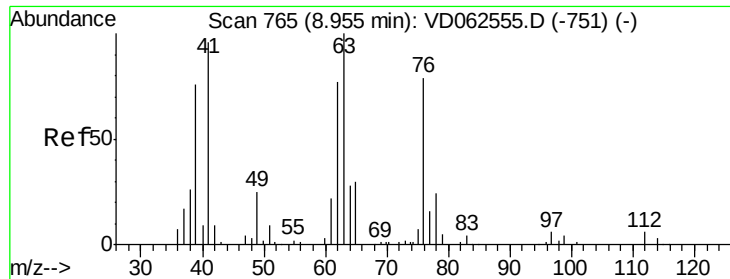
130 100

95 95.4 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: 104.500 ug/l

RT: 8.96 min Scan# 765

Delta R.T. -0.00 min

Lab File: VD062552.D

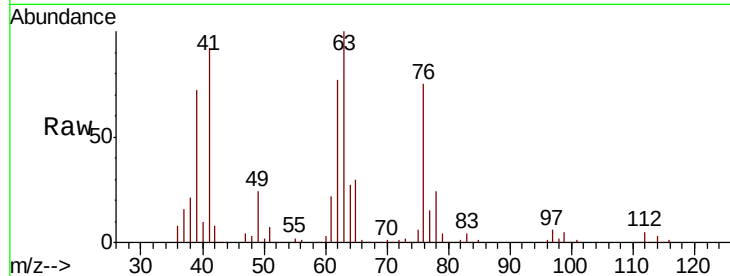
Acq: 30 May 2019 13:54

Tot Ion: 63 Resp: 641318

Ion Ratio Lower Upper

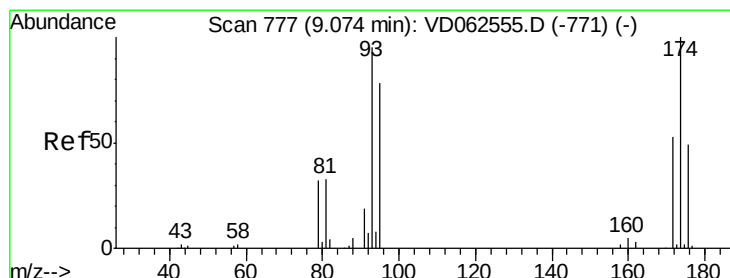
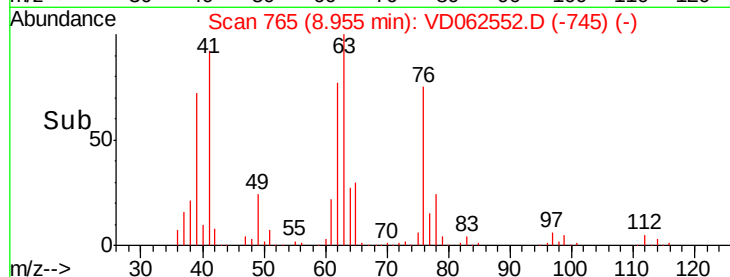
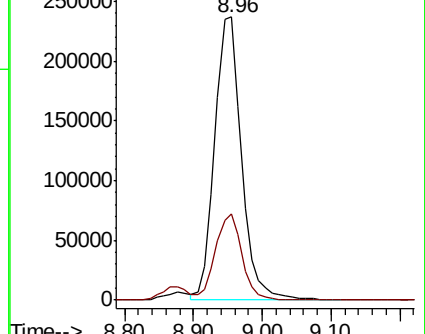
63 100

65 30.4 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: 103.919 ug/l

RT: 9.07 min Scan# 777

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

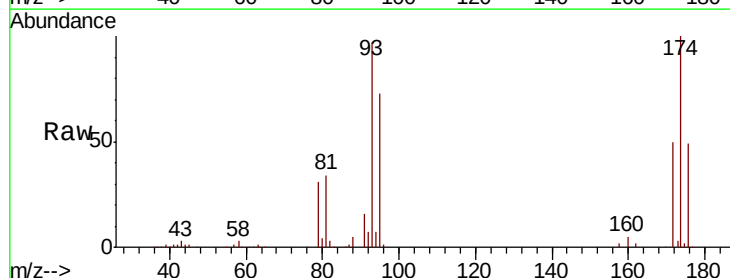
Tgt Ion: 93 Resp: 531957

Ion Ratio Lower Upper

93 100

95 75.3 66.1 99.1

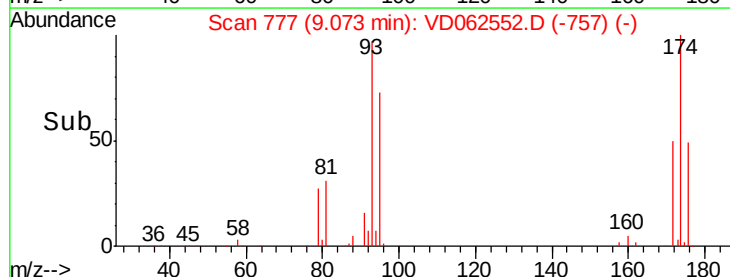
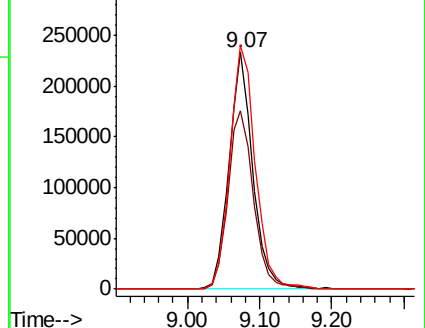
174 102.7 84.2 126.4

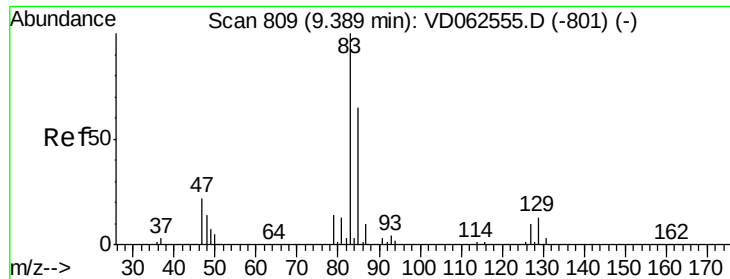


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 99.035 ug/l

RT: 9.39 min Scan# 809

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

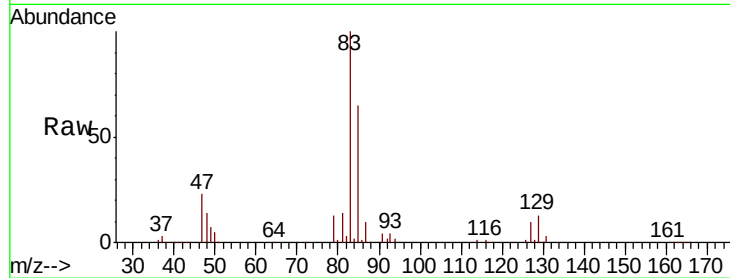
Tot Ion: 83 Resp: 1408217

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8
127	10.1	7.8	11.6

83 100

85 64.6 51.8 77.8

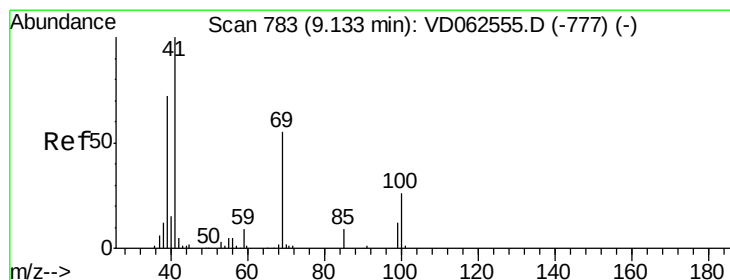
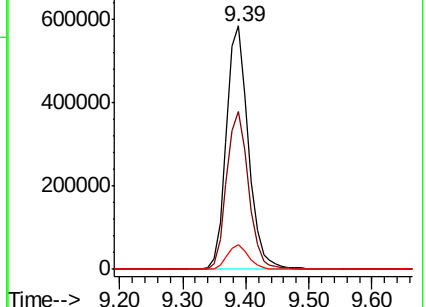
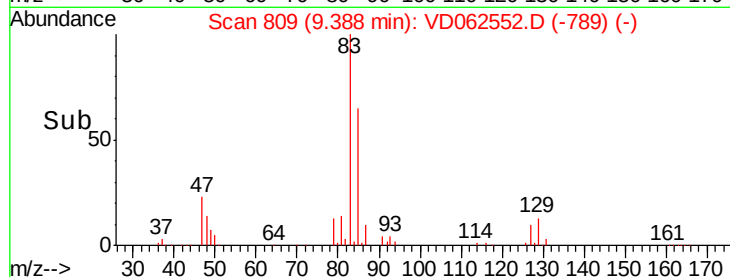
127 10.1 7.8 11.6



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: 96.477 ug/l

RT: 9.13 min Scan# 783

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

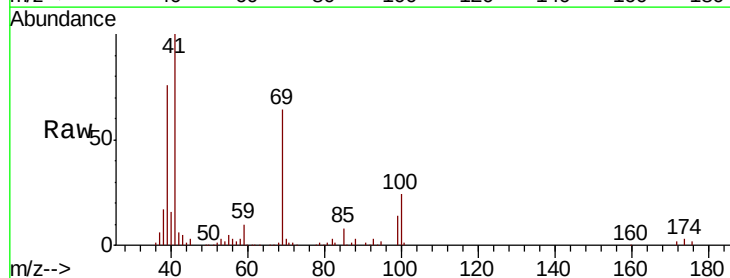
Tgt Ion: 41 Resp: 446413

Ion	Ratio	Lower	Upper
41	100		
69	63.8	43.6	65.4
39	75.9	58.1	87.1

41 100

69 63.8 43.6 65.4

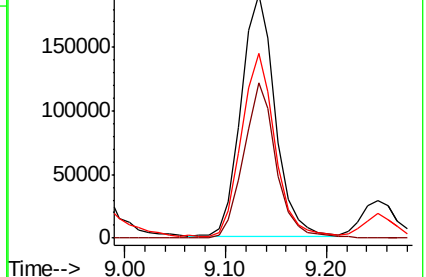
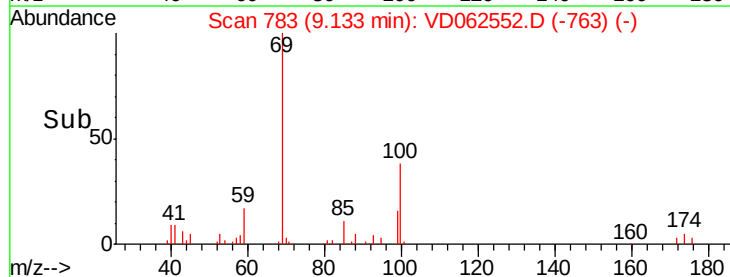
39 75.9 58.1 87.1

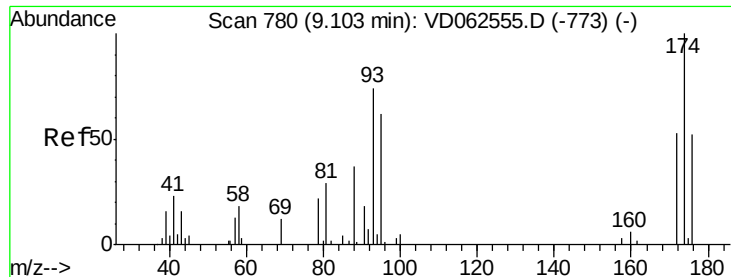


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 2084.060 ug/l

RT: 9.09 min Scan# 779

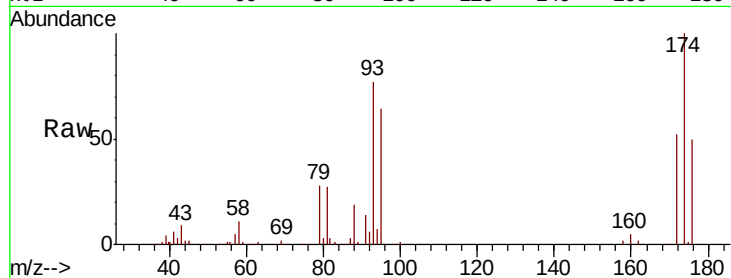
Delta R.T. -0.01 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tot Ion: 88 Resp: 78284

Ion	Ratio	Lower	Upper
88	100		
43	45.8	37.1	55.7
58	57.8	39.3	58.9

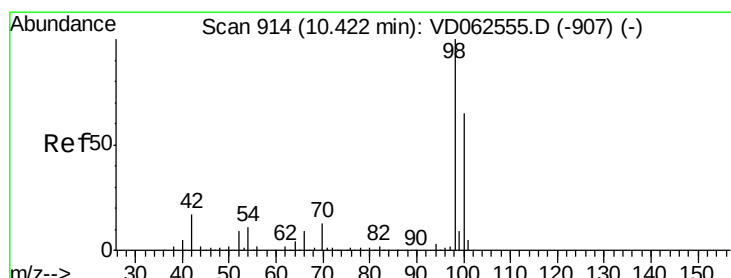
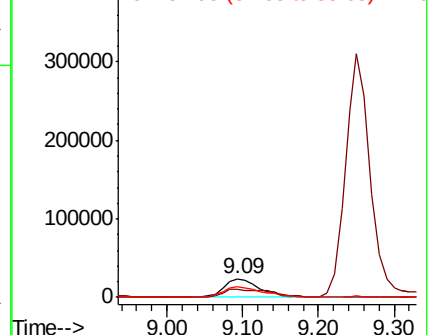
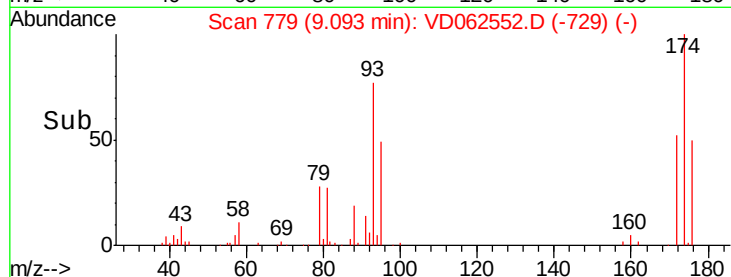


Abundance

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: 98.399 ug/l

RT: 10.42 min Scan# 914

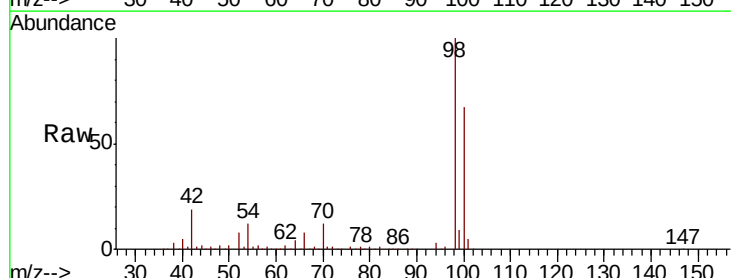
Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tgt Ion: 98 Resp: 2471300

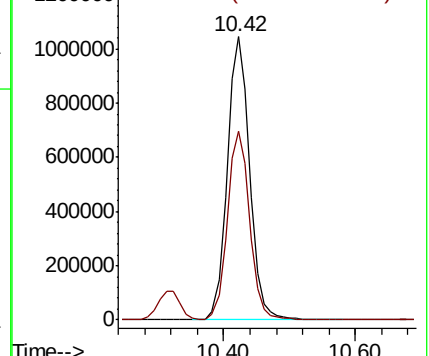
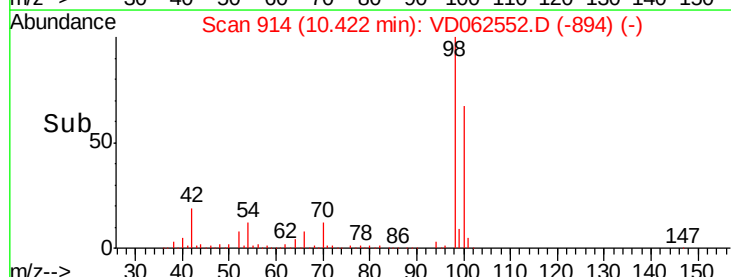
Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.3	78.5

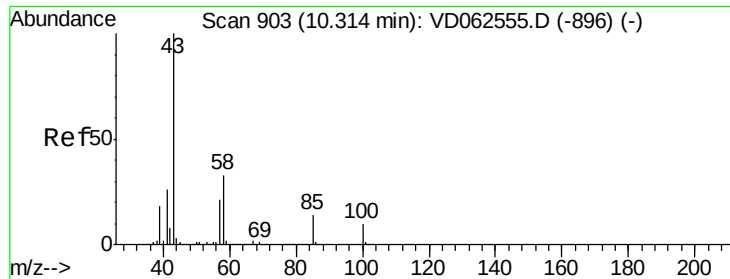


Abundance

Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 490.588 ug/l

RT: 10.31 min Scan# 903

Delta R.T. -0.00 min

Lab File: VD062552.D

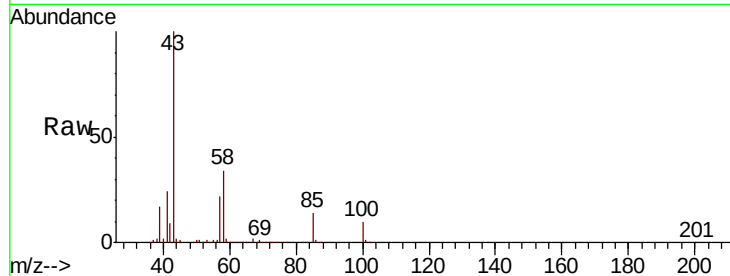
Acq: 30 May 2019 13:54

Tot Ion: 43 Resp: 2337121

Ion Ratio Lower Upper

43 100

58 34.0 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

1200000

1000000

800000

600000

400000

200000

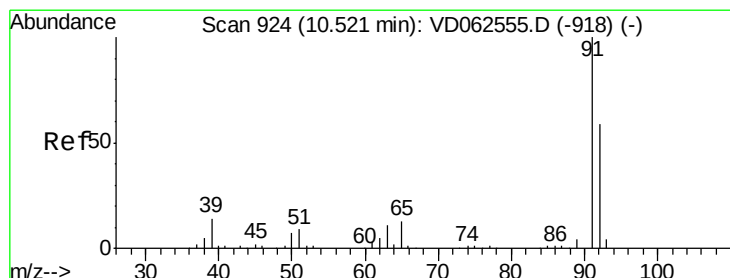
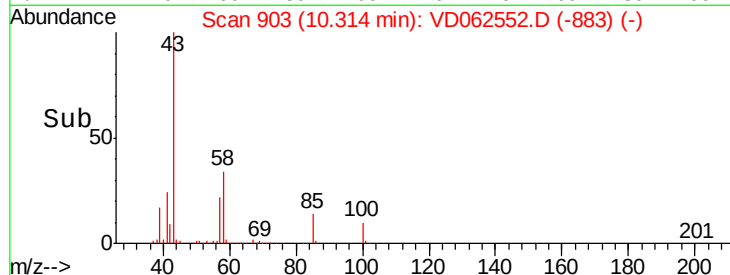
0

10.20

10.30

10.40

Time-->



#52

Toluene

Concen: 103.277 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: VD062552.D

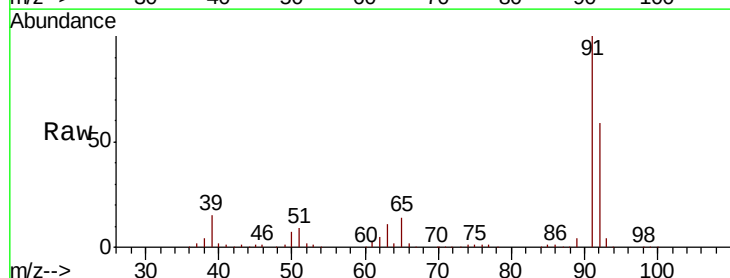
Acq: 30 May 2019 13:54

Tgt Ion: 92 Resp: 1755437

Ion Ratio Lower Upper

92 100

91 169.0 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

1500000

1000000

500000

0

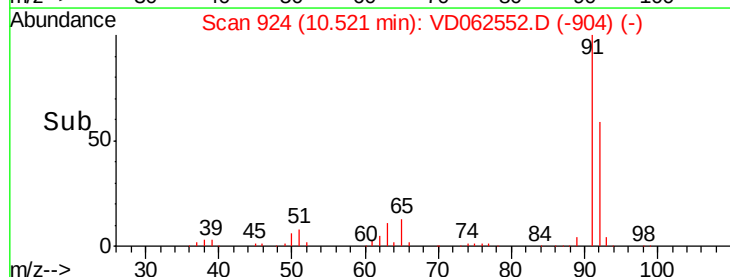
10.40

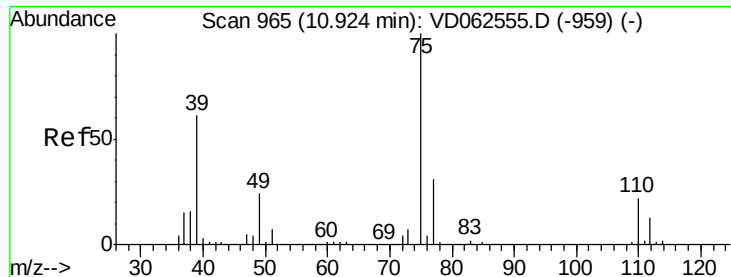
10.50

10.60

10.70

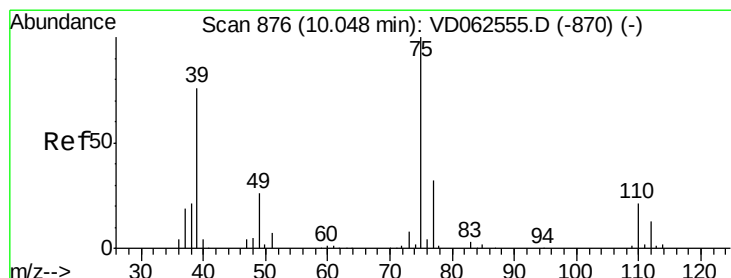
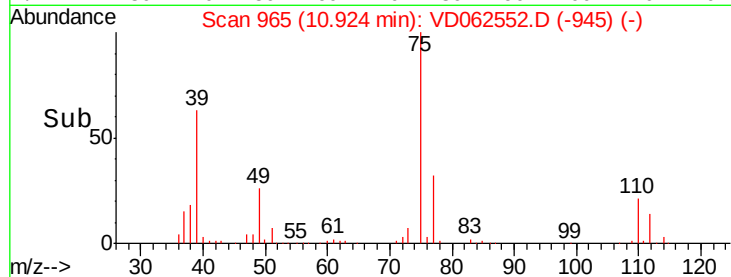
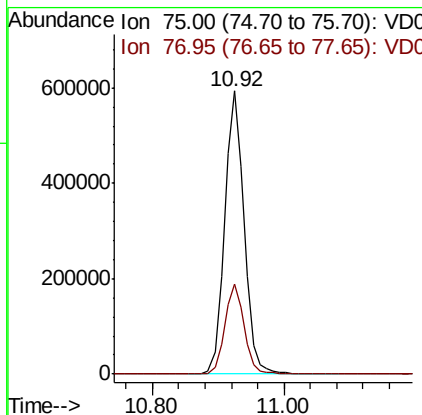
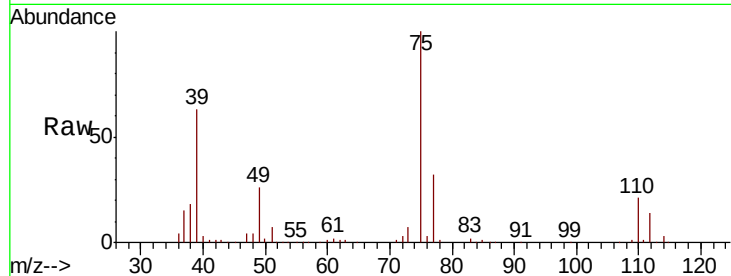
Time-->





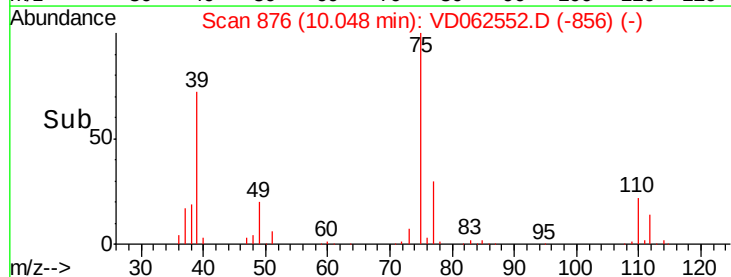
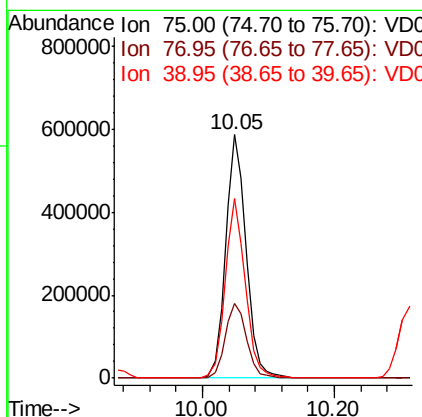
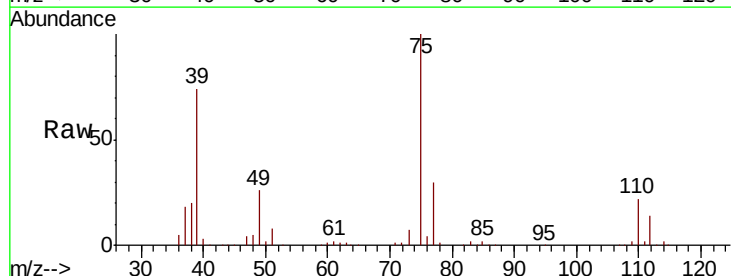
#53
 t-1,3-Dichloropropene
 Concen: 100.474 ug/l
 RT: 10.92 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

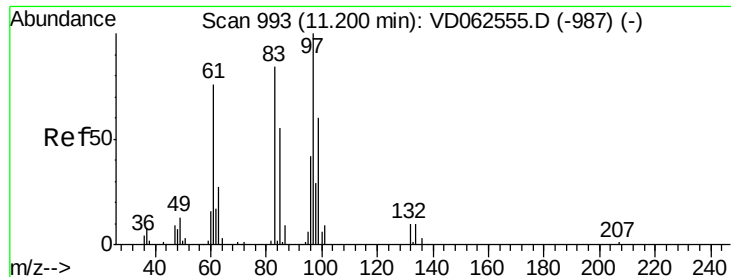
Tot Ion: 75 Resp: 1221361
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 101.535 ug/l
 RT: 10.05 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

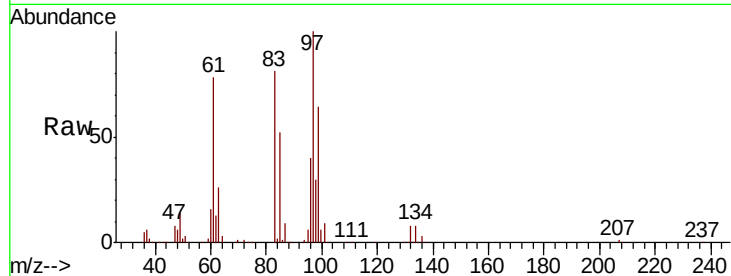
Tgt Ion: 75 Resp: 1275835
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.7 38.5
 39 74.0 61.0 91.6



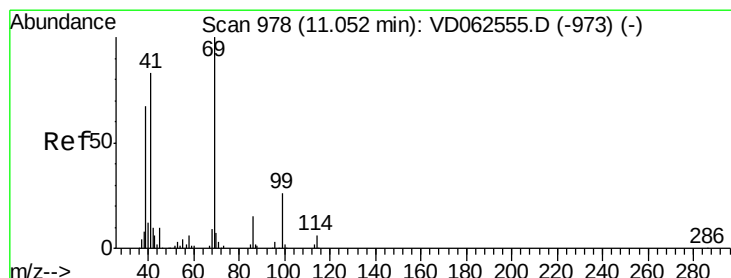
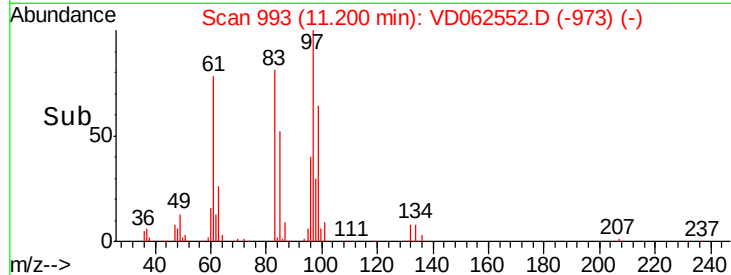
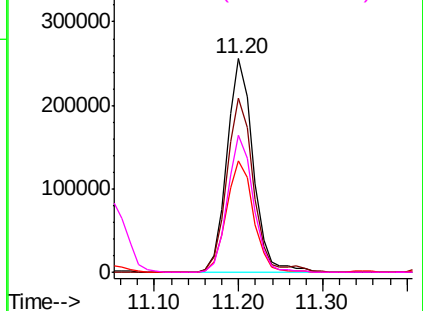


#55
 1,1,2-Trichloroethane
 Concen: 98.107 ug/l
 RT: 11.20 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion:	97	Resp:	554508
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.3	100.9
85	52.1	43.8	65.8
99	64.2	48.2	72.2

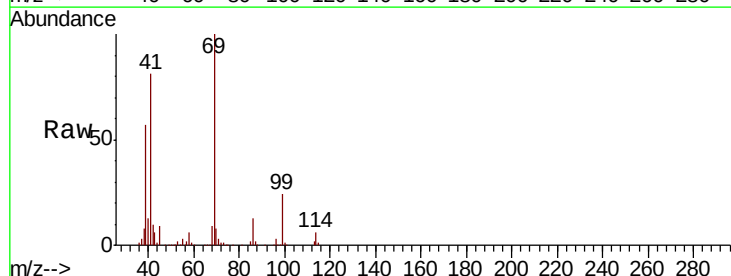


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

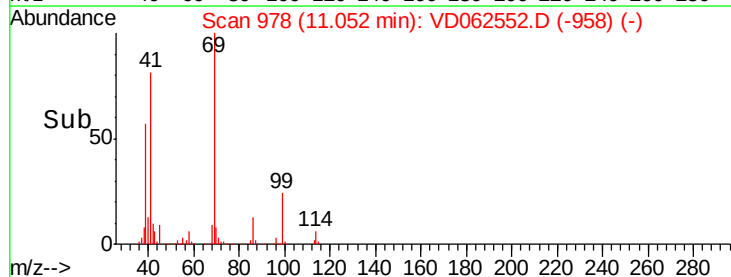
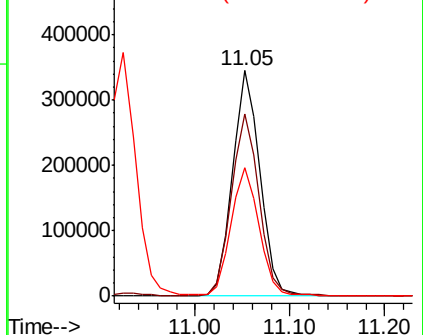


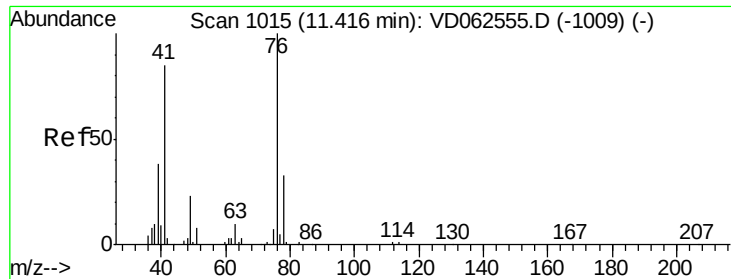
#56
 Ethyl methacrylate
 Concen: 116.186 ug/l
 RT: 11.05 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion:	69	Resp:	694570
Ion	Ratio	Lower	Upper
69	100		
41	80.7	66.1	99.1
39	57.0	54.2	81.2



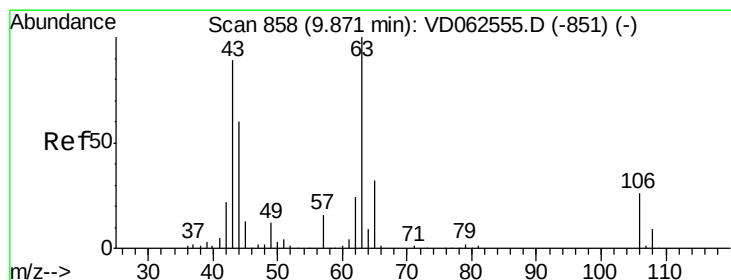
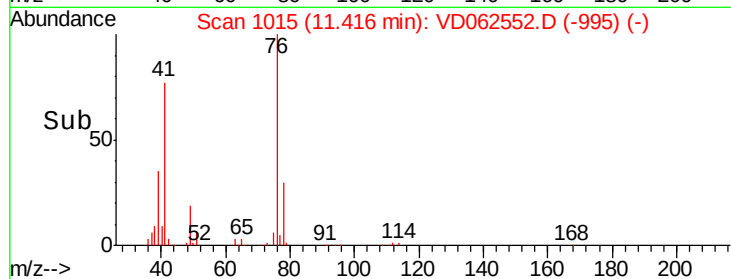
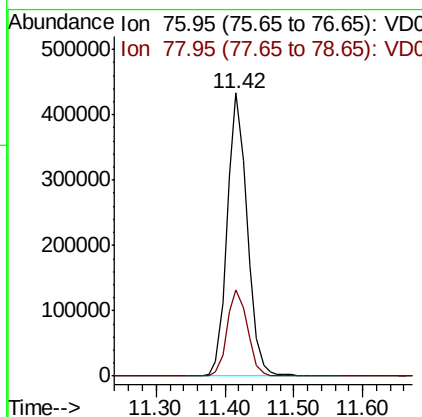
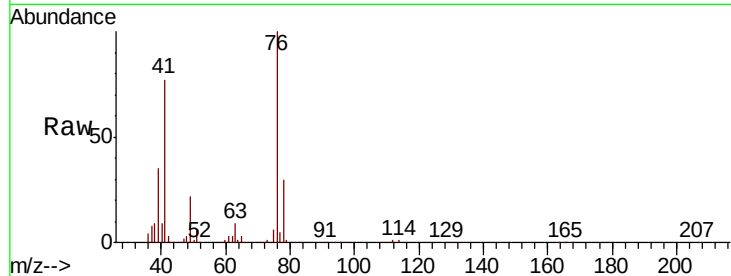
Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





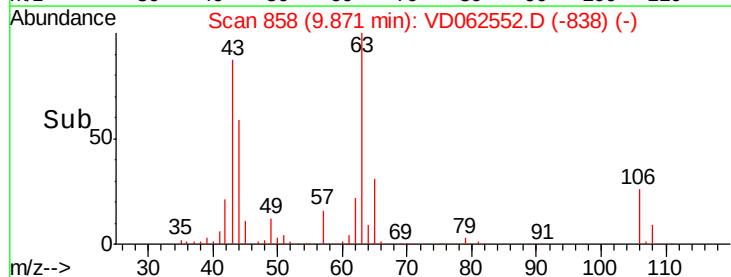
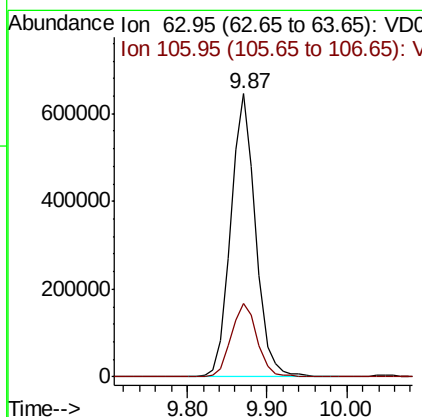
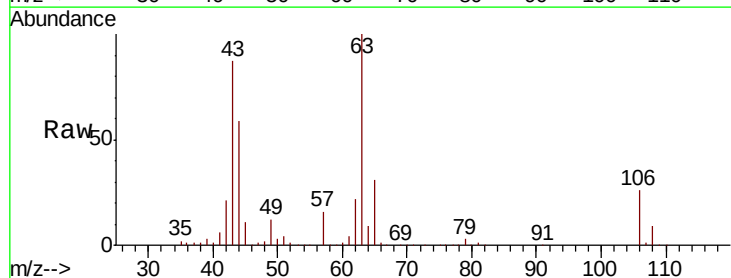
#57
 1,3-Dichloropropane
 Concen: 101.503 ug/l
 RT: 11.42 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

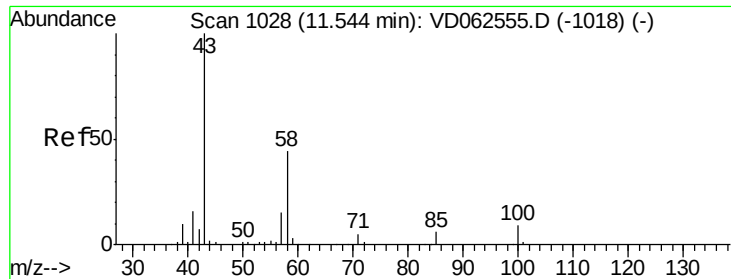
Tot Ion: 76 Resp: 868924
 Ion Ratio Lower Upper
 76 100
 78 30.5 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 453.715 ug/l
 RT: 9.87 min Scan# 858
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

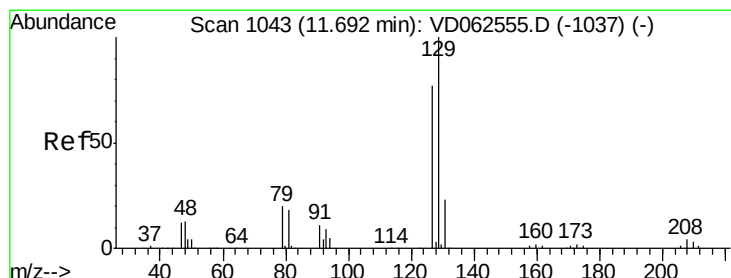
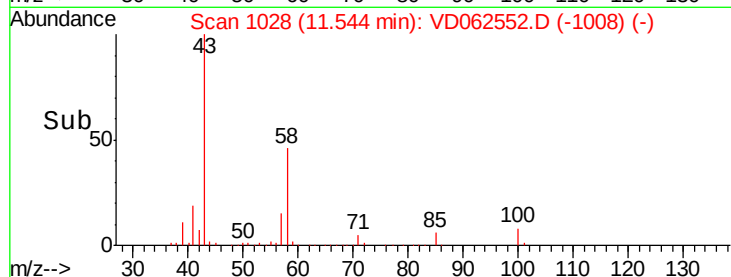
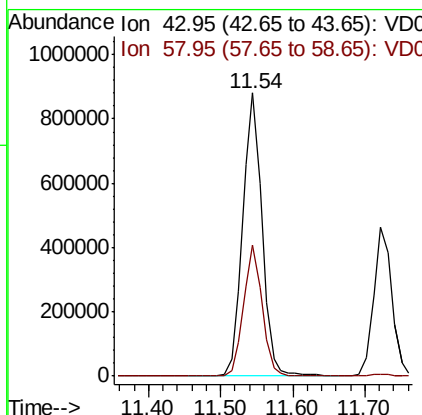
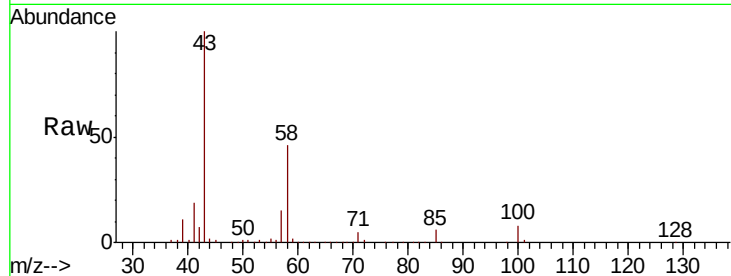
Tgt Ion: 63 Resp: 1405810
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.0 31.4





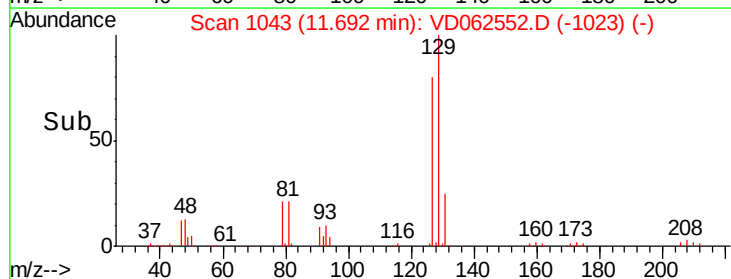
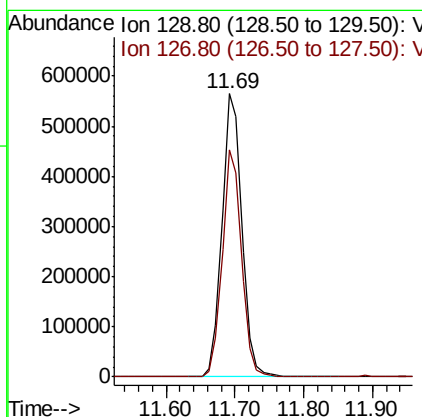
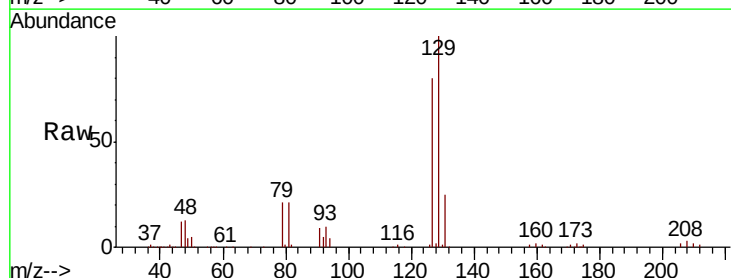
#59
2-Hexanone
Concen: 499.729 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

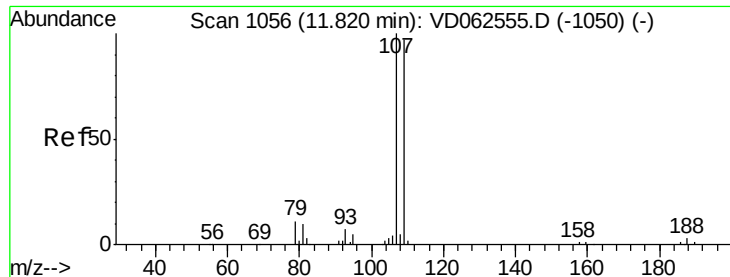
Tot Ion: 43 Resp: 1663341
Ion Ratio Lower Upper
43 100
58 46.2 22.0 66.0



#60
Dibromochloromethane
Concen: 102.885 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion: 129 Resp: 1128107
Ion Ratio Lower Upper
129 100
127 80.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 104.848 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VD062552.D

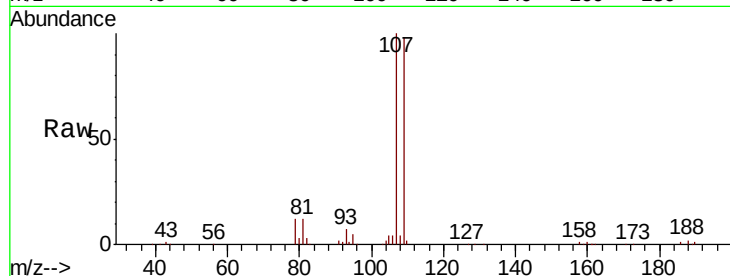
Acq: 30 May 2019 13:54

Tot Ion:107 Resp: 701243

Ion Ratio Lower Upper

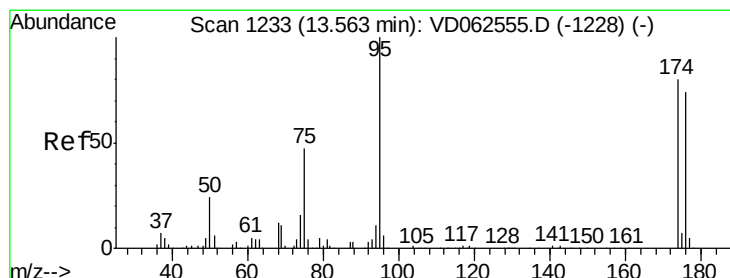
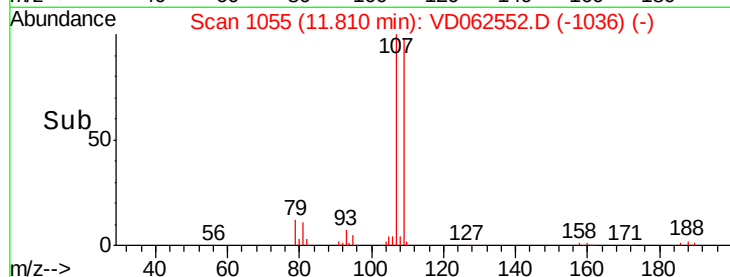
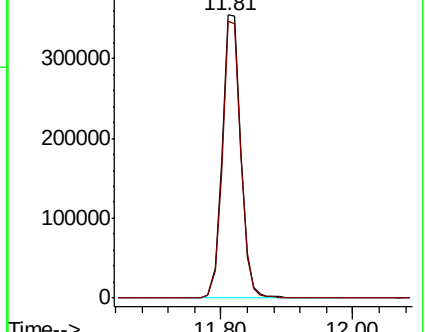
107 100

109 97.8 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: 98.805 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

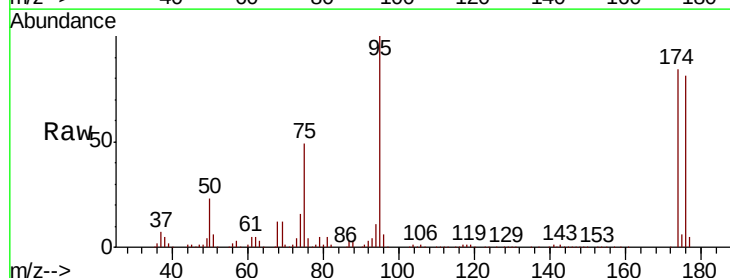
Tgt Ion: 95 Resp: 1112592

Ion Ratio Lower Upper

95 100

174 83.7 0.0 160.2

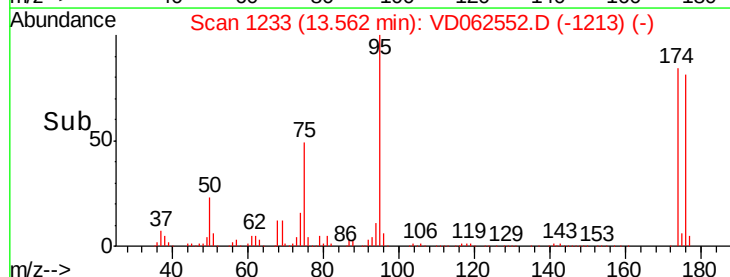
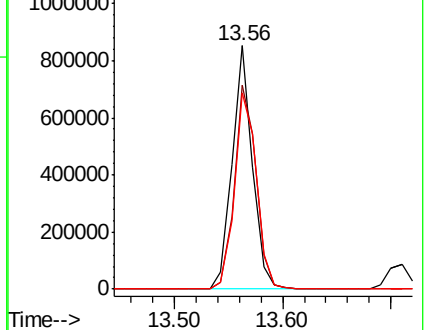
176 80.7 0.0 148.0

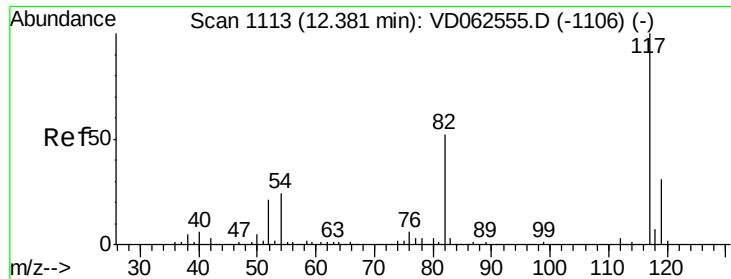


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

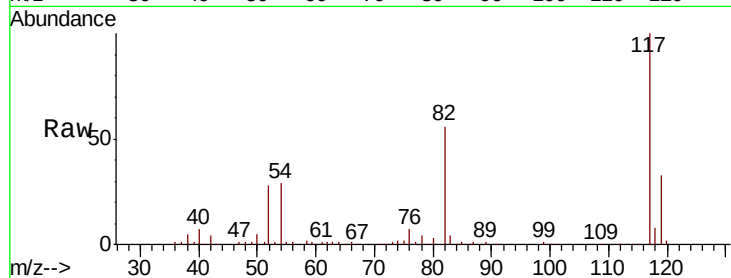
Ion 175.90 (175.60 to 176.60): V



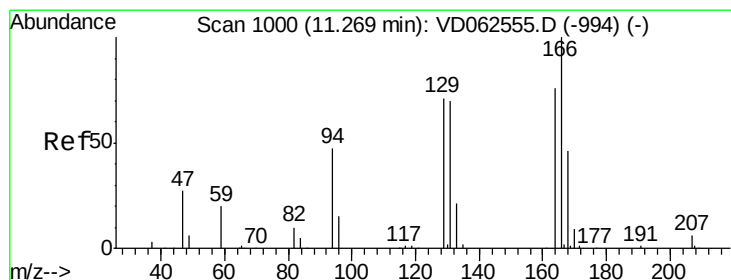
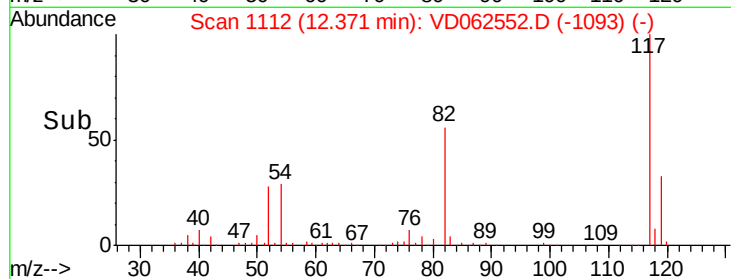
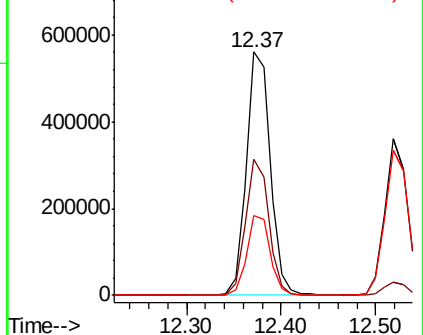


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion:117 Resp: 981108
Ion Ratio Lower Upper
117 100
82 55.7 41.4 62.2
119 32.9 24.9 37.3

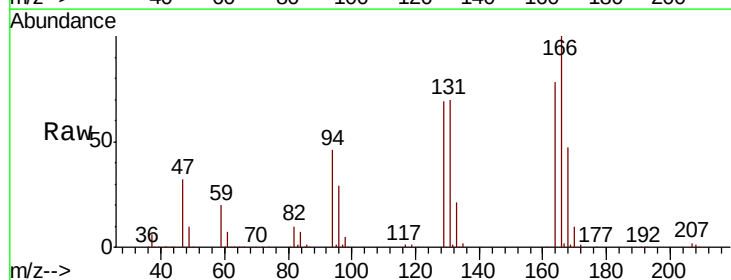


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

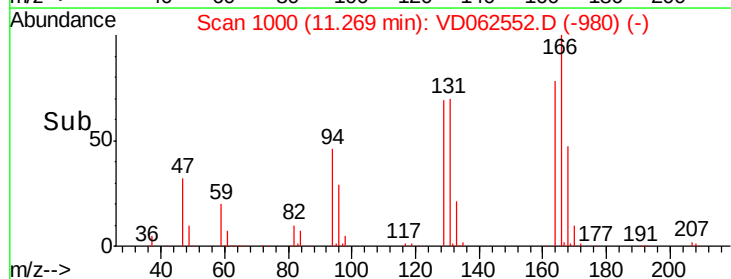
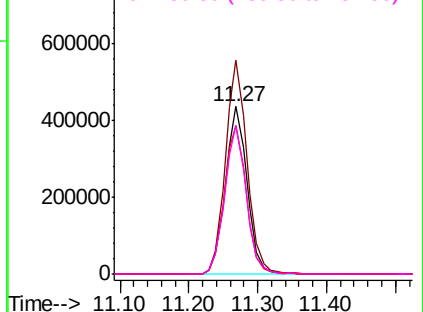


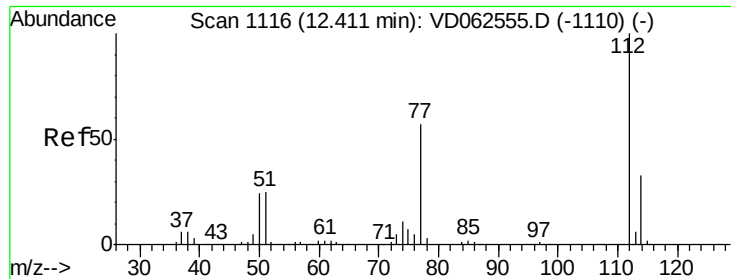
#64
Tetrachloroethene
Concen: 106.619 ug/l
RT: 11.27 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion:164 Resp: 946705
Ion Ratio Lower Upper
164 100
166 127.5 105.3 157.9
129 88.6 75.3 112.9
131 89.0 73.3 109.9



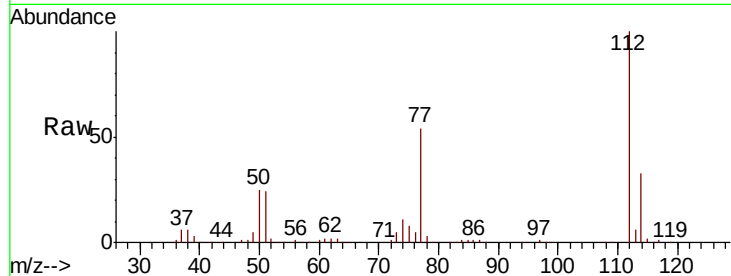
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



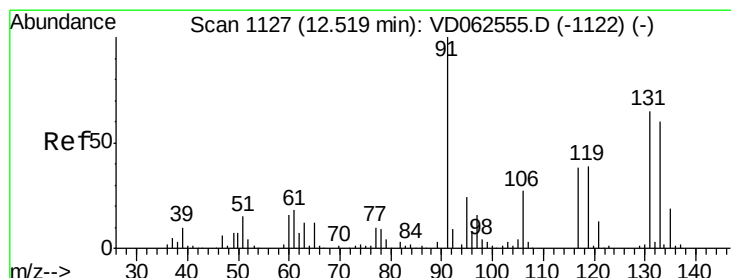
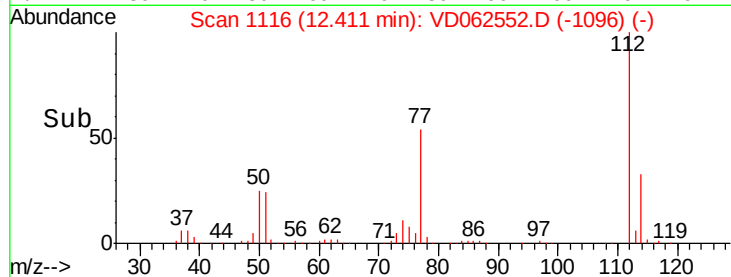
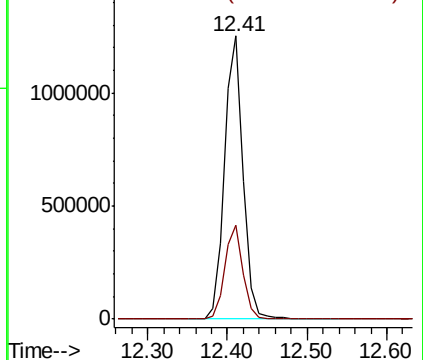


#65
Chlorobenzene
Concen: 103.175 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion:112 Resp: 2046896
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8

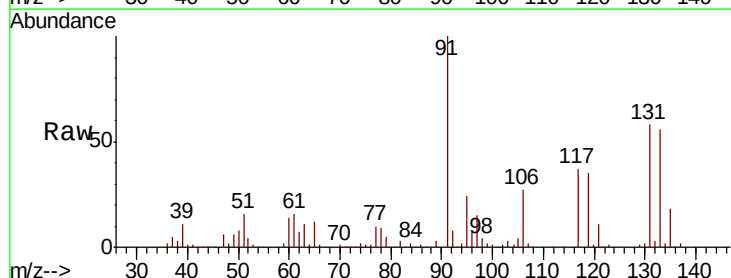


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

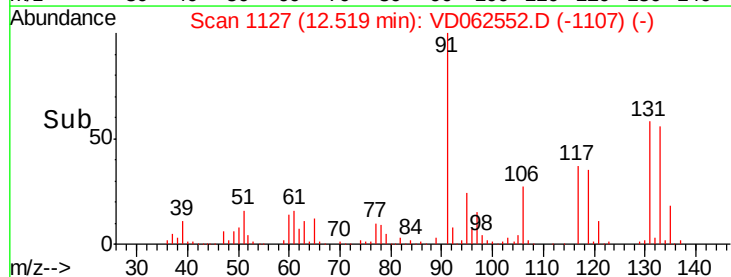
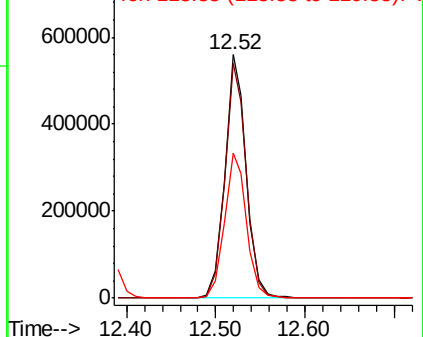


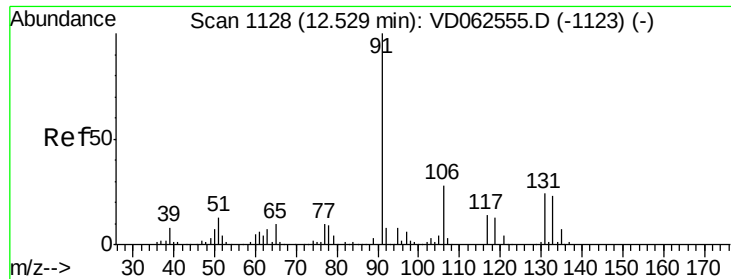
#66
1,1,1,2-Tetrachloroethane
Concen: 101.424 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion:131 Resp: 940344
Ion Ratio Lower Upper
131 100
133 96.6 46.2 138.6
119 59.6 29.5 88.6



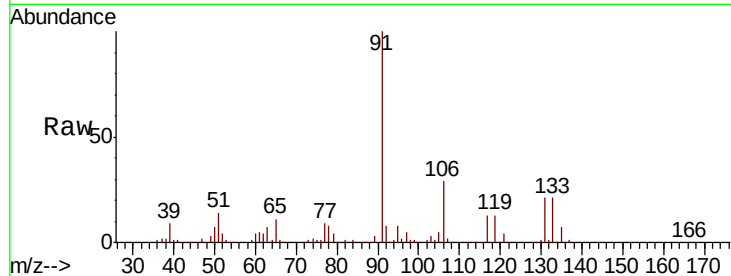
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



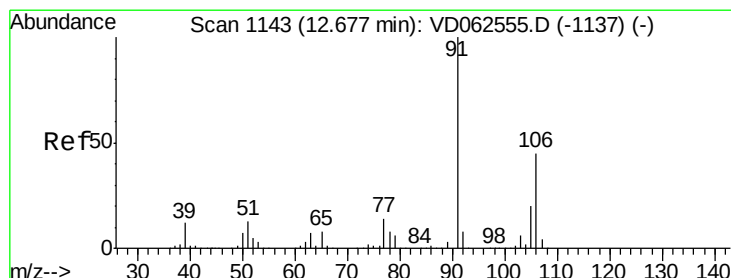
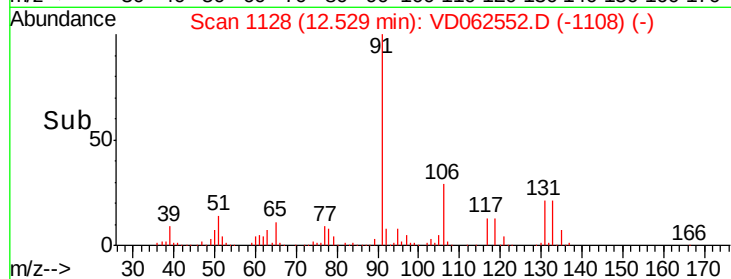
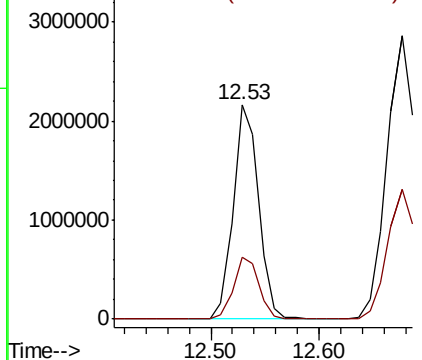


#67
Ethyl Benzene
Concen: 98.618 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion: 91 Resp: 3525216
Ion Ratio Lower Upper
91 100
106 29.0 22.2 33.2

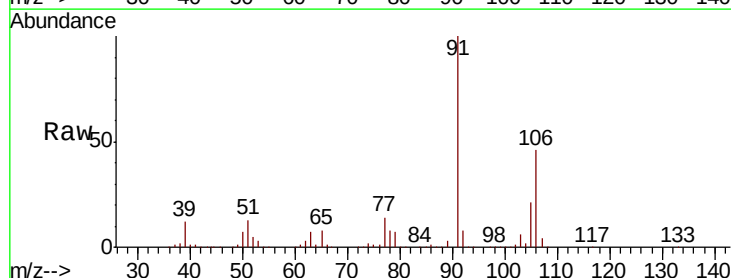


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

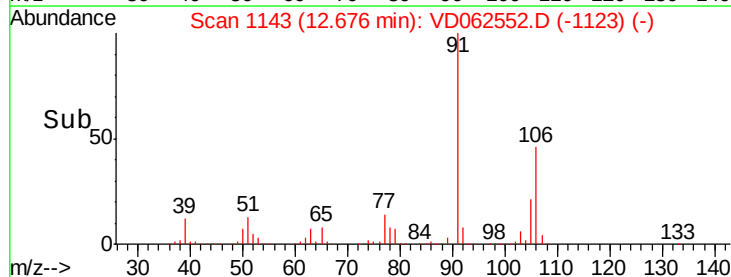
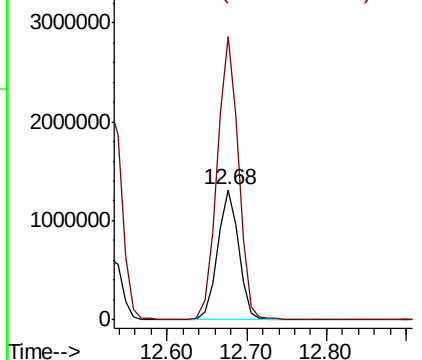


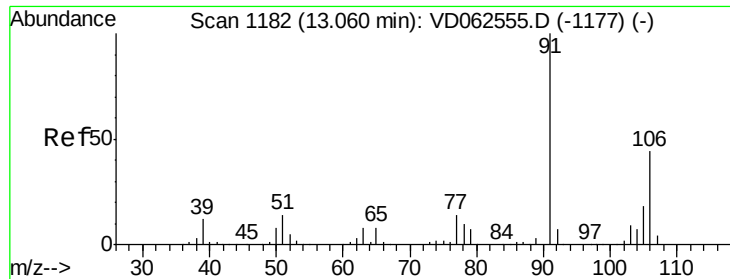
#68
m/p-Xylenes
Concen: 201.506 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion: 106 Resp: 2446225
Ion Ratio Lower Upper
106 100
91 218.1 178.9 268.3



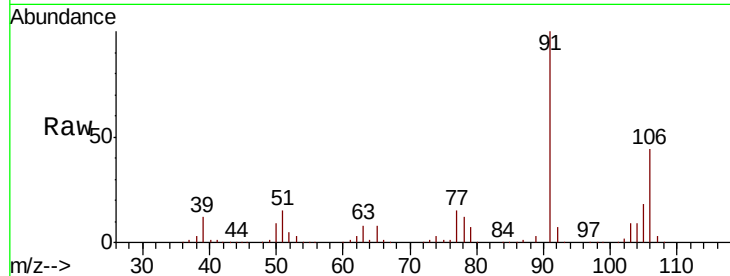
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



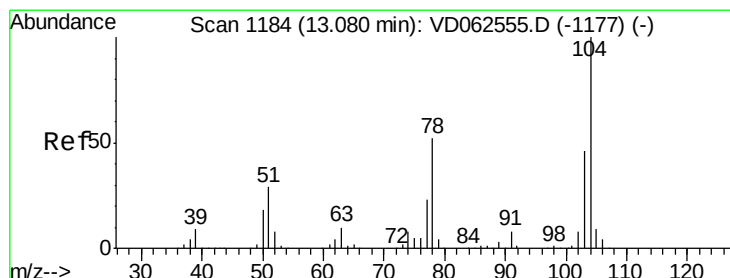
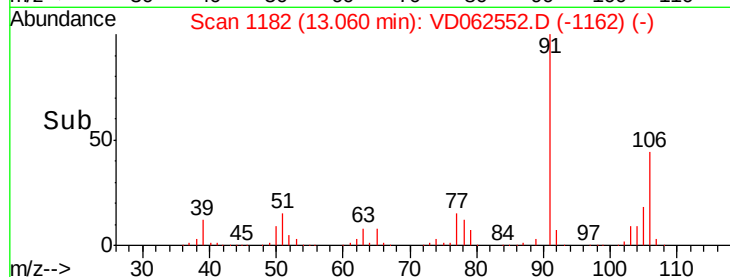
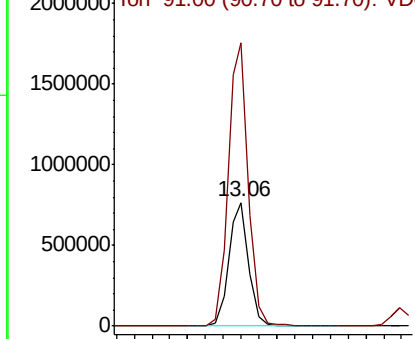


#69
o-Xylene
Concen: 101.547 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tot Ion:106 Resp: 1194560
Ion Ratio Lower Upper
106 100
91 228.3 113.9 341.8

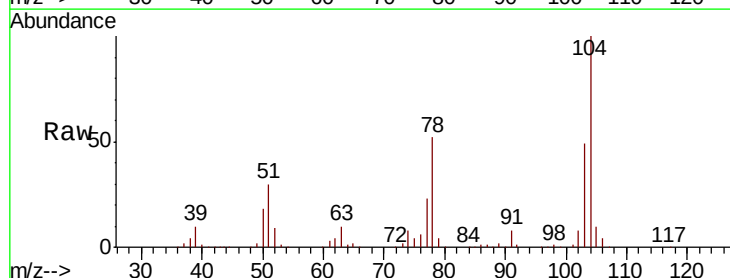


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

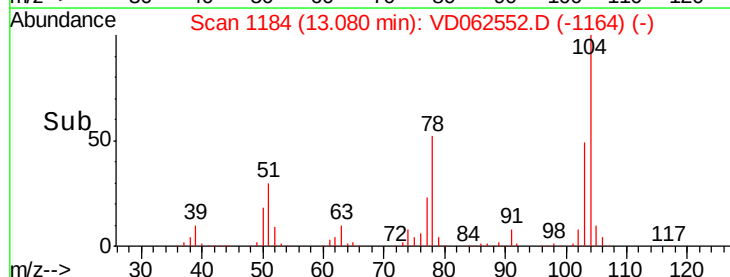
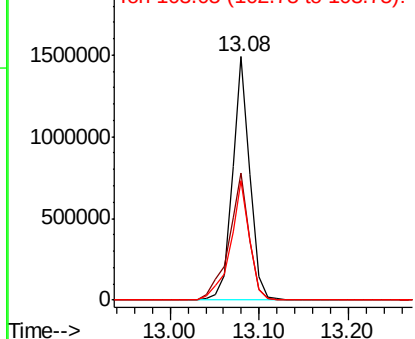


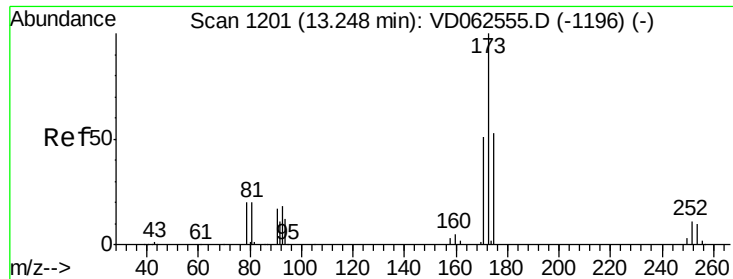
#70
Styrene
Concen: 103.056 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

Tgt Ion:104 Resp: 2049454
Ion Ratio Lower Upper
104 100
78 52.4 41.5 62.3
103 49.0 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: 109.063 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

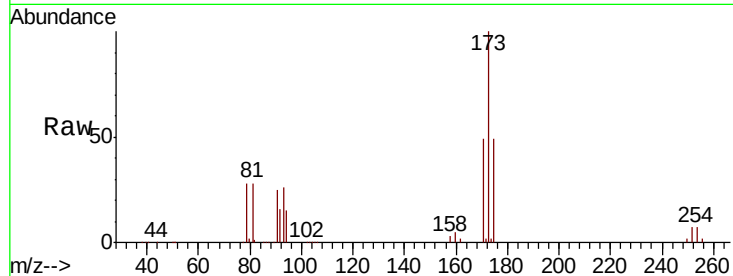
Tot Ion:173 Resp: 703988

Ion	Ratio	Lower	Upper
173	100		
175	49.0	26.6	79.7
254	7.1	8.1	12.1

173 100

175 49.0 26.6 79.7

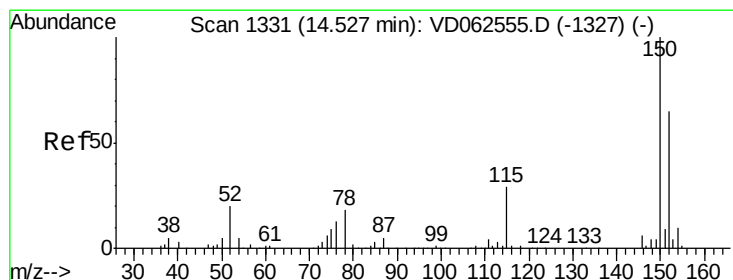
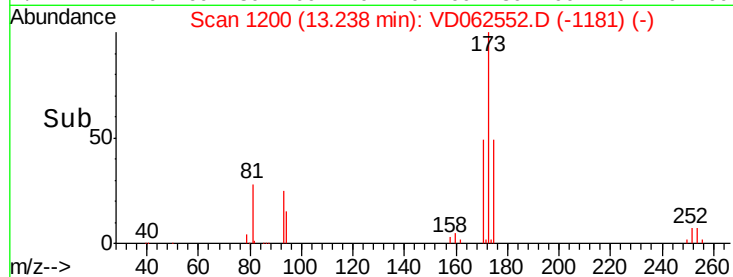
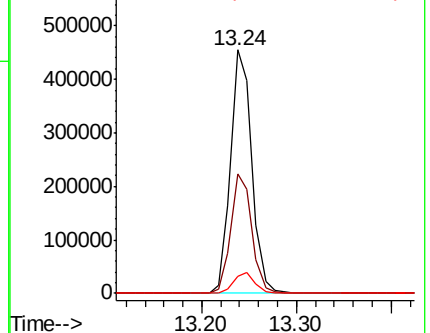
254 7.1 8.1 12.1#



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: VD062552.D

Acq: 30 May 2019 13:54

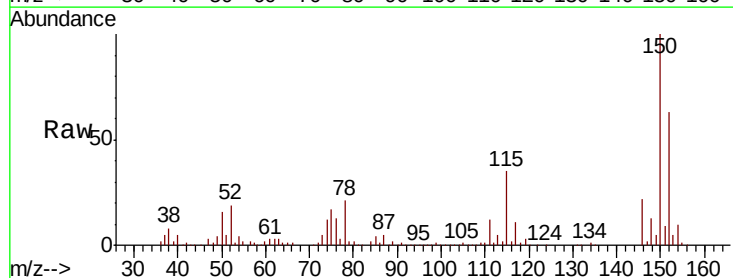
Tgt Ion:152 Resp: 507883

Ion	Ratio	Lower	Upper
152	100		
115	54.9	28.4	85.3
150	157.9	0.0	310.4

152 100

115 54.9 28.4 85.3

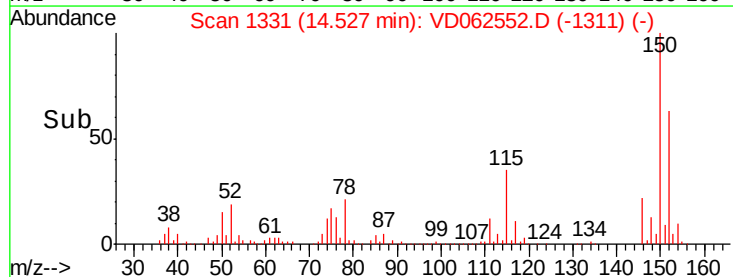
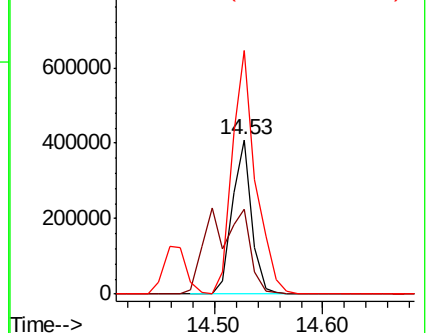
150 157.9 0.0 310.4

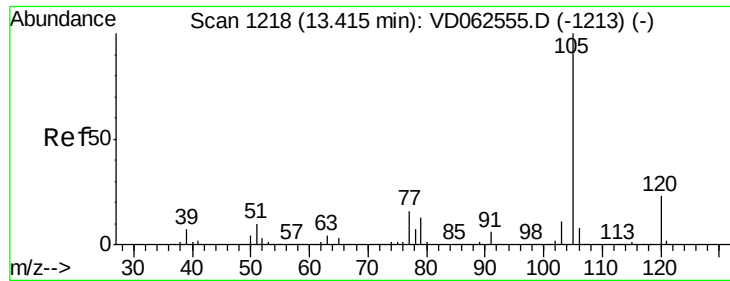


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 110.961 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VD062552.D

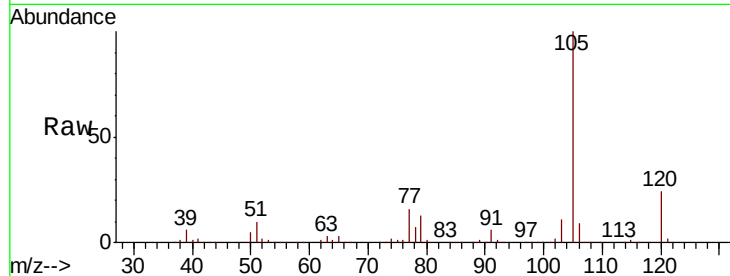
Acq: 30 May 2019 13:54

Tot Ion:105 Resp: 3746961

Ion Ratio Lower Upper

105 100

120 23.5 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

2500000

2000000

1500000

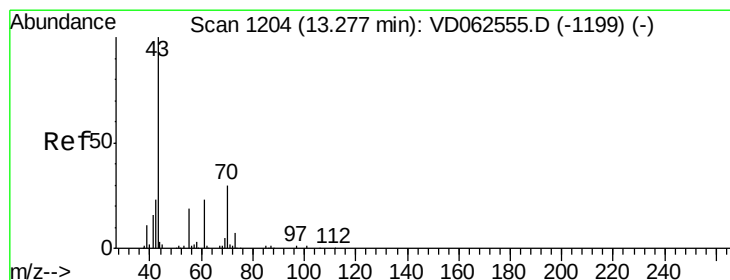
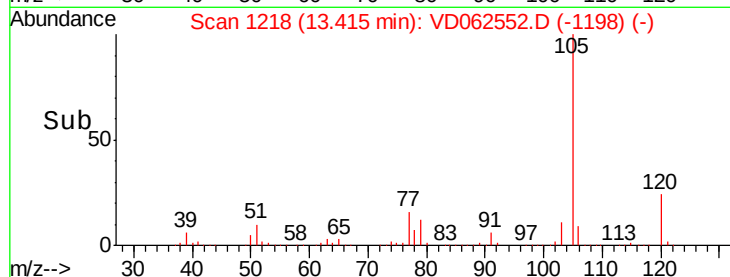
1000000

500000

0

13.30 13.40 13.50

Time-->



#74

N-ethyl acetate

Concen: 117.226 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tgt Ion: 43 Resp: 1017021

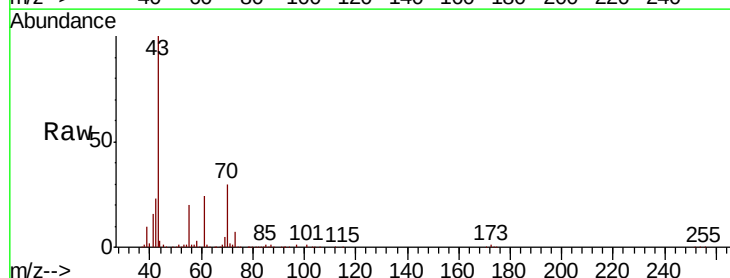
Ion Ratio Lower Upper

43 100

70 30.1 23.7 35.5

55 19.8 15.0 22.4

61 24.3 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

1000000

800000

600000

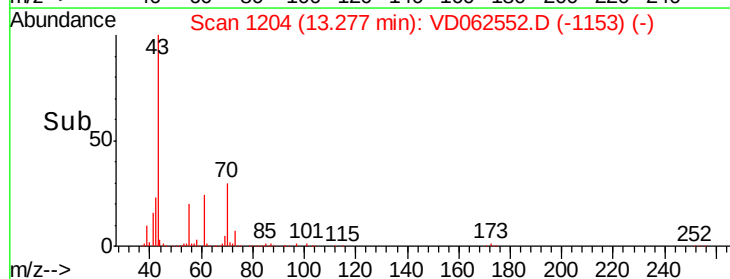
400000

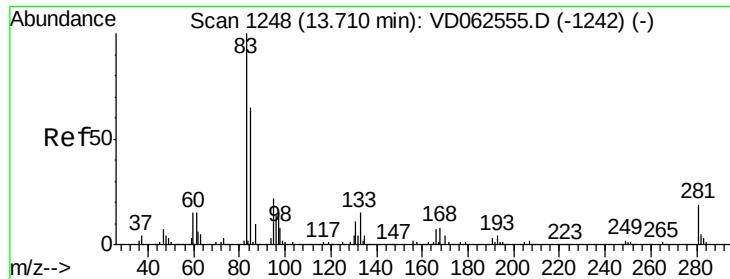
200000

0

13.20 13.30 13.40

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 114.402 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

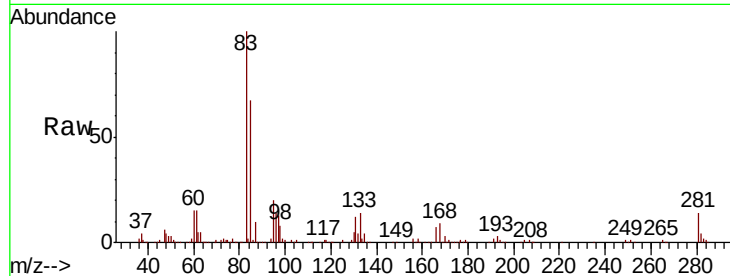
Tot Ion: 83 Resp: 633100

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.7	17.1
85	67.4	32.6	97.8

83 100

131 12.2 5.7 17.1

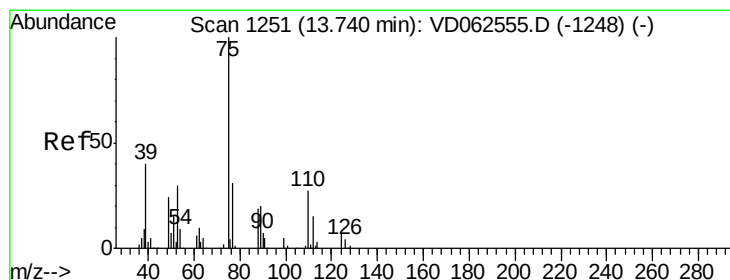
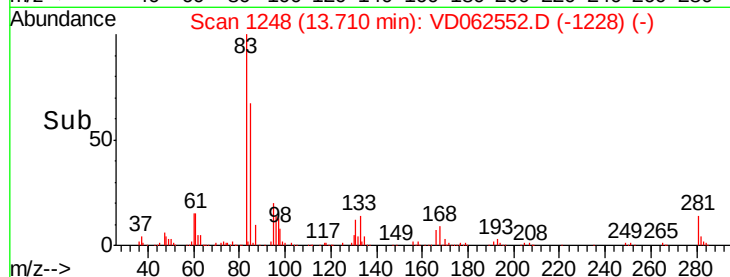
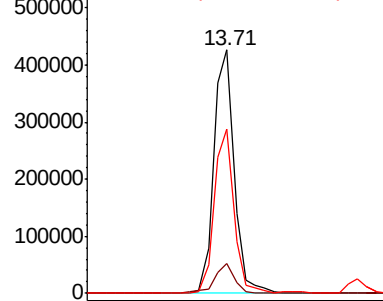
85 67.4 32.6 97.8



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



#76

1,2,3-Trichloropropane

Concen: 112.318 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VD062552.D

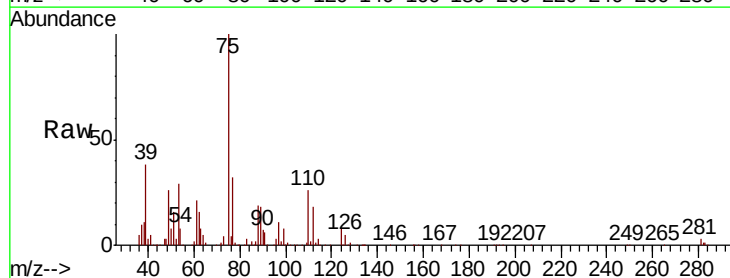
Acq: 30 May 2019 13:54

Tgt Ion: 75 Resp: 720268

Ion	Ratio	Lower	Upper
75	100		
77	31.7	16.5	49.5

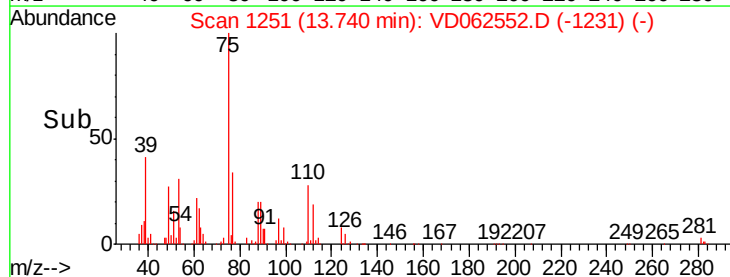
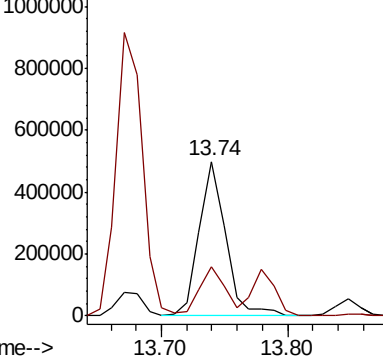
75 100

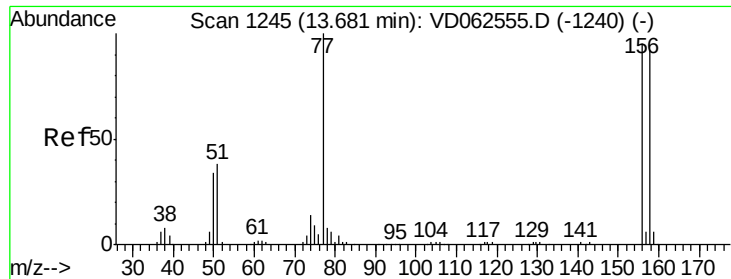
77 31.7 16.5 49.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 110.801 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

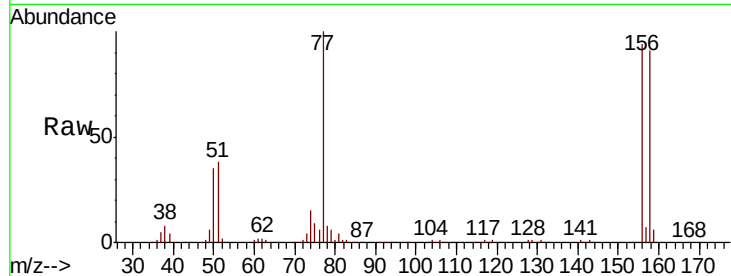
Tot Ion:156 Resp: 1047380

Ion Ratio Lower Upper

156 100

77 106.2 52.9 158.7

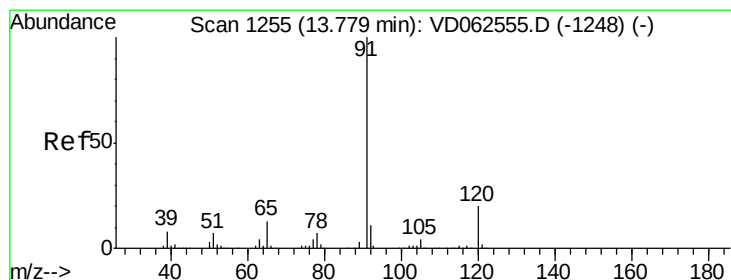
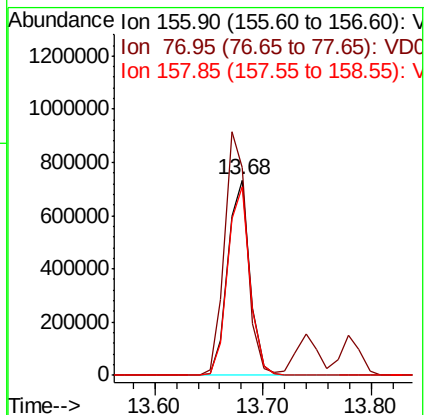
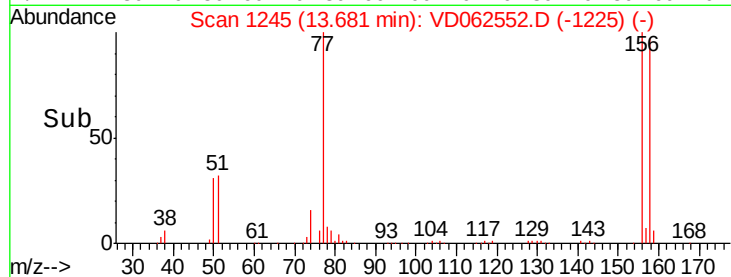
158 96.6 48.5 145.5



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 110.213 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. -0.00 min

Lab File: VD062552.D

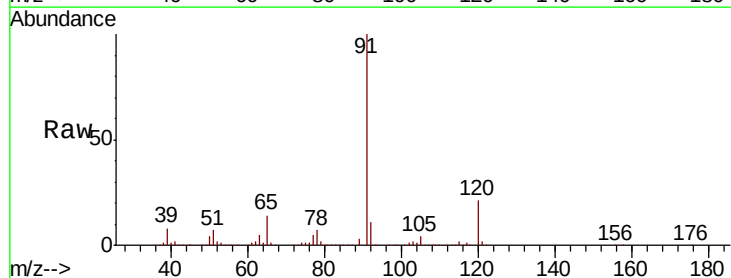
Acq: 30 May 2019 13:54

Tgt Ion: 91 Resp: 4337046

Ion Ratio Lower Upper

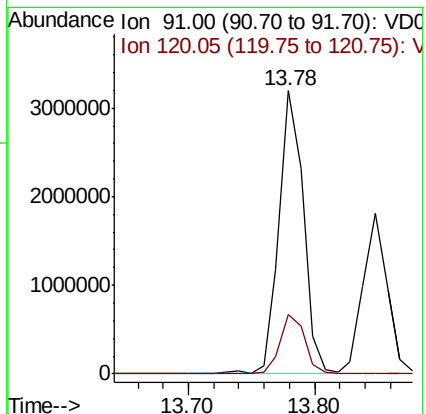
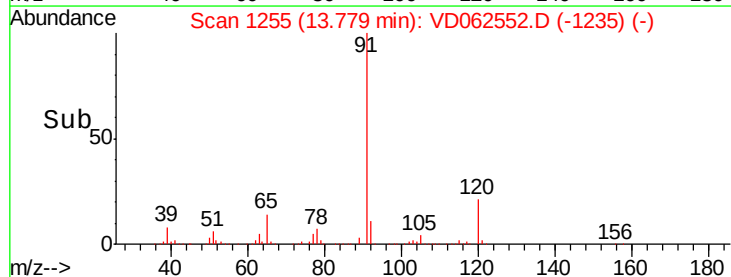
91 100

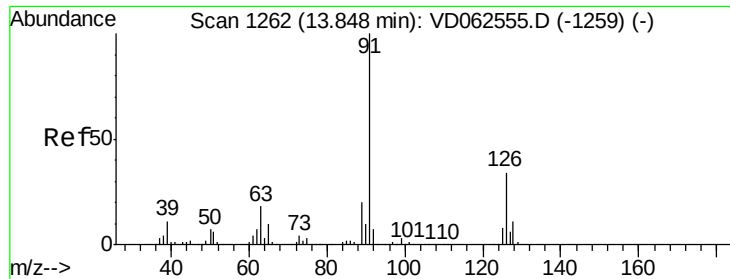
120 20.9 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

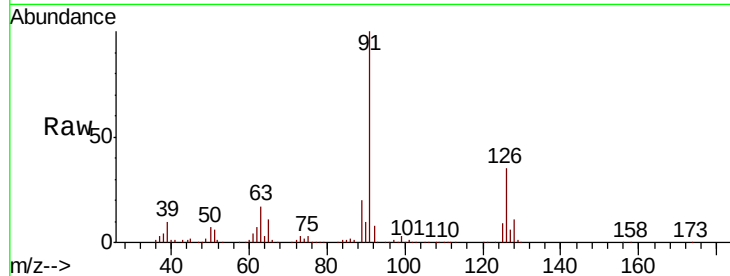
Ion 120.05 (119.75 to 120.75): V



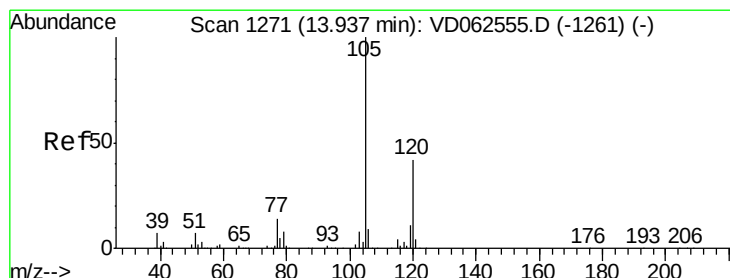
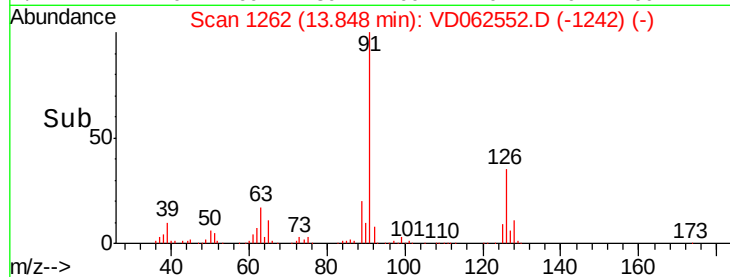
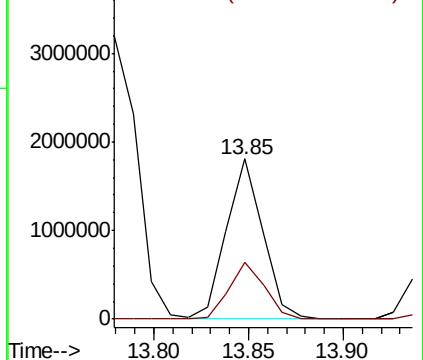


#79
 2-Chlorotoluene
 Concen: 104.186 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion: 91 Resp: 2400236
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.7 50.1

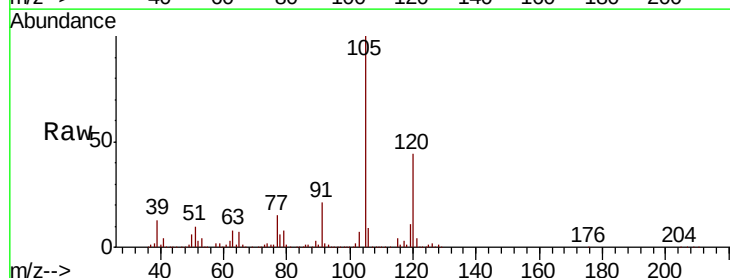


Abundance Ion 91.00 (90.70 to 91.70): V
 Ion 125.95 (125.65 to 126.65): V

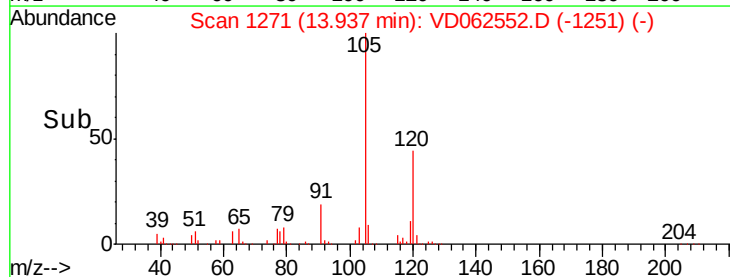
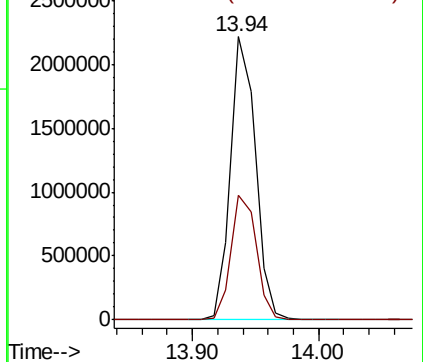


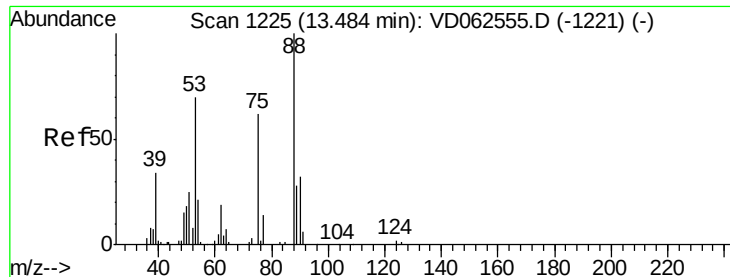
#80
 1,3,5-Trimethylbenzene
 Concen: 102.868 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion:105 Resp: 3013108
 Ion Ratio Lower Upper
 105 100
 120 44.2 20.8 62.5



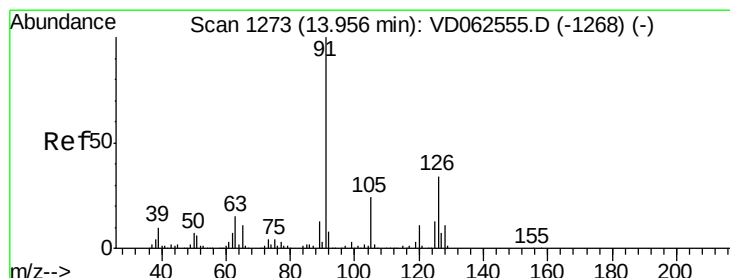
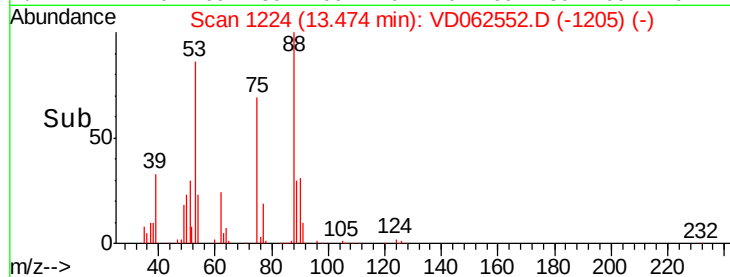
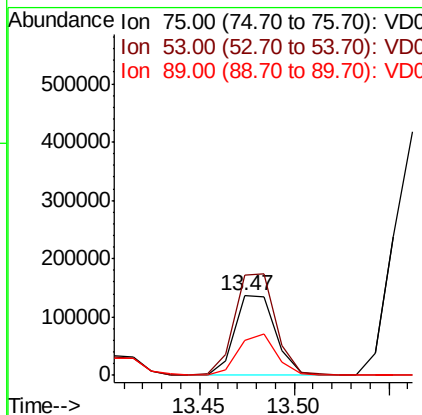
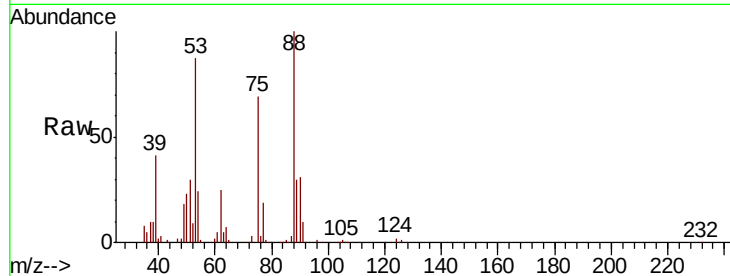
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





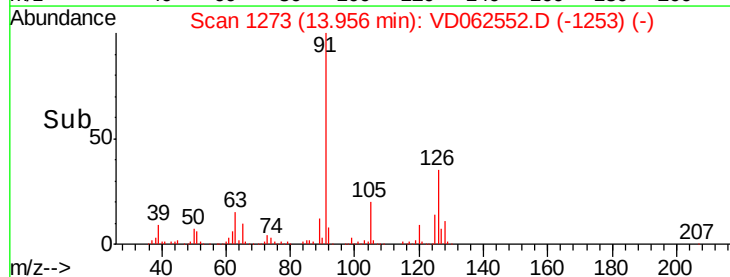
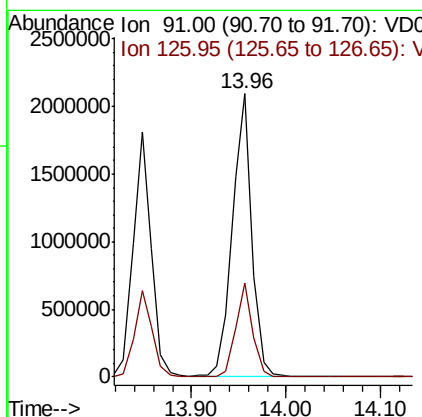
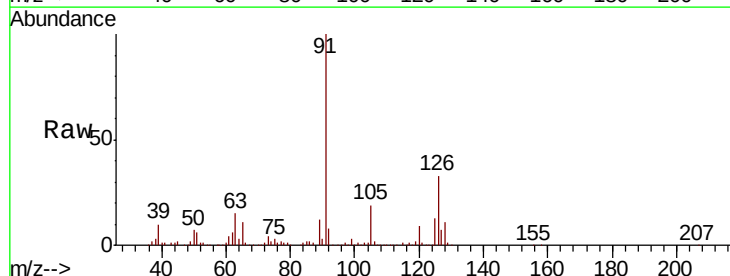
#81
trans-1,4-Dichloro-2-butene
Concen: 117.490 ug/l
RT: 13.47 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

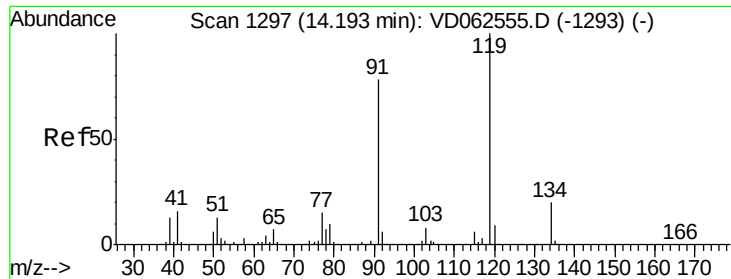
Tot Ion: 75 Resp: 203830
Ion Ratio Lower Upper
75 100
53 126.4 91.0 136.4
89 43.5 36.9 55.3



#82
4-Chlorotoluene
Concen: 106.462 ug/l
RT: 13.96 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

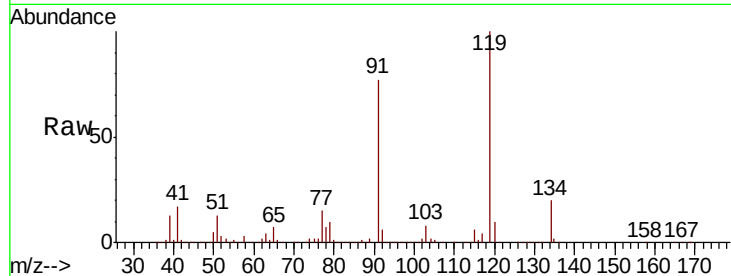
Tgt Ion: 91 Resp: 2949499
Ion Ratio Lower Upper
91 100
126 33.3 16.9 50.7



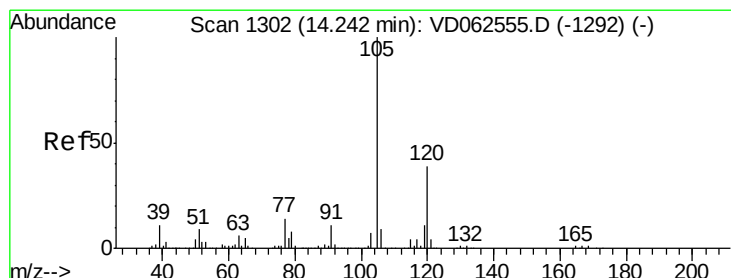
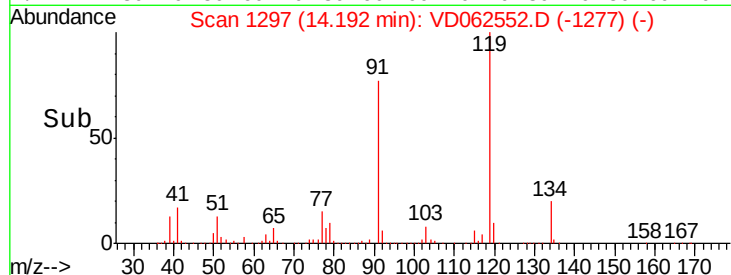
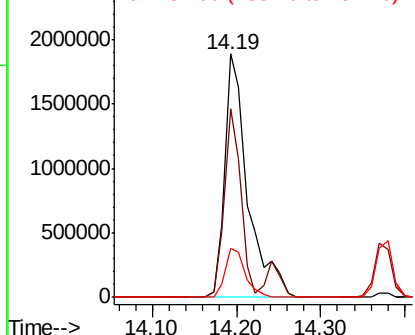


#83
 tert-Butylbenzene
 Concen: 111.675 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion:119 Resp: 3598529
 Ion Ratio Lower Upper
 119 100
 91 77.4 39.1 117.5
 134 20.3 10.1 30.3

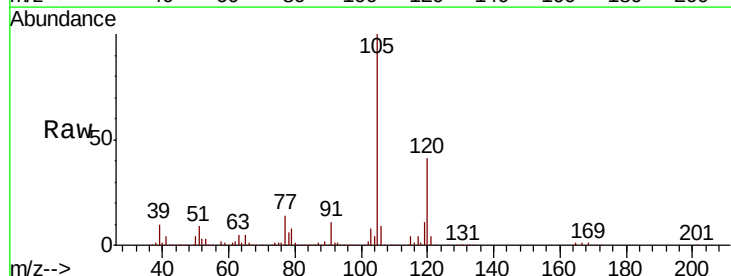


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

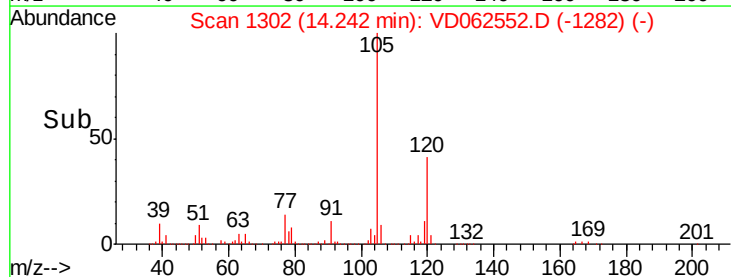
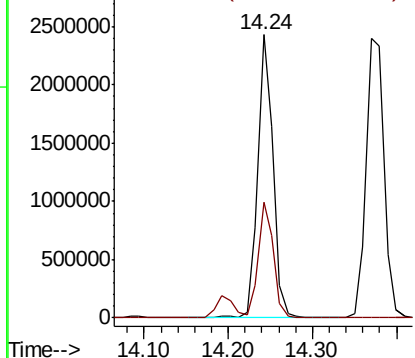


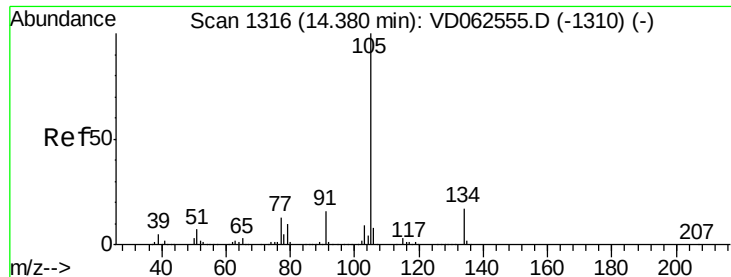
#84
 1,2,4-Trimethylbenzene
 Concen: 106.446 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion:105 Resp: 3117272
 Ion Ratio Lower Upper
 105 100
 120 41.0 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: 103.299 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD062552.D

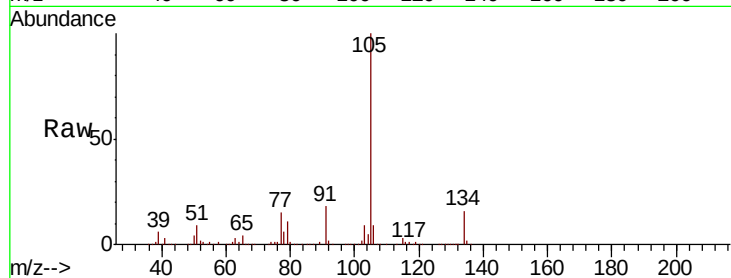
Acq: 30 May 2019 13:54

Tot Ion:105 Resp: 3549877

Ion Ratio Lower Upper

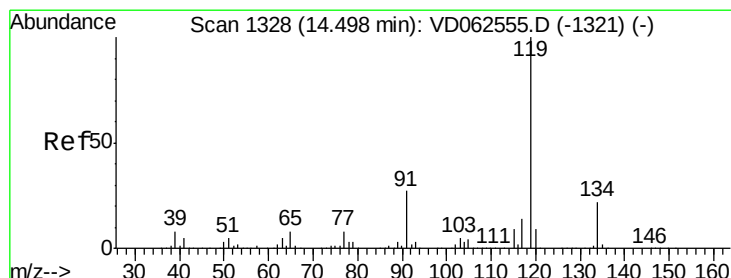
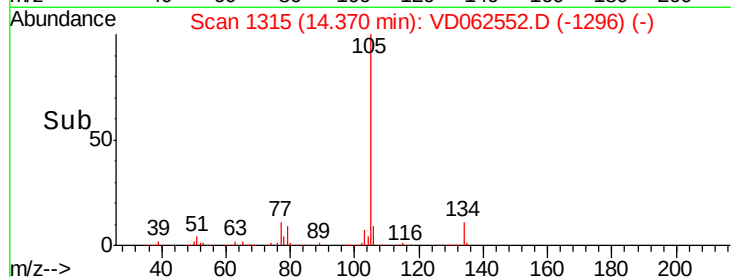
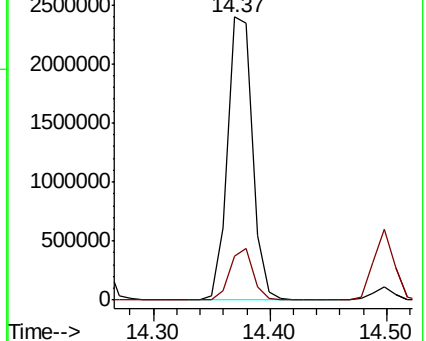
105 100

134 15.7 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 102.023 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

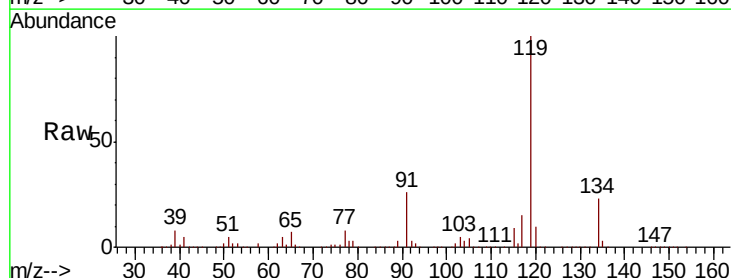
Tgt Ion:119 Resp: 3297509

Ion Ratio Lower Upper

119 100

134 22.9 11.2 33.6

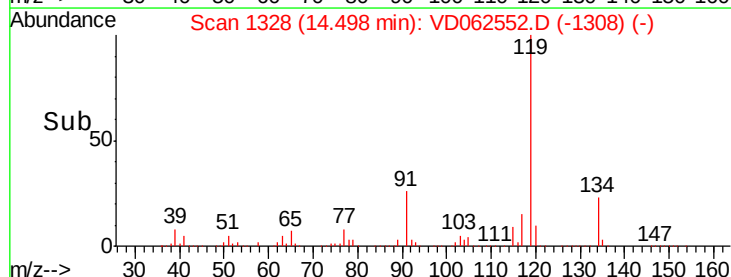
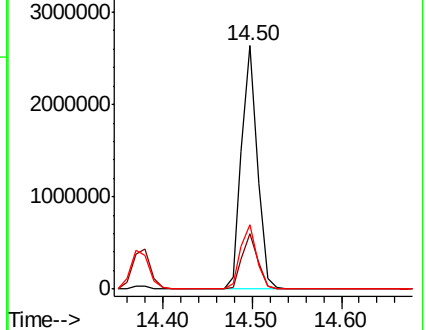
91 26.3 13.6 40.7

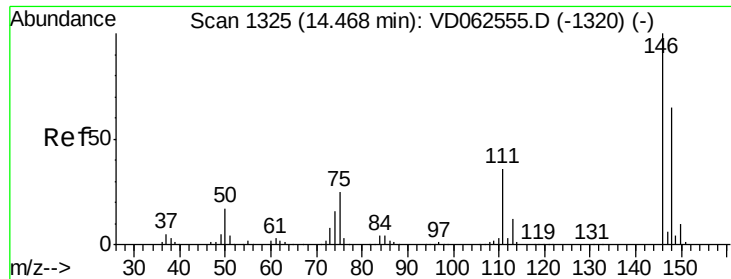


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

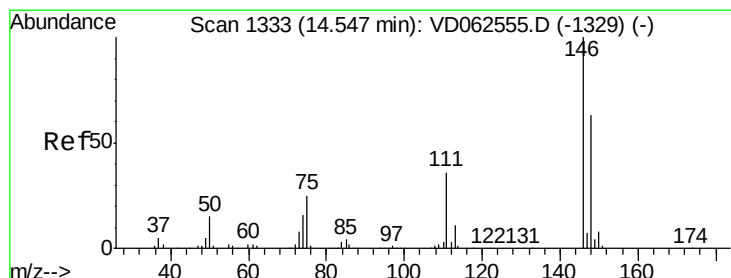
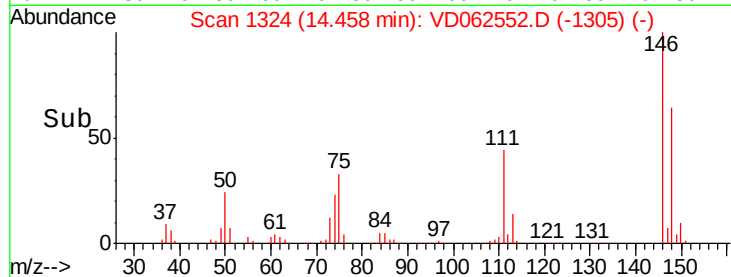
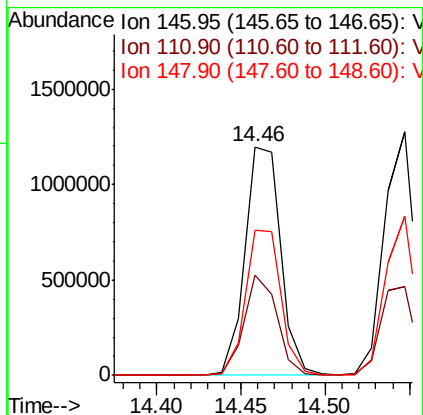
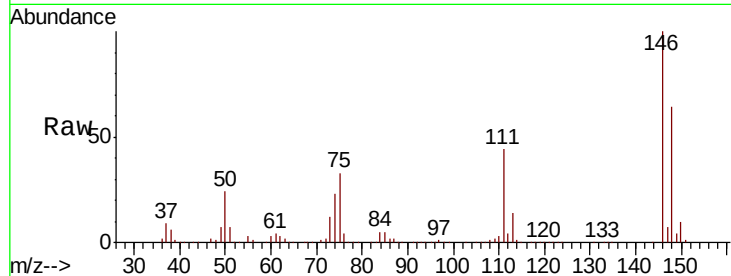
Ion 91.00 (90.70 to 91.70): V





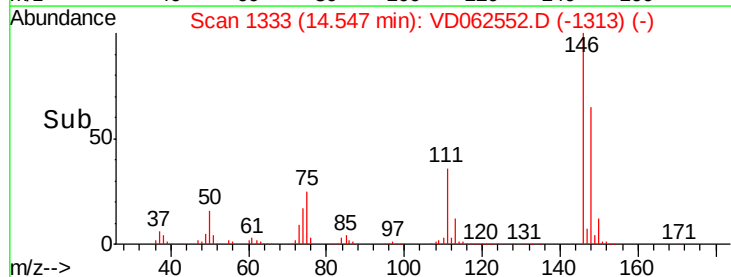
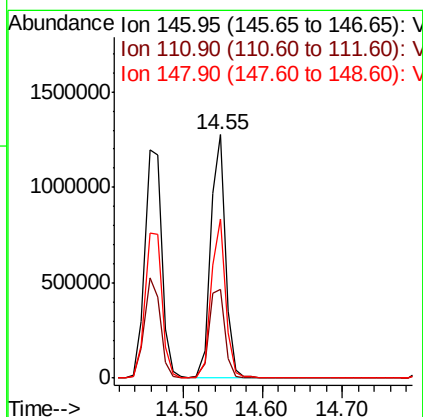
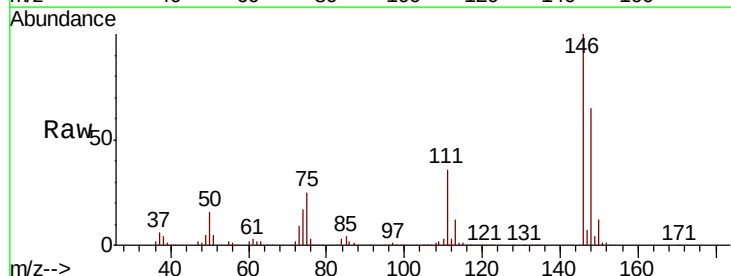
#87
 1,3-Dichlorobenzene
 Concen: 106.607 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

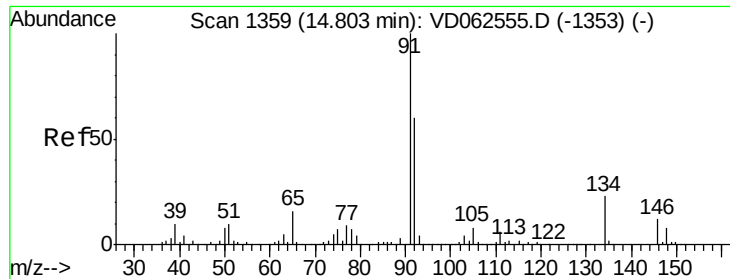
Tot Ion:146 Resp: 1759136
 Ion Ratio Lower Upper
 146 100
 111 43.9 18.1 54.4
 148 63.8 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 102.855 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

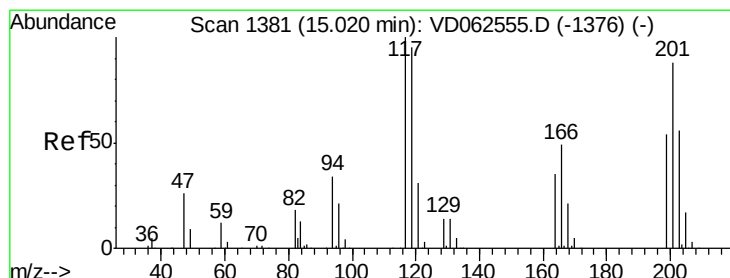
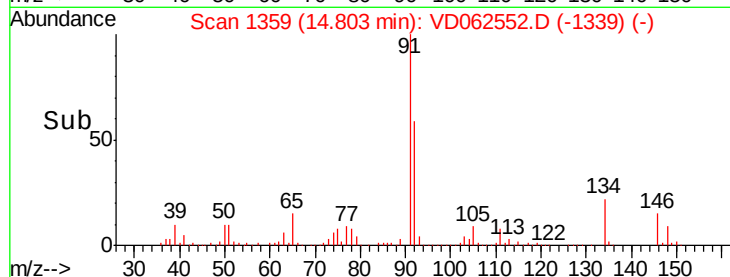
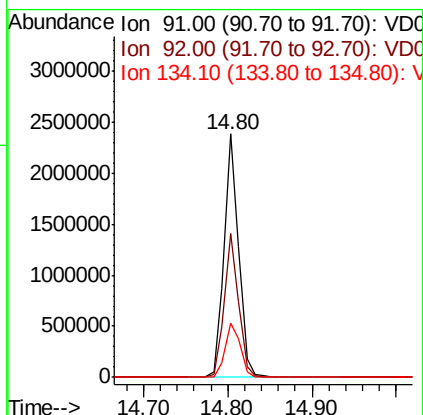
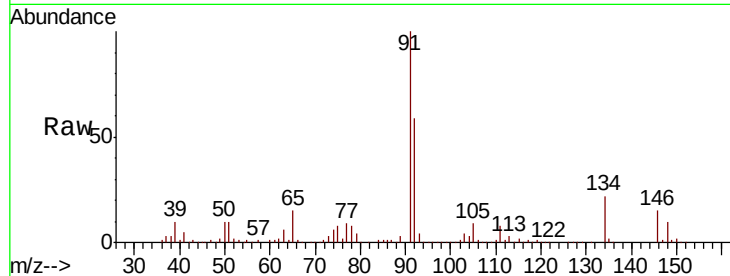
Tgt Ion:146 Resp: 1664505
 Ion Ratio Lower Upper
 146 100
 111 36.2 18.2 54.6
 148 65.2 31.6 94.8





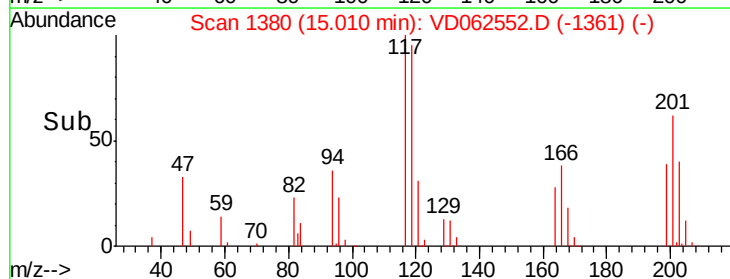
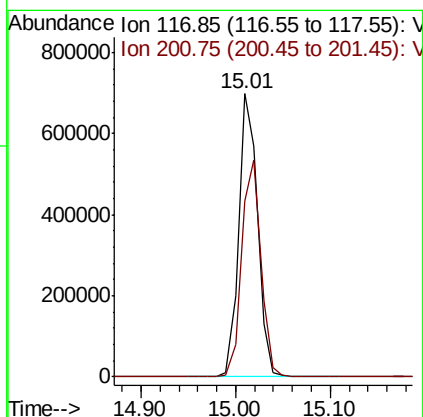
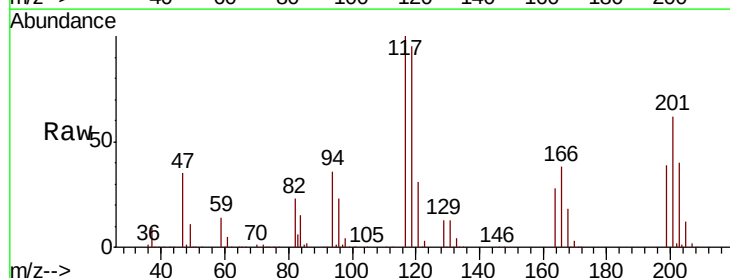
#89
n-Butylbenzene
Concen: 97.494 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

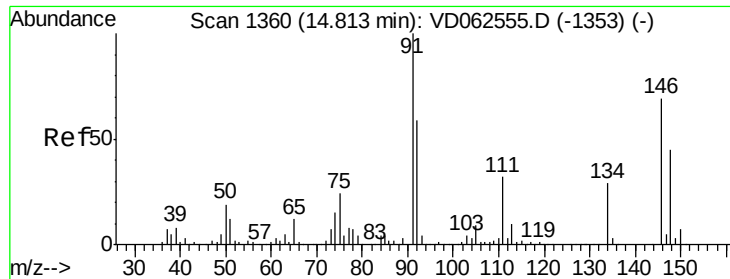
Tot Ion: 91 Resp: 2867289
Ion Ratio Lower Upper
91 100
92 59.0 29.8 89.4
134 22.2 11.3 33.8



#90
Hexachloroethane
Concen: 111.716 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VD062552.D
Acq: 30 May 2019 13:54

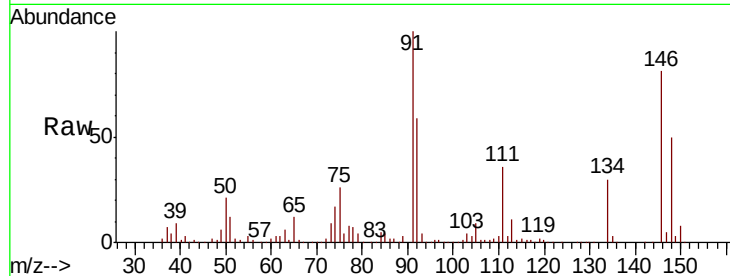
Tgt Ion: 117 Resp: 964971
Ion Ratio Lower Upper
117 100
201 62.3 43.8 131.4



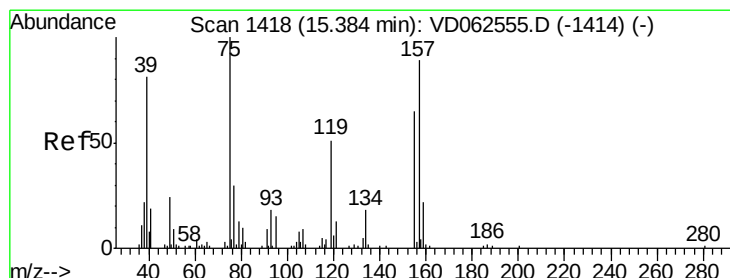
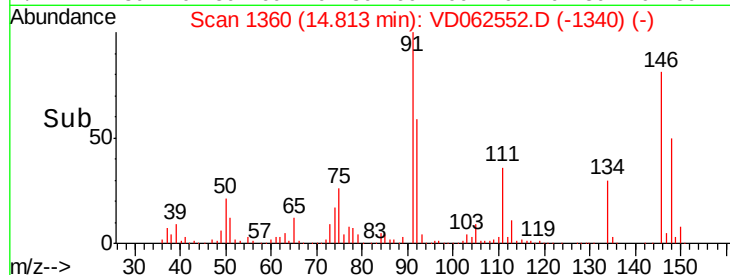
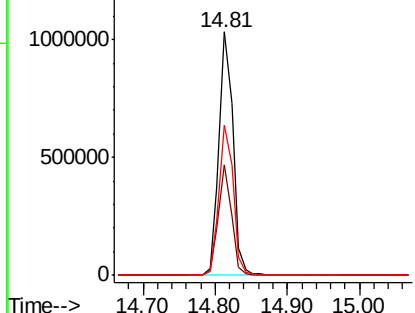


#91
 1,2-Dichlorobenzene
 Concen: 97.746 ug/l
 RT: 14.81 min Scan# 1360
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion:146 Resp: 1374063
 Ion Ratio Lower Upper
 146 100
 111 45.2 22.8 68.4
 148 61.8 32.3 96.9

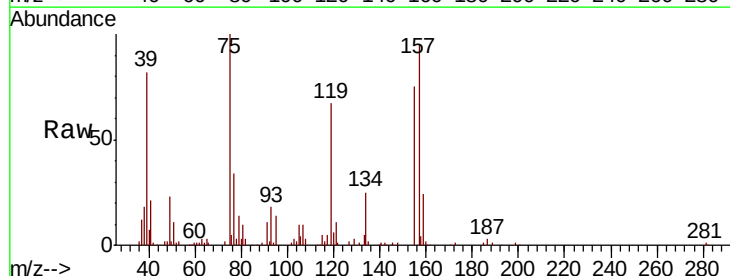


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

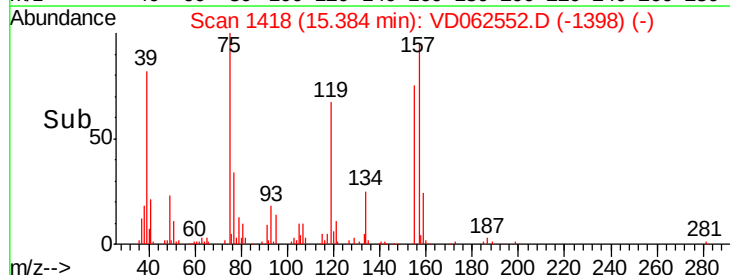
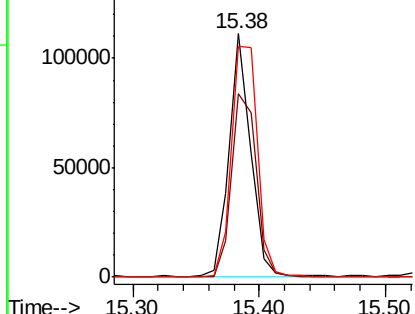


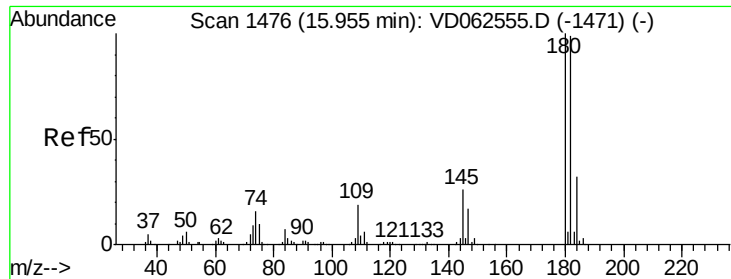
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 117.586 ug/l
 RT: 15.38 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion: 75 Resp: 132033
 Ion Ratio Lower Upper
 75 100
 155 75.2 32.6 97.8
 157 94.6 44.5 133.7



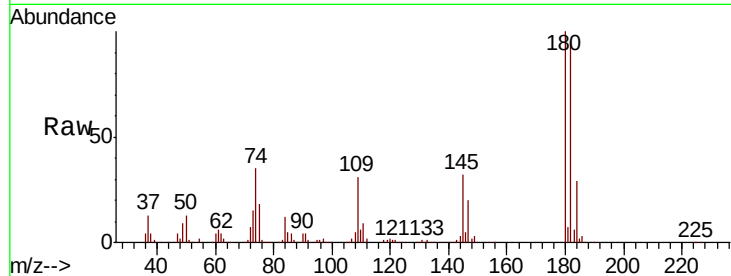
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



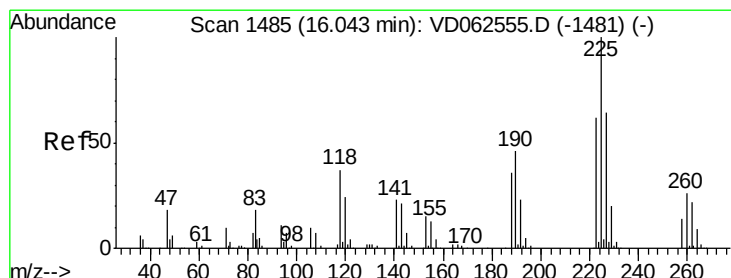
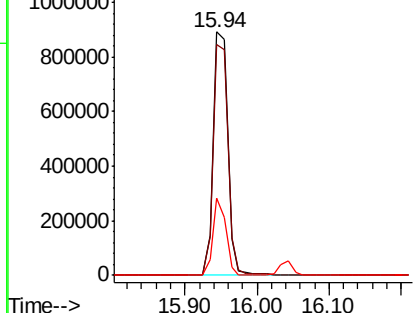
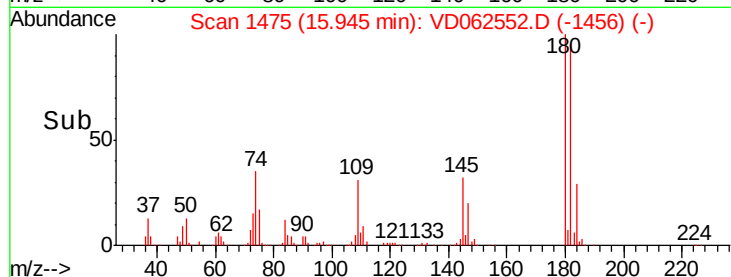


#93
 1,2,4-Trichlorobenzene
 Concen: 114.627 ug/l
 RT: 15.94 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tot Ion:180 Resp: 1244326
 Ion Ratio Lower Upper
 180 100
 182 94.6 49.5 148.3
 145 32.0 13.1 39.3

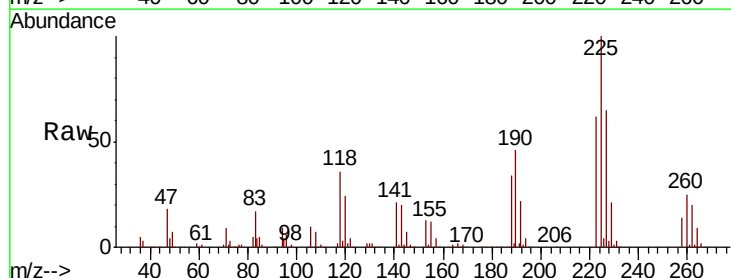


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

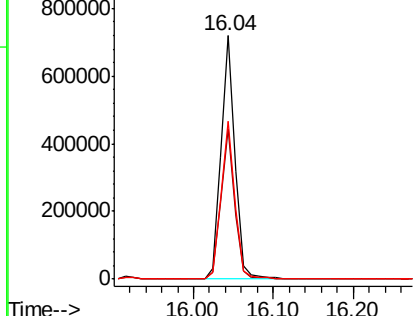
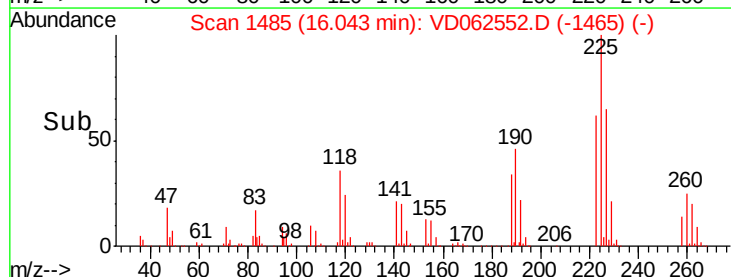


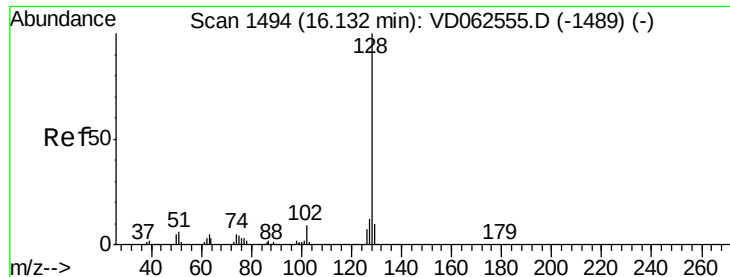
#94
 Hexachlorobutadiene
 Concen: 112.199 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD062552.D
 Acq: 30 May 2019 13:54

Tgt Ion:225 Resp: 893384
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.1 93.5
 227 65.0 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: 110.055 ug/l

RT: 16.13 min Scan# 1494

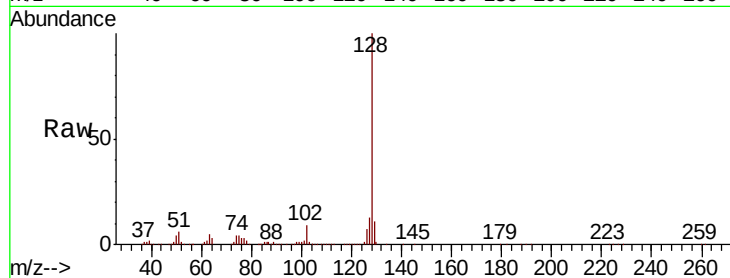
Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tot Ion:128 Resp: 1686489

Ion	Ratio	Lower	Upper
128	100		
127	13.0	9.7	14.5
129	10.5	8.2	12.2

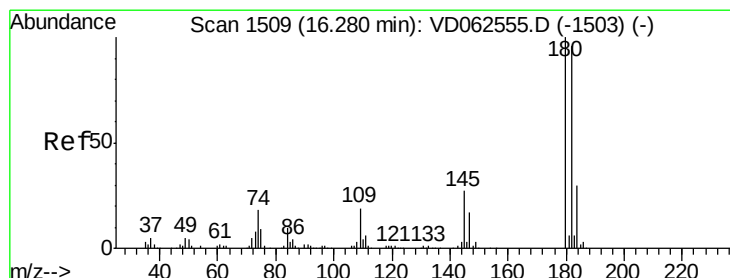
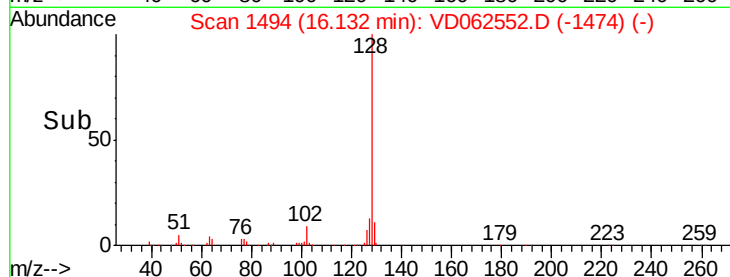
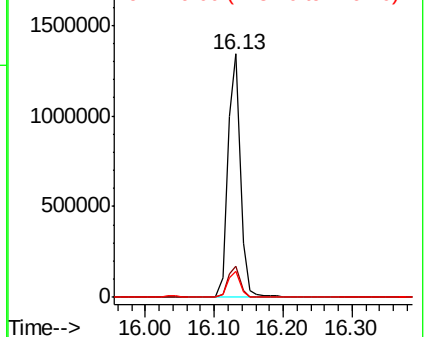


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 115.348 ug/l

RT: 16.28 min Scan# 1509

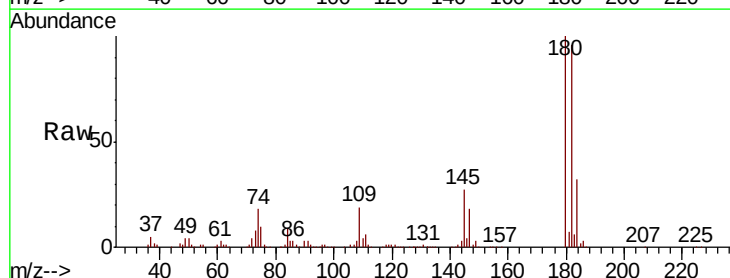
Delta R.T. -0.00 min

Lab File: VD062552.D

Acq: 30 May 2019 13:54

Tgt Ion:180 Resp: 944119

Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.1	144.3
145	27.5	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

