

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062550.D
 Acq On : 30 May 2019 13:00
 Operator : VA/AP
 Sample : VSTDICCC050
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 31 01:13:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	864966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1091518	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	977195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	526966	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	477040	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
35) Dibromofluoromethane	6.93	113	492940	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	10.42	98	1086427	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
62) 4-Bromofluorobenzene	13.56	95	500665	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	461197	44.751	ug/l	91
3) Chloromethane	1.74	50	535868	45.596	ug/l	96
4) Vinyl Chloride	1.85	62	385396	48.656	ug/l	94
5) Bromomethane	2.16	94	113960	46.882	ug/l	98
6) Chloroethane	2.26	64	192472	50.956	ug/l	100
7) Trichlorofluoromethane	2.53	101	802123	48.474	ug/l	96
8) Diethyl Ether	2.87	74	115093	54.133	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.15	101	468027	47.813	ug/l	94
10) Methyl Iodide	3.31	142	570964	53.414	ug/l	97
11) Tert butyl alcohol	4.07	59	110249	236.233	ug/l #	95
12) 1,1-Dichloroethene	3.13	96	334862	48.132	ug/l	99
13) Acrolein	3.03	56	40916	202.547	ug/l	95
14) Allyl chloride	3.62	41	560227	51.435	ug/l	95
15) Acrylonitrile	4.20	53	275598	262.167	ug/l	97
16) Acetone	3.23	43	555546	265.336	ug/l	94
17) Carbon Disulfide	3.38	76	1120849	50.700	ug/l	98
18) Methyl Acetate	3.64	43	151062	44.353	ug/l	93
19) Methyl tert-butyl Ether	4.24	73	830367	49.001	ug/l	99
20) Methylene Chloride	3.82	84	359702	49.019	ug/l	97
21) trans-1,2-Dichloroethene	4.22	96	401699	50.929	ug/l	88
22) Diisopropyl ether	5.13	45	1159016	52.860	ug/l	95
23) Vinyl Acetate	5.07	43	3554790	266.398	ug/l	99
24) 1,1-Dichloroethane	4.99	63	709976	49.565	ug/l	97
25) 2-Butanone	6.08	43	502070	260.932	ug/l	99
26) 2,2-Dichloropropane	6.03	77	784037	50.412	ug/l	98
27) cis-1,2-Dichloroethene	6.04	96	428561	52.748	ug/l	97
28) Bromochloromethane	6.45	49	228343	48.065	ug/l	98
29) Tetrahydrofuran	6.47	42	228706	258.535	ug/l	95
30) Chloroform	6.66	83	906606	52.600	ug/l	97
31) Cyclohexane	6.96	56	463861	48.881	ug/l	95
32) 1,1,1-Trichloroethane	6.88	97	894618	50.828	ug/l	98
36) 1,1-Dichloropropene	7.16	75	605137	54.665	ug/l	97
37) Ethyl Acetate	6.19	43	238393	48.226	ug/l	98
38) Carbon Tetrachloride	7.12	117	1002699	59.970	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	8.87	83	537389	57.947	ug/l	98
40) Benzene	7.46	78	1230101	56.568	ug/l	100
41) Methacrylonitrile	6.46	41	313444	56.568	ug/l	95
42) 1,2-Dichloroethane	7.59	62	674619	55.569	ug/l	99
43) Isopropyl Acetate	9.24	43	342011	58.352	ug/l #	99
44) Trichloroethene	8.54	130	478190	54.939	ug/l	93
45) 1,2-Dichloropropane	8.95	63	290141	54.319	ug/l	100
46) Dibromomethane	9.07	93	255871	57.430	ug/l	97
47) Bromodichloromethane	9.38	83	679018	54.865	ug/l	99
48) Methyl methacrylate	9.13	41	214329	53.219	ug/l	99
49) 1,4-Dioxane	9.10	88	36836	1126.702	ug/l #	84
51) 4-Methyl-2-Pentanone	10.31	43	1114984	268.908	ug/l	100
52) Toluene	10.51	92	794433	53.700	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	595702	56.304	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	591756	54.108	ug/l	93
55) 1,1,2-Trichloroethane	11.20	97	257310	52.306	ug/l	96
56) Ethyl methacrylate	11.05	69	317022	60.929	ug/l	93
57) 1,3-Dichloropropane	11.42	76	423229	56.803	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	728941	270.301	ug/l	96
59) 2-Hexanone	11.54	43	785929	271.291	ug/l	96
60) Dibromochloromethane	11.69	129	521750	54.672	ug/l	95
61) 1,2-Dibromoethane	11.81	107	334915	57.534	ug/l	94
64) Tetrachloroethene	11.27	164	432639	48.919	ug/l	93
65) Chlorobenzene	12.40	112	1002593	50.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	464173	50.265	ug/l	98
67) Ethyl Benzene	12.53	91	1699773	47.741	ug/l	97
68) m/p-Xylenes	12.68	106	1260380	104.239	ug/l	99
69) o-Xylene	13.05	106	569927	48.642	ug/l	92
70) Styrene	13.08	104	1033673	52.186	ug/l	98
71) Bromoform	13.24	173	332733	51.754	ug/l #	90
73) Isopropylbenzene	13.41	105	1783140	50.893	ug/l	98
74) N-amyl acetate	13.27	43	478126	53.115	ug/l	98
75) 1,1,2,2-Tetrachloroethane	13.70	83	300355	52.309	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	364722	54.815	ug/l	97
77) Bromobenzene	13.67	156	498784	50.855	ug/l	85
78) n-propylbenzene	13.78	91	2135785	52.309	ug/l	95
79) 2-Chlorotoluene	13.84	91	1270621	53.156	ug/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	1642471	54.044	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	93259	51.809	ug/l	88
82) 4-Chlorotoluene	13.95	91	1497713	52.102	ug/l	91
83) tert-Butylbenzene	14.19	119	1686435	50.441	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	1527745	50.279	ug/l	94
85) sec-Butylbenzene	14.37	105	1824622	51.173	ug/l	98
86) p-Isopropyltoluene	14.50	119	1648602	49.160	ug/l	97
87) 1,3-Dichlorobenzene	14.46	146	888162	51.875	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	870520	51.844	ug/l	96
89) n-Butylbenzene	14.81	91	1544931	50.629	ug/l	99
90) Hexachloroethane	15.01	117	465302	51.918	ug/l	84
91) 1,2-Dichlorobenzene	14.82	146	742740	50.923	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	64359	55.241	ug/l	87

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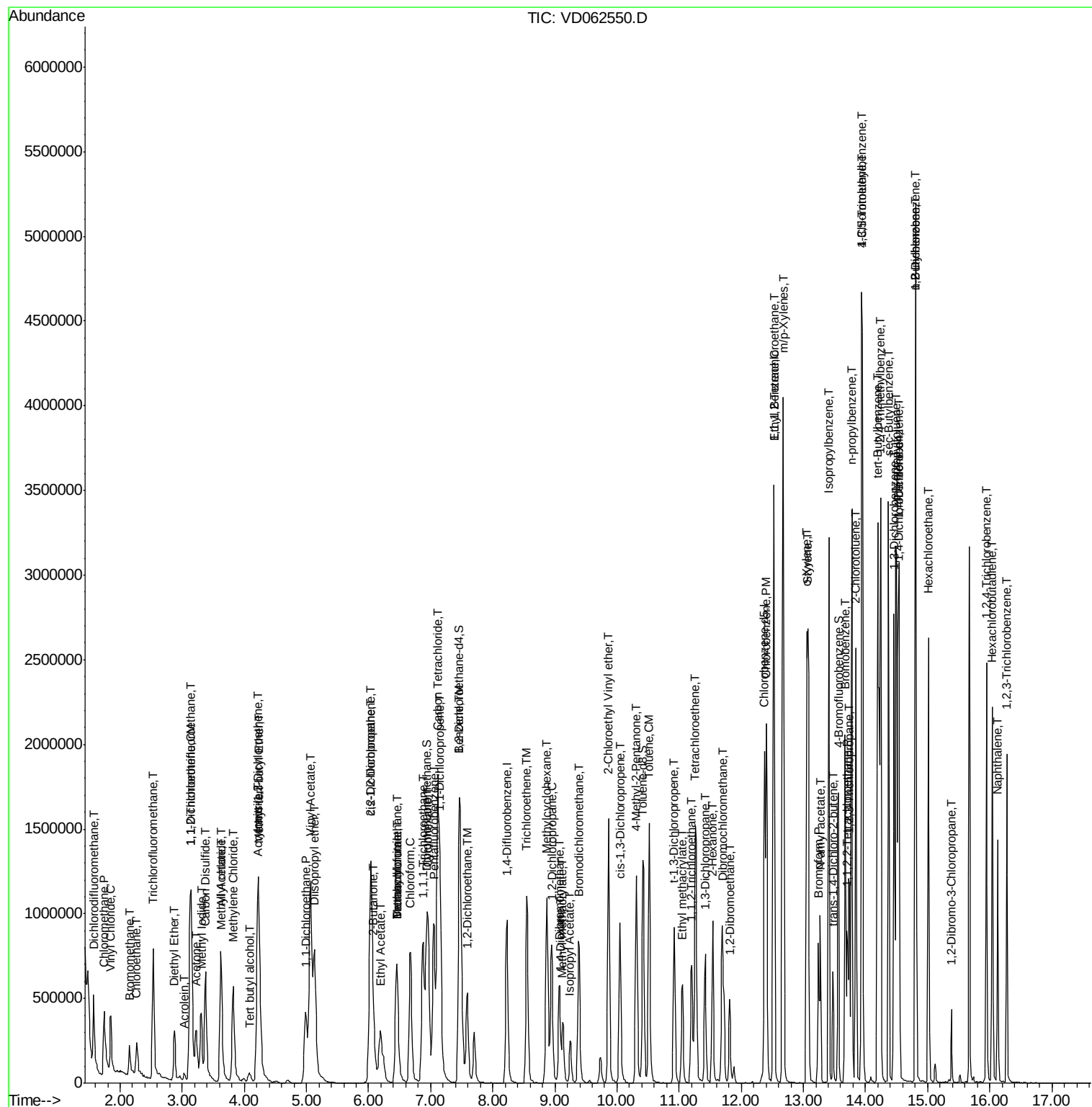
Quant Time: May 31 01:13:37 2019
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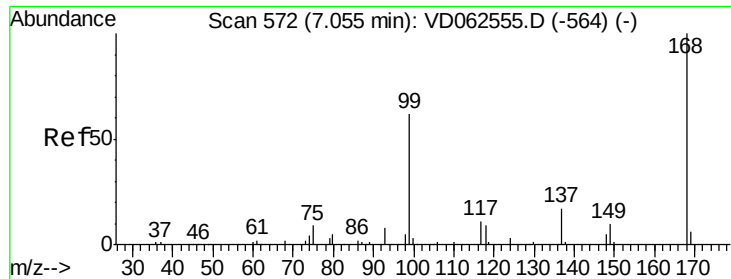
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	581529	51.630	ug/l	96
94) Hexachlorobutadiene	16.05	225	418471	50.652	ug/l	98
95) Naphthalene	16.12	128	840869	52.885	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	479616	56.475	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD062550.D

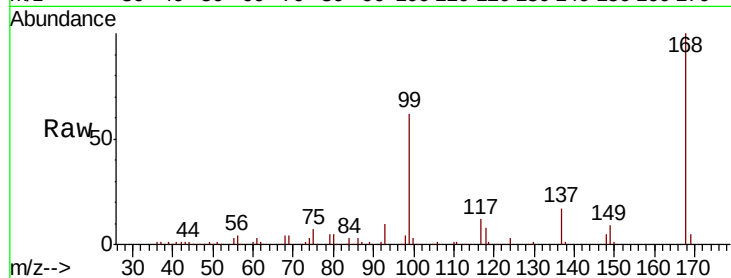
Acq: 30 May 2019 13:00

Tot Ion:168 Resp: 864966

Ion Ratio Lower Upper

168 100

99 62.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

300000

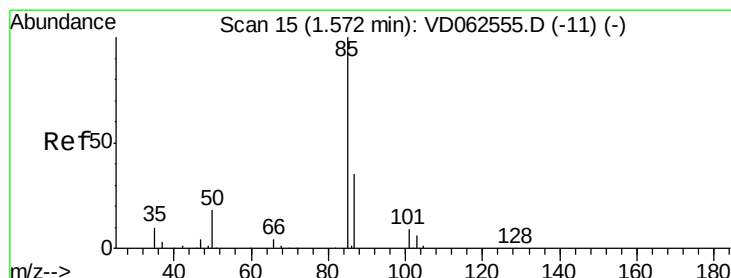
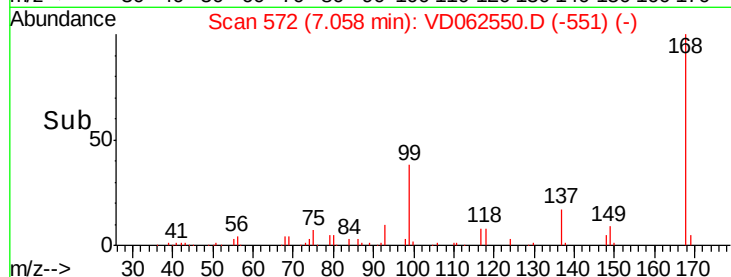
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#2

Dichlorodifluoromethane

Concen: 44.751 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD062550.D

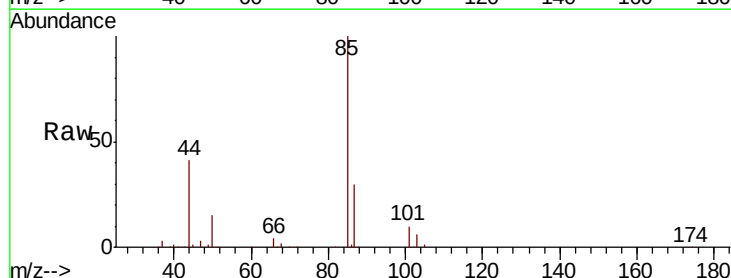
Acq: 30 May 2019 13:00

Tgt Ion: 85 Resp: 461197

Ion Ratio Lower Upper

85 100

87 30.0 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

250000

200000

150000

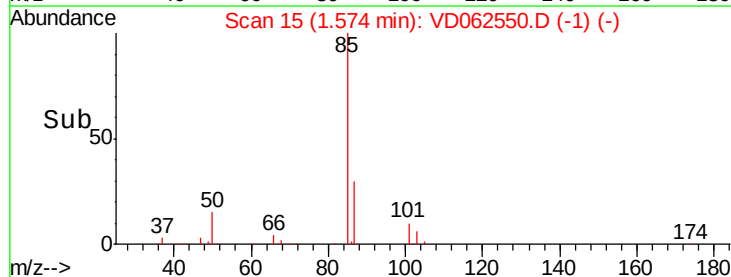
100000

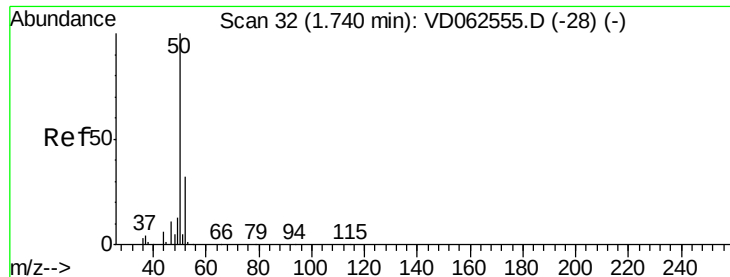
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 45.596 ug/l

RT: 1.74 min Scan# 32

Delta R.T. 0.00 min

Lab File: VD062550.D

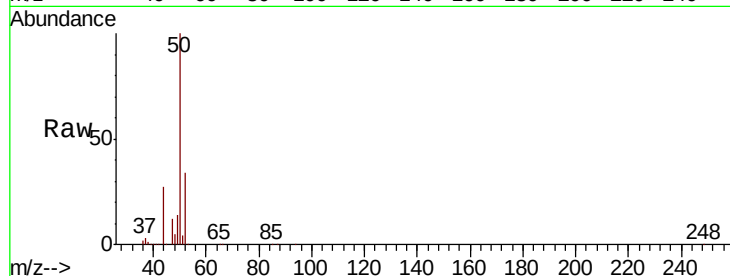
Acq: 30 May 2019 13:00

Tot Ion: 50 Resp: 535868

Ion Ratio Lower Upper

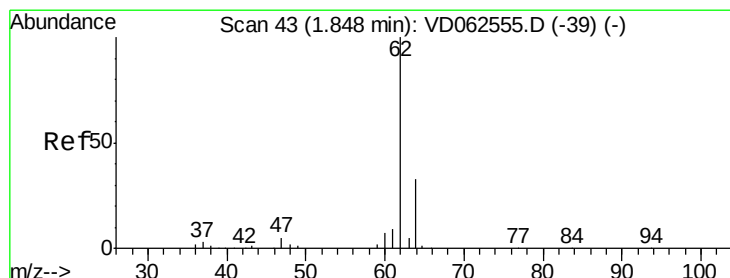
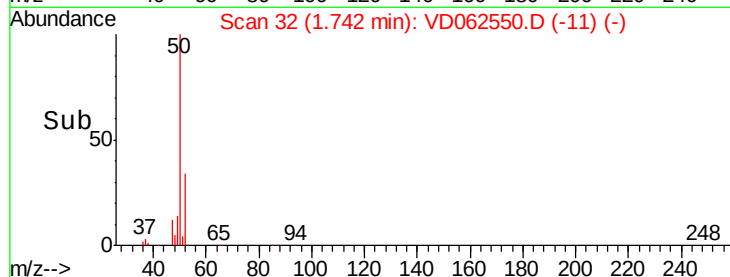
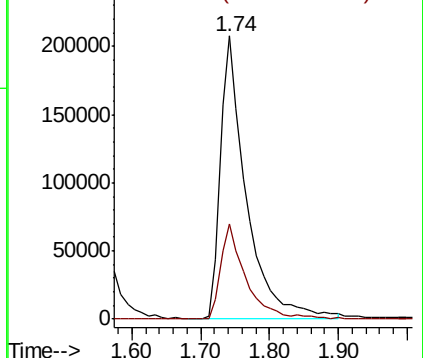
50 100

52 33.8 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 48.656 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.00 min

Lab File: VD062550.D

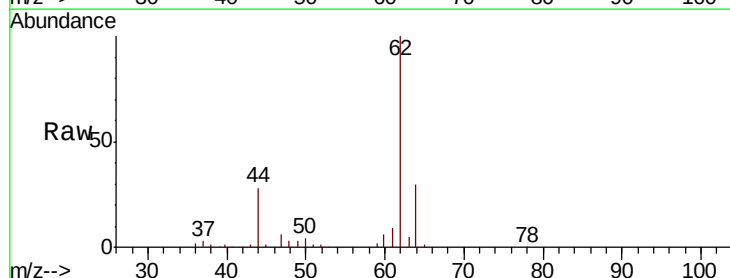
Acq: 30 May 2019 13:00

Tgt Ion: 62 Resp: 385396

Ion Ratio Lower Upper

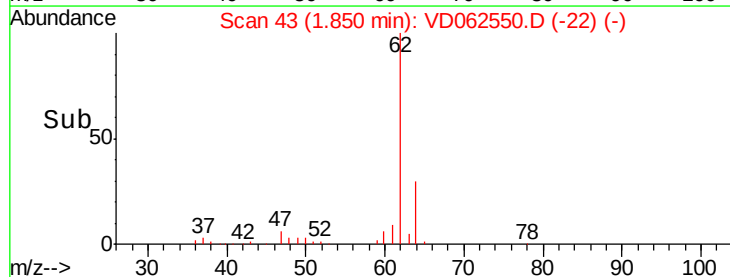
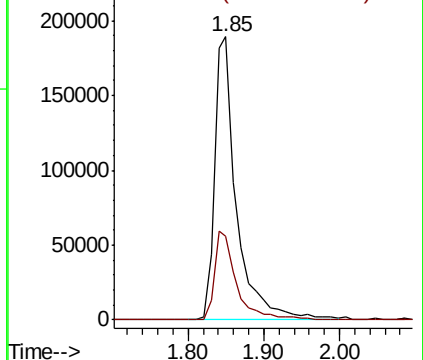
62 100

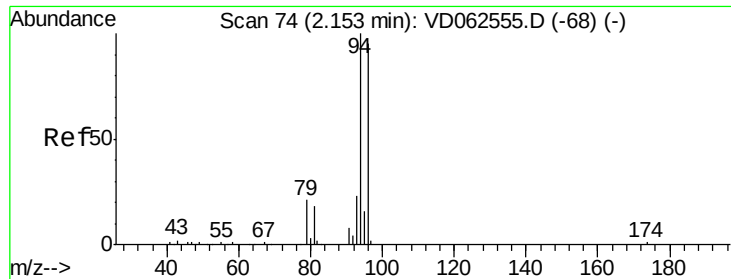
64 29.7 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 46.882 ug/l

RT: 2.16 min Scan# 74

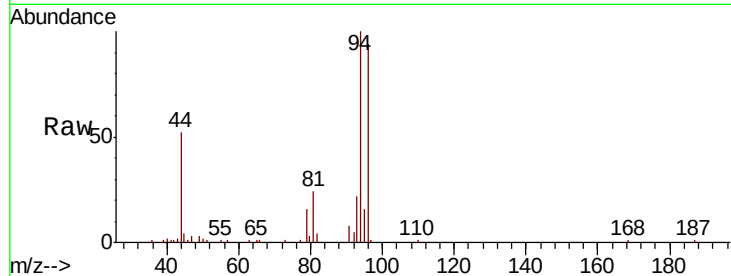
Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tot Ion: 94 Resp: 113960

Ion	Ratio	Lower	Upper
94	100		
96	93.6	76.2	114.4
93	22.4	18.4	27.6

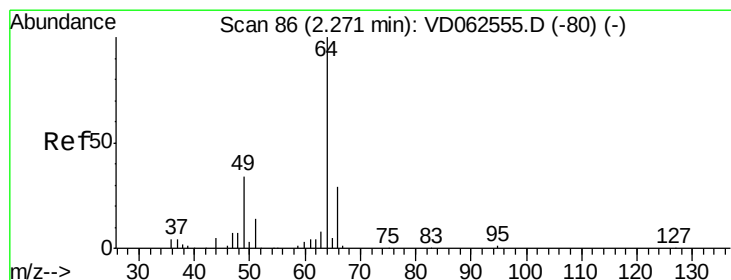
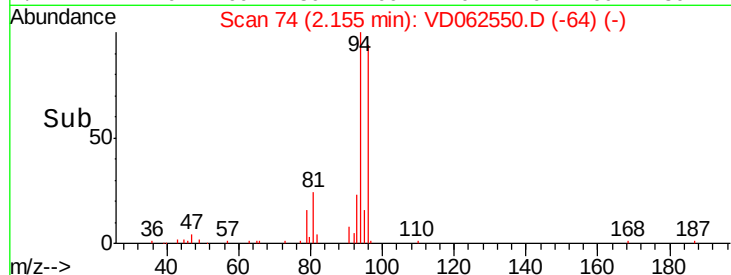
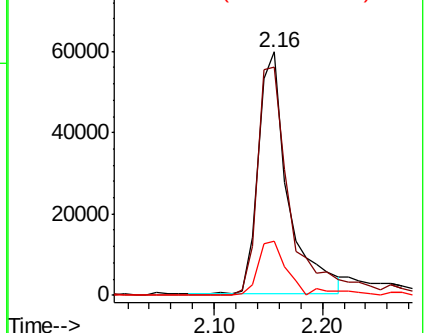


Abundance

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: 50.956 ug/l

RT: 2.26 min Scan# 85

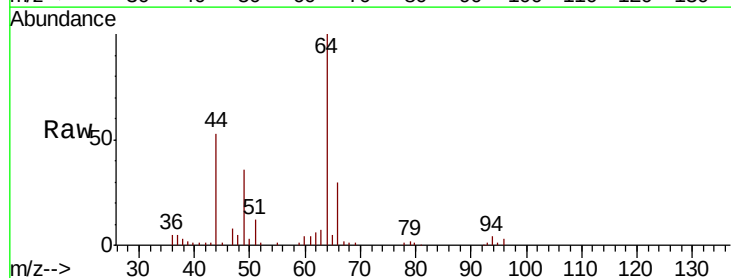
Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tgt Ion: 64 Resp: 192472

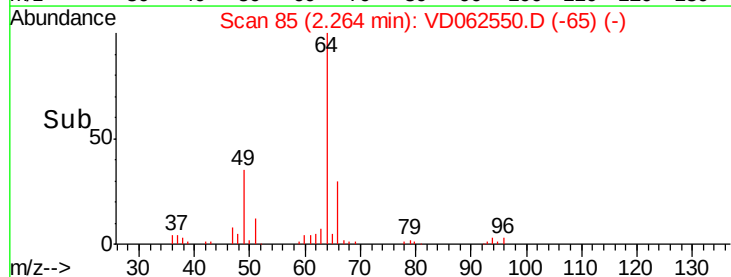
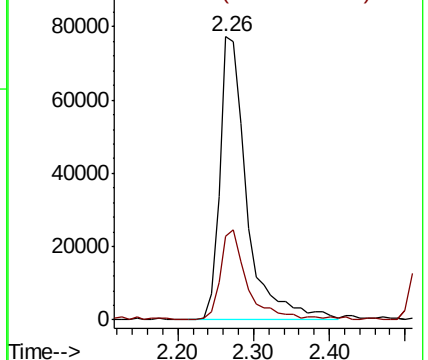
Ion	Ratio	Lower	Upper
64	100		
66	29.6	23.4	35.2

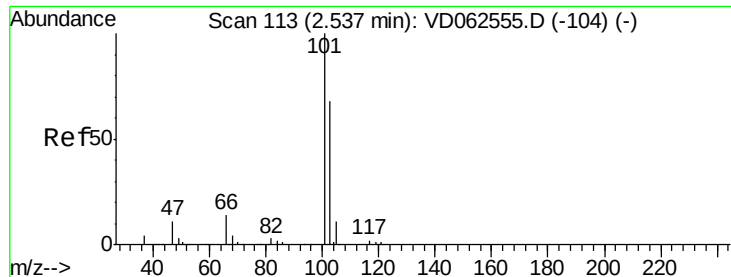


Abundance

Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

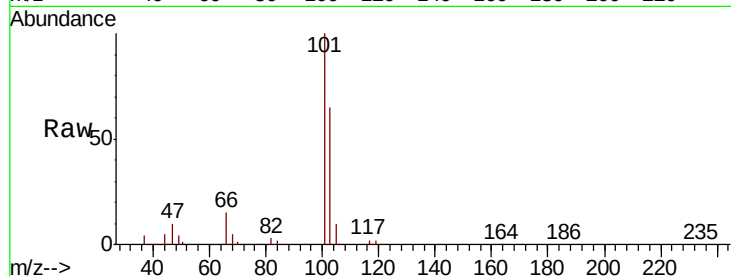




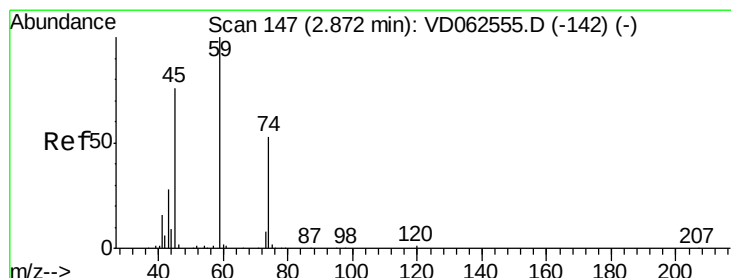
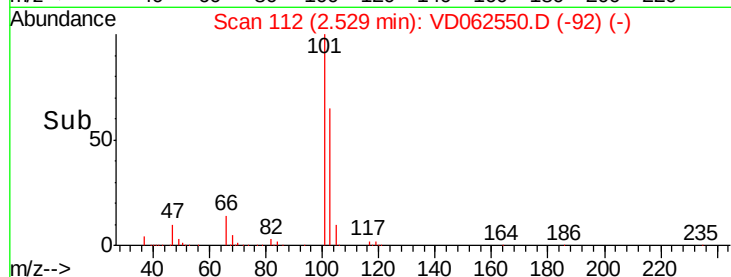
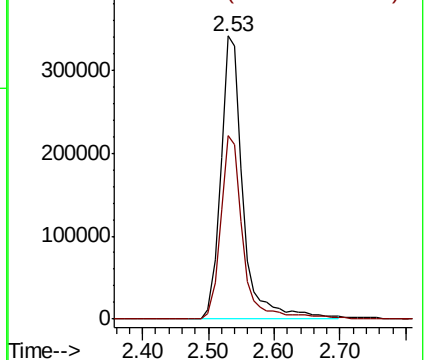
#7

Trichlorofluoromethane
Concen: 48.474 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	54.3	81.5



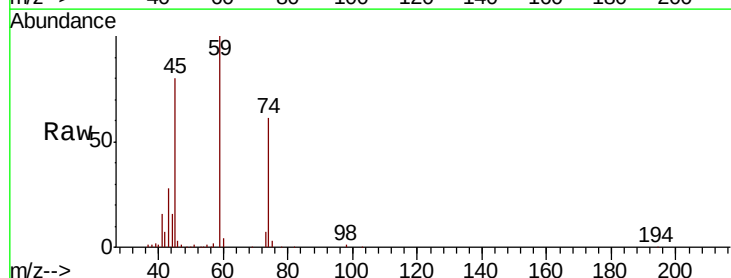
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



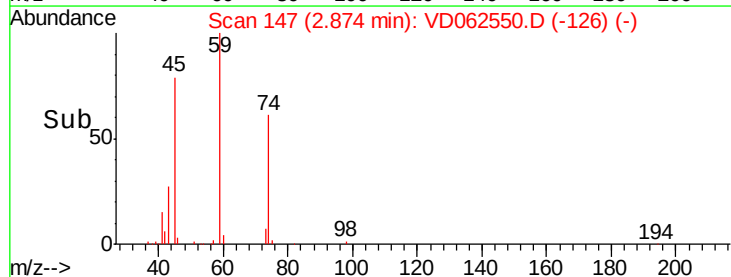
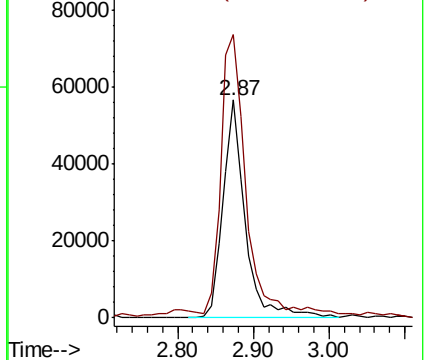
#8

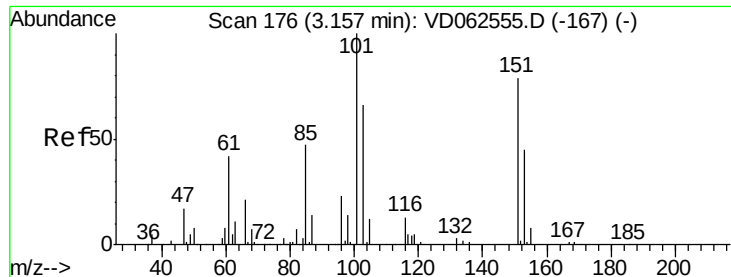
Diethyl Ether
Concen: 54.133 ug/l
RT: 2.87 min Scan# 147
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	130.0	71.9	215.7



Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.05 (44.75 to 45.75): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.813 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

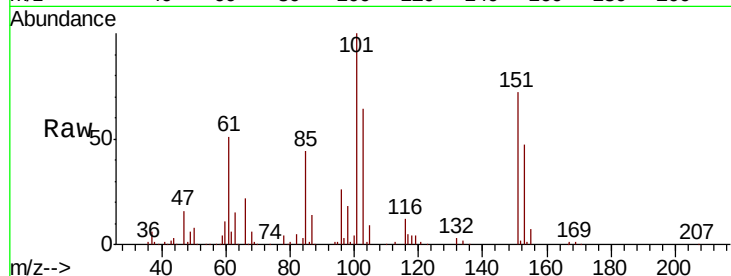
Tot Ion:101 Resp: 468027

Ion Ratio Lower Upper

101 100

85 44.2 37.6 56.4

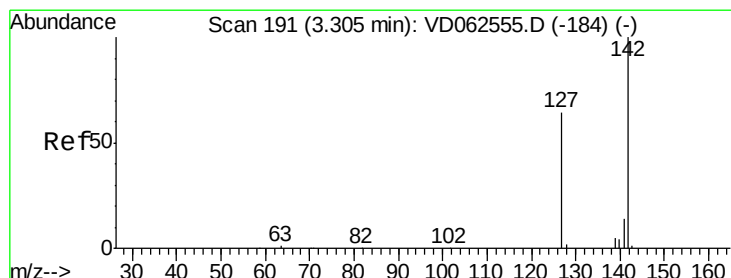
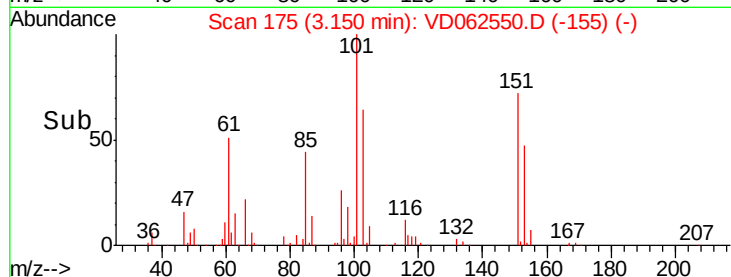
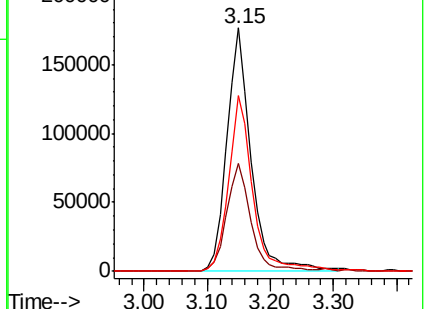
151 72.1 63.0 94.4



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: 53.414 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

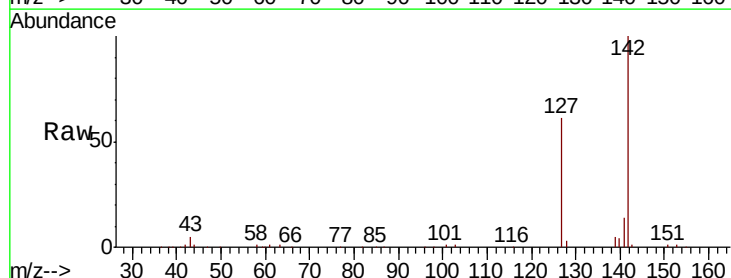
Tgt Ion:142 Resp: 570964

Ion Ratio Lower Upper

142 100

127 61.3 51.2 76.8

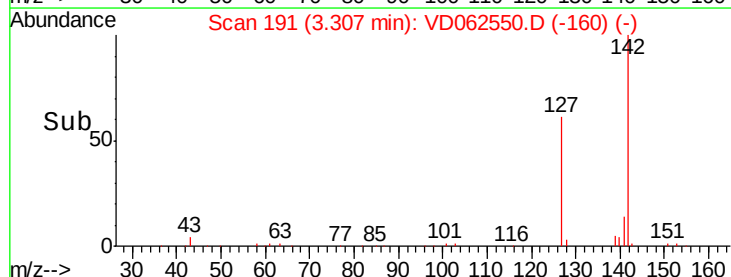
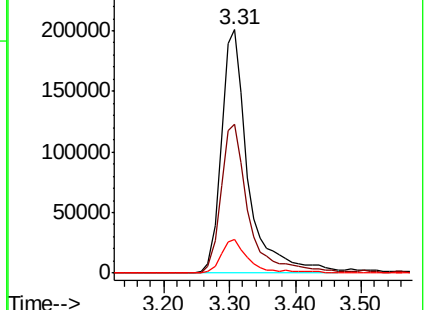
141 13.8 11.0 16.4

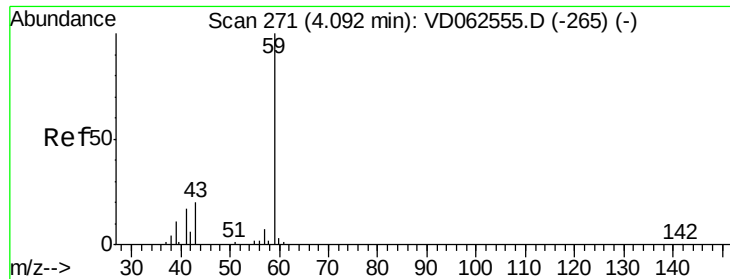


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

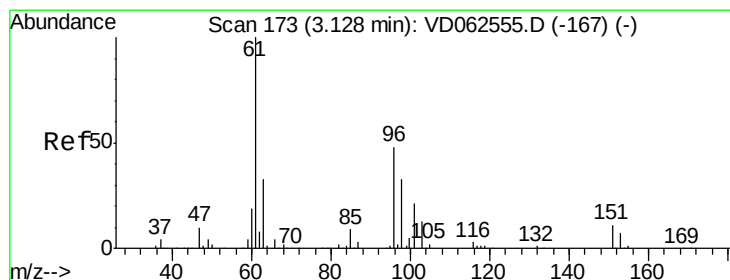
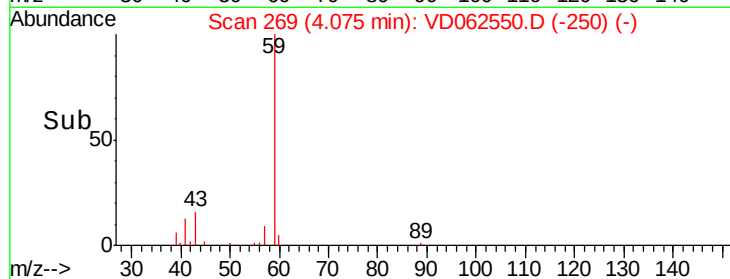
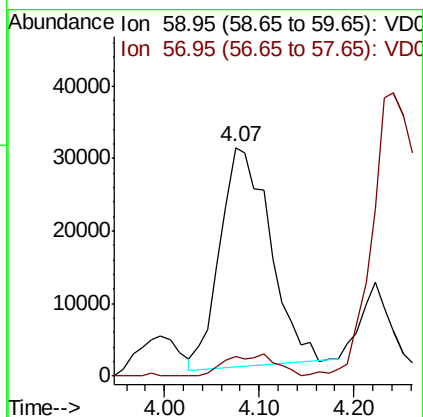
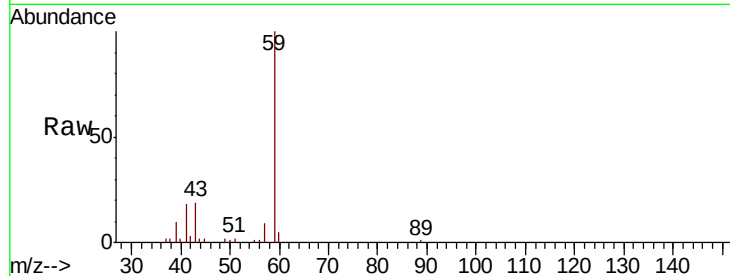
Ion 140.85 (140.55 to 141.55): V





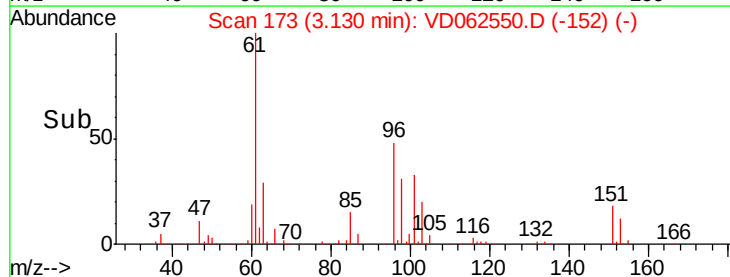
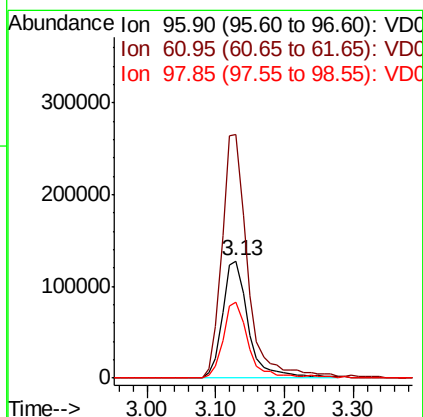
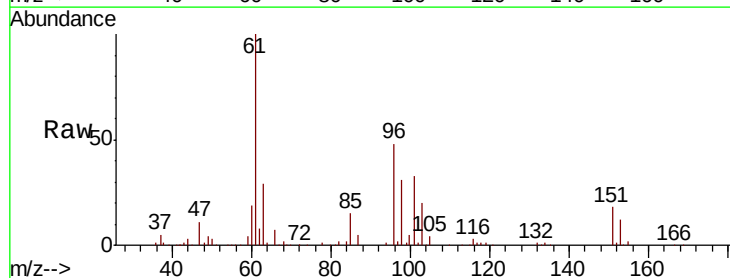
#11
Tert butyl alcohol
Concen: 236.233 ug/l
RT: 4.07 min Scan# 269
Delta R.T. -0.02 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

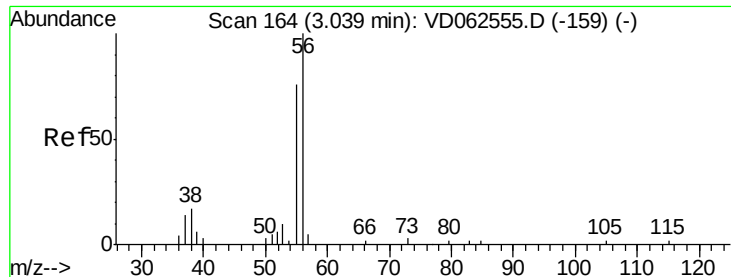
Tot Ion: 59 Resp: 110249
Ion Ratio Lower Upper
59 100
57 8.6 5.4 8.0#



#12
1,1-Dichloroethene
Concen: 48.132 ug/l
RT: 3.13 min Scan# 173
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion: 96 Resp: 334862
Ion Ratio Lower Upper
96 100
61 208.3 166.6 250.0
98 65.0 54.4 81.6





#13

Acrolein

Concen: 202.547 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD062550.D

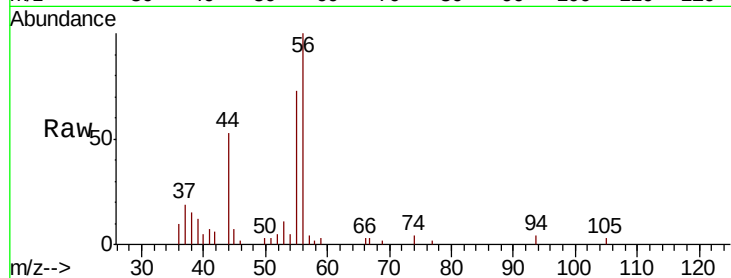
Acq: 30 May 2019 13:00

Tot Ion: 56 Resp: 40916

Ion Ratio Lower Upper

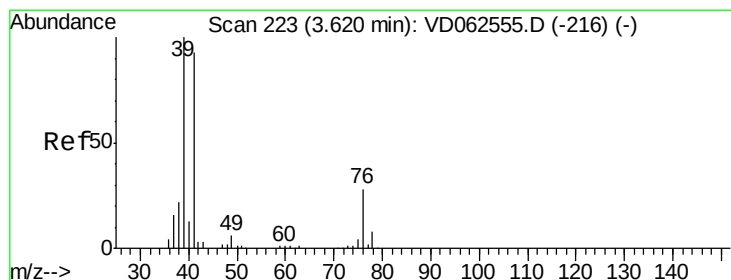
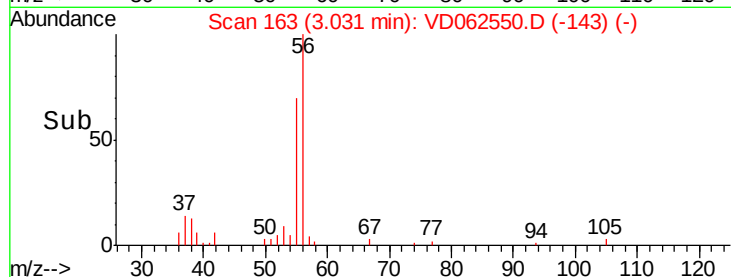
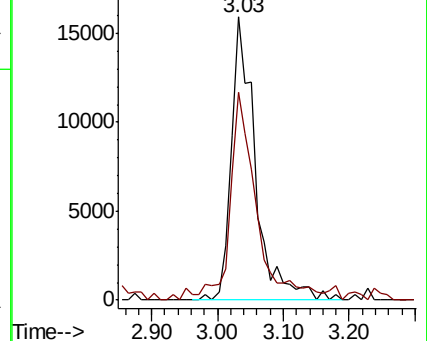
56 100

55 73.4 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 51.435 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

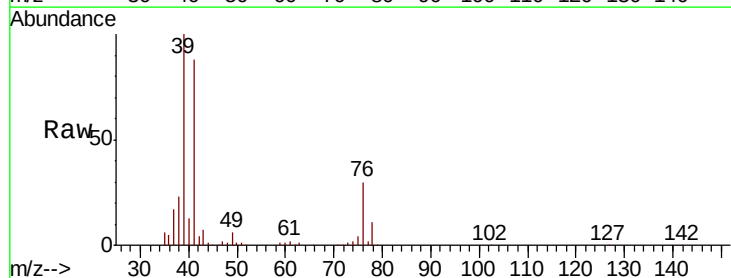
Tgt Ion: 41 Resp: 560227

Ion Ratio Lower Upper

41 100

39 113.1 86.3 129.5

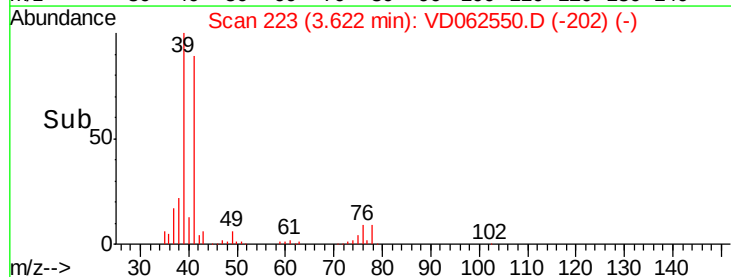
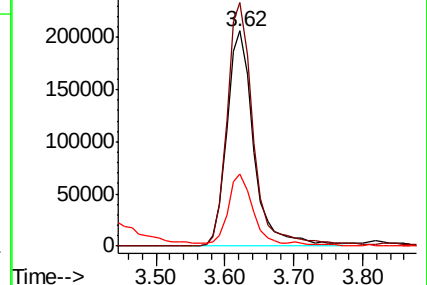
76 33.7 25.5 38.3

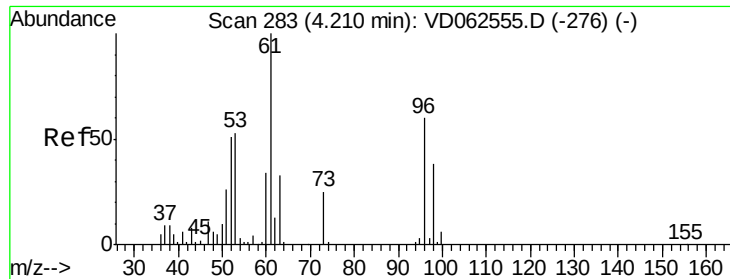


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 262.167 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

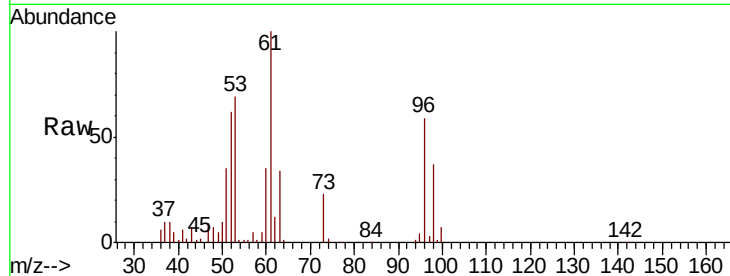
Tot Ion: 53 Resp: 275598

Ion Ratio Lower Upper

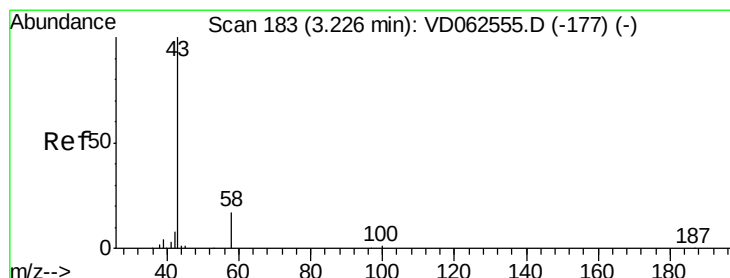
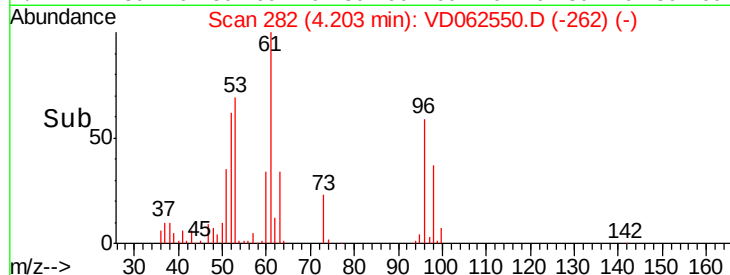
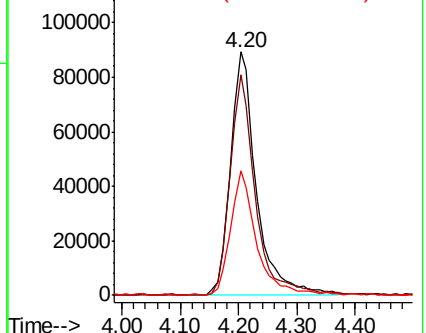
53 100

52 90.5 76.2 114.2

51 50.9 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: 265.336 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD062550.D

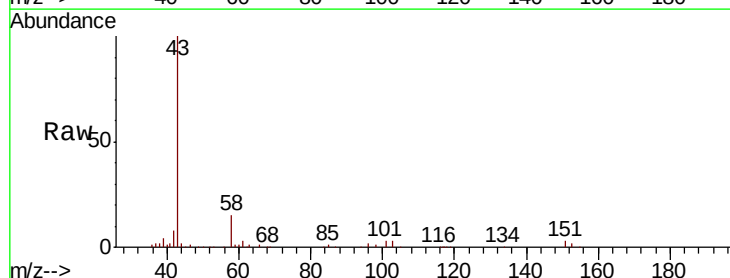
Acq: 30 May 2019 13:00

Tgt Ion: 43 Resp: 555546

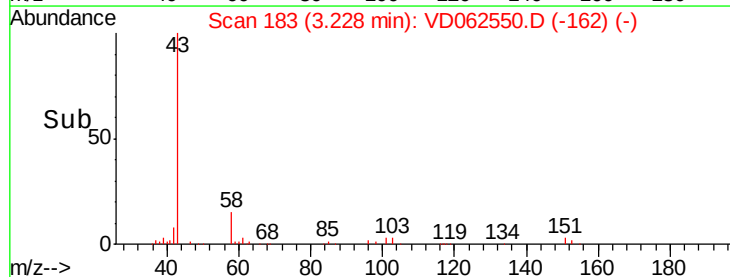
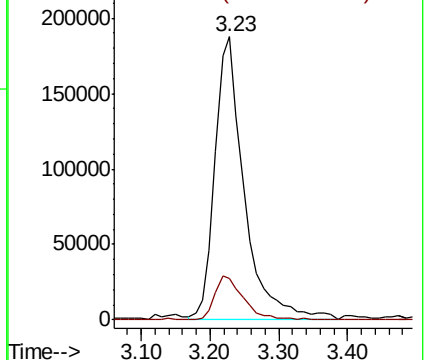
Ion Ratio Lower Upper

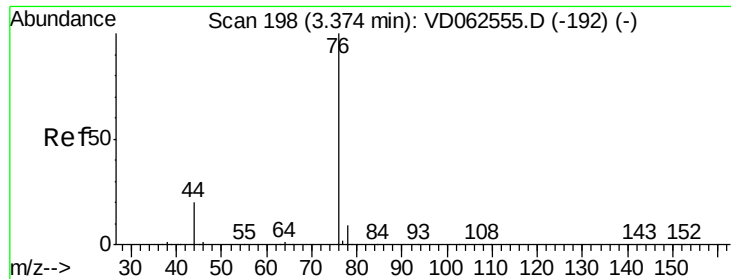
43 100

58 14.6 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: 50.700 ug/l

RT: 3.38 min Scan# 198

Delta R.T. 0.00 min

Lab File: VD062550.D

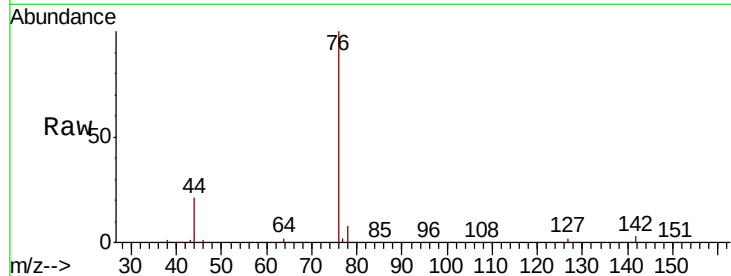
Acq: 30 May 2019 13:00

Tot Ion: 76 Resp: 1120849

Ion Ratio Lower Upper

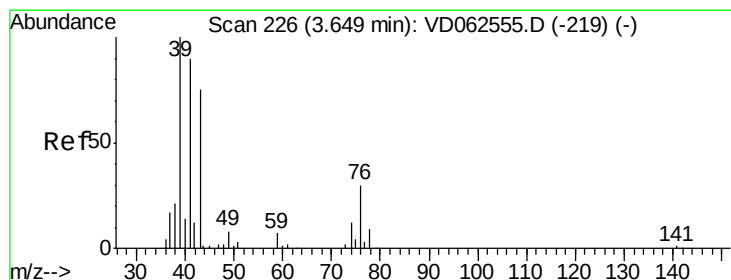
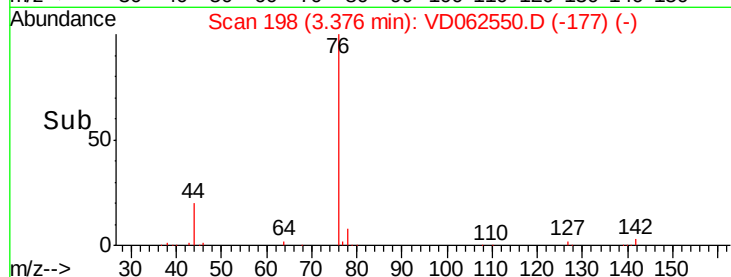
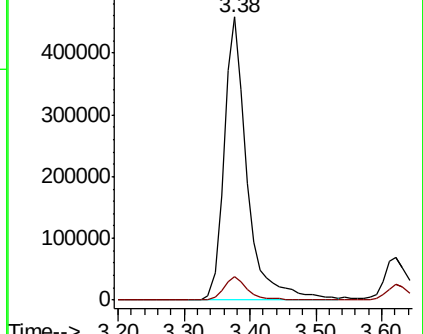
76 100

78 8.4 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 44.353 ug/l

RT: 3.64 min Scan# 225

Delta R.T. -0.01 min

Lab File: VD062550.D

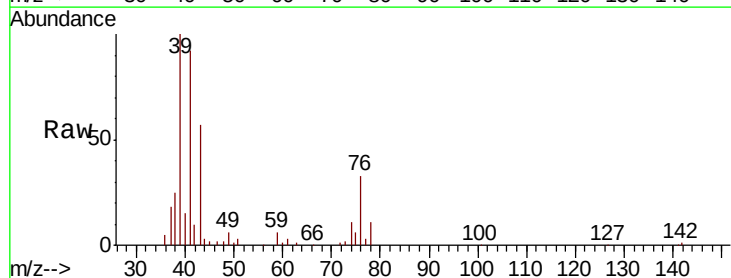
Acq: 30 May 2019 13:00

Tgt Ion: 43 Resp: 151062

Ion Ratio Lower Upper

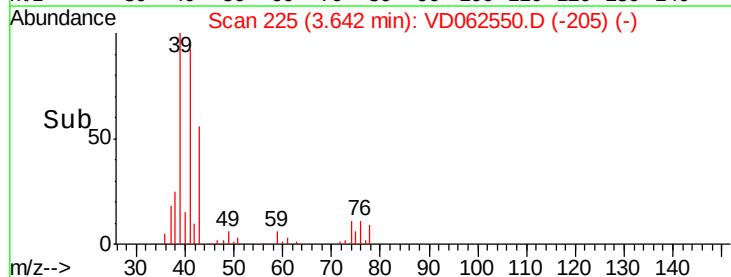
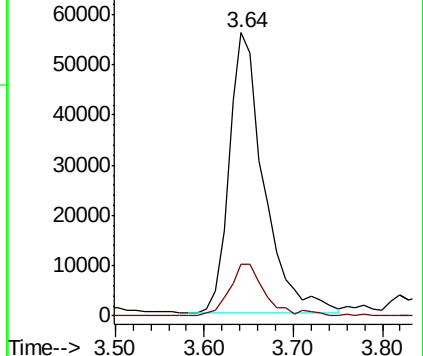
43 100

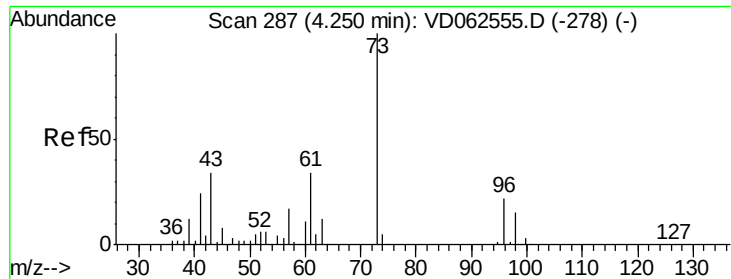
74 18.5 12.5 18.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

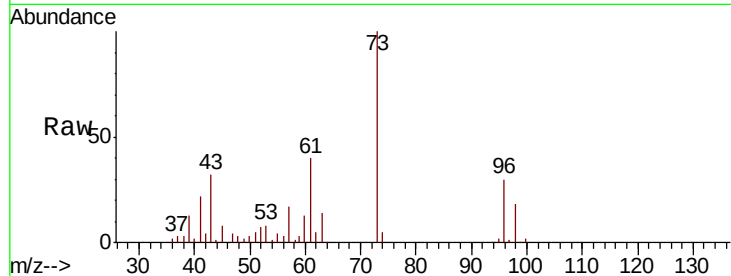
Methyl tert-butyl Ether
 Concen: 49.001 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tot Ion: 73 Resp: 830367

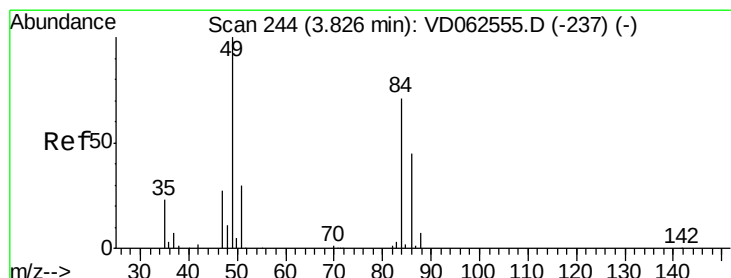
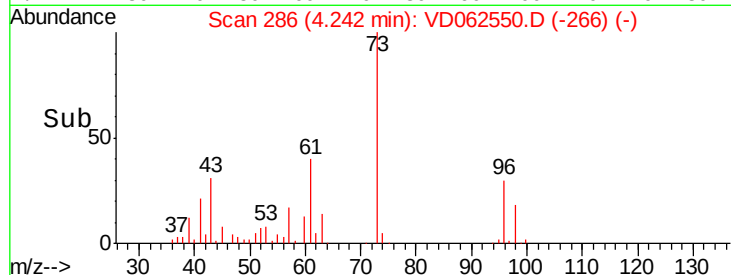
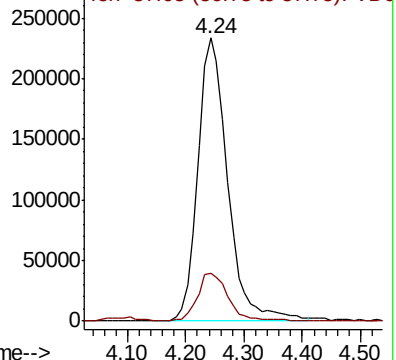
Ion Ratio Lower Upper

73 100

57 16.7 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: 49.019 ug/l
 RT: 3.82 min Scan# 243
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion: 84 Resp: 359702

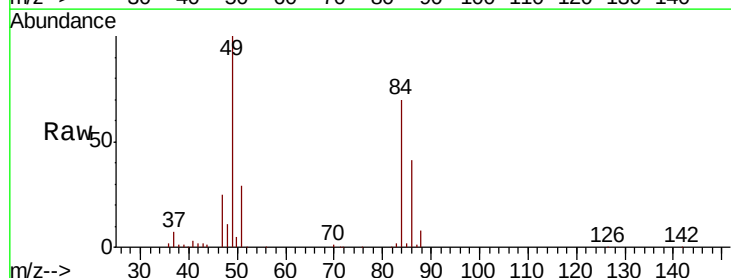
Ion Ratio Lower Upper

84 100

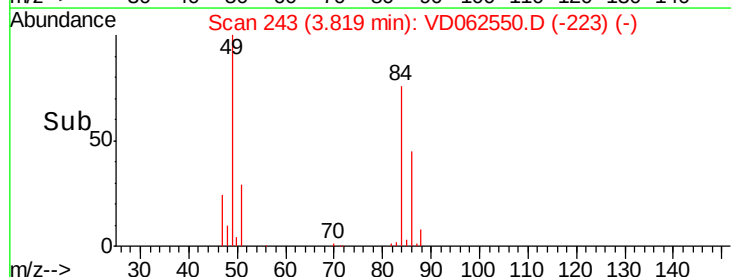
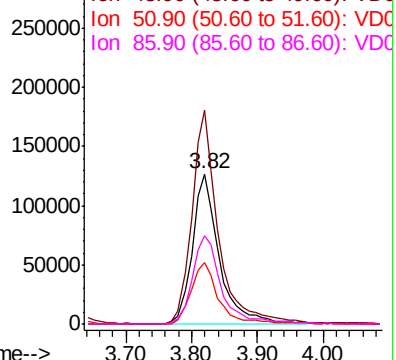
49 142.3 112.3 168.5

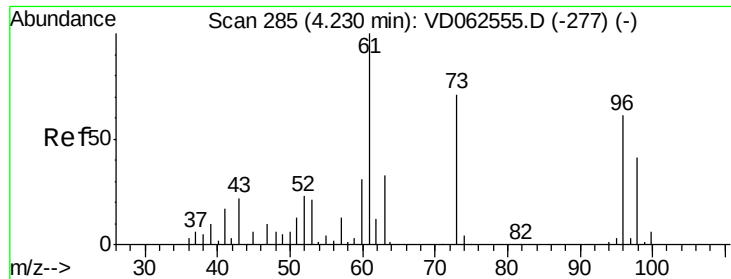
51 40.8 33.6 50.4

86 59.0 50.4 75.6



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





#21

trans-1,2-Dichloroethene

Concen: 50.929 ug/l

RT: 4.22 min Scan# 284

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

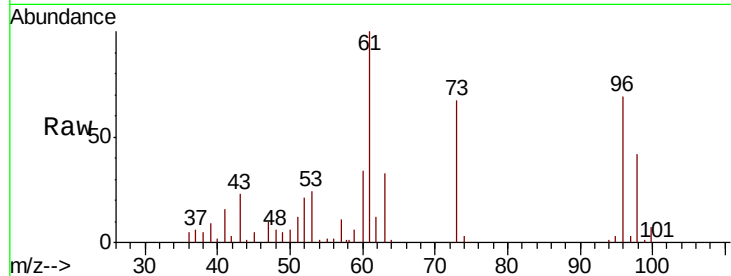
Tot Ion: 96 Resp: 401699

Ion Ratio Lower Upper

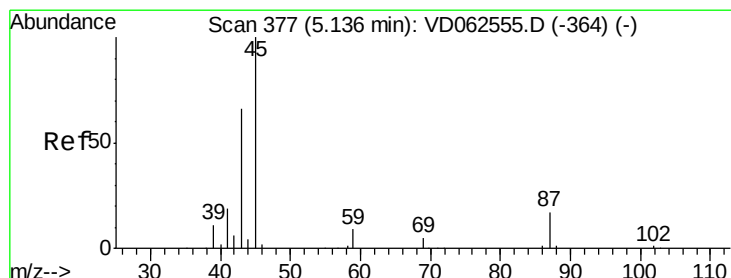
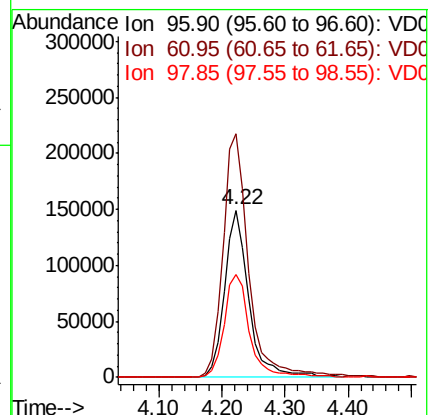
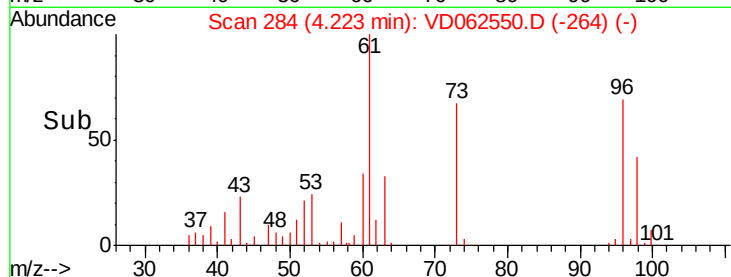
96 100

61 145.4 131.1 196.7

98 61.2 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: 52.860 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tgt Ion: 45 Resp: 1159016

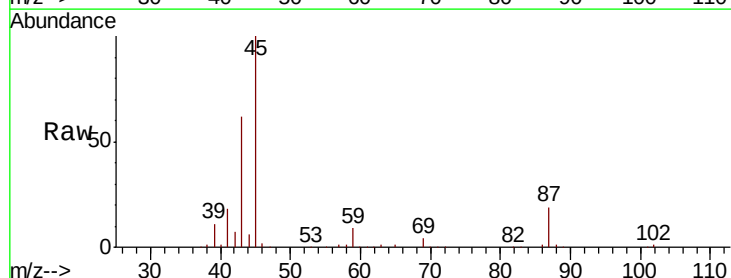
Ion Ratio Lower Upper

45 100

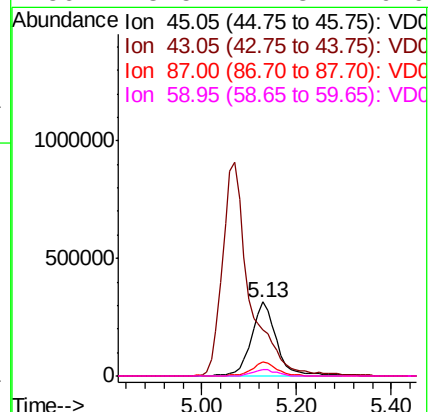
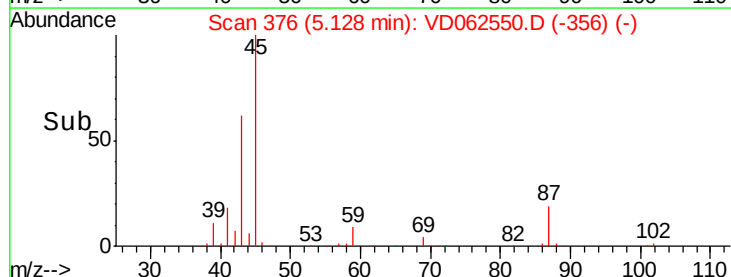
43 61.9 53.6 80.4

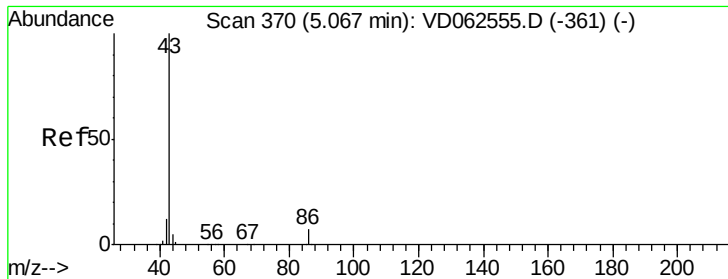
87 18.9 14.2 21.4

59 8.5 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: 266.398 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD062550.D

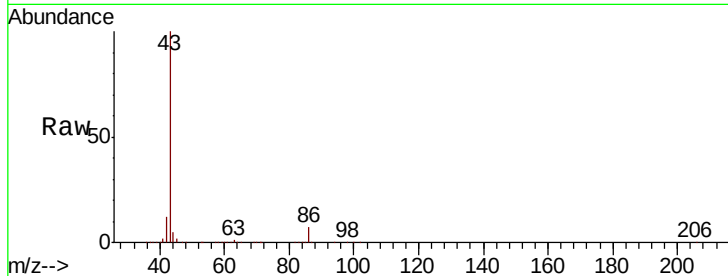
Acq: 30 May 2019 13:00

Tot Ion: 43 Resp: 3554790

Ion Ratio Lower Upper

43 100

86 6.7 5.5 8.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

5.07

800000

600000

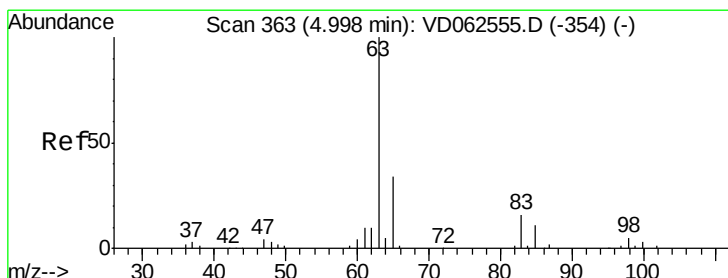
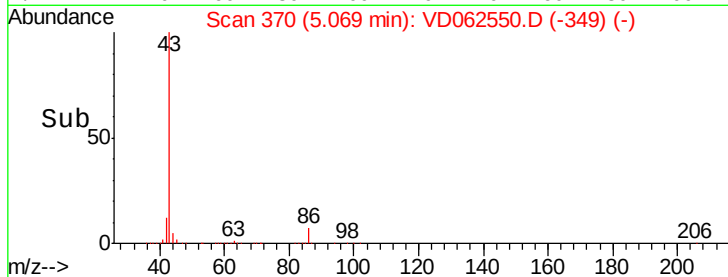
400000

200000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#24

1,1-Dichloroethane

Concen: 49.565 ug/l

RT: 4.99 min Scan# 362

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

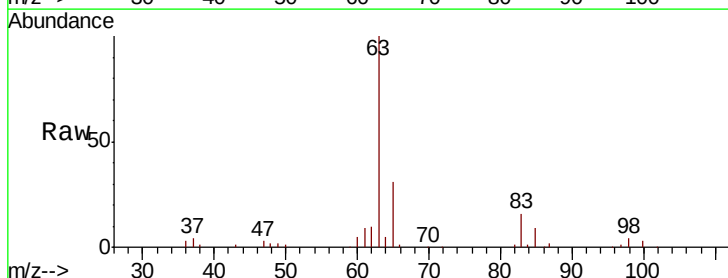
Tgt Ion: 63 Resp: 709976

Ion Ratio Lower Upper

63 100

98 3.6 2.5 7.5

100 3.1 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

250000

200000

150000

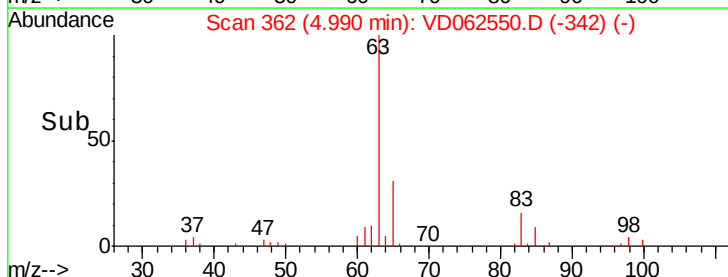
100000

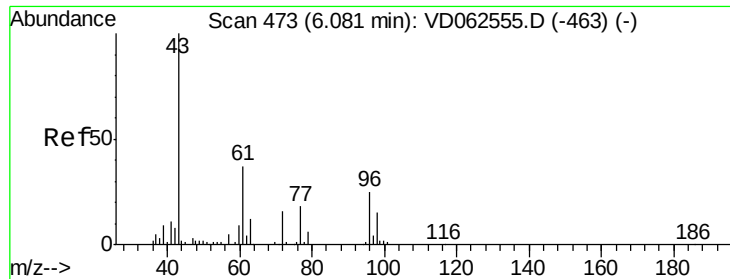
50000

0

Time-->

4.80 4.90 5.00 5.10 5.20





#25

2-Butanone

Concen: 260.932 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD062550.D

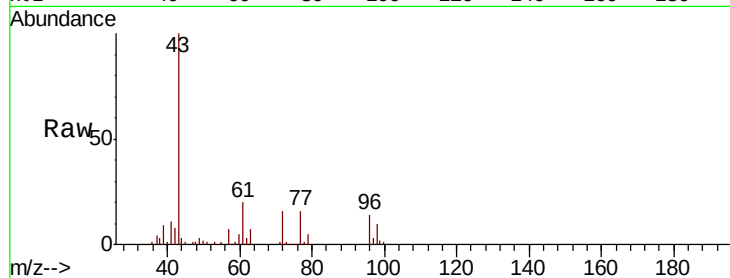
Acq: 30 May 2019 13:00

Tot Ion: 43 Resp: 502070

Ion Ratio Lower Upper

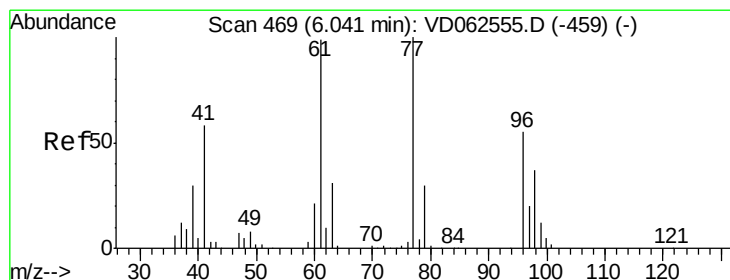
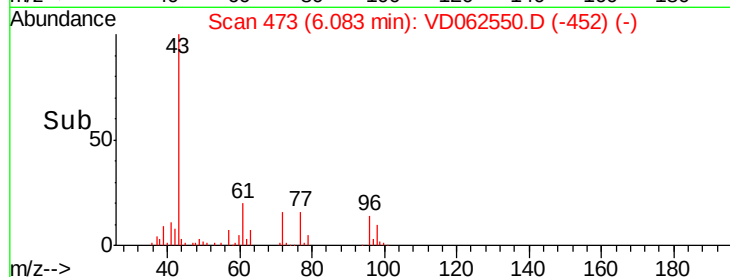
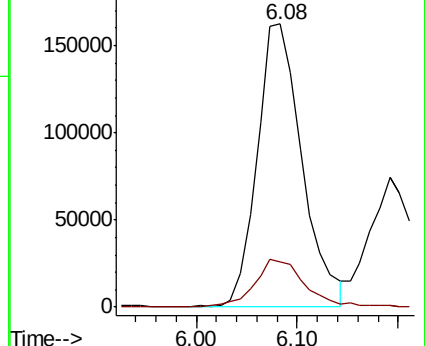
43 100

72 16.2 12.7 19.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 50.412 ug/l

RT: 6.03 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD062550.D

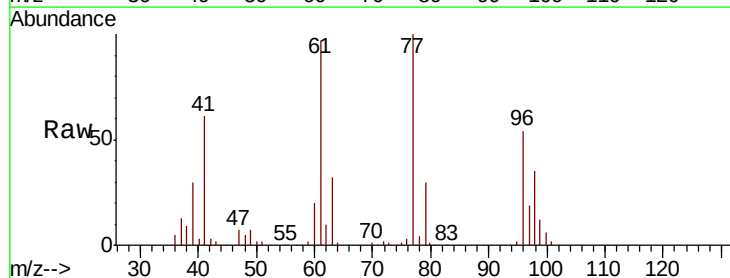
Acq: 30 May 2019 13:00

Tgt Ion: 77 Resp: 784037

Ion Ratio Lower Upper

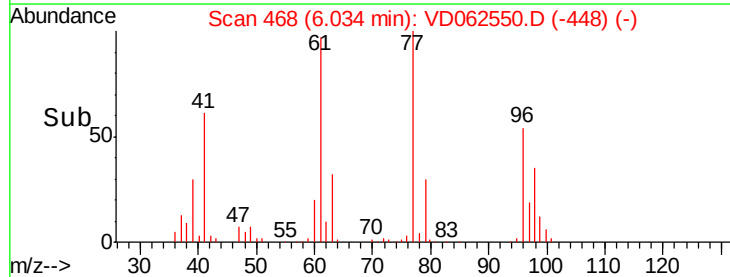
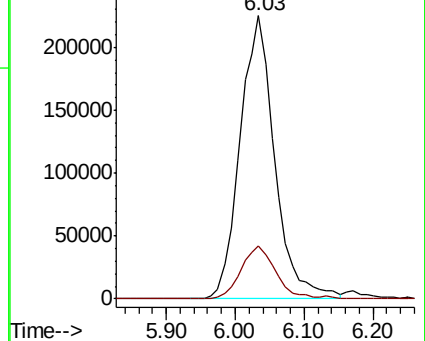
77 100

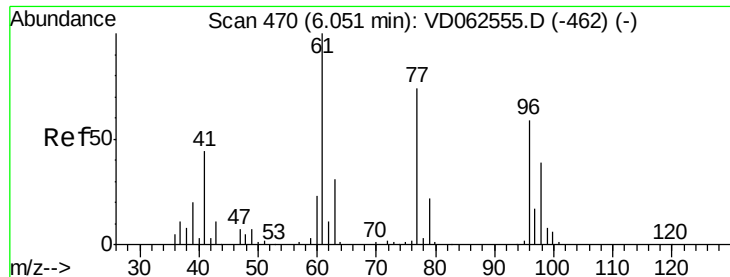
97 18.5 9.8 29.3



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC





#27

cis-1,2-Dichloroethene

Concen: 52.748 ug/l

RT: 6.04 min Scan# 469

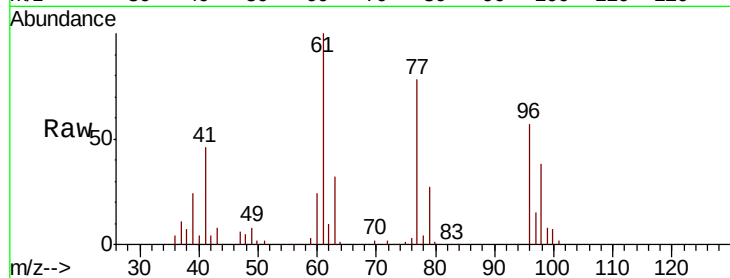
Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tot Ion: 96 Resp: 428561

Ion	Ratio	Lower	Upper
96	100		
61	176.5	0.0	342.4
98	67.0	0.0	134.6

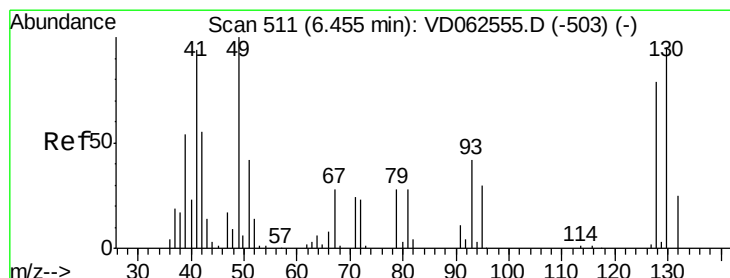
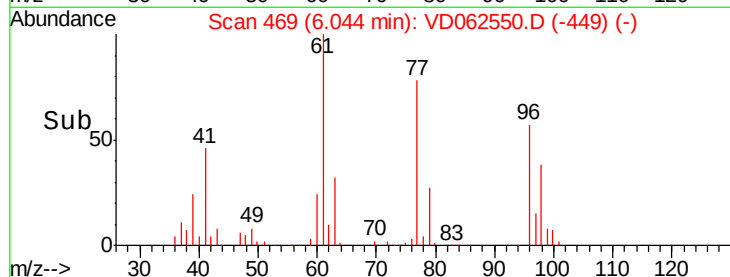
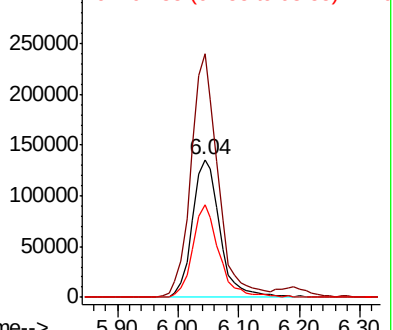


Abundance

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: 48.065 ug/l

RT: 6.45 min Scan# 510

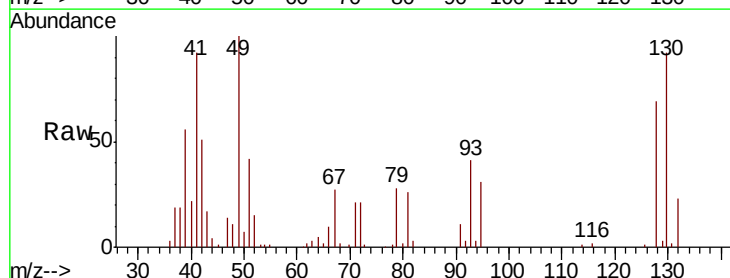
Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tgt Ion: 49 Resp: 228343

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	5.6
130	92.3	75.8	113.8

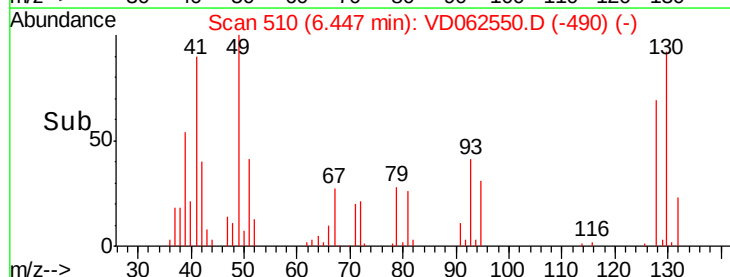
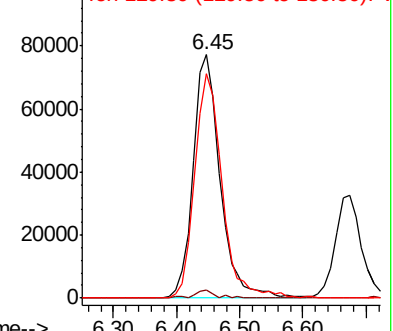


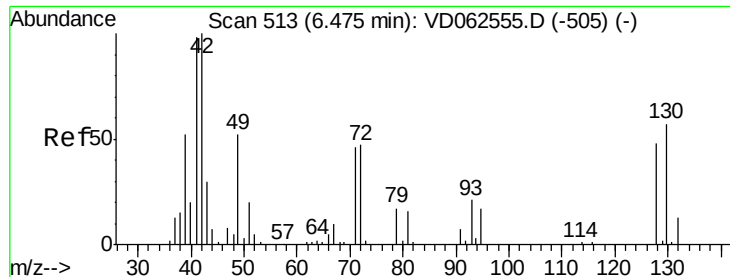
Abundance

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: 258.535 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

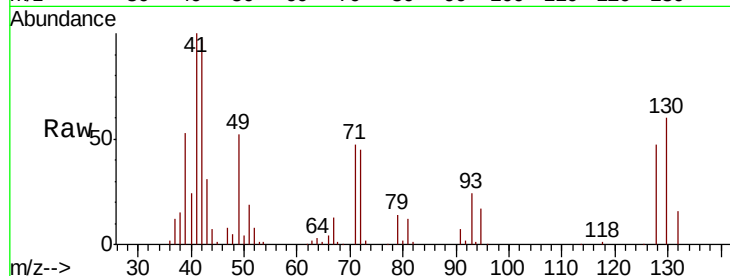
Tot Ion: 42 Resp: 228706

Ion Ratio Lower Upper

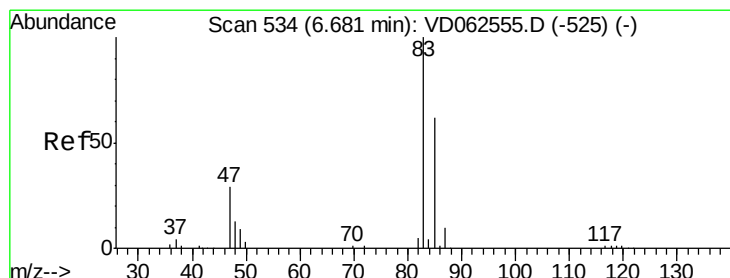
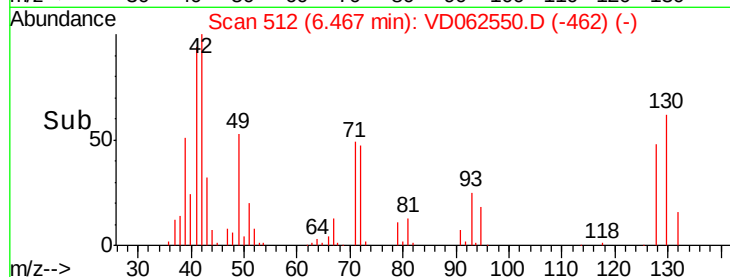
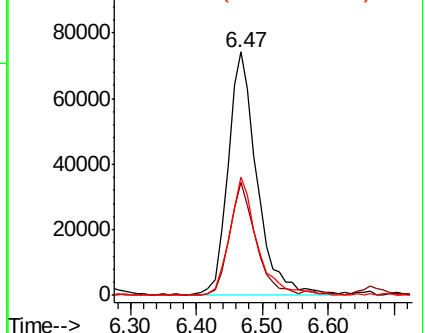
42 100

72 41.8 34.5 51.7

71 45.8 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: 52.600 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.02 min

Lab File: VD062550.D

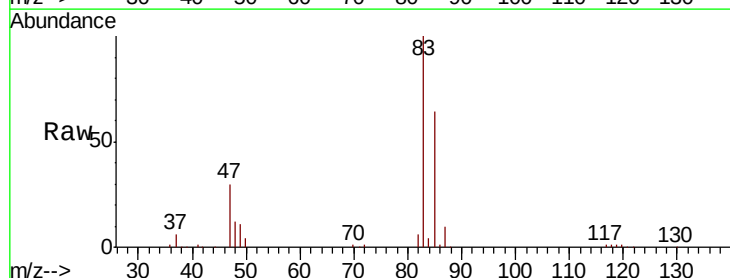
Acq: 30 May 2019 13:00

Tgt Ion: 83 Resp: 906606

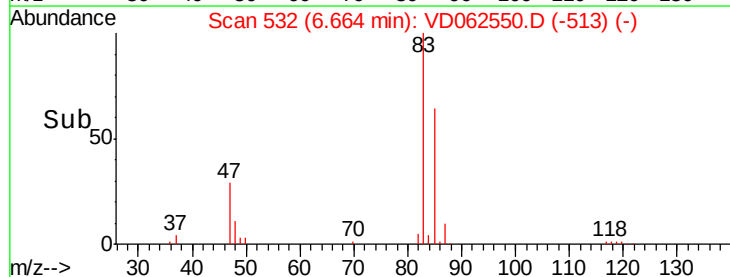
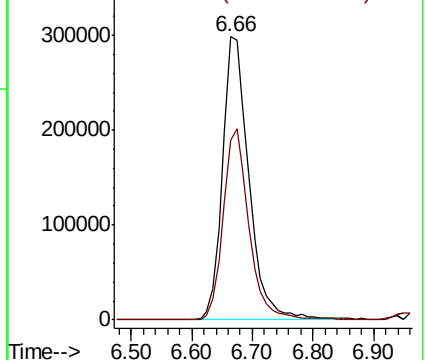
Ion Ratio Lower Upper

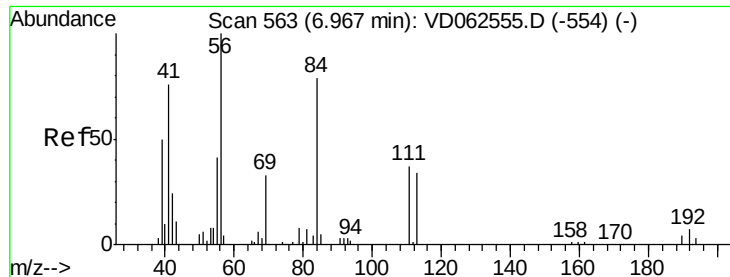
83 100

85 63.6 49.4 74.0



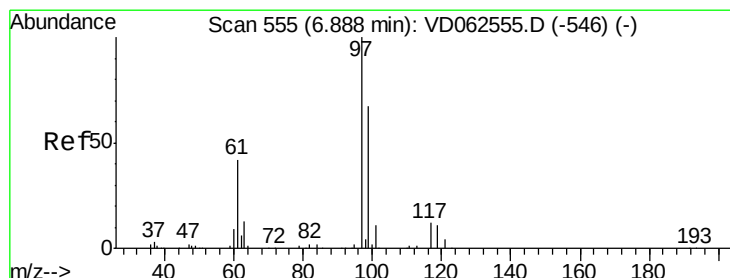
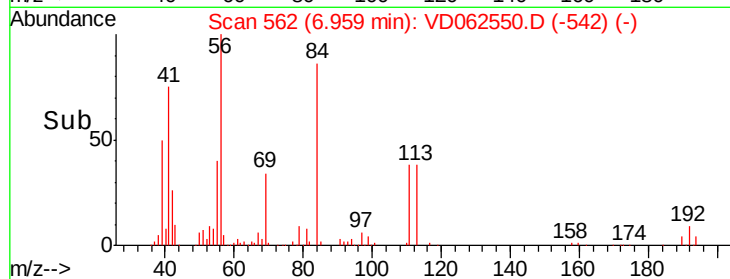
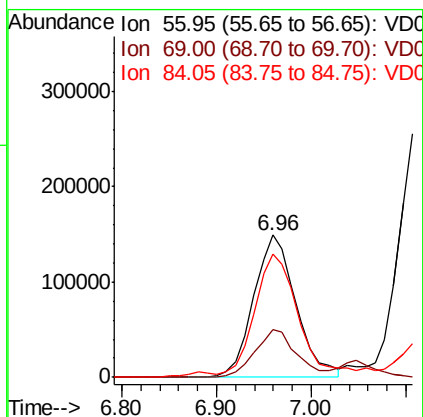
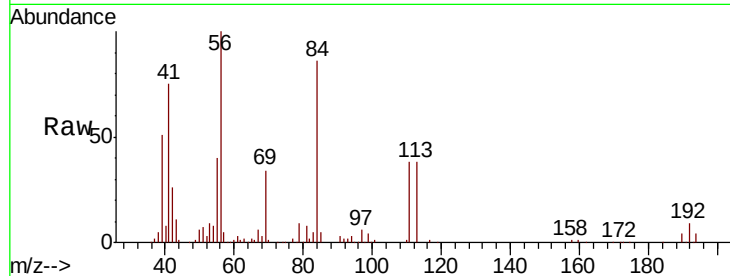
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC





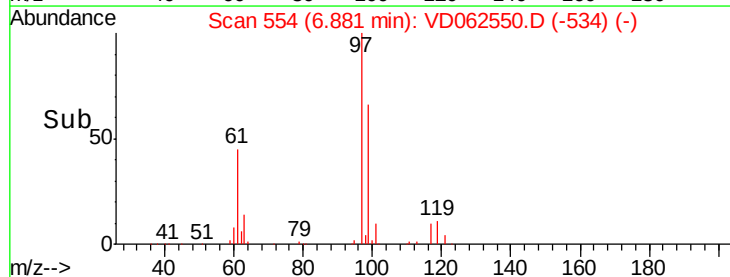
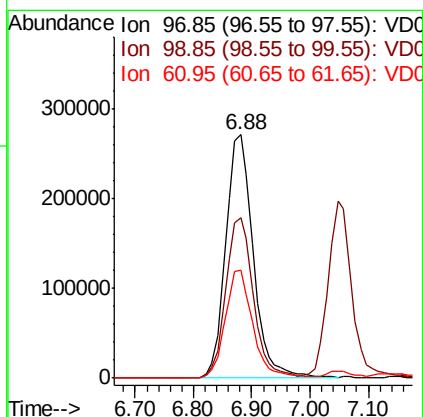
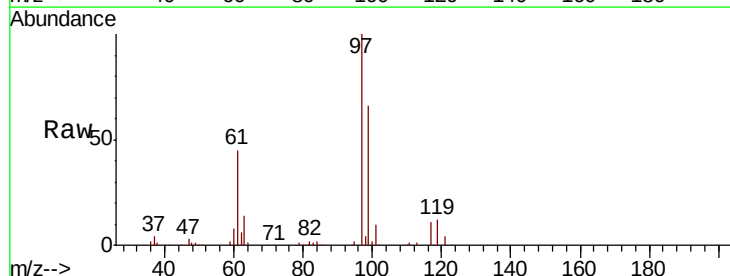
#31
Cyclohexane
Concen: 48.881 ug/l
RT: 6.96 min Scan# 562
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

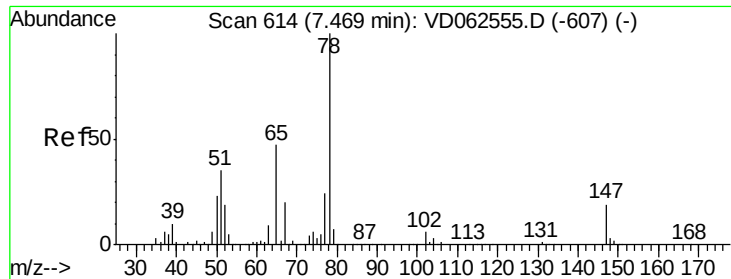
Tot Ion: 56 Resp: 463861
Ion Ratio Lower Upper
56 100
69 33.9 26.2 39.2
84 86.4 65.2 97.8



#32
1,1,1-Trichloroethane
Concen: 50.828 ug/l
RT: 6.88 min Scan# 554
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

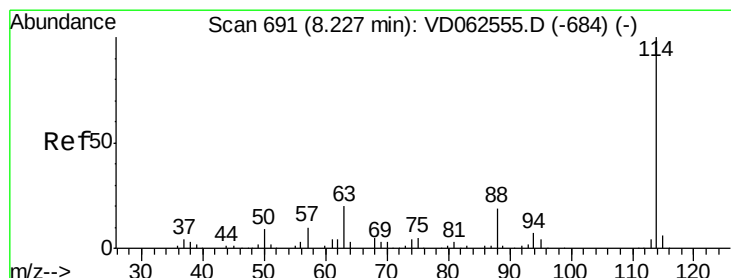
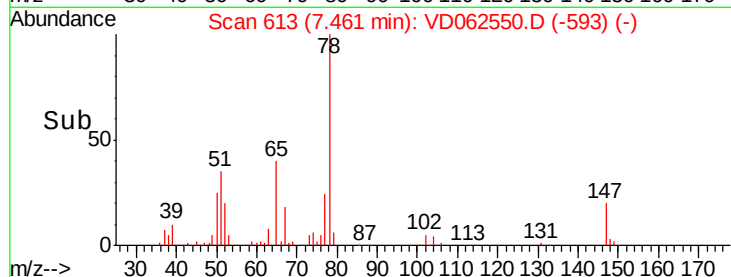
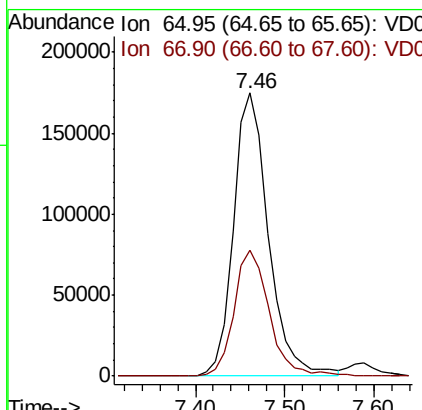
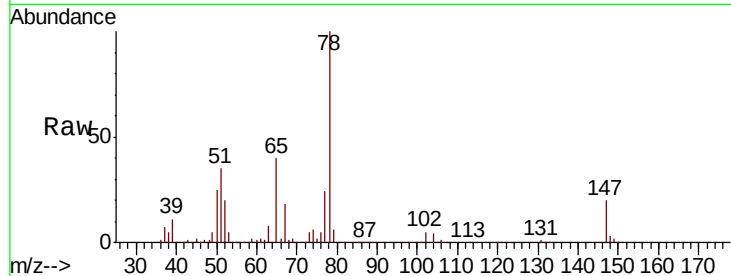
Tgt Ion: 97 Resp: 894618
Ion Ratio Lower Upper
97 100
99 66.1 53.6 80.4
61 44.5 33.9 50.9





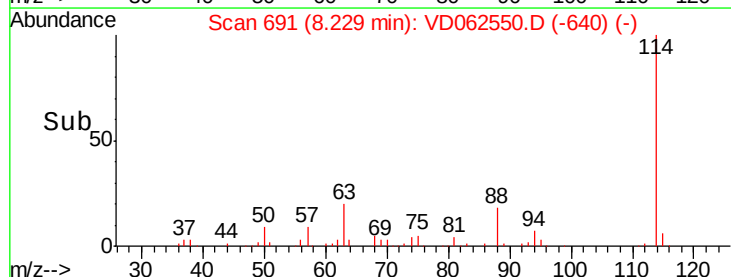
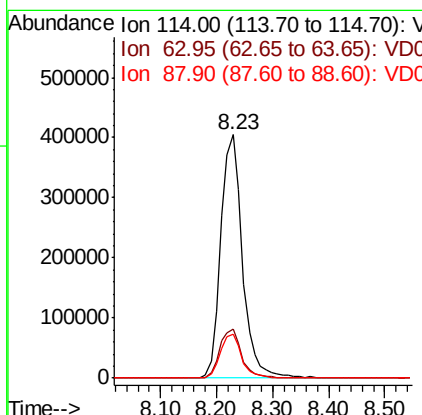
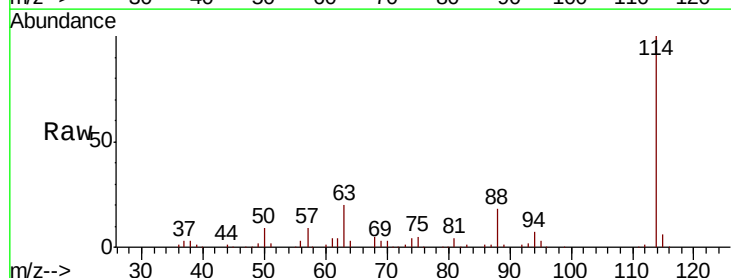
#33
 1,2-Dichloroethane-d4
 Concen: 46.991 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

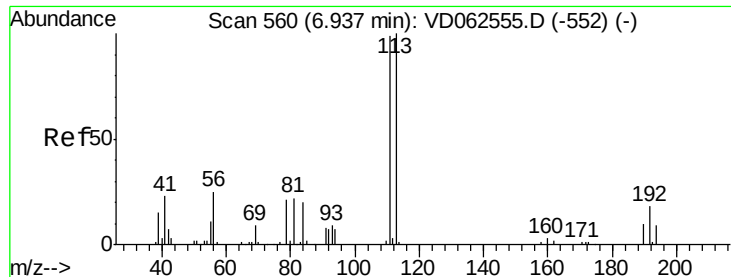
Tot Ion: 65 Resp: 477040
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 83.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion: 114 Resp: 1091518
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 18.2 0.0 37.6





#35

Dibromofluoromethane

Concen: 48.869 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

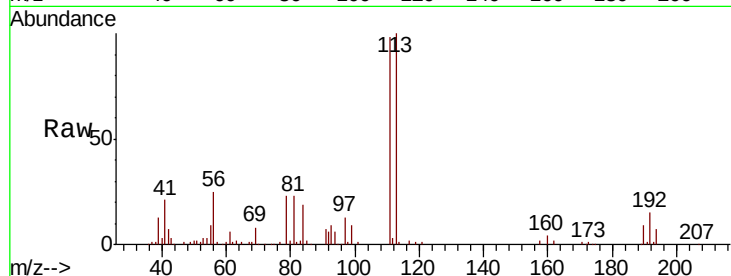
Tot Ion:113 Resp: 492940

Ion Ratio Lower Upper

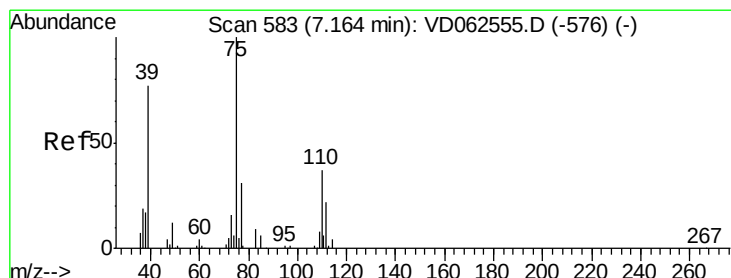
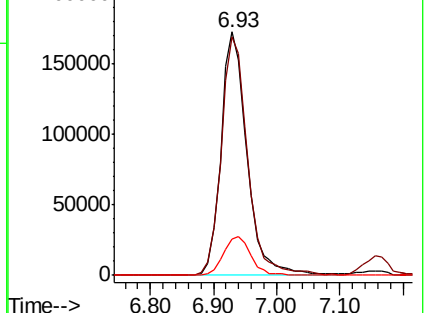
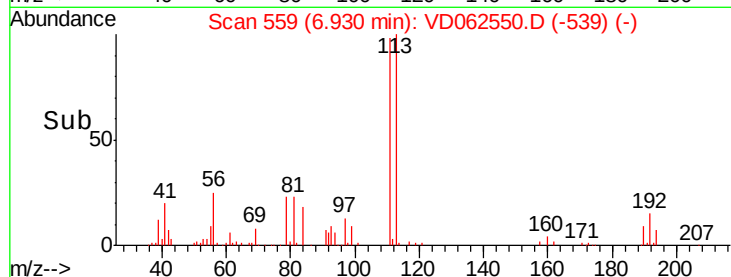
113 100

111 98.2 78.8 118.2

192 15.0 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: 54.665 ug/l

RT: 7.16 min Scan# 582

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

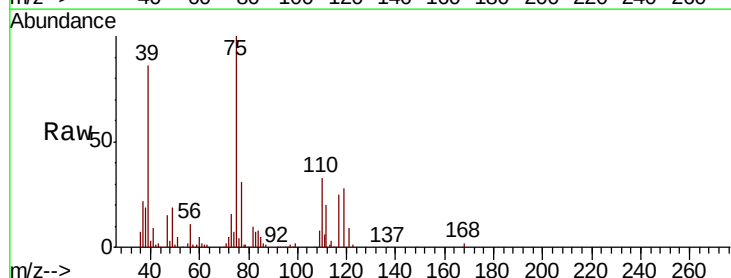
Tgt Ion: 75 Resp: 605137

Ion Ratio Lower Upper

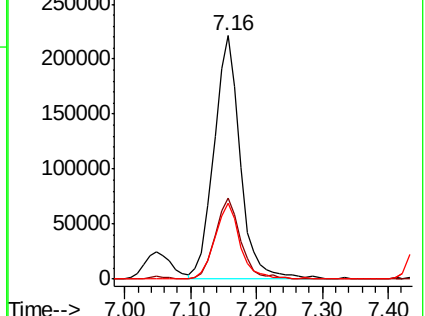
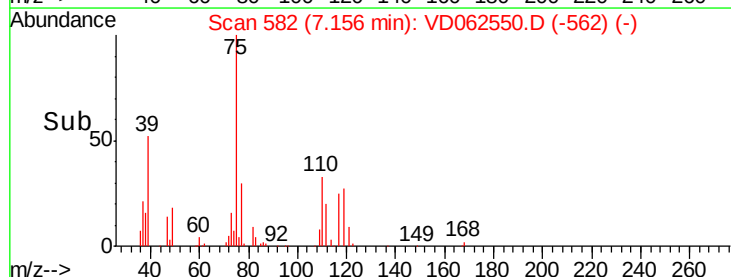
75 100

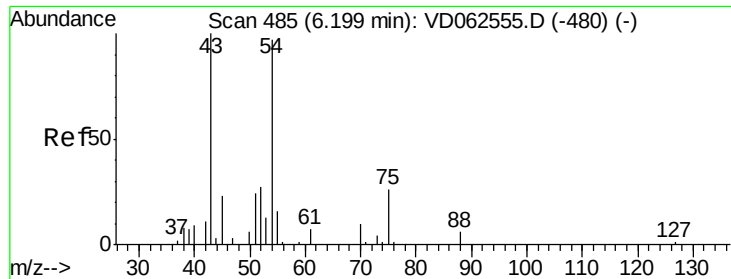
110 33.3 18.3 54.8

77 31.1 24.4 36.6



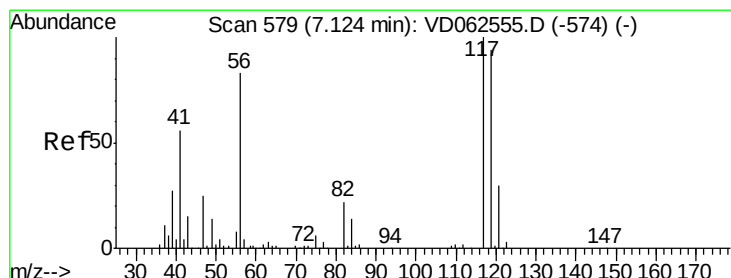
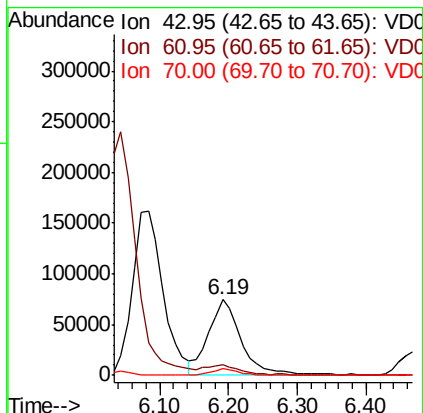
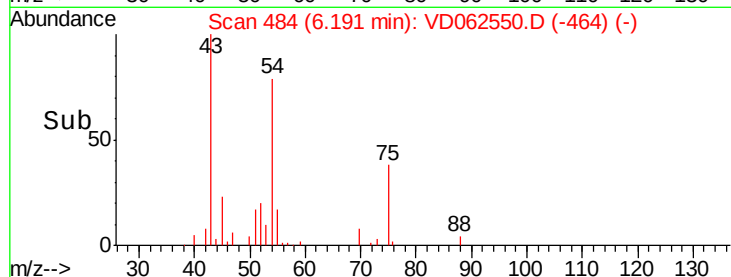
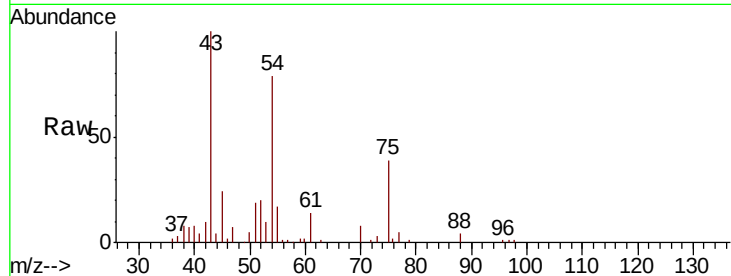
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





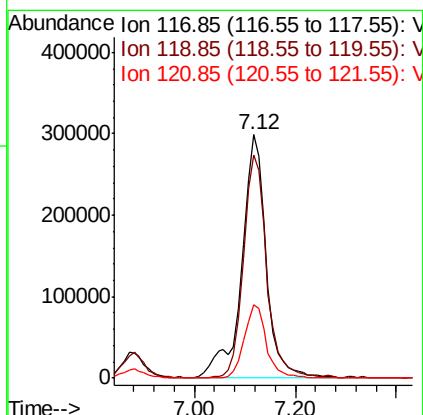
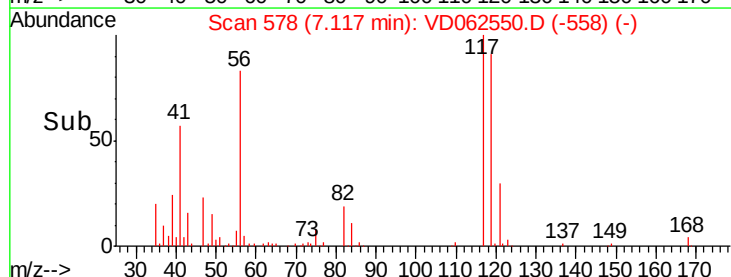
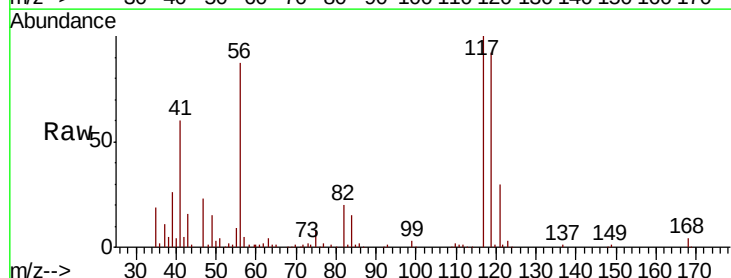
#37
Ethyl Acetate
Concen: 48.226 ug/l
RT: 6.19 min Scan# 484
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

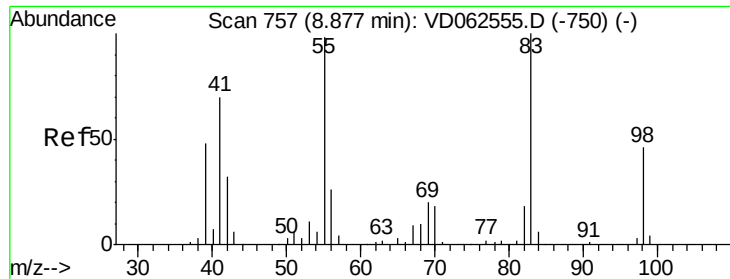
Tot Ion: 43 Resp: 238393
Ion Ratio Lower Upper
43 100
61 13.6 9.8 14.8
70 8.4 6.5 9.7



#38
Carbon Tetrachloride
Concen: 59.970 ug/l
RT: 7.12 min Scan# 578
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

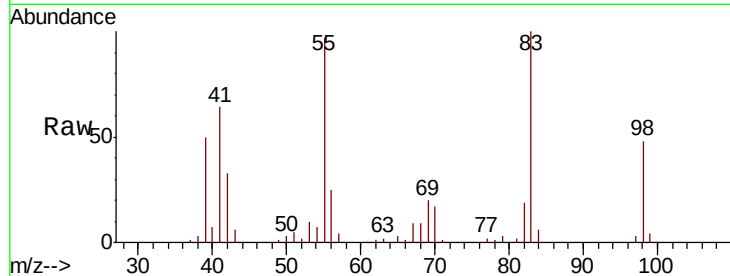
Tgt Ion: 117 Resp: 1002699
Ion Ratio Lower Upper
117 100
119 91.7 71.4 107.2
121 30.3 22.5 33.7



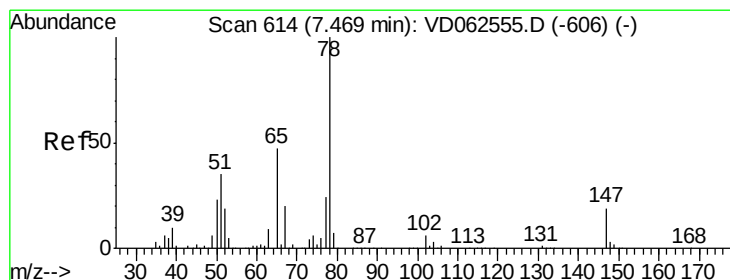
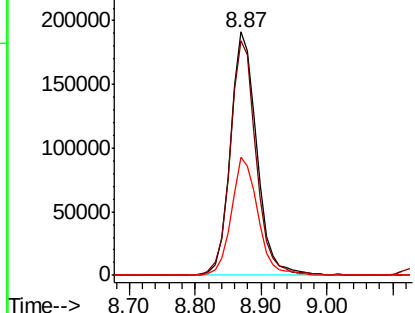
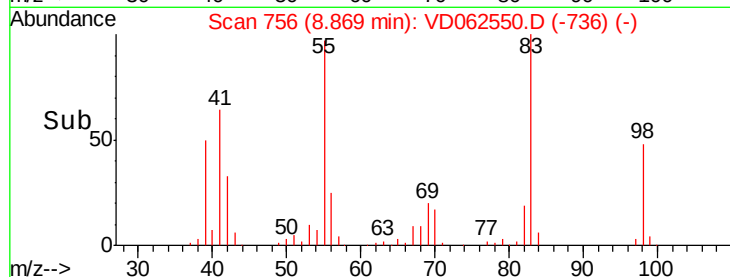


#39
Methylvlcyclohexane
Concen: 57.947 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion: 83 Resp: 537389
Ion Ratio Lower Upper
83 100
55 96.6 78.7 118.1
98 48.4 37.2 55.8

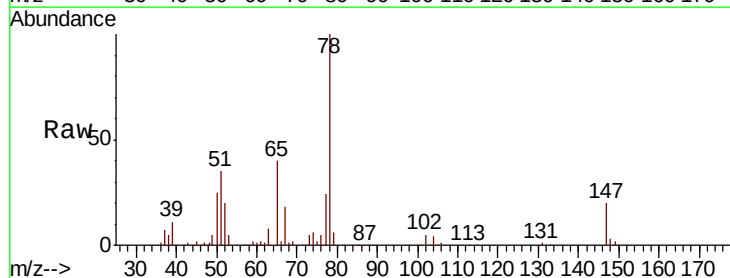


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

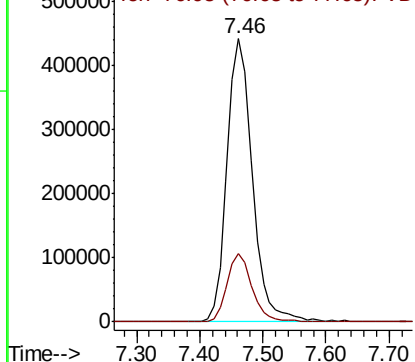
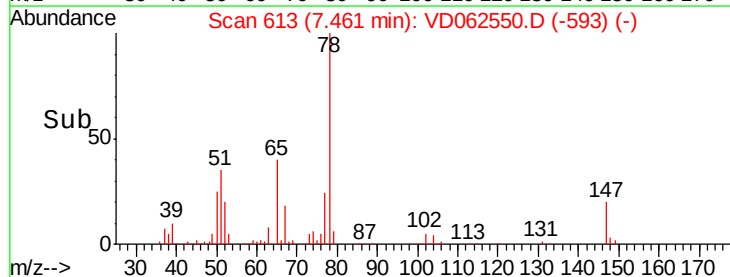


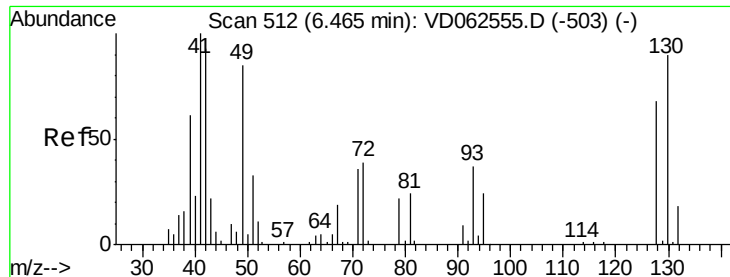
#40
Benzene
Concen: 56.568 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion: 78 Resp: 1230101
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7



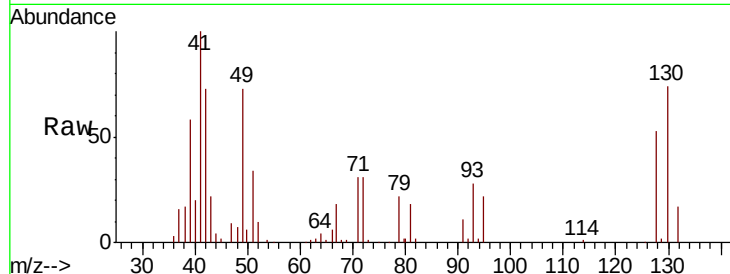
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC



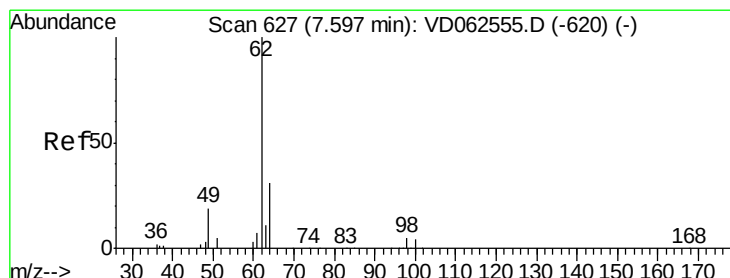
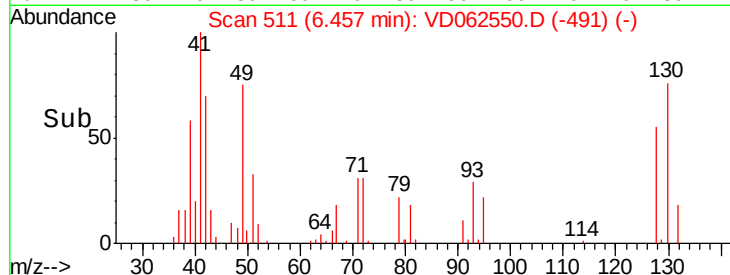
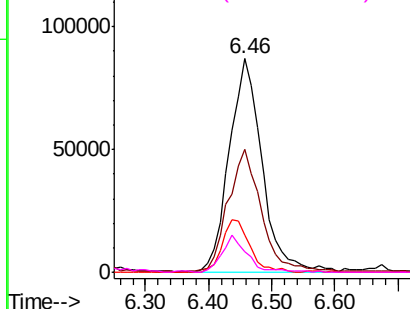


#41
Methacrylonitrile
Concen: 56.568 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion: 41 Resp: 313444
Ion Ratio Lower Upper
41 100
39 57.6 49.0 73.6
67 17.5 15.5 23.3
52 9.8 8.9 13.3

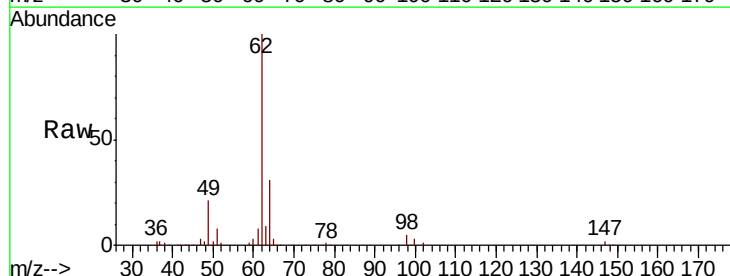


Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 38.95 (38.65 to 39.65): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

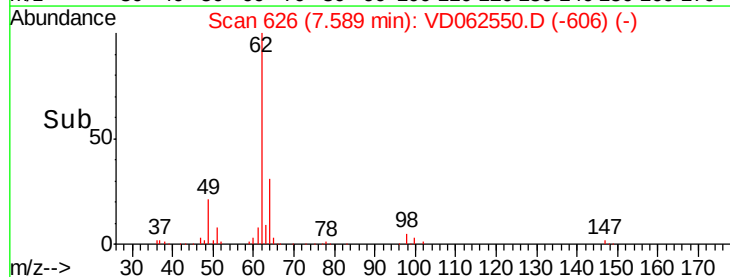
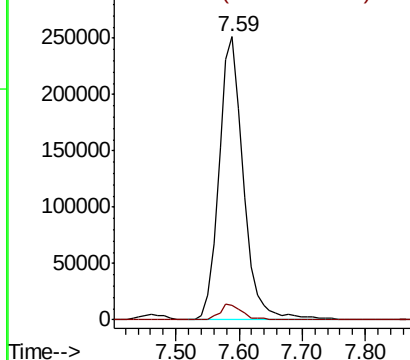


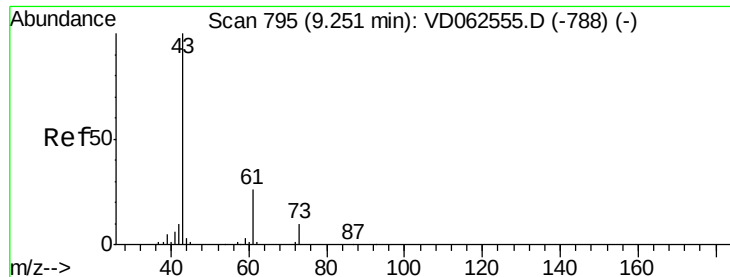
#42
1,2-Dichloroethane
Concen: 55.569 ug/l
RT: 7.59 min Scan# 626
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion: 62 Resp: 674619
Ion Ratio Lower Upper
62 100
98 5.1 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: 58.352 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

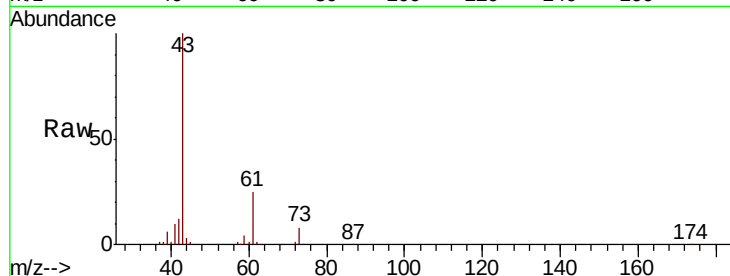
Tot Ion: 43 Resp: 342011

Ion Ratio Lower Upper

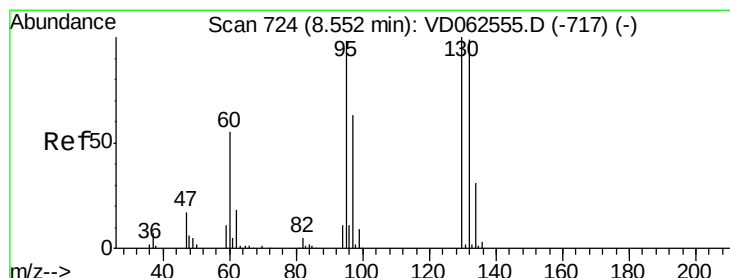
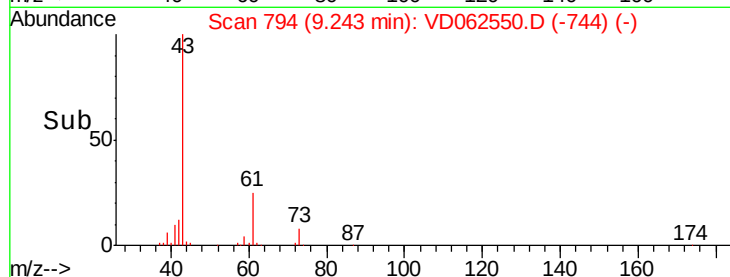
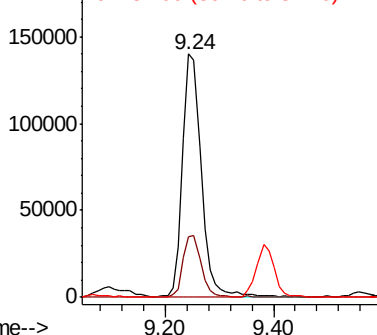
43 100

61 25.1 20.5 30.7

87 0.3 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: 54.939 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD062550.D

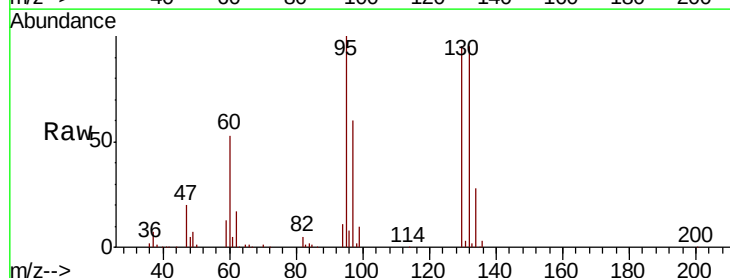
Acq: 30 May 2019 13:00

Tgt Ion:130 Resp: 478190

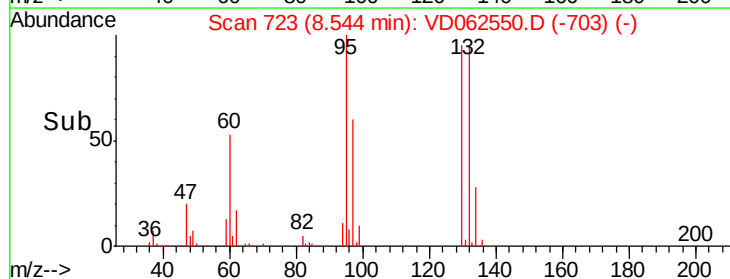
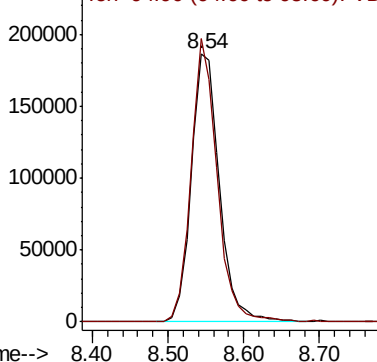
Ion Ratio Lower Upper

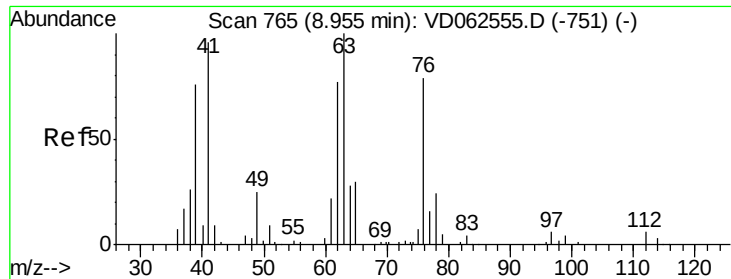
130 100

95 105.5 0.0 196.6



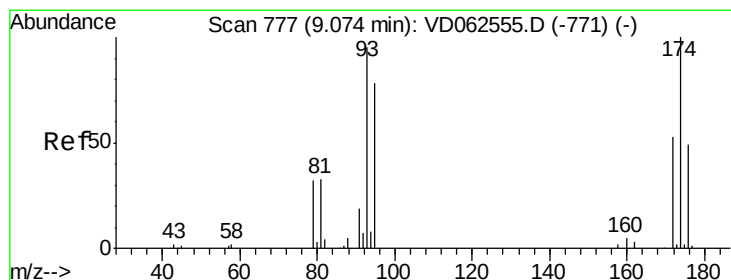
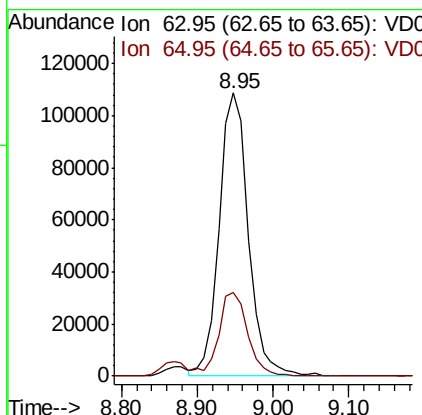
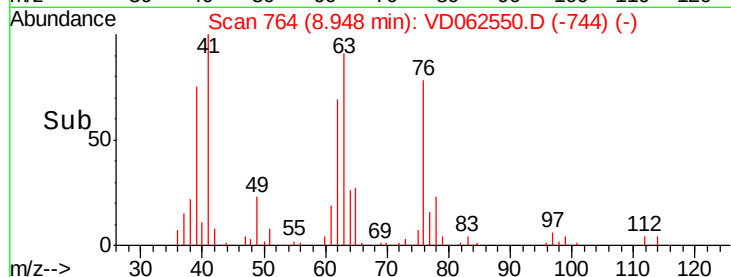
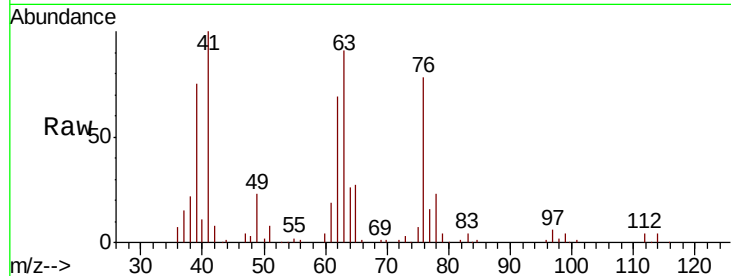
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





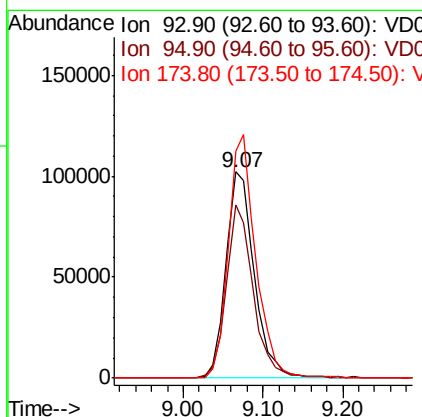
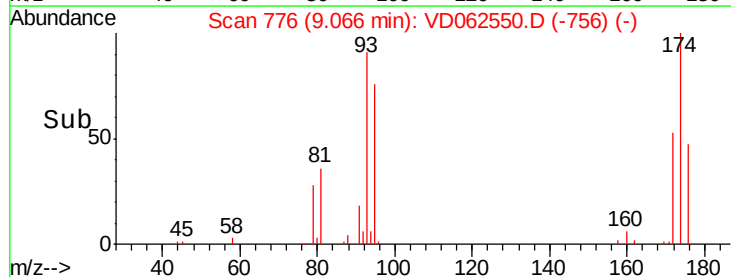
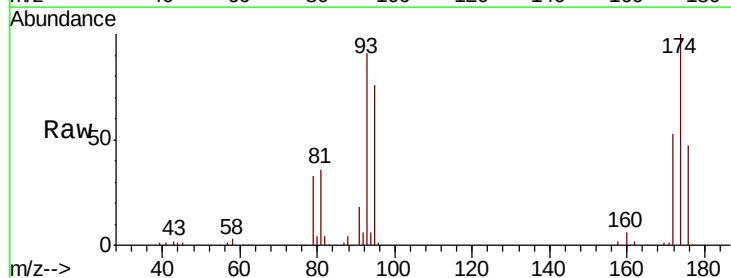
#45
 1,2-Dichloropropane
 Concen: 54.319 ug/l
 RT: 8.95 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

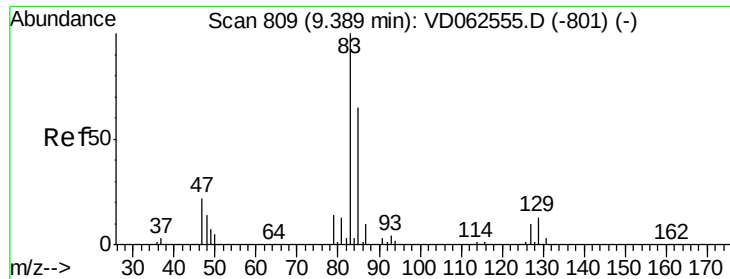
Tot Ion: 63 Resp: 290141
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.7 35.5



#46
 Dibromomethane
 Concen: 57.430 ug/l
 RT: 9.07 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion: 93 Resp: 255871
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.1 99.1
 174 110.2 84.2 126.4





#47

Bromodichloromethane

Concen: 54.865 ug/l

RT: 9.38 min Scan# 808

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

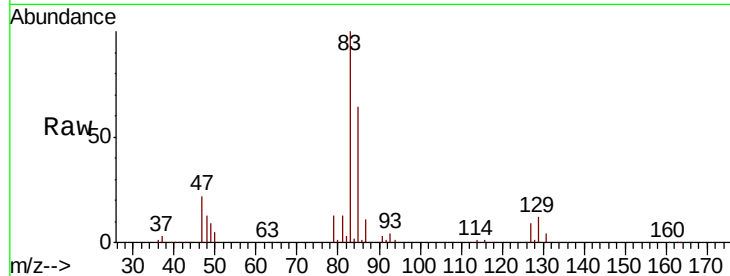
Tot Ion: 83 Resp: 679018

Ion Ratio Lower Upper

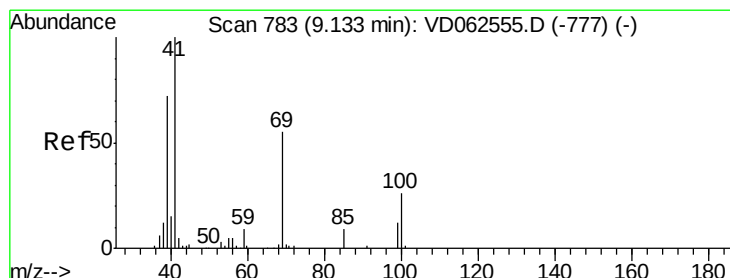
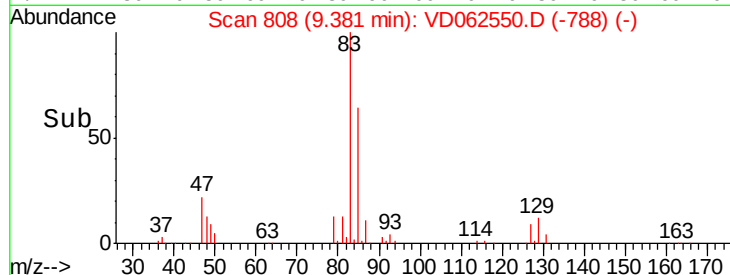
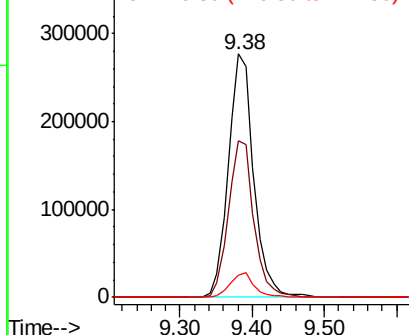
83 100

85 64.5 51.8 77.8

127 9.2 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: 53.219 ug/l

RT: 9.13 min Scan# 782

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

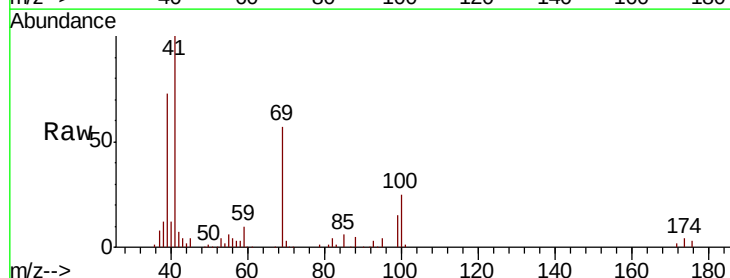
Tgt Ion: 41 Resp: 214329

Ion Ratio Lower Upper

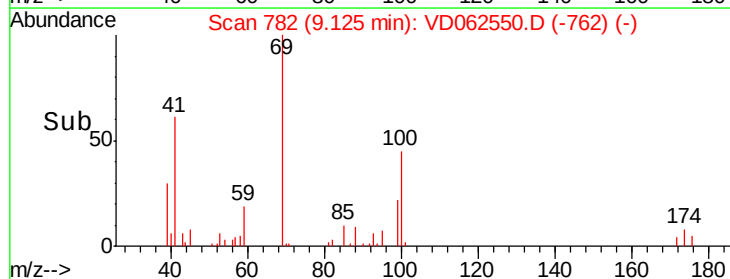
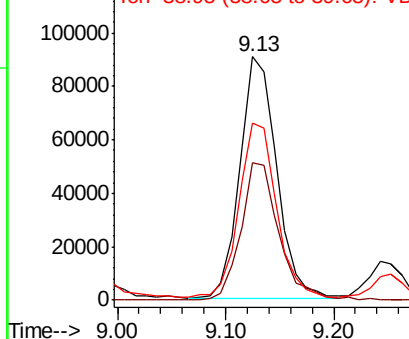
41 100

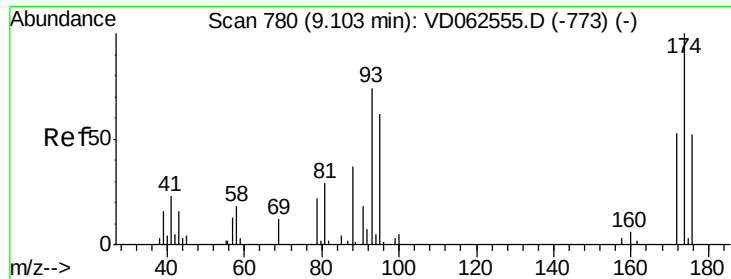
69 56.6 43.6 65.4

39 72.9 58.1 87.1



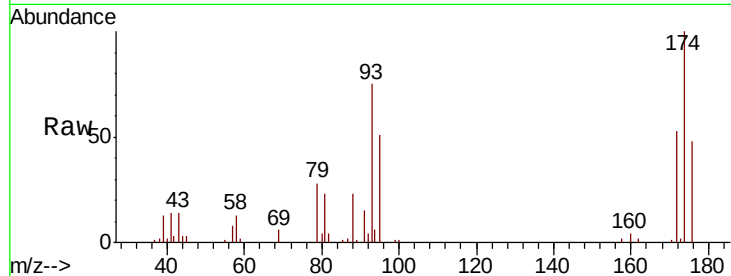
Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC



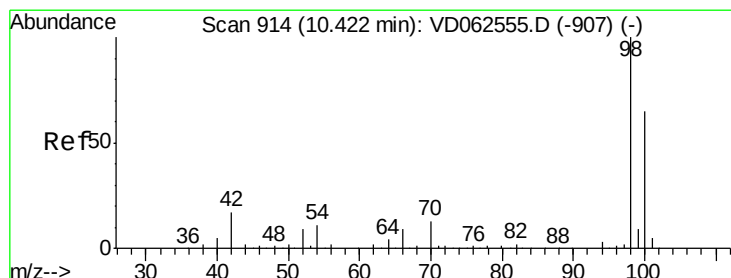
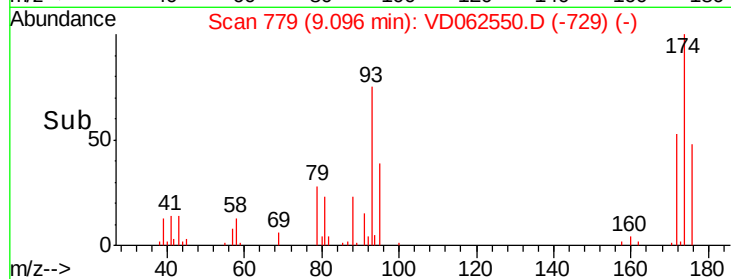
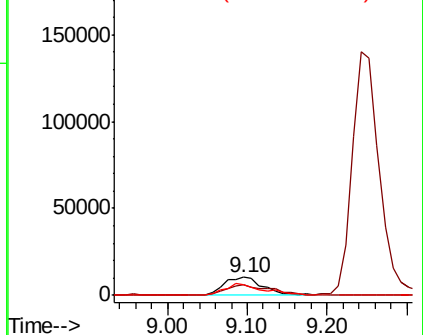


#49
1,4-Dioxane
Concen: 1126.702 ug/l
RT: 9.10 min Scan# 779
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion: 88 Resp: 36836
Ion Ratio Lower Upper
88 100
43 59.9 37.1 55.7#
58 57.0 39.3 58.9

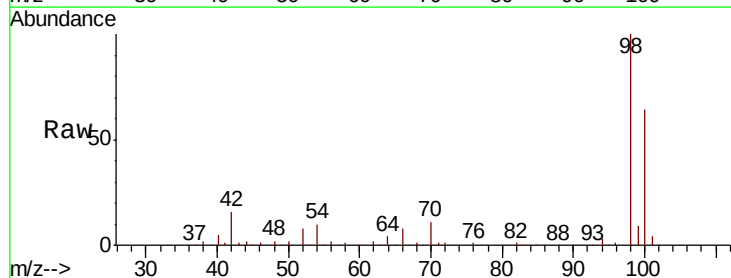


Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC

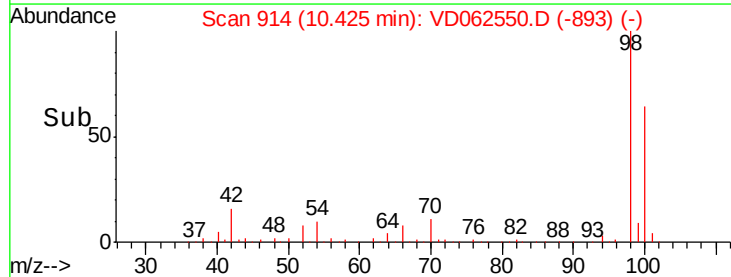
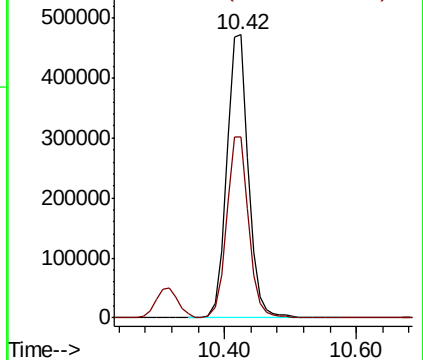


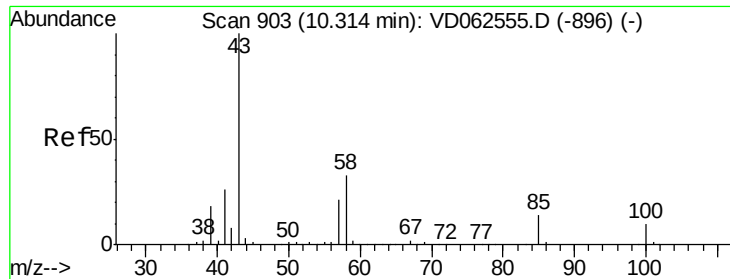
#50
Toluene-d8
Concen: 49.701 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion: 98 Resp: 1086427
Ion Ratio Lower Upper
98 100
100 63.8 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: 268.908 ug/l

RT: 10.31 min Scan# 902

Delta R.T. -0.01 min

Lab File: VD062550.D

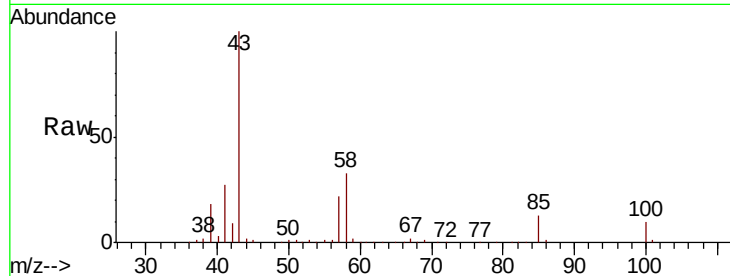
Acq: 30 May 2019 13:00

Tot Ion: 43 Resp: 1114984

Ion Ratio Lower Upper

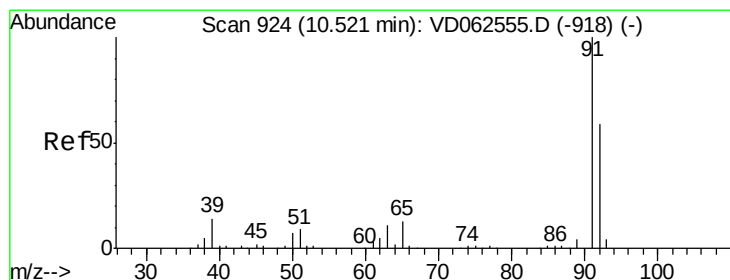
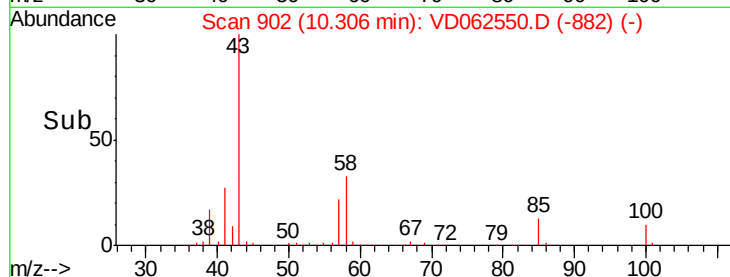
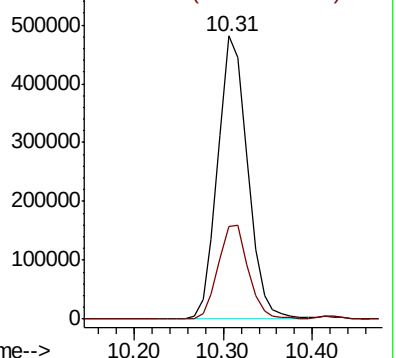
43 100

58 32.7 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 53.700 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD062550.D

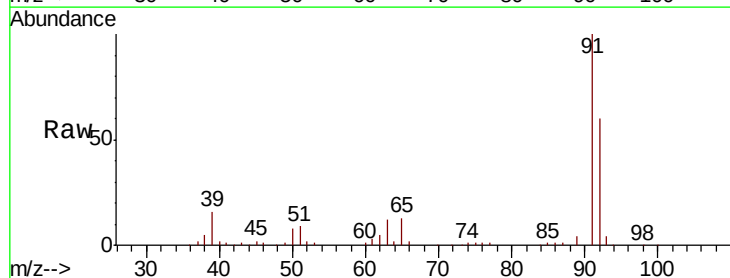
Acq: 30 May 2019 13:00

Tgt Ion: 92 Resp: 794433

Ion Ratio Lower Upper

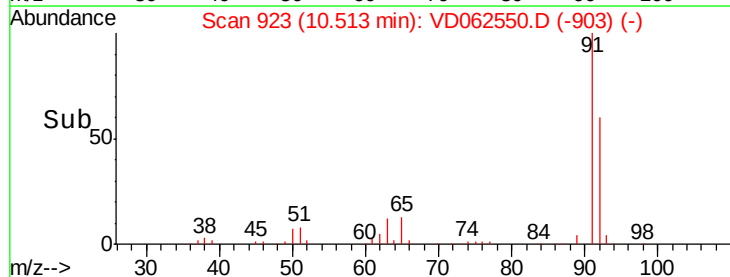
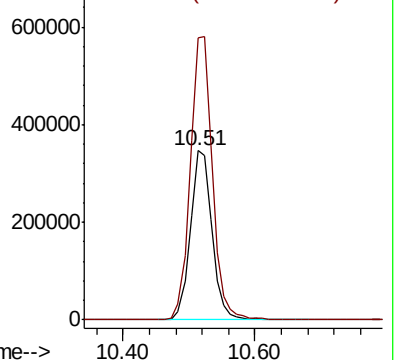
92 100

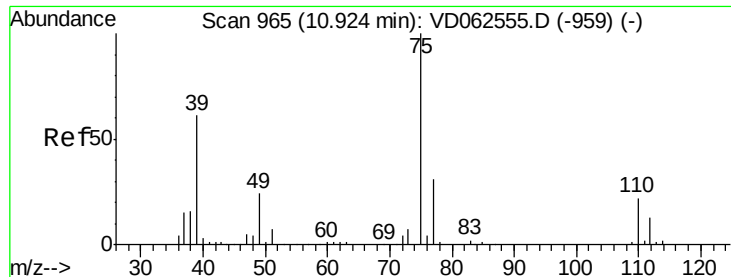
91 166.7 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

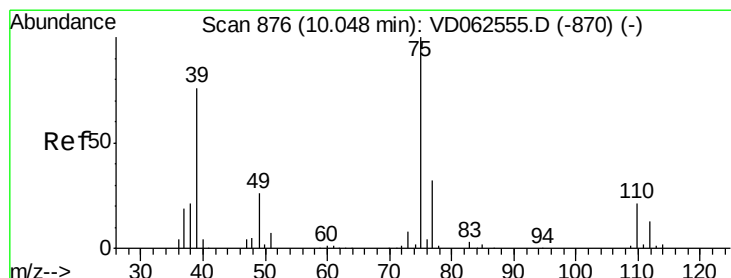
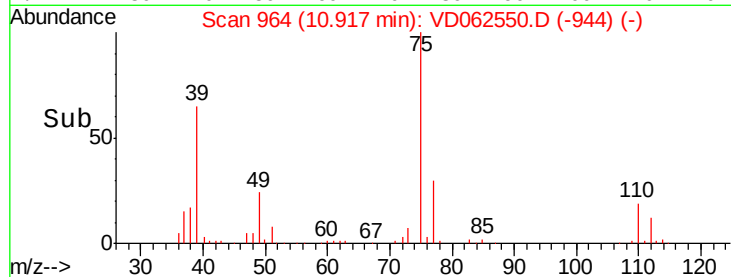
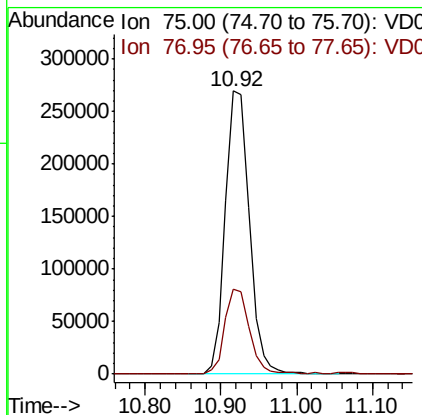
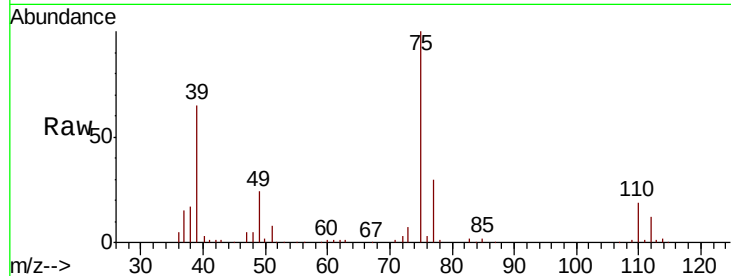
Ion 91.00 (90.70 to 91.70): VDC





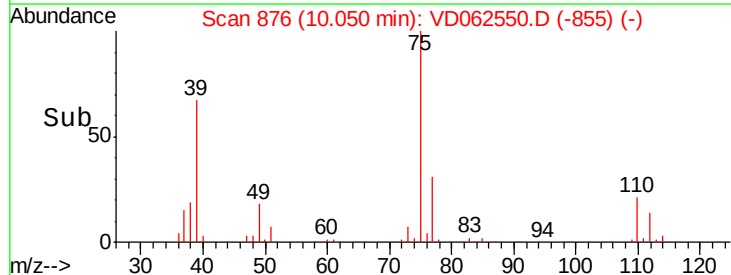
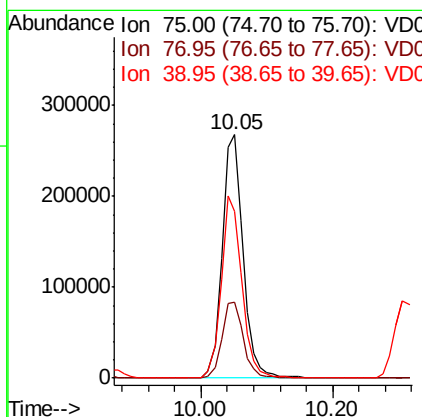
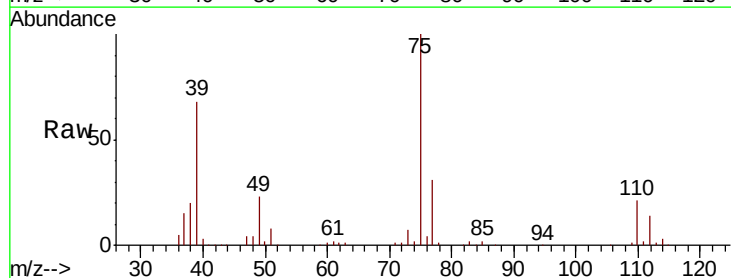
#53
 t-1,3-Dichloropropene
 Concen: 56.304 ug/l
 RT: 10.92 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

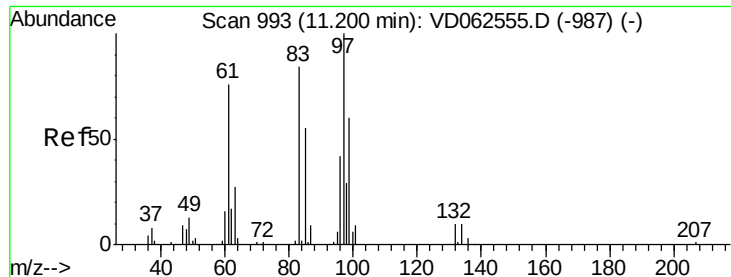
Tot Ion: 75 Resp: 595702
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.108 ug/l
 RT: 10.05 min Scan# 876
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion: 75 Resp: 591756
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.7 38.5
 39 68.5 61.0 91.6





#55

1,1,2-Trichloroethane

Concen: 52.306 ug/l

RT: 11.20 min Scan# 993

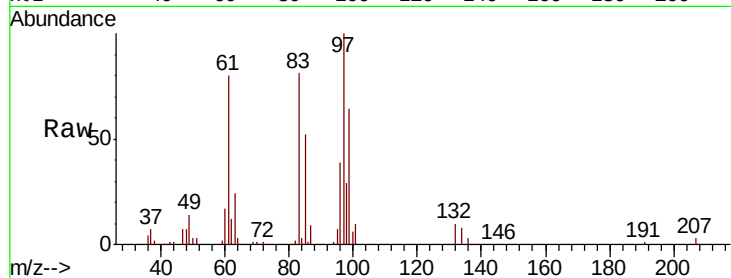
Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tot Ion: 97 Resp: 257310

Ion	Ratio	Lower	Upper
97	100		
83	81.3	67.3	100.9
85	51.5	43.8	65.8
99	64.3	48.2	72.2

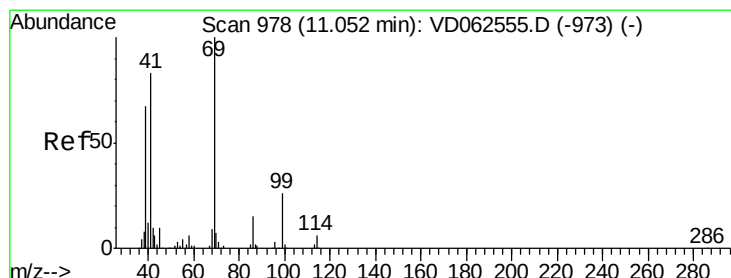
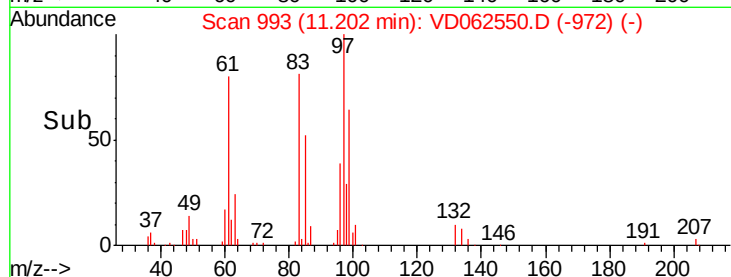
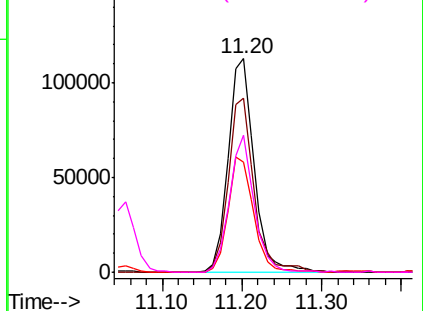


Abundance Ion 96.85 (96.55 to 97.55): VDC

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: 60.929 ug/l

RT: 11.05 min Scan# 978

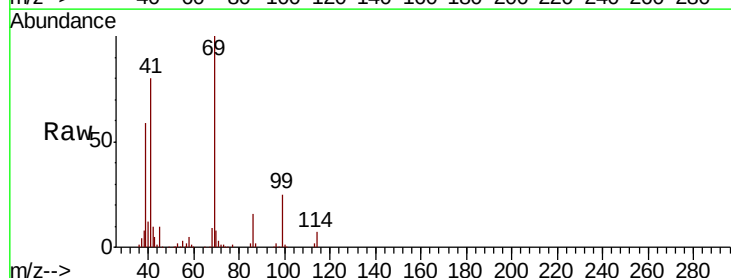
Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tgt Ion: 69 Resp: 317022

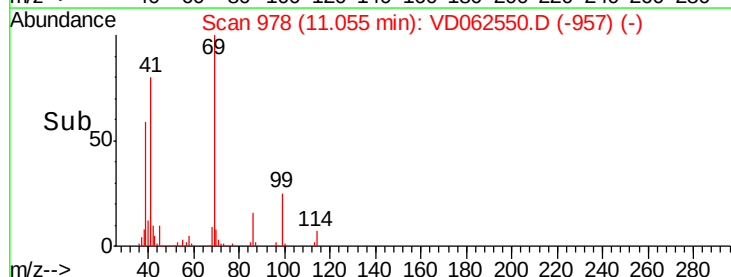
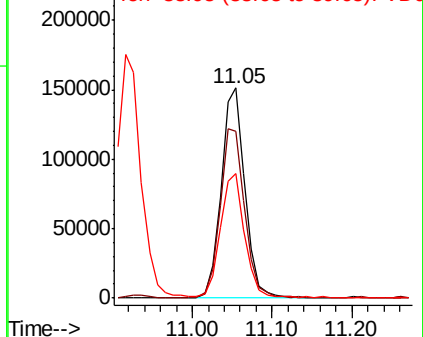
Ion	Ratio	Lower	Upper
69	100		
41	79.5	66.1	99.1
39	59.3	54.2	81.2

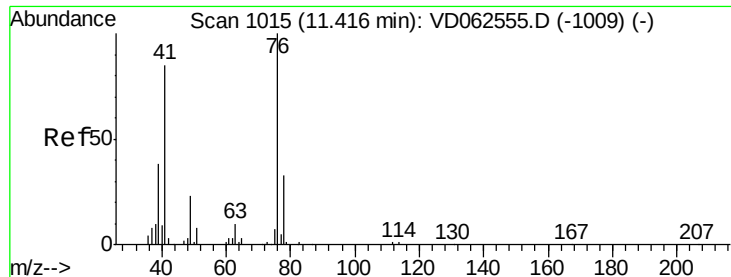


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

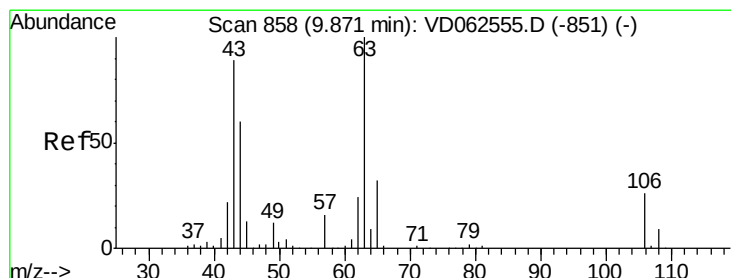
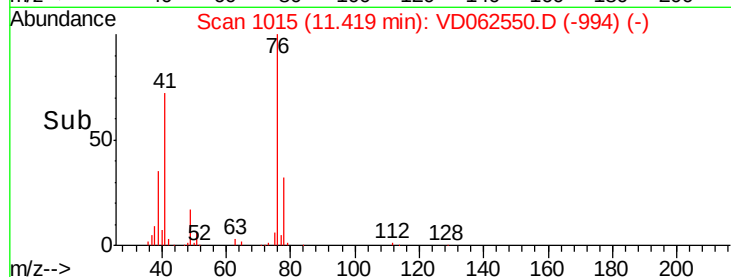
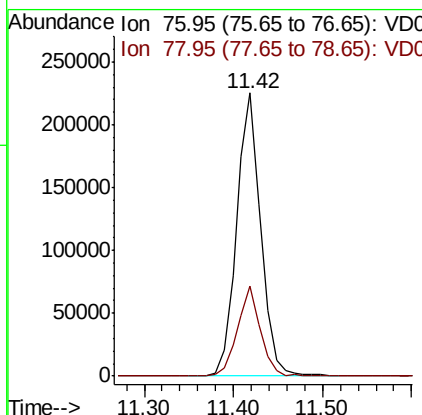
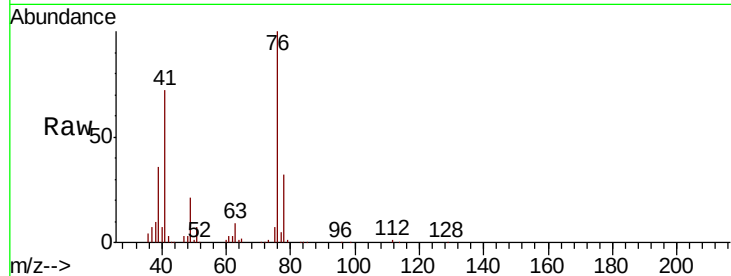
Ion 38.95 (38.65 to 39.65): VDC





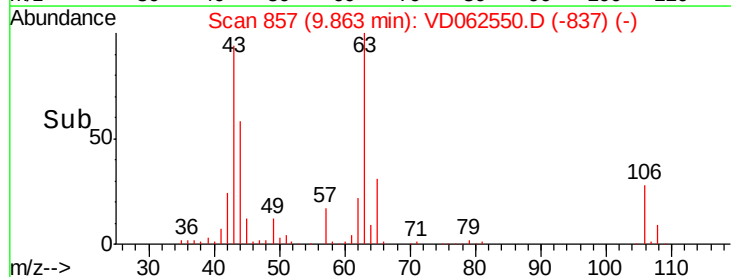
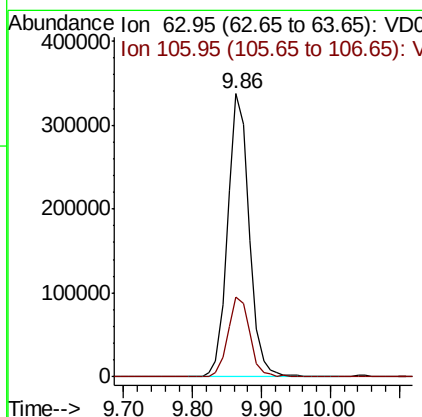
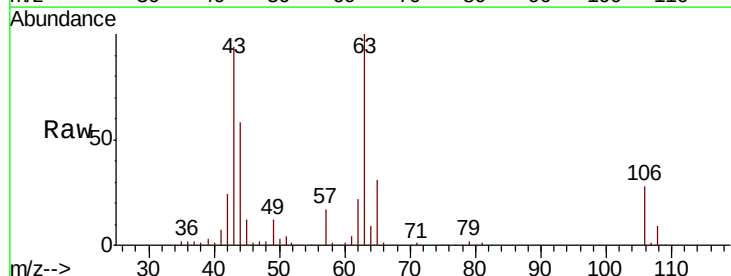
#57
 1,3-Dichloropropane
 Concen: 56.803 ug/l
 RT: 11.42 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

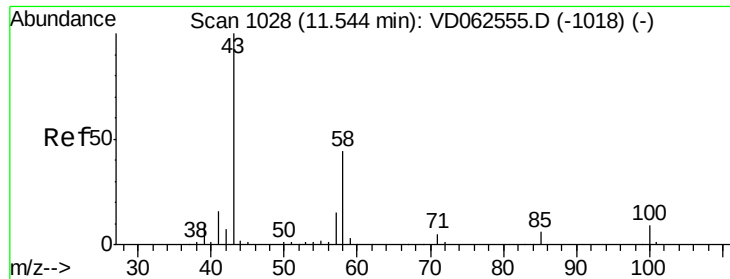
Tot Ion: 76 Resp: 423229
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.7 40.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.301 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

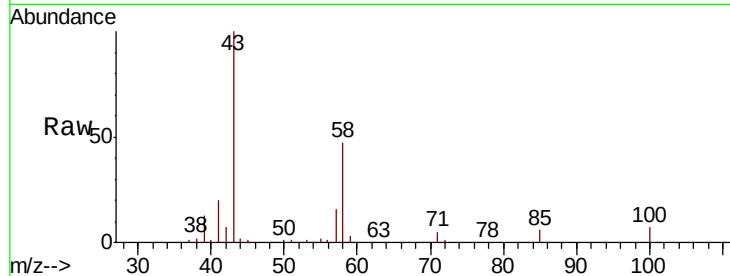
Tgt Ion: 63 Resp: 728941
 Ion Ratio Lower Upper
 63 100
 106 28.2 21.0 31.4



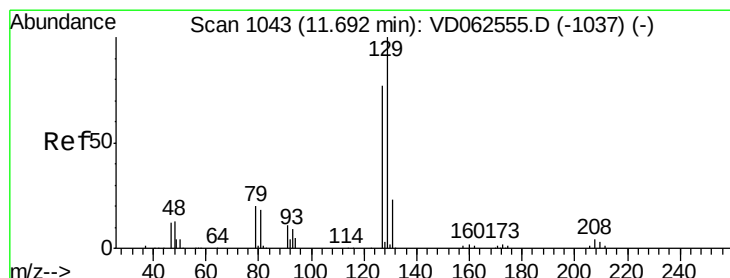
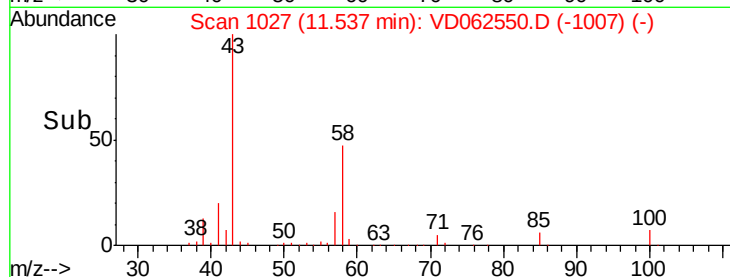
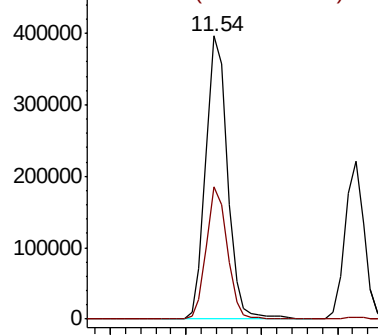


#59
2-Hexanone
Concen: 271.291 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion: 43 Resp: 785929
Ion Ratio Lower Upper
43 100
58 46.6 22.0 66.0

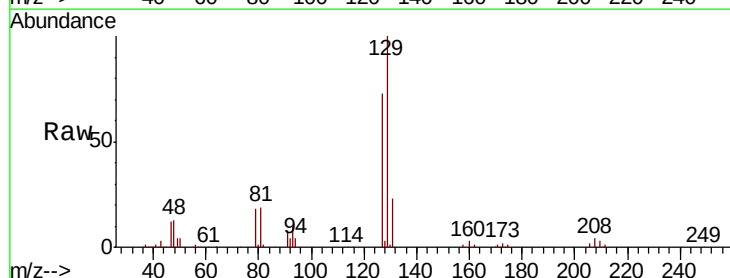


Abundance Ion 42.95 (42.65 to 43.65): VD062550.D
Ion 57.95 (57.65 to 58.65): VD062550.D

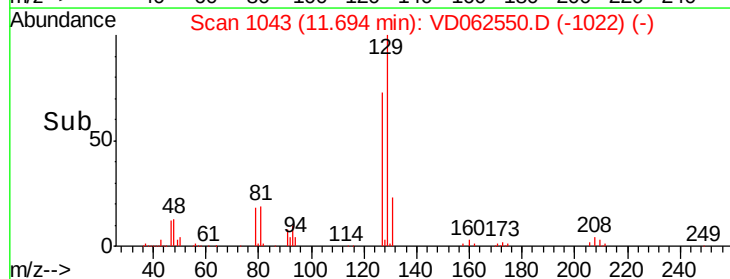
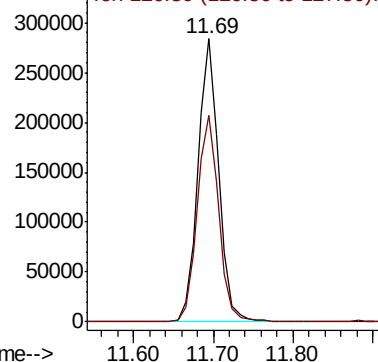


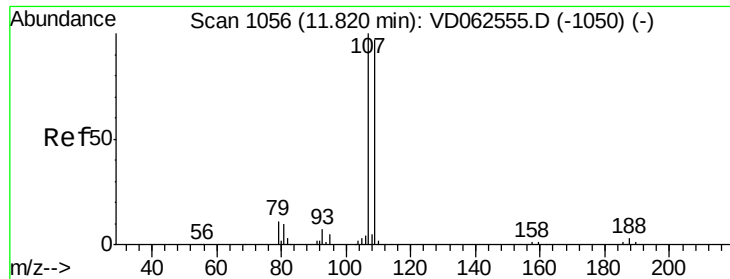
#60
Dibromochloromethane
Concen: 54.672 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion: 129 Resp: 521750
Ion Ratio Lower Upper
129 100
127 72.8 38.6 115.8



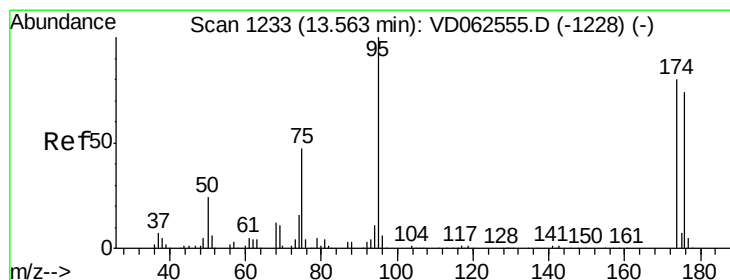
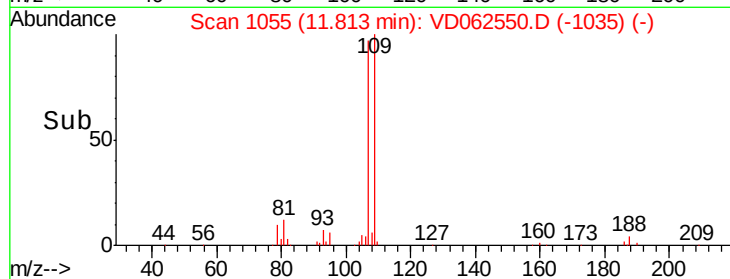
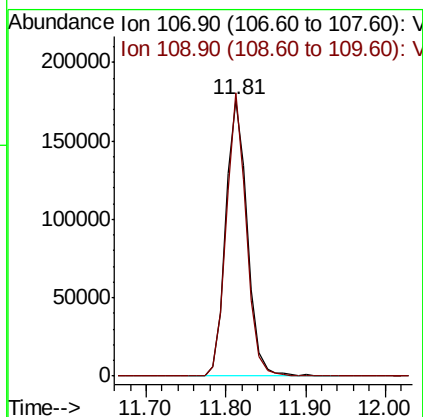
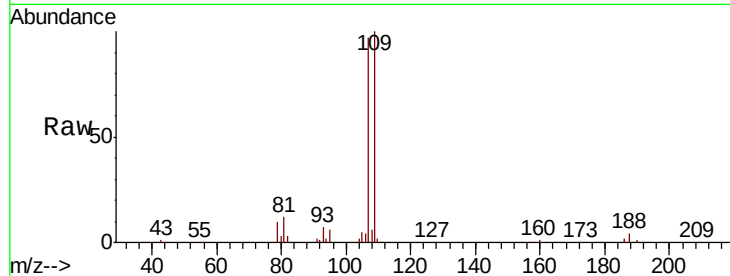
Abundance Ion 128.80 (128.50 to 129.50): VD062550.D
Ion 126.80 (126.50 to 127.50): VD062550.D





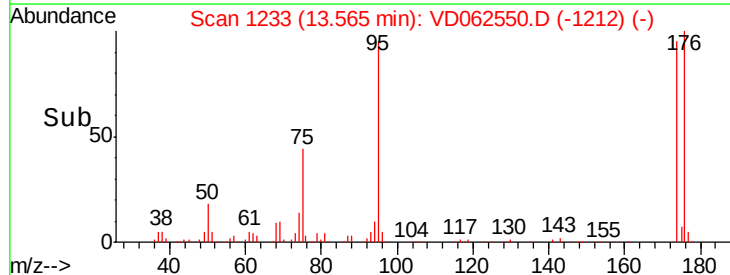
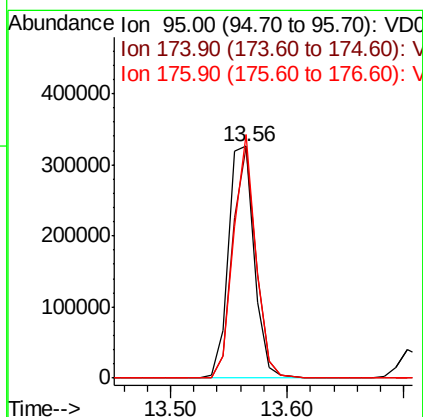
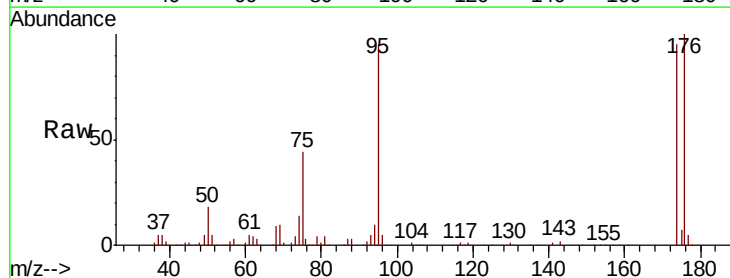
#61
 1,2-Dibromoethane
 Concen: 57.534 ug/l
 RT: 11.81 min Scan# 1055
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

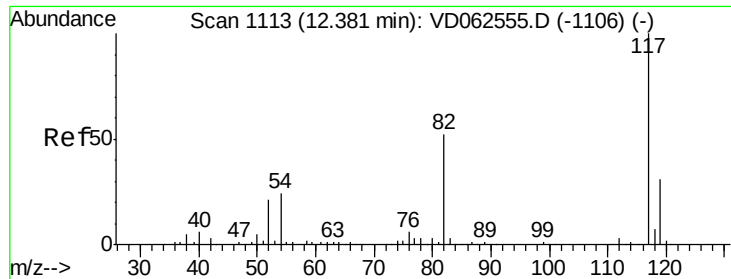
Tot Ion: 107 Resp: 334915
 Ion Ratio Lower Upper
 107 100
 109 102.6 77.3 115.9



#62
 4-Bromofluorobenzene
 Concen: 51.085 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion: 95 Resp: 500665
 Ion Ratio Lower Upper
 95 100
 174 99.4 0.0 160.2
 176 104.9 0.0 148.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

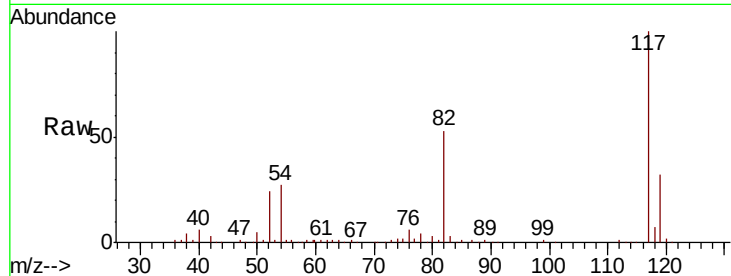
Tot Ion:117 Resp: 977195

Ion Ratio Lower Upper

117 100

82 52.9 41.4 62.2

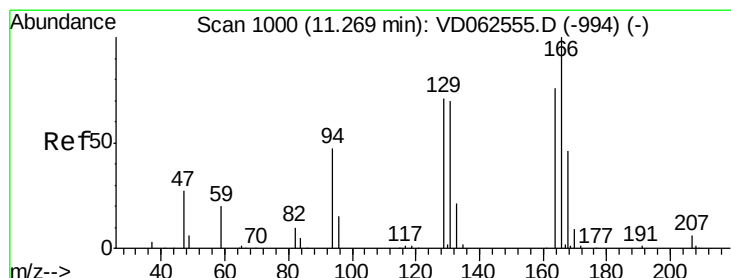
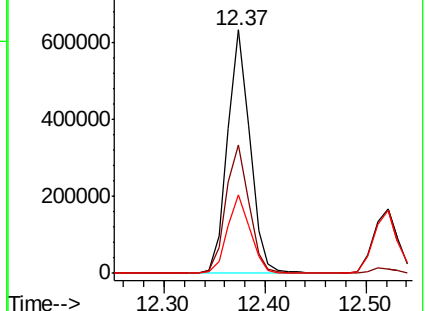
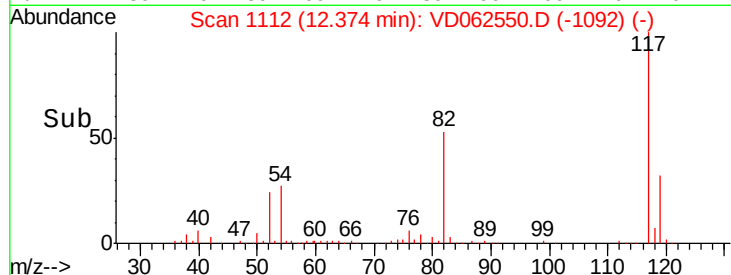
119 32.1 24.9 37.3



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



#64

Tetrachloroethene

Concen: 48.919 ug/l

RT: 11.27 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tgt Ion:164 Resp: 432639

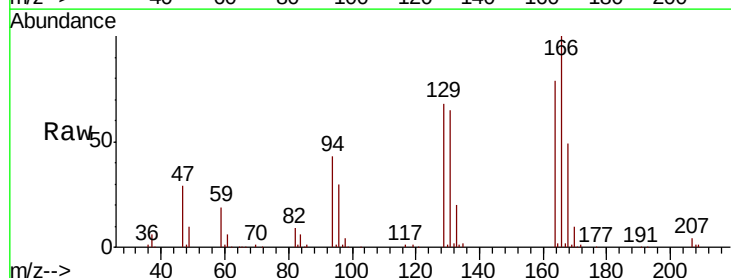
Ion Ratio Lower Upper

164 100

166 126.3 105.3 157.9

129 85.8 75.3 112.9

131 81.6 73.3 109.9

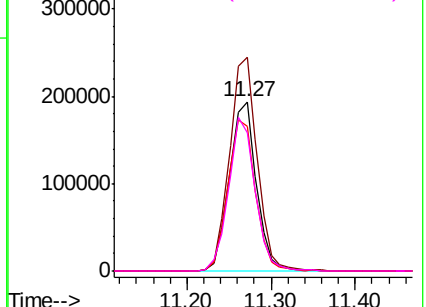
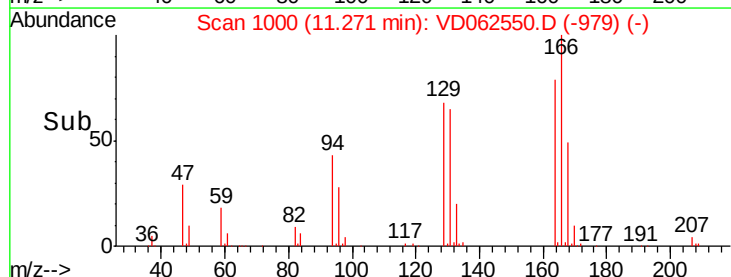


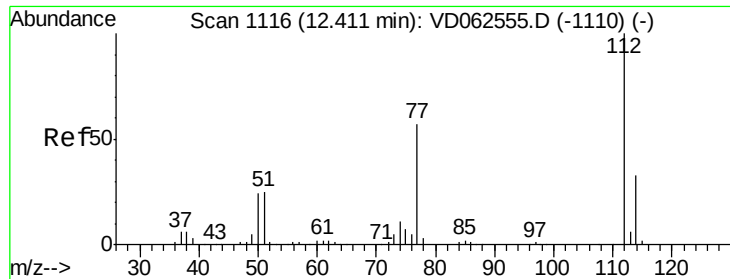
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

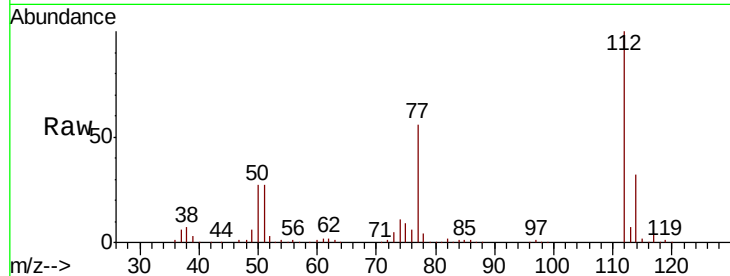
Ion 130.80 (130.50 to 131.50): V



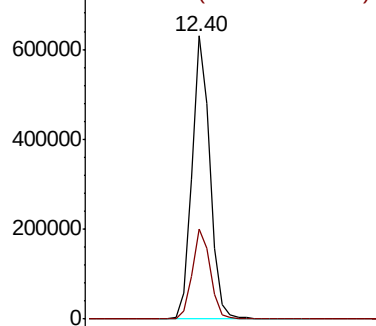


#65
Chlorobenzene
Concen: 50.739 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

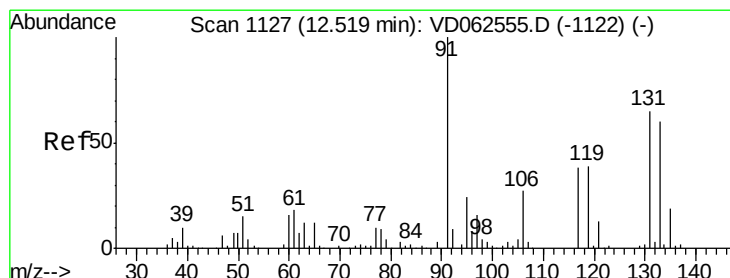
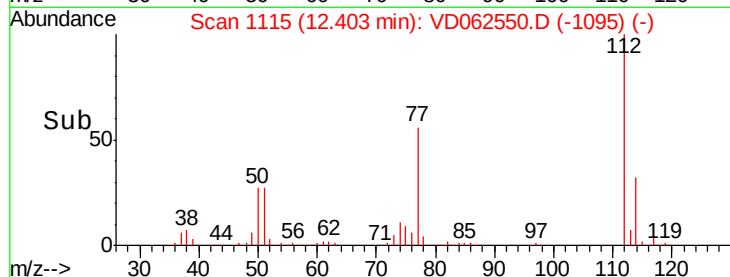
Tot Ion:112 Resp: 1002593
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8



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

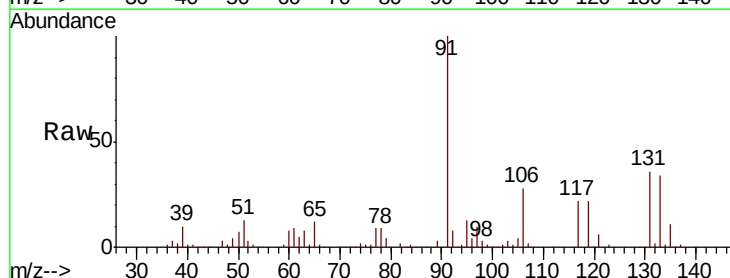


Time-->

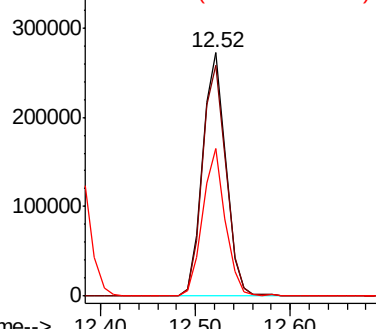


#66
1,1,1,2-Tetrachloroethane
Concen: 50.265 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

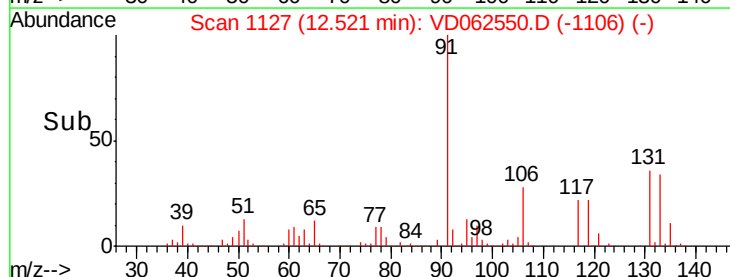
Tgt Ion:131 Resp: 464173
Ion Ratio Lower Upper
131 100
133 94.7 46.2 138.6
119 60.7 29.5 88.6

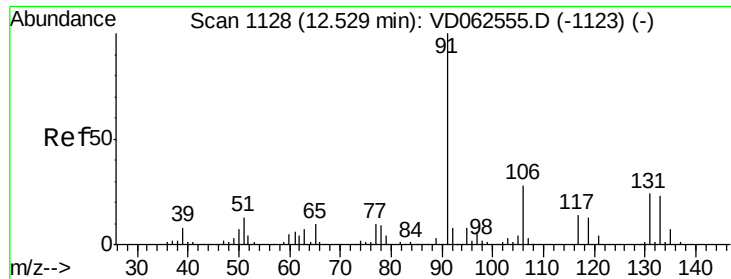


Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



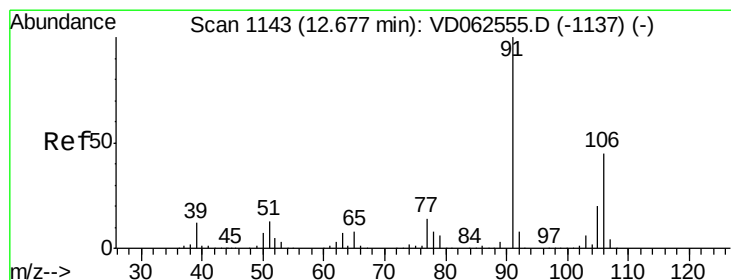
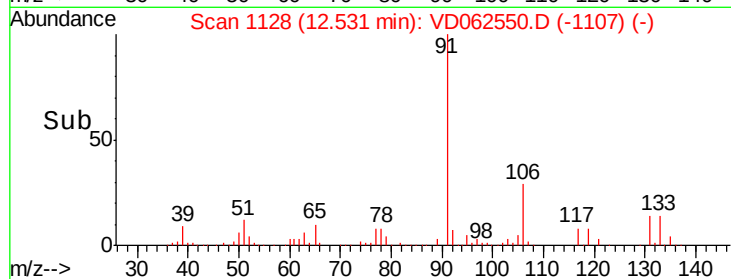
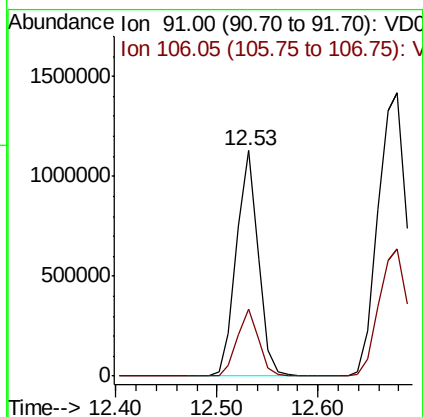
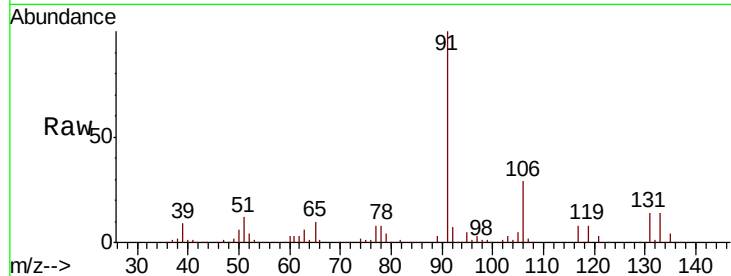
Time-->





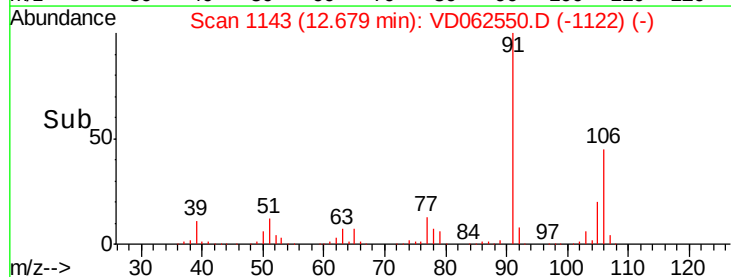
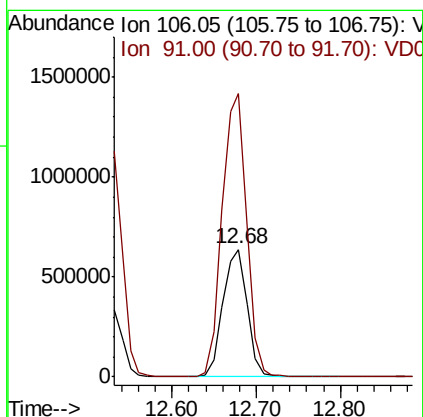
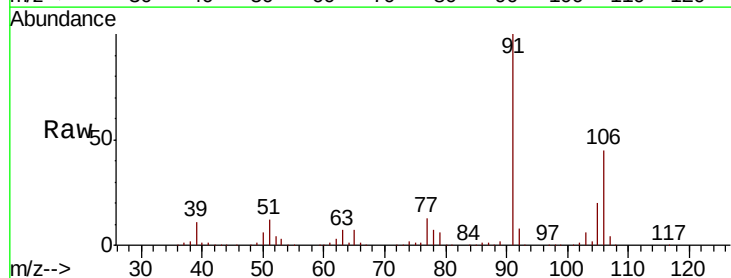
#67
Ethyl Benzene
Concen: 47.741 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

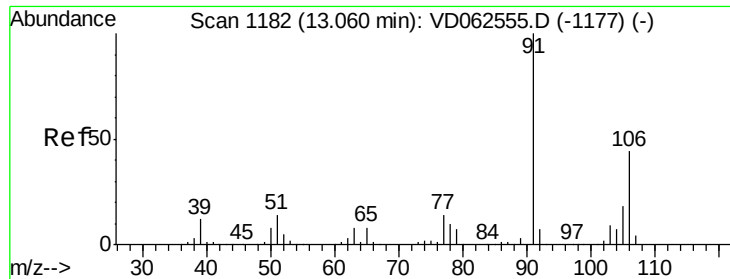
Tot Ion: 91 Resp: 1699773
Ion Ratio Lower Upper
91 100
106 29.5 22.2 33.2



#68
m/p-Xylenes
Concen: 104.239 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

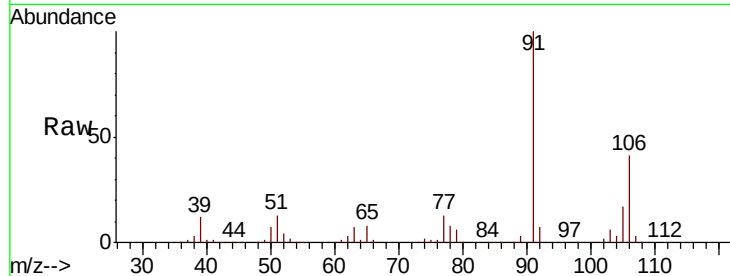
Tgt Ion: 106 Resp: 1260380
Ion Ratio Lower Upper
106 100
91 222.3 178.9 268.3



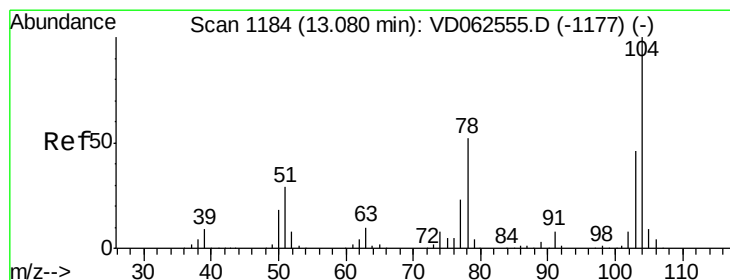
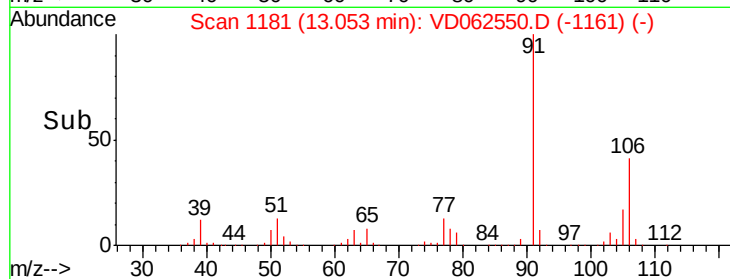
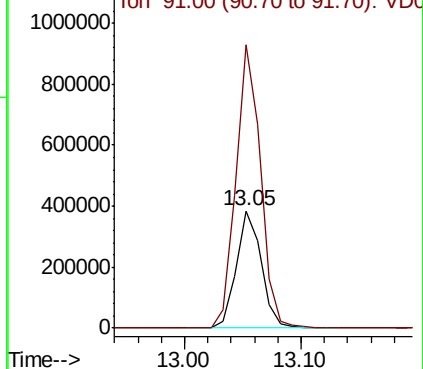


#69
o-Xylene
Concen: 48.642 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion:106 Resp: 569927
Ion Ratio Lower Upper
106 100
91 241.6 113.9 341.8

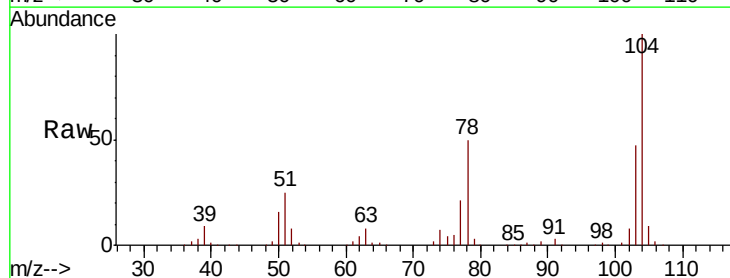


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

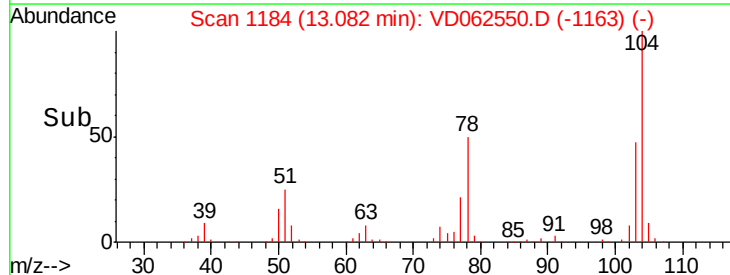
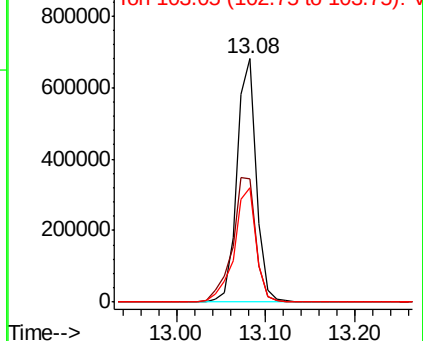


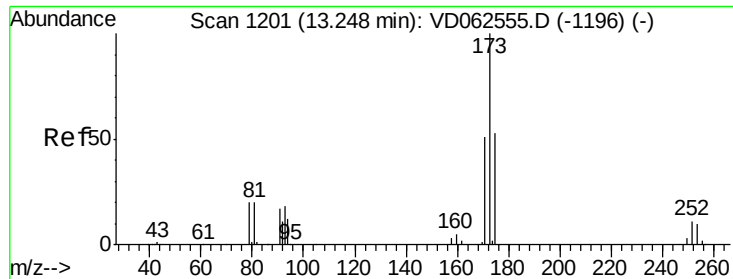
#70
Styrene
Concen: 52.186 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion:104 Resp: 1033673
Ion Ratio Lower Upper
104 100
78 50.4 41.5 62.3
103 46.9 36.6 55.0



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





#71

Bromoform

Concen: 51.754 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

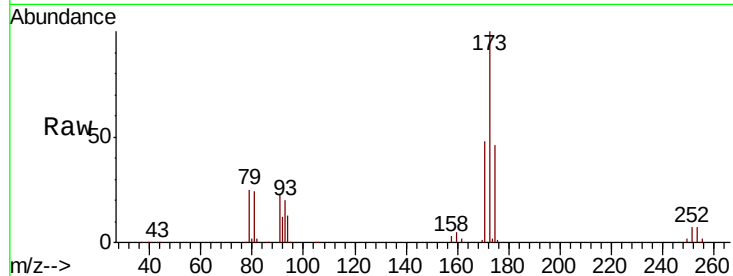
Tot Ion:173 Resp: 332733

Ion Ratio Lower Upper

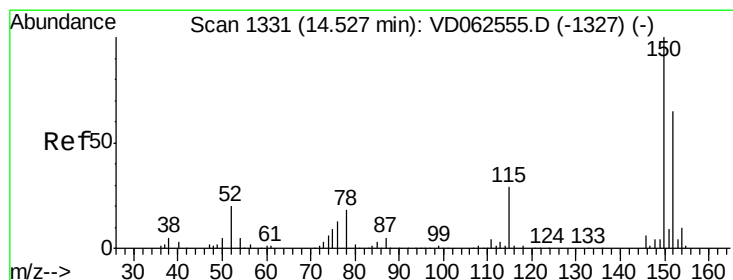
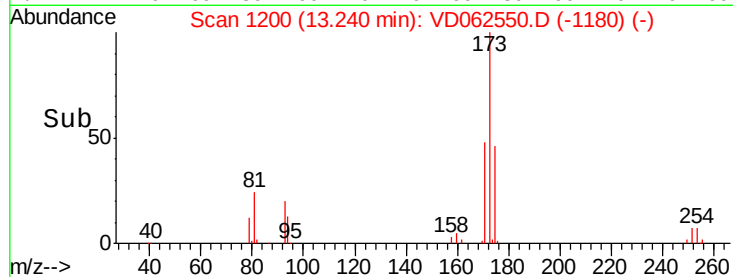
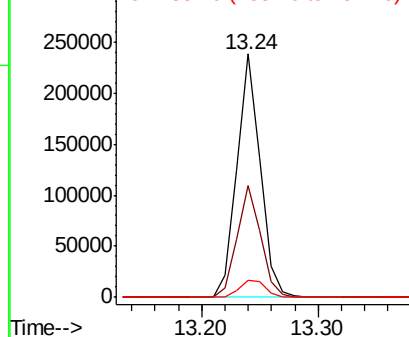
173 100

175 46.2 26.6 79.7

254 6.9 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: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

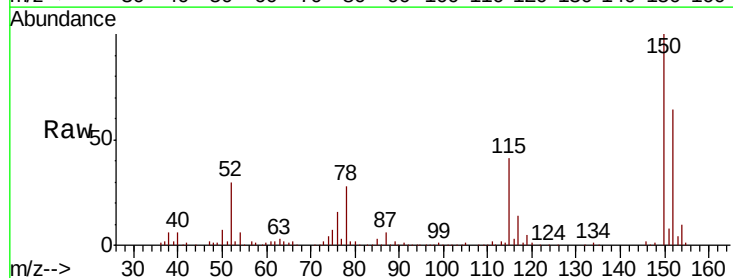
Tgt Ion:152 Resp: 526966

Ion Ratio Lower Upper

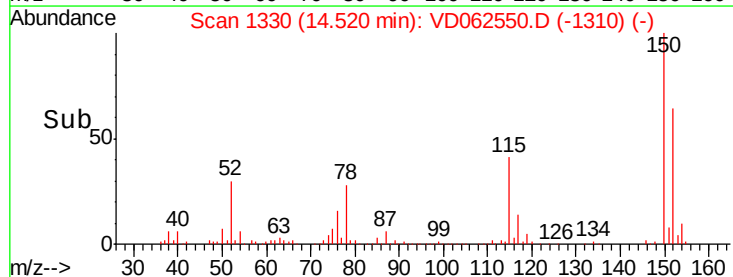
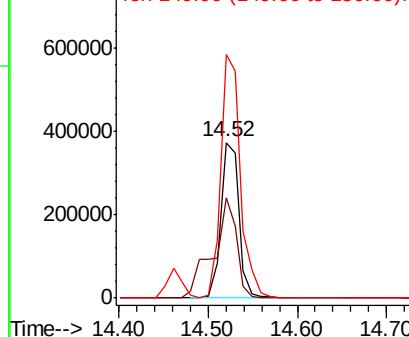
152 100

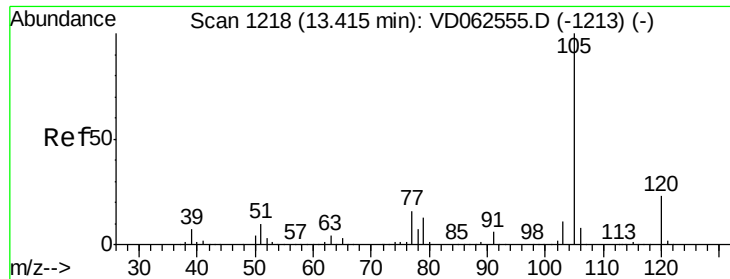
115 64.2 28.4 85.3

150 156.3 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: 50.893 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD062550.D

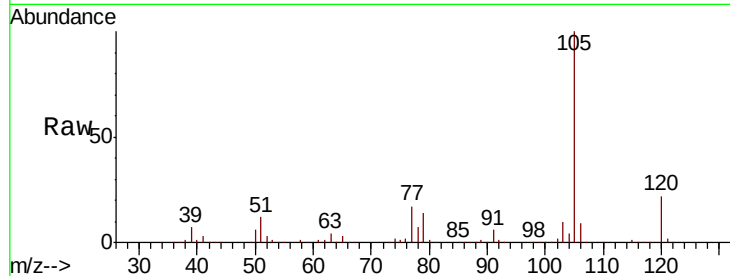
Acq: 30 May 2019 13:00

Tot Ion:105 Resp: 1783140

Ion Ratio Lower Upper

105 100

120 22.1 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

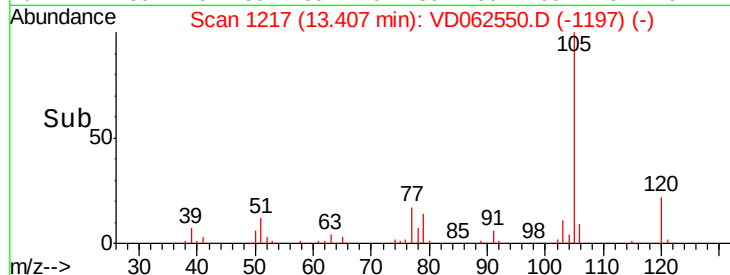
1500000

1000000

500000

0

Time-->

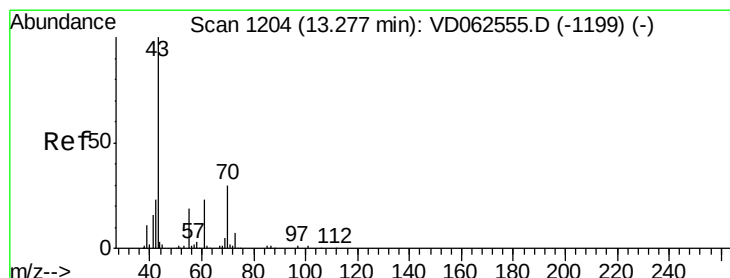


13.41

13.40

13.30

13.50



#74

N-ethyl acetate

Concen: 53.115 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

Tgt Ion: 43 Resp: 478126

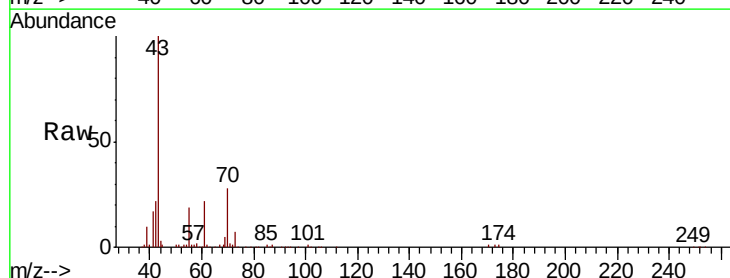
Ion Ratio Lower Upper

43 100

70 28.2 23.7 35.5

55 19.1 15.0 22.4

61 21.6 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

600000

500000

400000

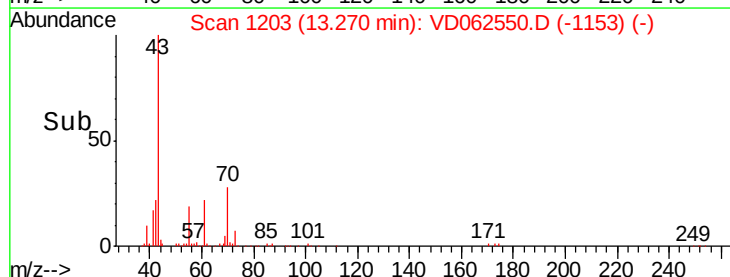
300000

200000

100000

0

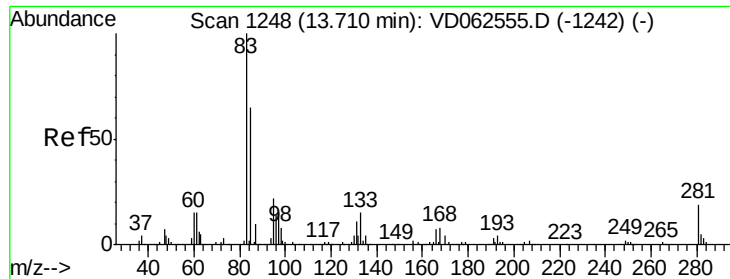
Time-->



13.27

13.20

13.30



#75

1,1,2,2-Tetrachloroethane

Concen: 52.309 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

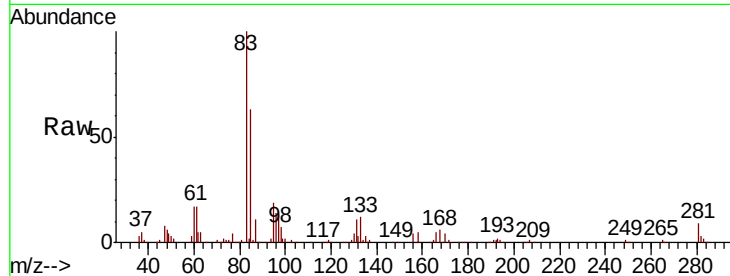
Tot Ion: 83 Resp: 300355

Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.7	17.1
85	62.8	32.6	97.8

83 100

131 10.7 5.7 17.1

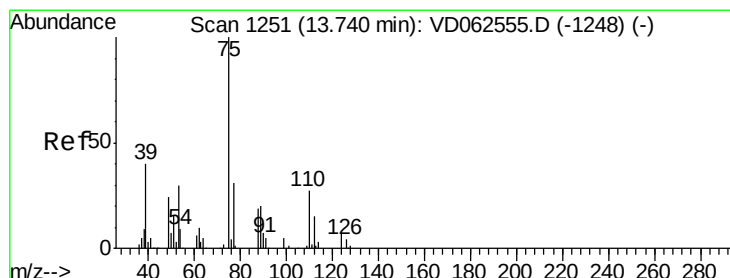
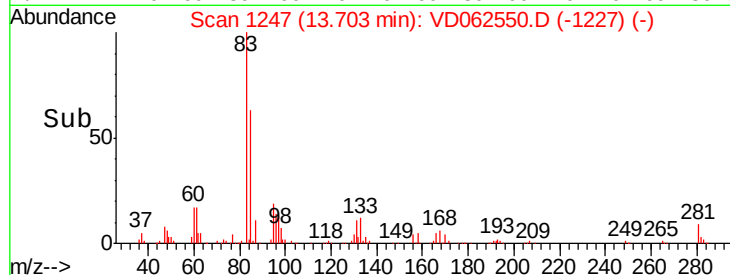
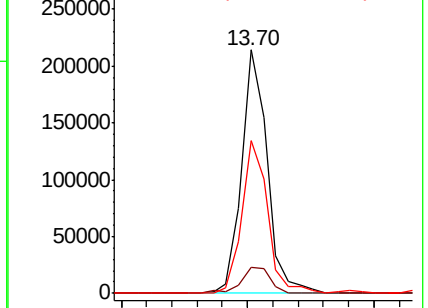
85 62.8 32.6 97.8



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: 54.815 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VD062550.D

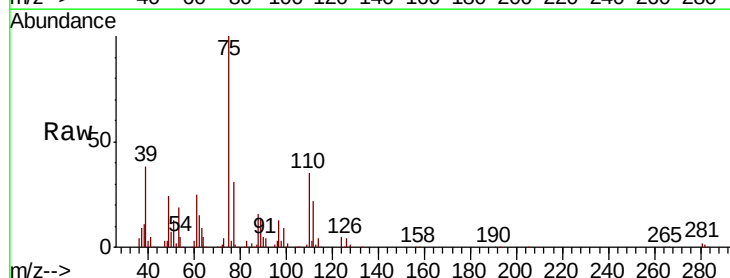
Acq: 30 May 2019 13:00

Tgt Ion: 75 Resp: 364722

Ion	Ratio	Lower	Upper
75	100		
77	31.4	16.5	49.5

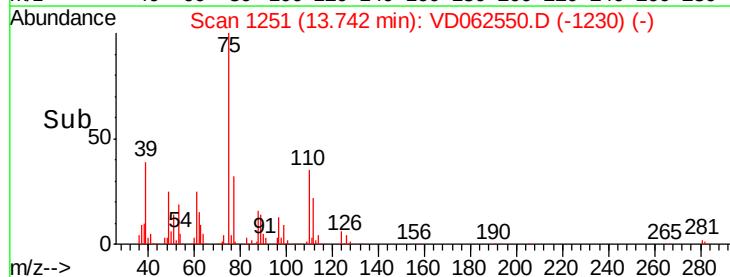
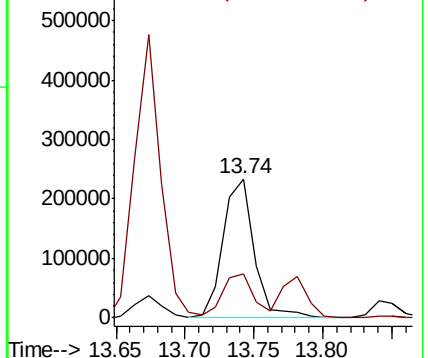
75 100

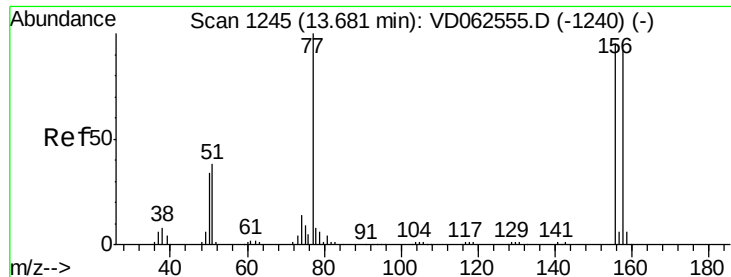
77 31.4 16.5 49.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 50.855 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

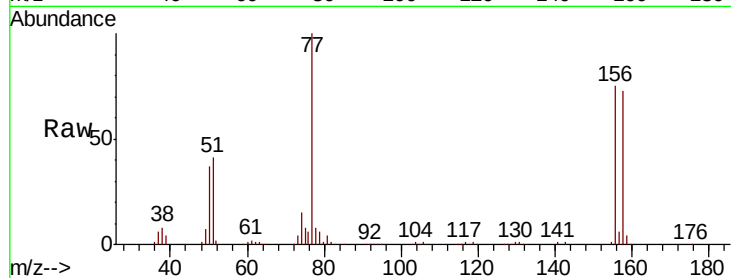
Tot Ion:156 Resp: 498784

Ion Ratio Lower Upper

156 100

77 133.8 52.9 158.7

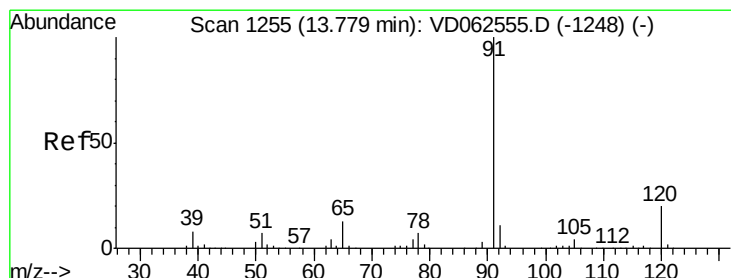
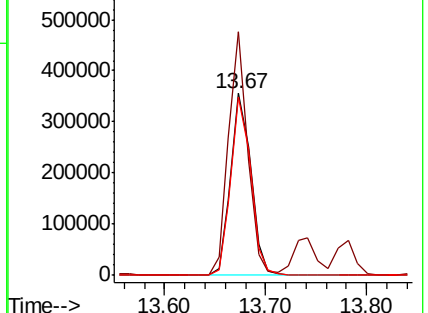
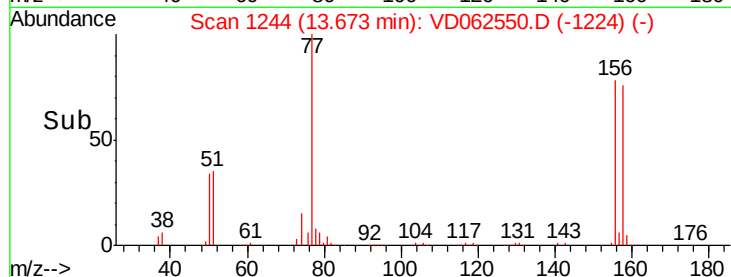
158 97.8 48.5 145.5



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: 52.309 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD062550.D

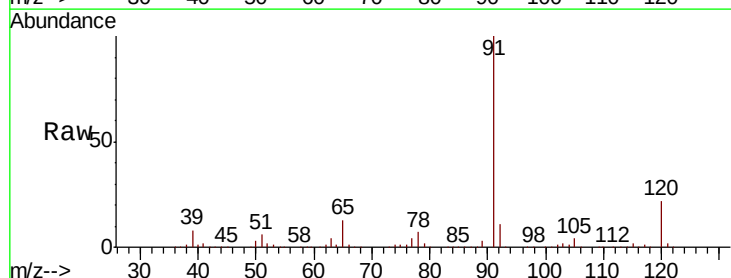
Acq: 30 May 2019 13:00

Tgt Ion: 91 Resp: 2135785

Ion Ratio Lower Upper

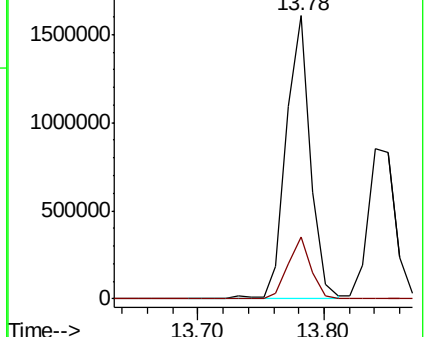
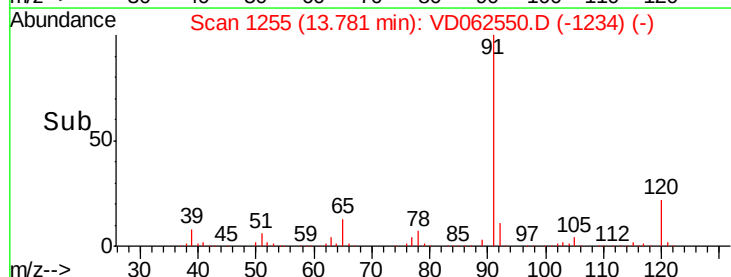
91 100

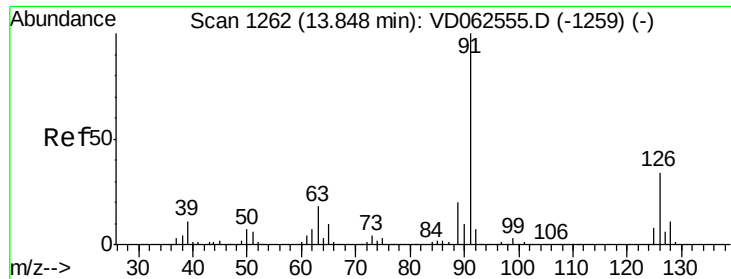
120 22.1 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

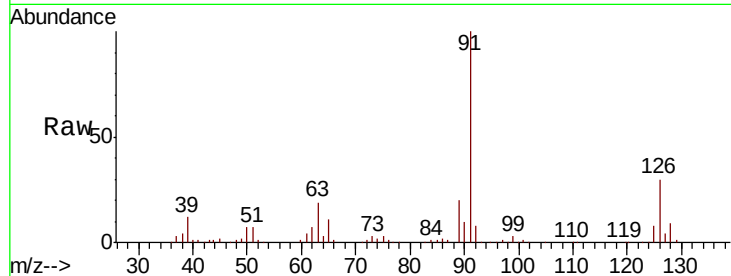
Ion 120.05 (119.75 to 120.75): V



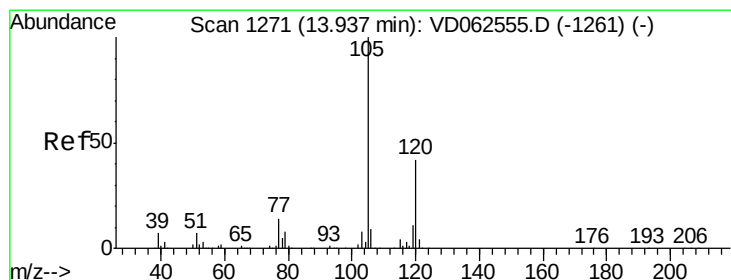
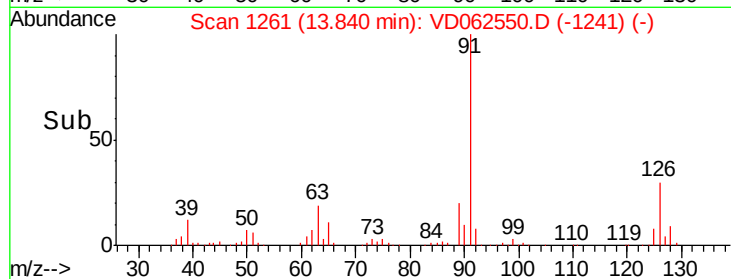
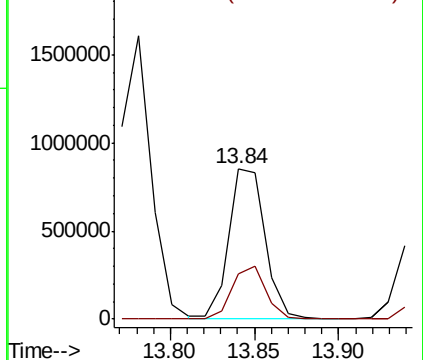


#79
 2-Chlorotoluene
 Concen: 53.156 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tot Ion: 91 Resp: 1270621
 Ion Ratio Lower Upper
 91 100
 126 30.1 16.7 50.1

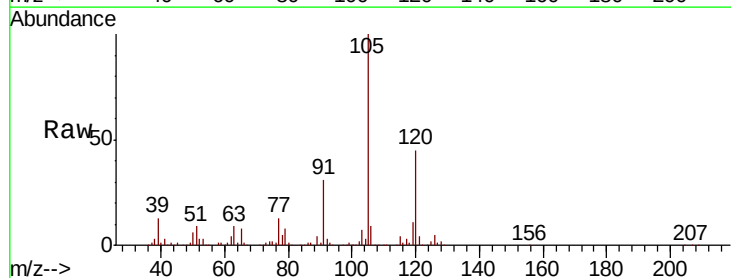


Abundance Ion 91.00 (90.70 to 91.70): VD062550.D
 Ion 125.95 (125.65 to 126.65): VD062550.D

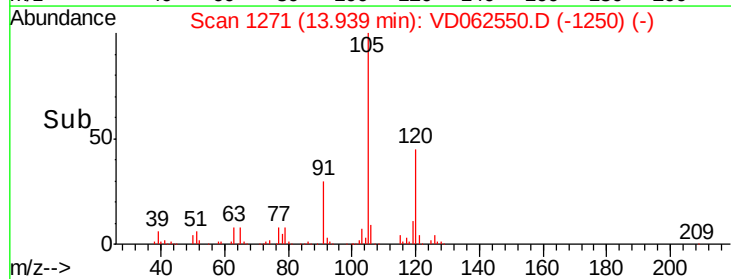
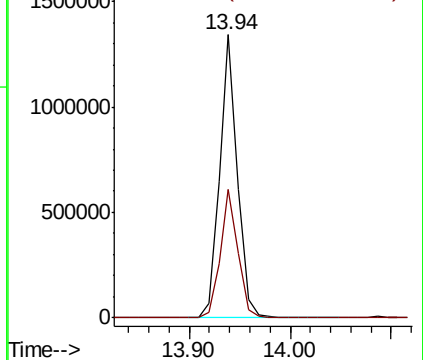


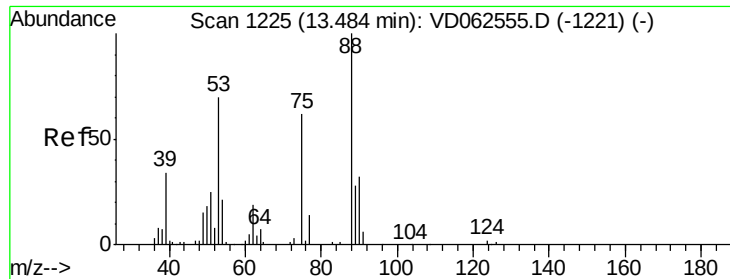
#80
 1,3,5-Trimethylbenzene
 Concen: 54.044 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion:105 Resp: 1642471
 Ion Ratio Lower Upper
 105 100
 120 45.2 20.8 62.5



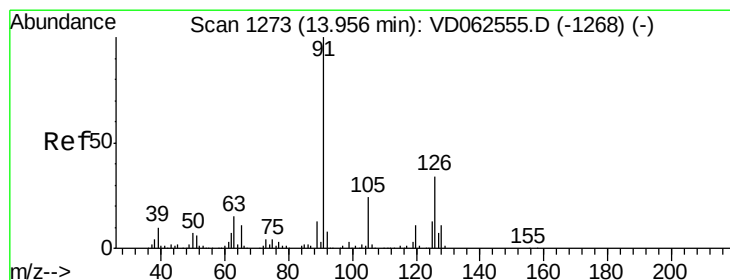
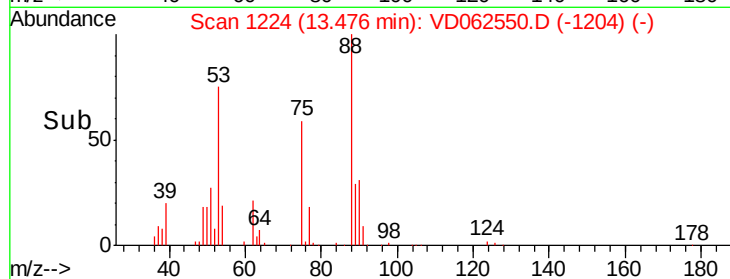
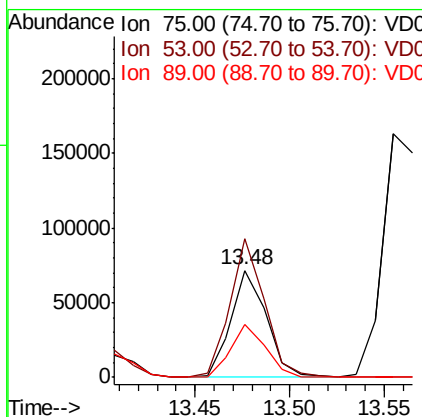
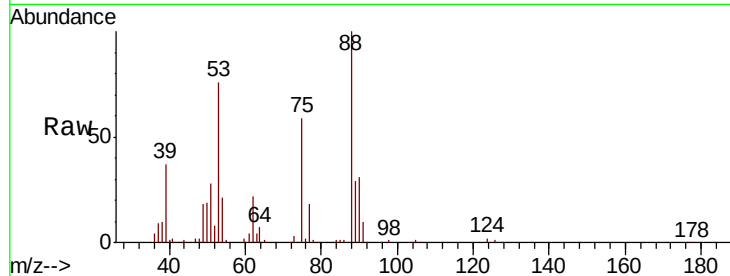
Abundance Ion 105.05 (104.75 to 105.75): VD062550.D
 Ion 120.05 (119.75 to 120.75): VD062550.D





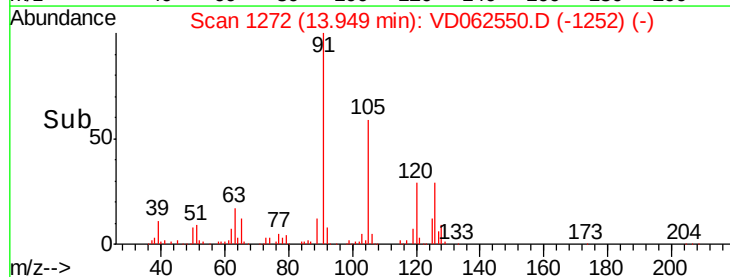
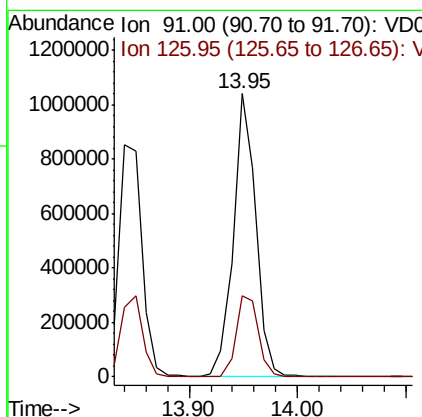
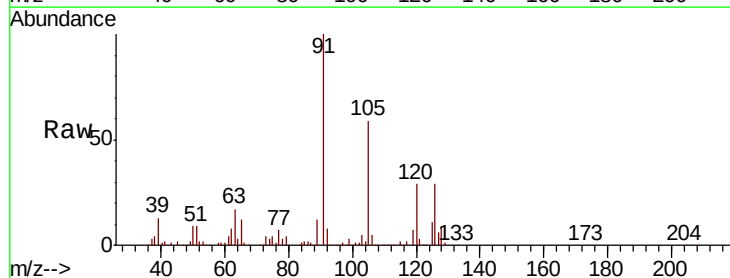
#81
trans-1,4-Dichloro-2-butene
Concen: 51.809 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

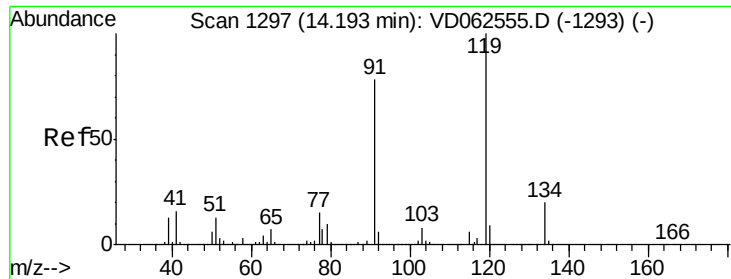
Tot Ion: 75 Resp: 93259
Ion Ratio Lower Upper
75 100
53 129.5 91.0 136.4
89 49.6 36.9 55.3



#82
4-Chlorotoluene
Concen: 52.102 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion: 91 Resp: 1497713
Ion Ratio Lower Upper
91 100
126 28.8 16.9 50.7

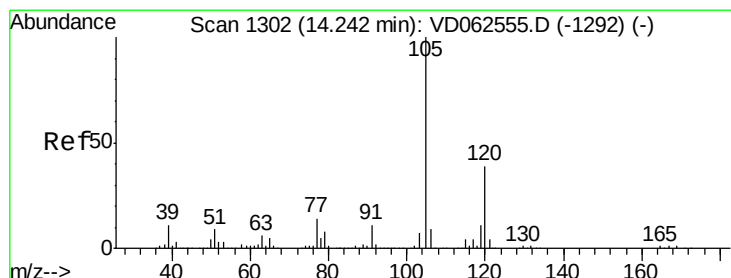
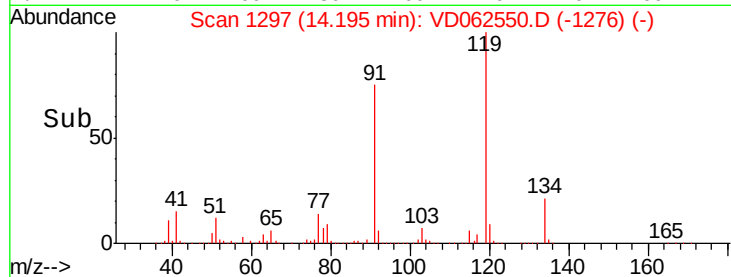
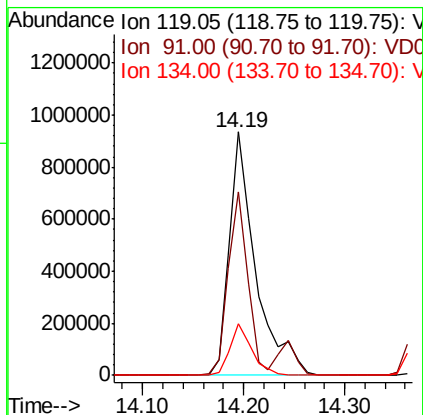
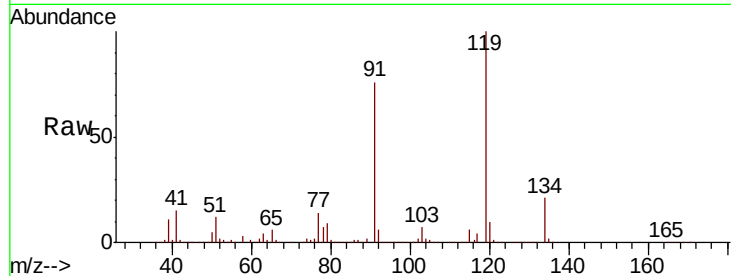




#83
 tert-Butylbenzene
 Concen: 50.441 ug/l
 RT: 14.19 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tot Ion:119 Resp: 1686435

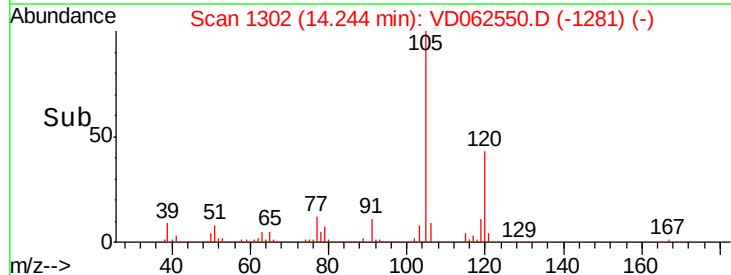
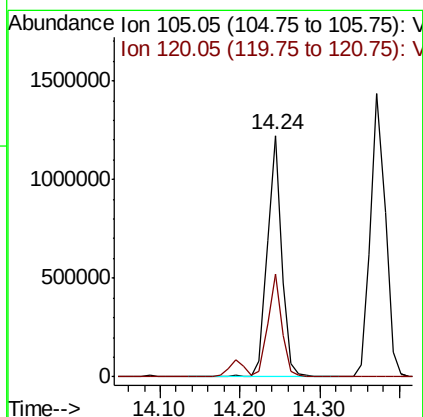
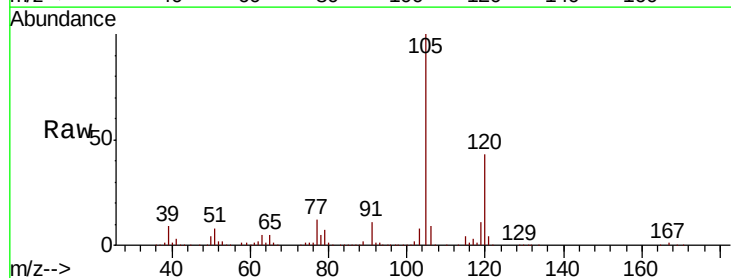
Ion	Ratio	Lower	Upper
119	100		
91	75.5	39.1	117.5
134	21.0	10.1	30.3

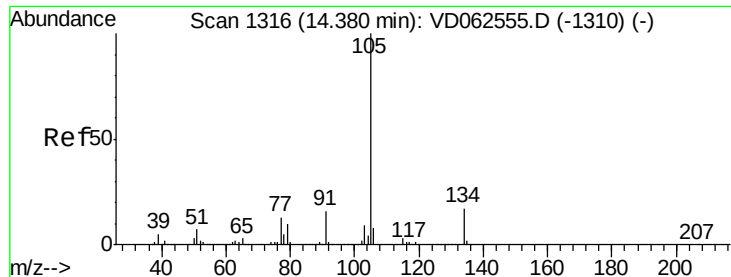


#84
 1,2,4-Trimethylbenzene
 Concen: 50.279 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion:105 Resp: 1527745

Ion	Ratio	Lower	Upper
105	100		
120	42.7	19.6	58.8





#85

sec-Butylbenzene

Concen: 51.173 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD062550.D

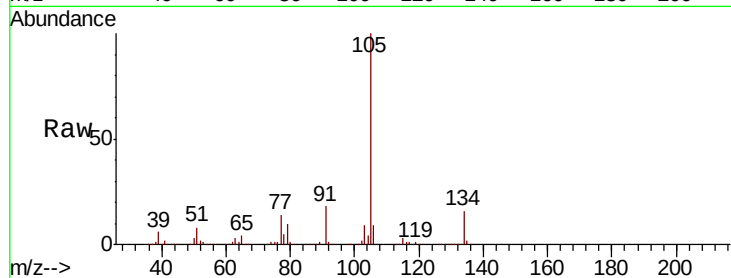
Acq: 30 May 2019 13:00

Tot Ion:105 Resp: 1824622

Ion Ratio Lower Upper

105 100

134 16.5 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.37

1500000

1000000

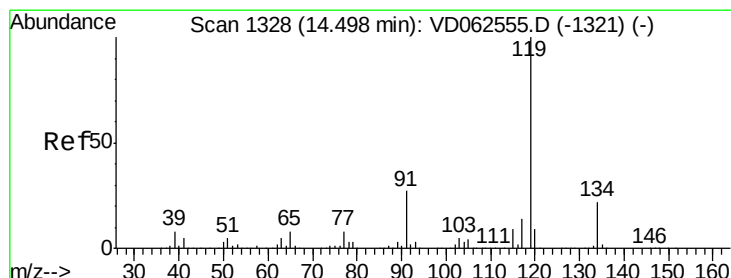
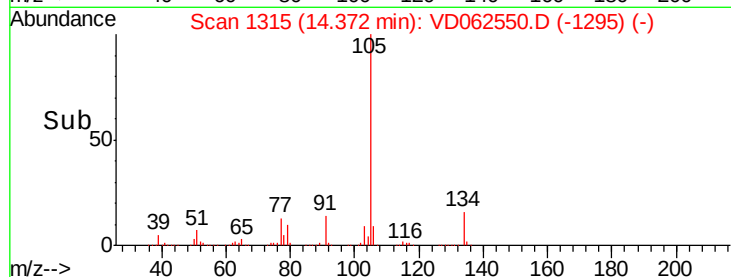
500000

0

Time-->

14.30

14.40



#86

p-Isopropyltoluene

Concen: 49.160 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.00 min

Lab File: VD062550.D

Acq: 30 May 2019 13:00

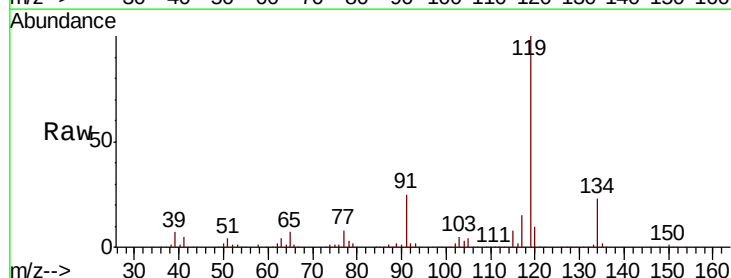
Tgt Ion:119 Resp: 1648602

Ion Ratio Lower Upper

119 100

134 23.0 11.2 33.6

91 24.8 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

14.50

1500000

1000000

500000

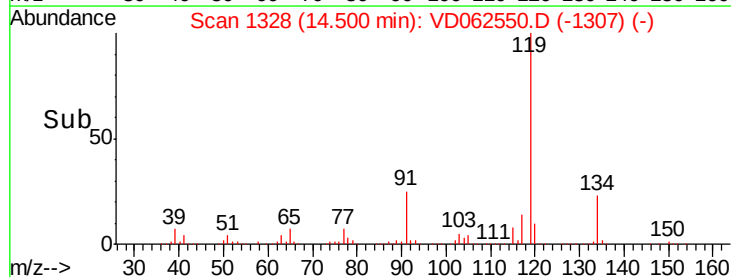
0

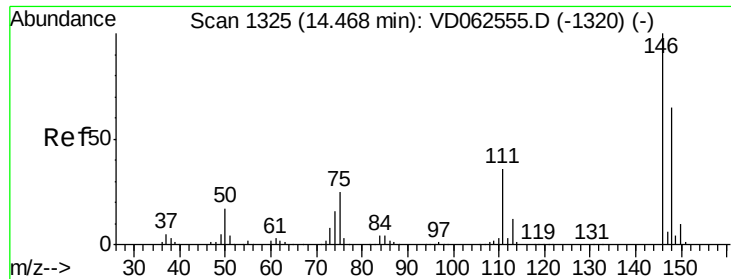
Time-->

14.40

14.50

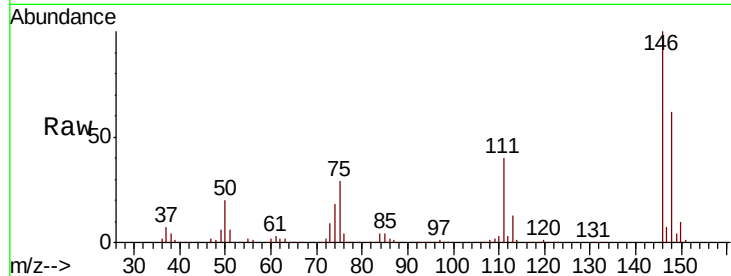
14.60



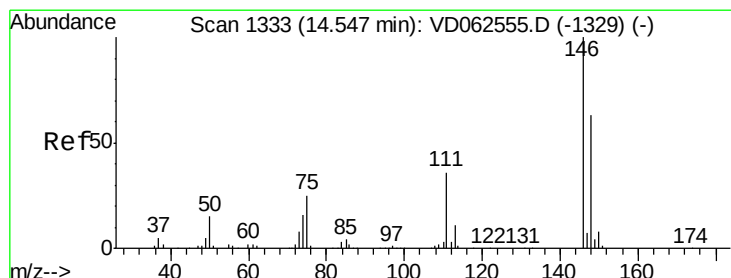
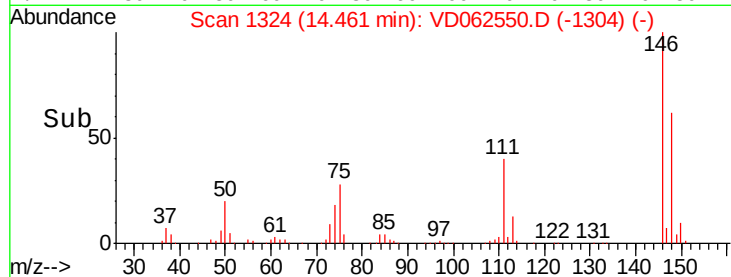
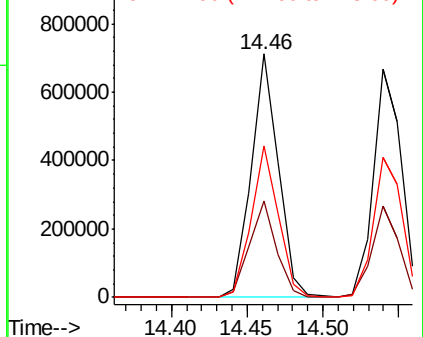


#87
 1,3-Dichlorobenzene
 Concen: 51.875 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tot Ion:146 Resp: 888162
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.1 54.4
 148 62.0 32.3 96.9

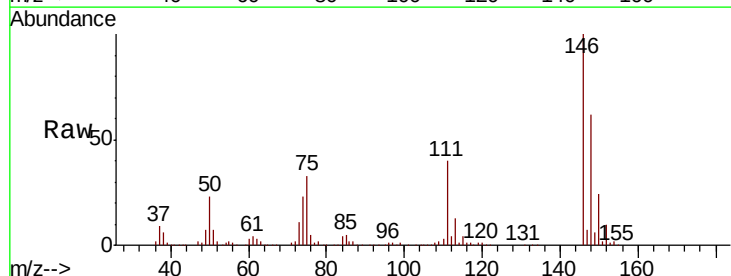


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

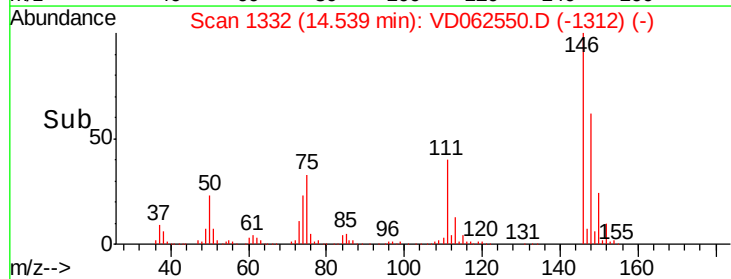
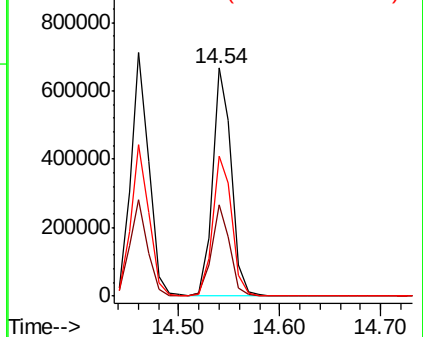


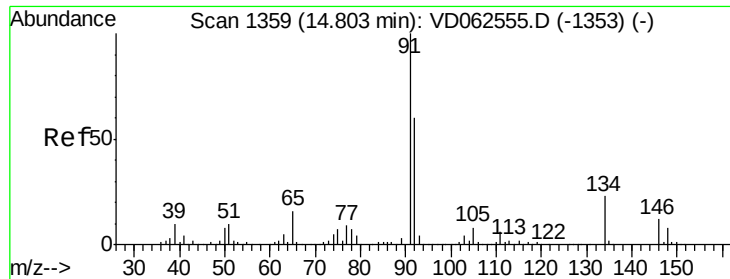
#88
 1,4-Dichlorobenzene
 Concen: 51.844 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion:146 Resp: 870520
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.2 54.6
 148 61.5 31.6 94.8



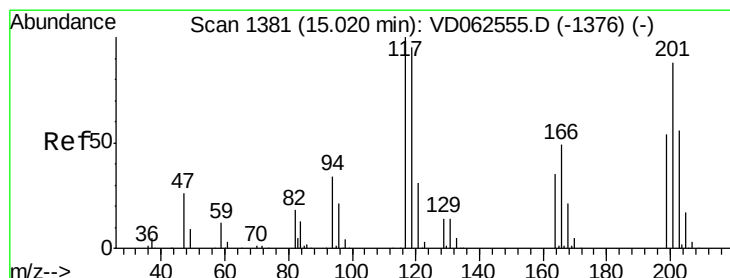
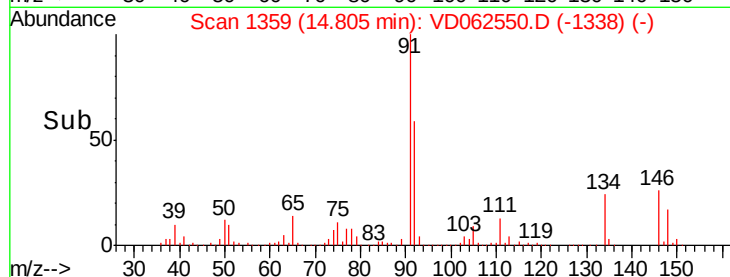
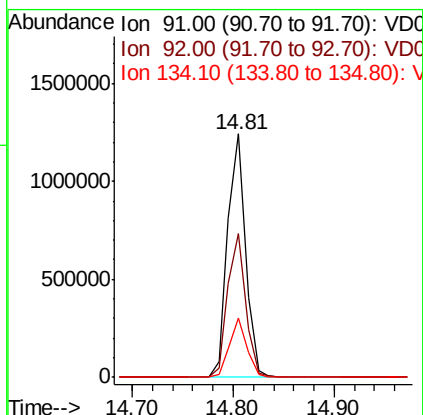
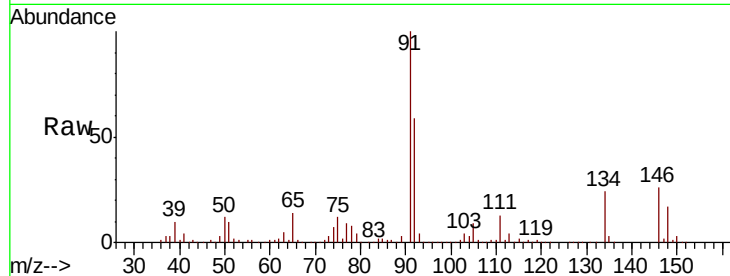
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





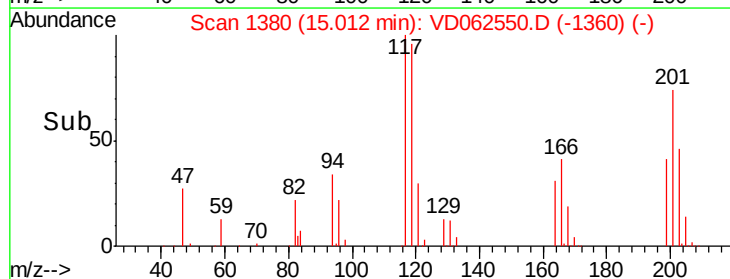
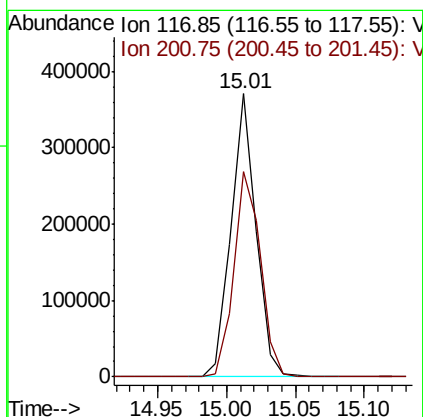
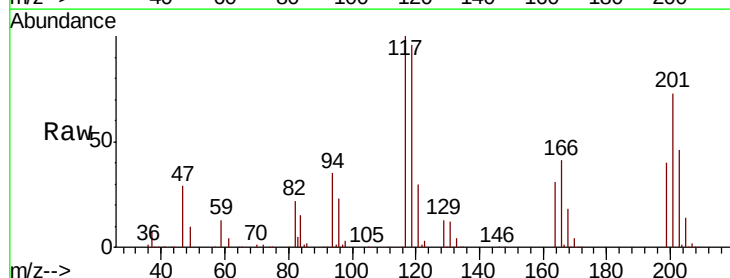
#89
n-Butylbenzene
Concen: 50.629 ug/l
RT: 14.81 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

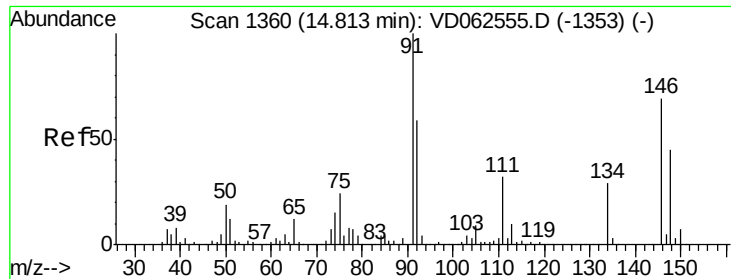
Tot Ion: 91 Resp: 1544931
Ion Ratio Lower Upper
91 100
92 59.2 29.8 89.4
134 24.2 11.3 33.8



#90
Hexachloroethane
Concen: 51.918 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

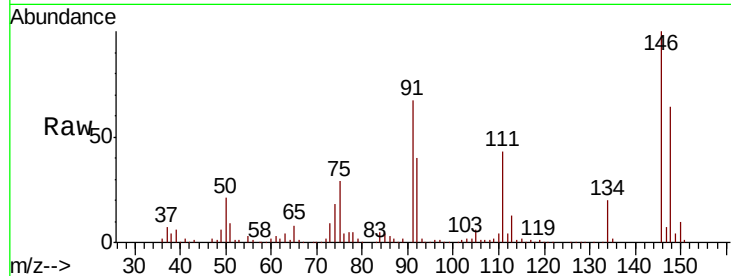
Tgt Ion: 117 Resp: 465302
Ion Ratio Lower Upper
117 100
201 72.5 43.8 131.4



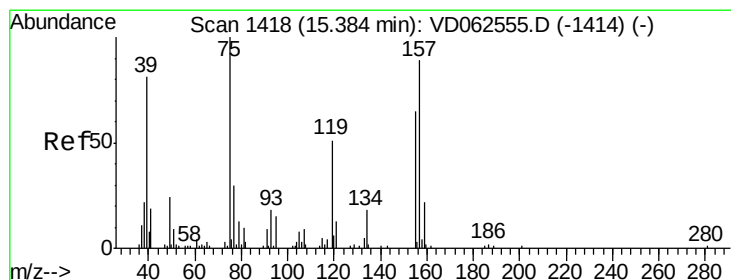
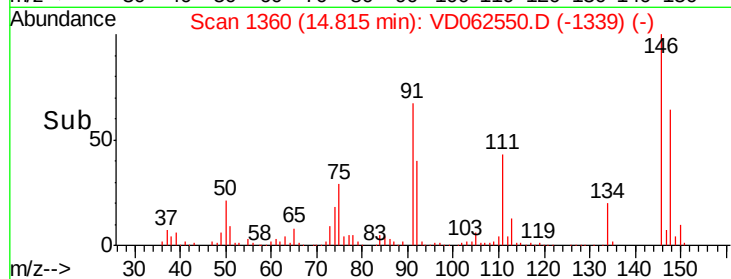
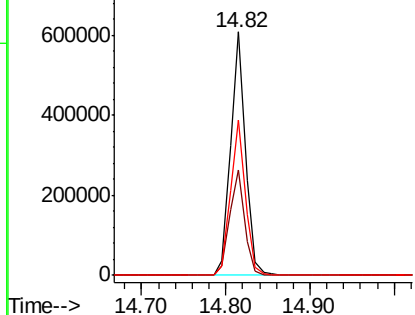


#91
 1,2-Dichlorobenzene
 Concen: 50.923 ug/l
 RT: 14.82 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tot Ion:146 Resp: 742740
 Ion Ratio Lower Upper
 146 100
 111 43.2 22.8 68.4
 148 63.7 32.3 96.9

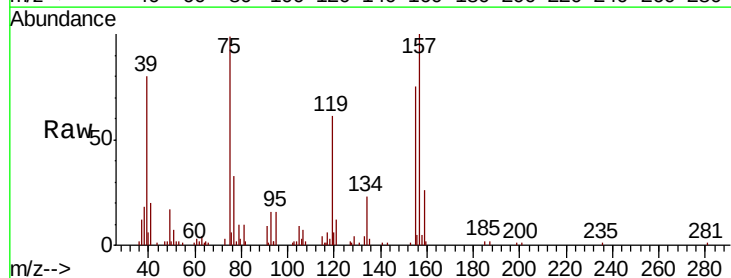


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

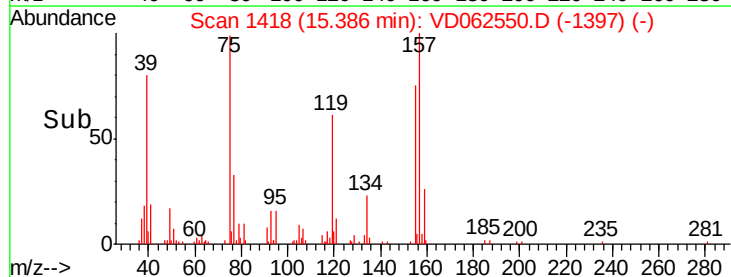
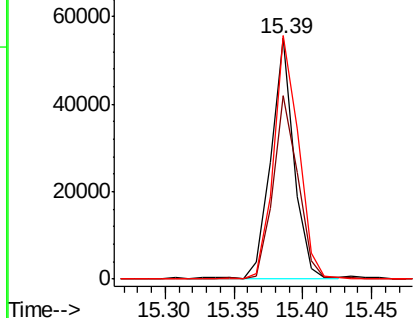


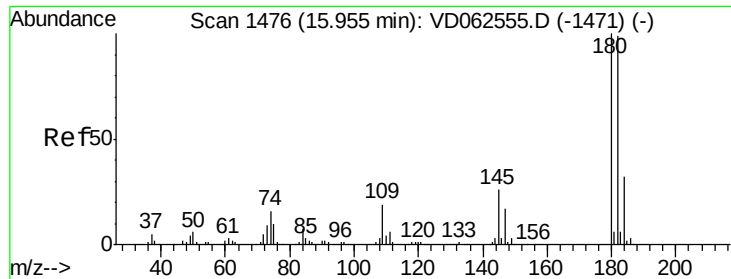
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.241 ug/l
 RT: 15.39 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion: 75 Resp: 64359
 Ion Ratio Lower Upper
 75 100
 155 76.2 32.6 97.8
 157 101.2 44.5 133.7



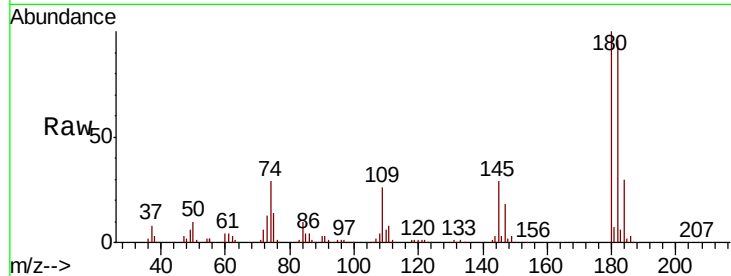
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



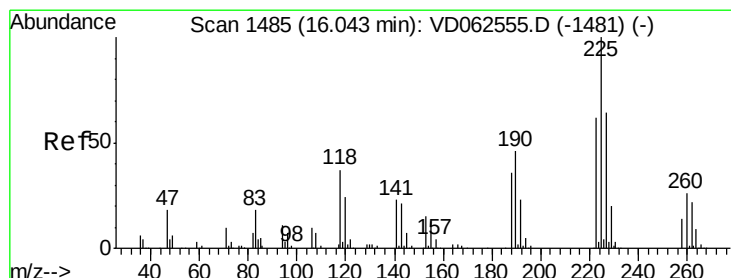
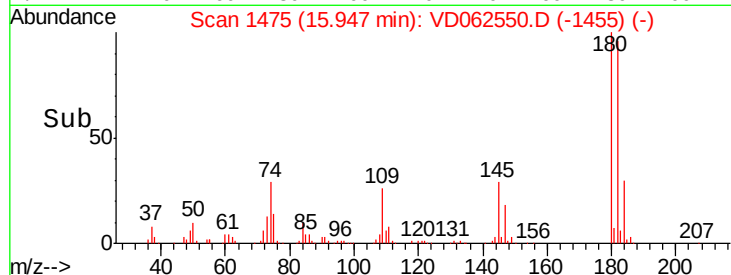
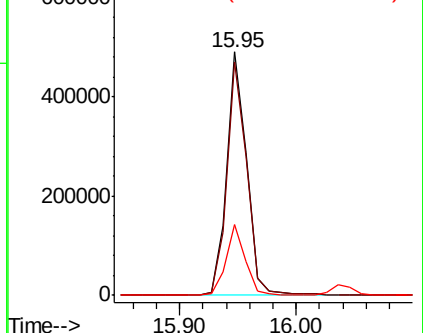


#93
 1,2,4-Trichlorobenzene
 Concen: 51.630 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	49.5	148.3
145	29.1	13.1	39.3

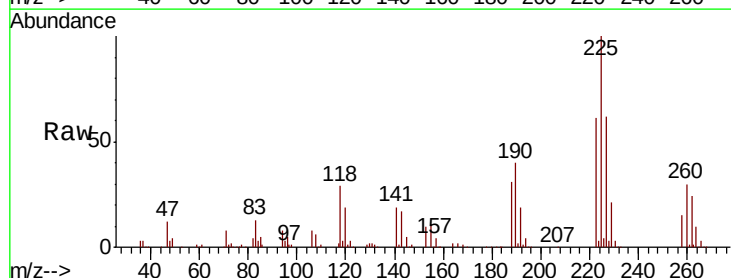


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

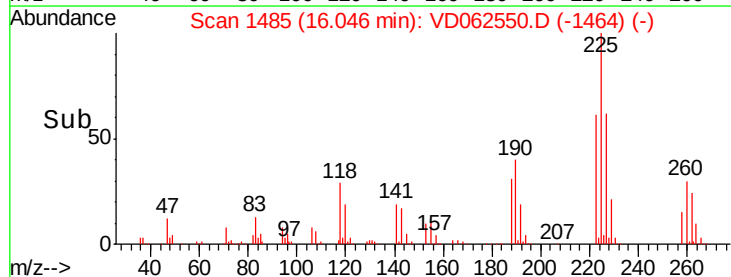
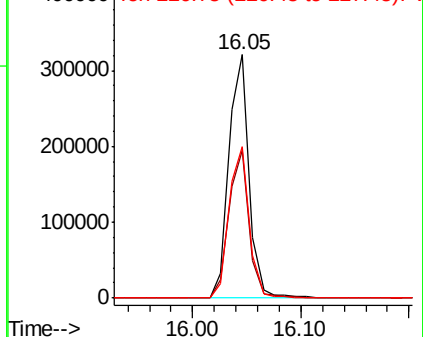


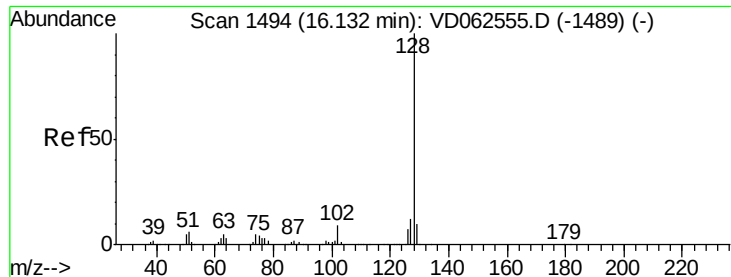
#94
 Hexachlorobutadiene
 Concen: 50.652 ug/l
 RT: 16.05 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD062550.D
 Acq: 30 May 2019 13:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.5	31.1	93.5
227	62.2	32.1	96.5



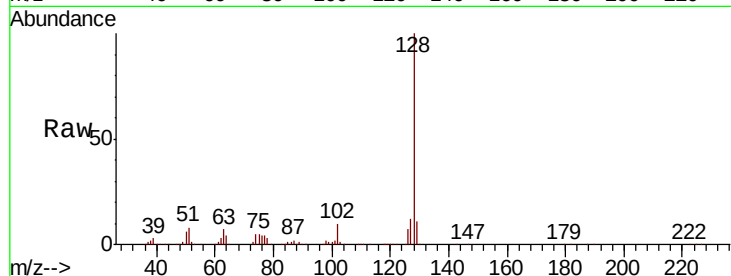
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V



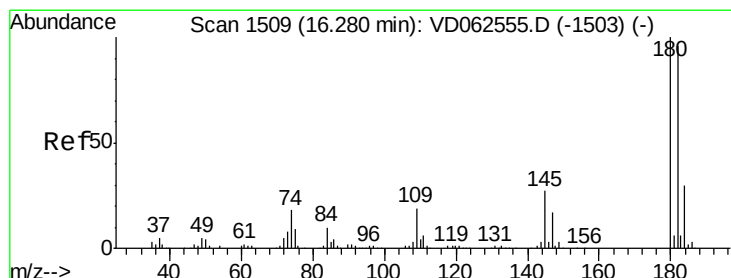
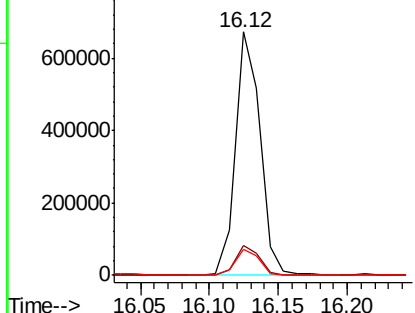
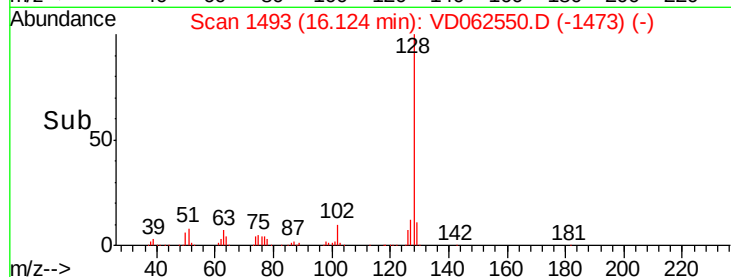


#95
Naphthalene
Concen: 52.885 ug/l
RT: 16.12 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tot Ion:128 Resp: 840869
Ion Ratio Lower Upper
128 100
127 12.2 9.7 14.5
129 10.9 8.2 12.2

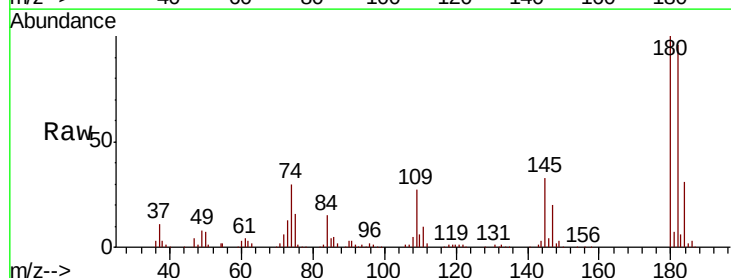


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 56.475 ug/l
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: VD062550.D
Acq: 30 May 2019 13:00

Tgt Ion:180 Resp: 479616
Ion Ratio Lower Upper
180 100
182 95.6 48.1 144.3
145 32.6 13.3 39.9



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

