

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062551.D
 Acq On : 30 May 2019 13:27
 Operator : VA/AP
 Sample : VSTDIC075
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 31 01:14:09 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	7.05	168	921021	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1185381	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1039065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	581079	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	708604	65.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	131.10%	
35) Dibromofluoromethane	6.93	113	773065	70.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.14%	
50) Toluene-d8	10.41	98	1683748	70.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.86%	
62) 4-Bromofluorobenzene	13.56	95	776153	72.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.84%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.56	85	635732	57.932	ug/l	92
3) Chloromethane	1.73	50	679677	54.312	ug/l	98
4) Vinyl Chloride	1.84	62	566312	67.145	ug/l	100
5) Bromomethane	2.15	94	166430	64.301	ug/l	98
6) Chloroethane	2.26	64	279121	69.399	ug/l	97
7) Trichlorofluoromethane	2.53	101	1187797	67.413	ug/l	98
8) Diethyl Ether	2.86	74	154044	68.043	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.14	101	670003	64.281	ug/l	97
10) Methyl Iodide	3.30	142	871533	76.571	ug/l	98
11) Tert butyl alcohol	4.08	59	164628	331.283	ug/l #	87
12) 1,1-Dichloroethene	3.12	96	464292	62.675	ug/l	93
13) Acrolein	3.03	56	62307	289.667	ug/l	96
14) Allyl chloride	3.61	41	788933	68.025	ug/l	100
15) Acrylonitrile	4.19	53	397951	355.518	ug/l	98
16) Acetone	3.22	43	712414	319.550	ug/l	99
17) Carbon Disulfide	3.37	76	1612900	68.517	ug/l	97
18) Methyl Acetate	3.64	43	214077	59.030	ug/l	96
19) Methyl tert-butyl Ether	4.24	73	1254442	69.521	ug/l	97
20) Methylene Chloride	3.81	84	514342	65.827	ug/l	95
21) trans-1,2-Dichloroethene	4.21	96	573248	68.255	ug/l	97
22) Diisopropyl ether	5.12	45	1637558	70.140	ug/l	96
23) Vinyl Acetate	5.06	43	4884896	343.797	ug/l	96
24) 1,1-Dichloroethane	4.98	63	1018469	66.775	ug/l	97
25) 2-Butanone	6.08	43	689167	336.370	ug/l	98
26) 2,2-Dichloropropane	6.02	77	1110091	67.033	ug/l	96
27) cis-1,2-Dichloroethene	6.04	96	579353	66.968	ug/l	96
28) Bromochloromethane	6.44	49	345606	68.320	ug/l	96
29) Tetrahydrofuran	6.47	42	305056	323.855	ug/l	98
30) Chloroform	6.66	83	1235161	67.300	ug/l	94
31) Cyclohexane	6.96	56	688345	68.122	ug/l	91
32) 1,1,1-Trichloroethane	6.87	97	1276039	68.086	ug/l	98
36) 1,1-Dichloropropene	7.16	75	854213	71.055	ug/l	96
37) Ethyl Acetate	6.19	43	331148	61.686	ug/l	97
38) Carbon Tetrachloride	7.12	117	1399099	77.052	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	751579	74.626	ug/l	98
40) Benzene	7.46	78	1697302	71.873	ug/l	99
41) Methacrylonitrile	6.45	41	418731	69.586	ug/l #	93
42) 1,2-Dichloroethane	7.58	62	932873	70.757	ug/l	98
43) Isopropyl Acetate	9.24	43	469962	73.834	ug/l #	98
44) Trichloroethene	8.54	130	672828	71.180	ug/l	99
45) 1,2-Dichloropropane	8.95	63	411300	70.904	ug/l	98
46) Dibromomethane	9.07	93	357154	73.815	ug/l	97
47) Bromodichloromethane	9.38	83	1009115	75.081	ug/l	97
48) Methyl methacrylate	9.13	41	327079	74.784	ug/l	98
49) 1,4-Dioxane	9.09	88	56714	1597.349	ug/l #	84
51) 4-Methyl-2-Pentanone	10.31	43	1529531	339.677	ug/l	99
52) Toluene	10.51	92	1182162	73.581	ug/l	99
53) t-1,3-Dichloropropene	10.92	75	828036	72.066	ug/l	96
54) cis-1,3-Dichloropropene	10.05	75	864160	72.759	ug/l	95
55) 1,1,2-Trichloroethane	11.20	97	388991	72.812	ug/l	93
56) Ethyl methacrylate	11.04	69	391415	69.271	ug/l	94
57) 1,3-Dichloropropane	11.42	76	609613	75.339	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.86	63	863830	294.956	ug/l	99
59) 2-Hexanone	11.54	43	1182621	375.899	ug/l	97
60) Dibromochloromethane	11.69	129	747141	72.090	ug/l	100
61) 1,2-Dibromoethane	11.81	107	475903	75.280	ug/l	98
64) Tetrachloroethene	11.26	164	636677	67.704	ug/l	96
65) Chlorobenzene	12.40	112	1364703	64.952	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	654997	66.706	ug/l	98
67) Ethyl Benzene	12.53	91	2475234	65.382	ug/l	97
68) m/p-Xylenes	12.67	106	1798316	139.872	ug/l	98
69) o-Xylene	13.05	106	822399	66.011	ug/l	96
70) Styrene	13.08	104	1332594	63.271	ug/l	99
71) Bromoform	13.24	173	461639	67.529	ug/l #	92
73) Isopropylbenzene	13.41	105	2513108	65.048	ug/l	99
74) N-amyl acetate	13.27	43	667444	67.241	ug/l	97
75) 1,1,2,2-Tetrachloroethane	13.70	83	401268	63.376	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	495912	67.591	ug/l	99
77) Bromobenzene	13.67	156	687627	63.580	ug/l	84
78) n-propylbenzene	13.78	91	2978306	66.151	ug/l	96
79) 2-Chlorotoluene	13.85	91	1718629	65.203	ug/l	96
80) 1,3,5-Trimethylbenzene	13.94	105	2191196	65.385	ug/l	96
81) trans-1,4-Dichloro-2-buten	13.48	75	137106	69.075	ug/l	86
82) 4-Chlorotoluene	13.95	91	2082039	65.685	ug/l	91
83) tert-Butylbenzene	14.20	119	2494638	67.665	ug/l	97
84) 1,2,4-Trimethylbenzene	14.24	105	2329139	69.515	ug/l	96
85) sec-Butylbenzene	14.37	105	2597006	66.052	ug/l	100
86) p-Isopropyltoluene	14.50	119	2424079	65.552	ug/l	96
87) 1,3-Dichlorobenzene	14.46	146	1087386	57.597	ug/l	97
88) 1,4-Dichlorobenzene	14.54	146	1247555	67.380	ug/l	95
89) n-Butylbenzene	14.81	91	2246603	66.767	ug/l	97
90) Hexachloroethane	15.01	117	637999	64.558	ug/l	83
91) 1,2-Dichlorobenzene	14.82	146	1062419	66.057	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.39	75	85736	66.737	ug/l	71

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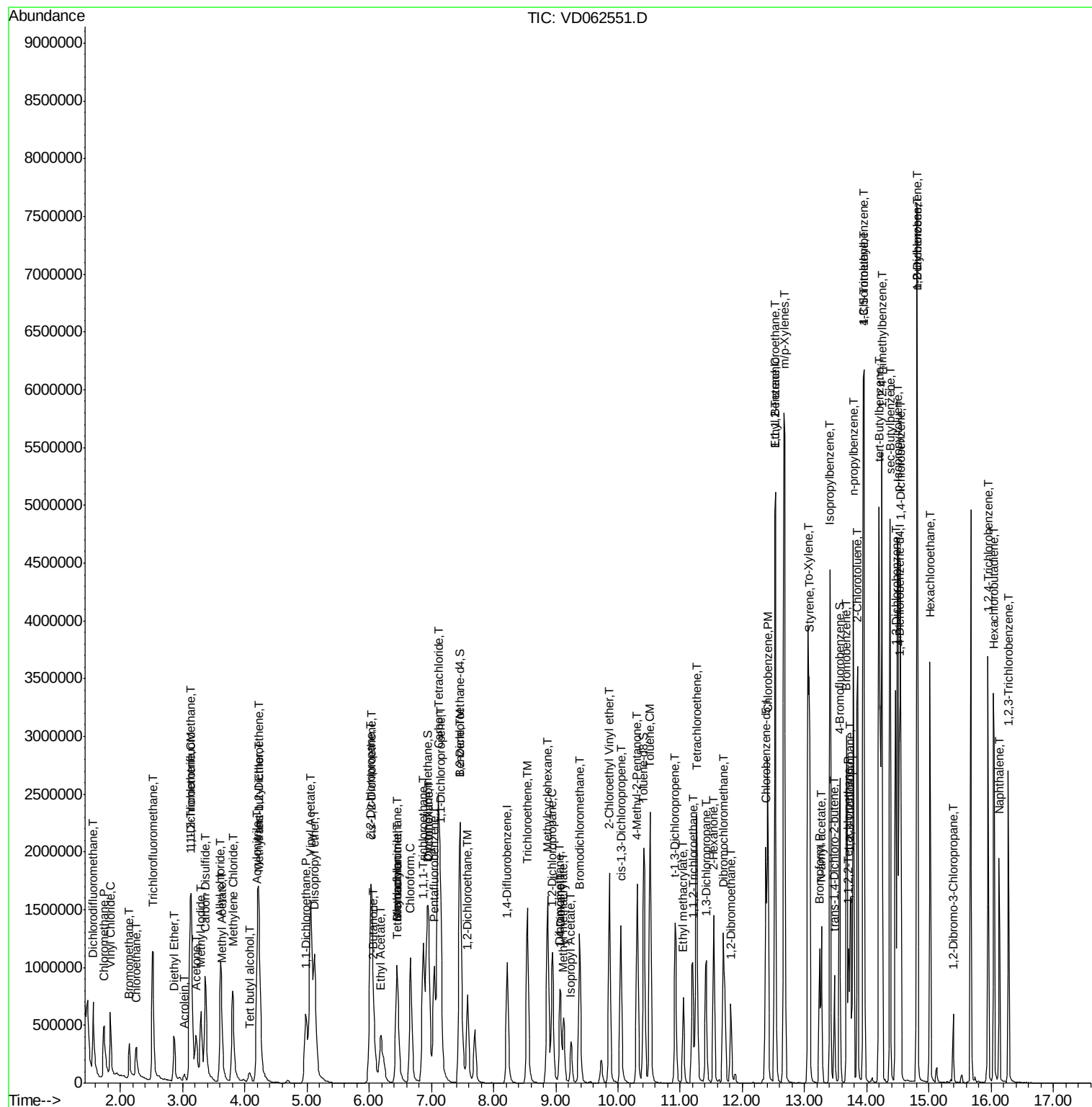
Quant Time: May 31 01:14:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
Quant Title : SW846 8260
QLast Update : Fri May 31 01:07:20 2019
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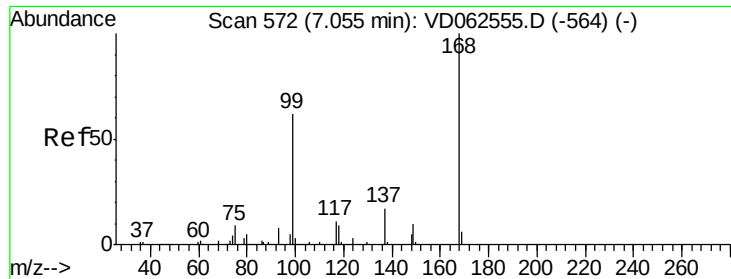
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	849578	68.405	ug/l	96
94) Hexachlorobutadiene	16.05	225	597977	65.639	ug/l	99
95) Naphthalene	16.12	128	1158641	66.085	ug/l	98
96) 1,2,3-Trichlorobenzene	16.27	180	643696	68.737	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD053019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062551.D

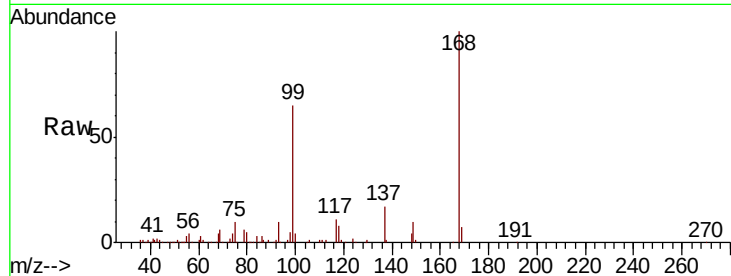
Acq: 30 May 2019 13:27

Tot Ion:168 Resp: 921021

Ion Ratio Lower Upper

168 100

99 64.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

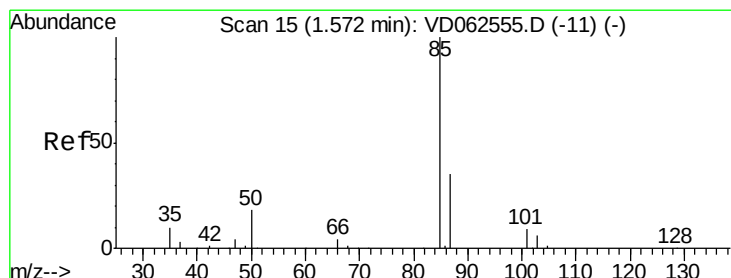
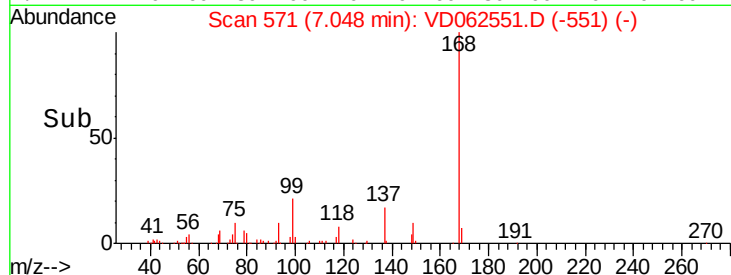
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 57.932 ug/l

RT: 1.56 min Scan# 14

Delta R.T. -0.01 min

Lab File: VD062551.D

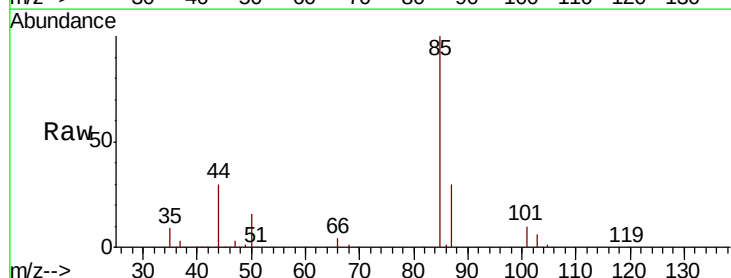
Acq: 30 May 2019 13:27

Tgt Ion: 85 Resp: 635732

Ion Ratio Lower Upper

85 100

87 30.5 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.56

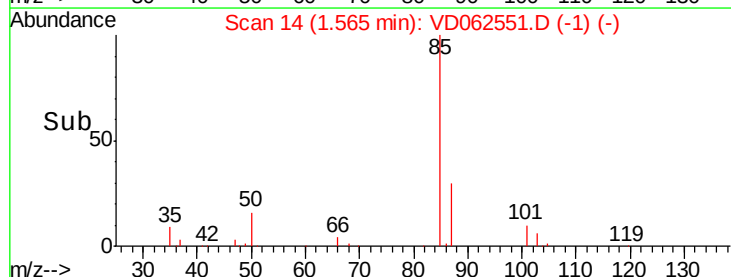
300000

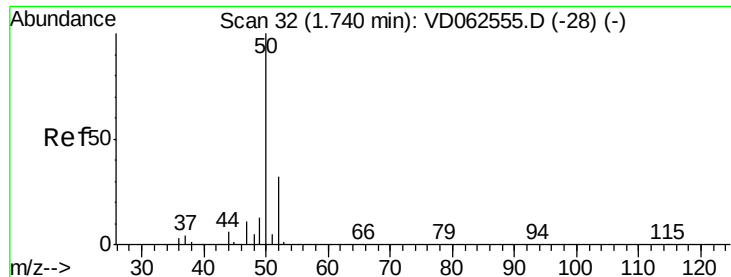
200000

100000

0

Time-->





#3

Chloromethane

Concen: 54.312 ug/l

RT: 1.73 min Scan# 31

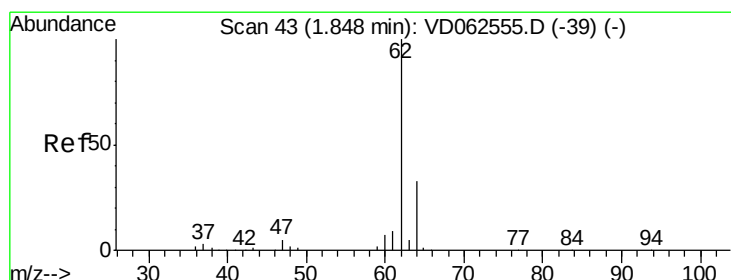
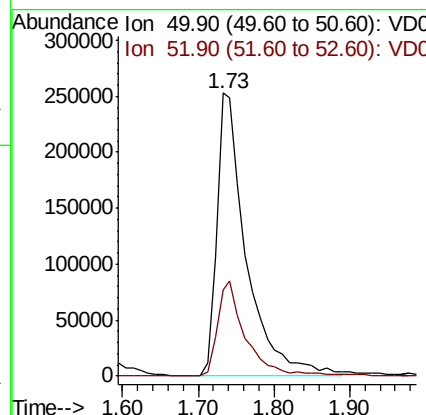
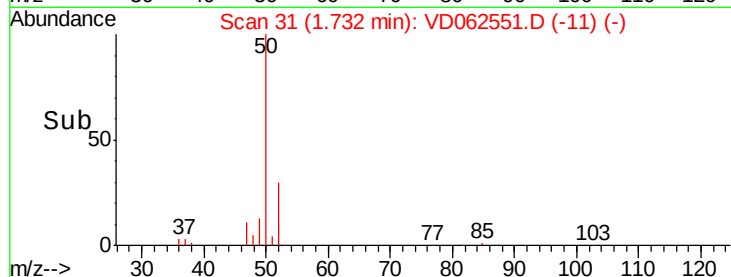
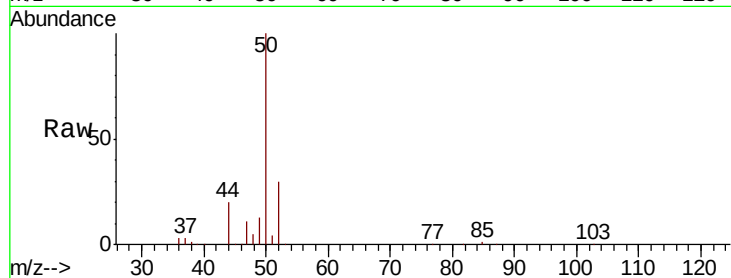
Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tot Ion: 50 Resp: 679677

Ion	Ratio	Lower	Upper
50	100		
52	30.4	25.4	38.2



#4

Vinyl Chloride

Concen: 67.145 ug/l

RT: 1.84 min Scan# 42

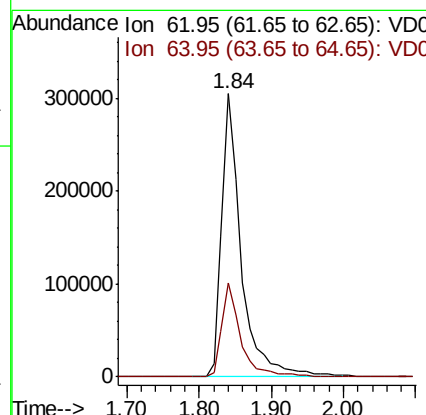
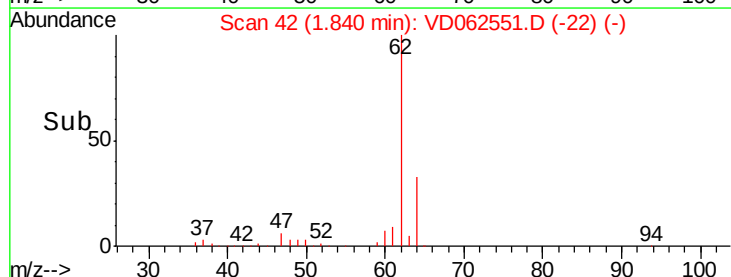
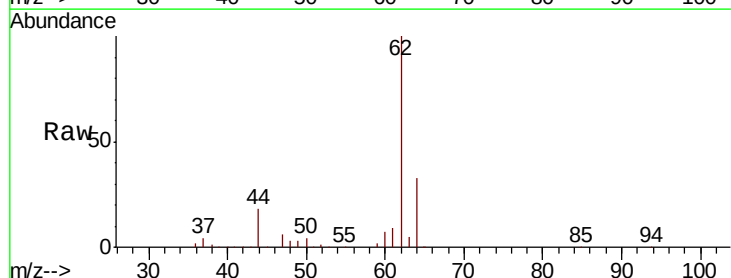
Delta R.T. -0.01 min

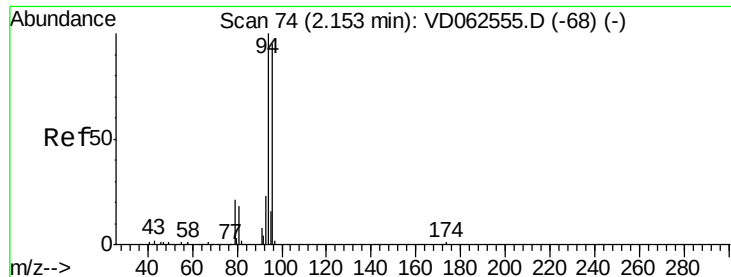
Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tgt Ion: 62 Resp: 566312

Ion	Ratio	Lower	Upper
62	100		
64	33.0	26.5	39.7





#5

Bromomethane

Concen: 64.301 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

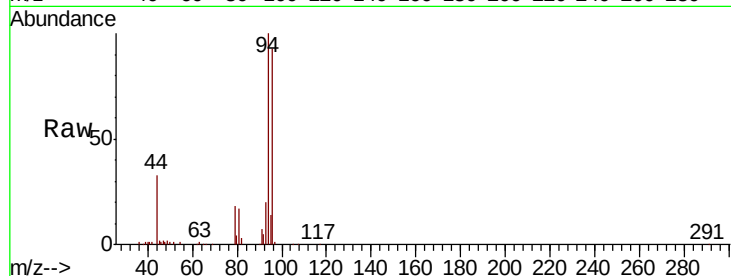
Tot Ion: 94 Resp: 166430

Ion Ratio Lower Upper

94 100

96 93.7 76.2 114.4

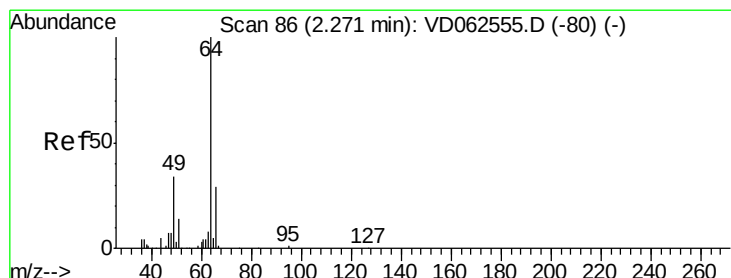
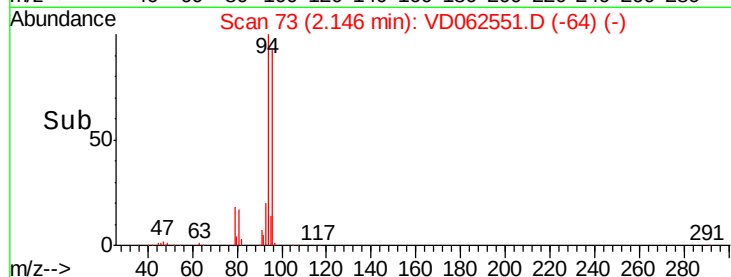
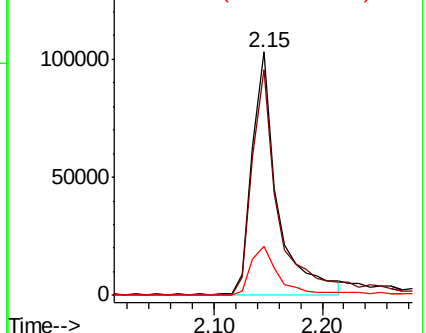
93 20.1 18.4 27.6



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: 69.399 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VD062551.D

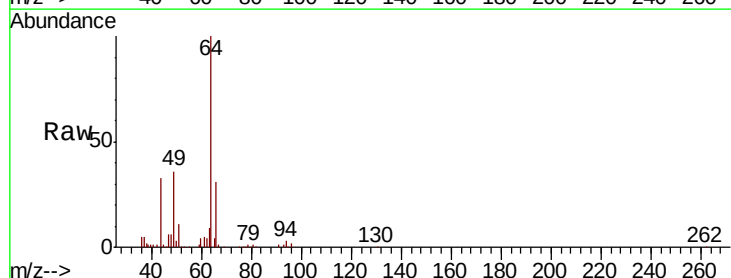
Acq: 30 May 2019 13:27

Tgt Ion: 64 Resp: 279121

Ion Ratio Lower Upper

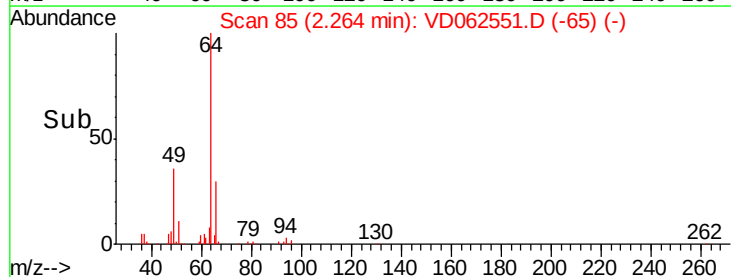
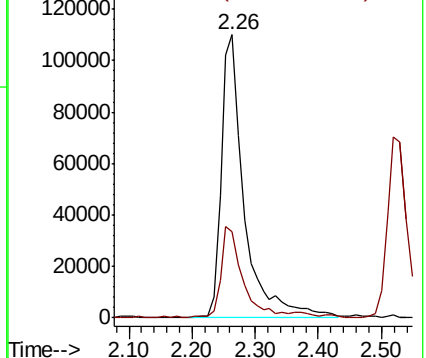
64 100

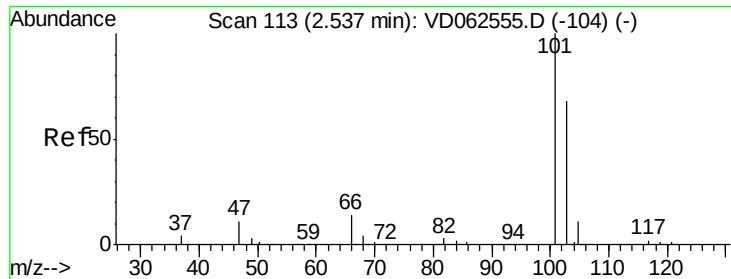
66 30.7 23.4 35.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

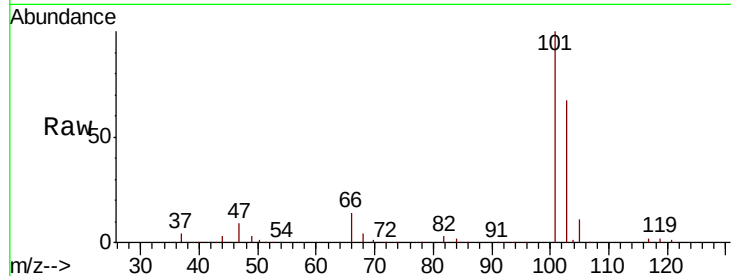
Trichlorofluoromethane
Concen: 67.413 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion:101 Resp: 1187797

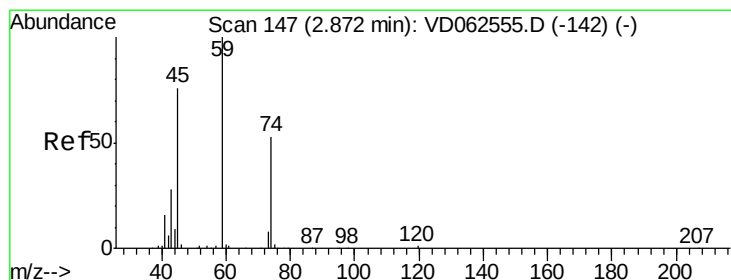
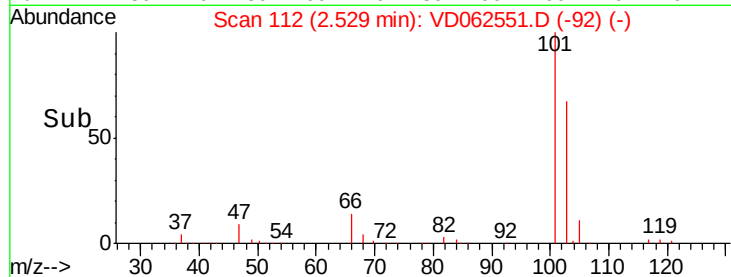
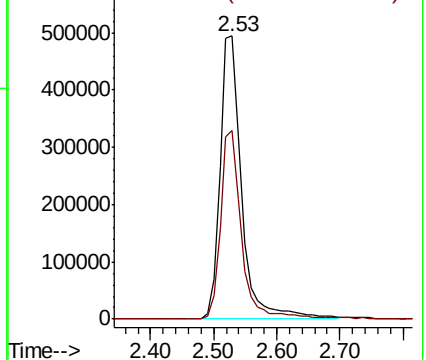
Ion Ratio Lower Upper

101 100

103 66.7 54.3 81.5



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



#8

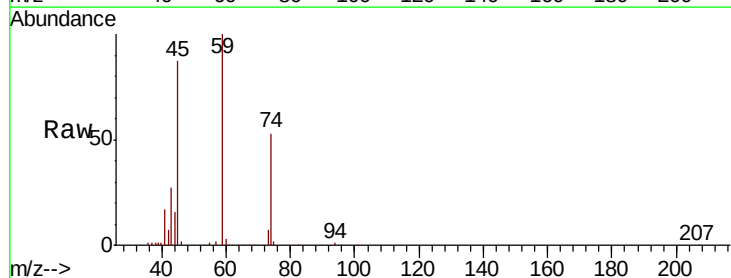
Diethyl Ether
Concen: 68.043 ug/l
RT: 2.86 min Scan# 146
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 74 Resp: 154044

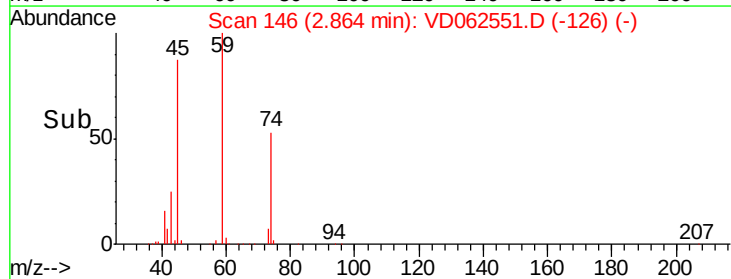
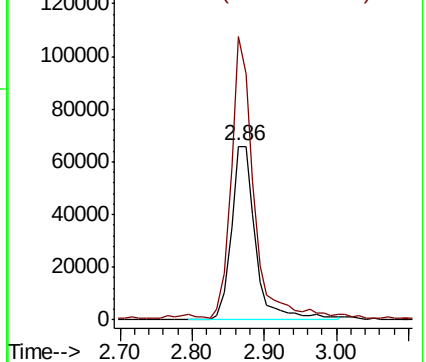
Ion Ratio Lower Upper

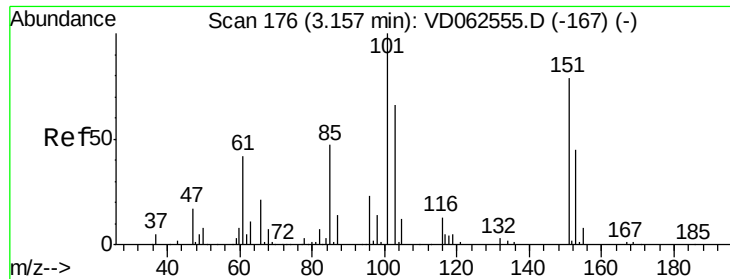
74 100

45 162.8 71.9 215.7



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 64.281 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

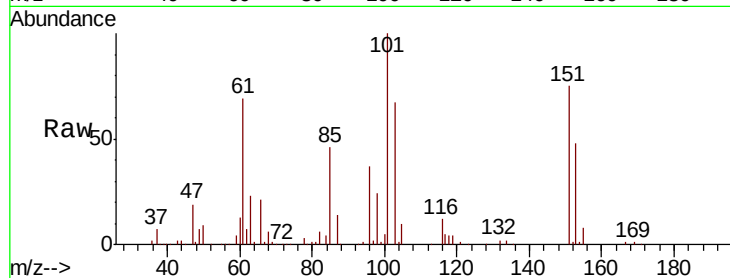
Tot Ion:101 Resp: 670003

Ion Ratio Lower Upper

101 100

85 45.8 37.6 56.4

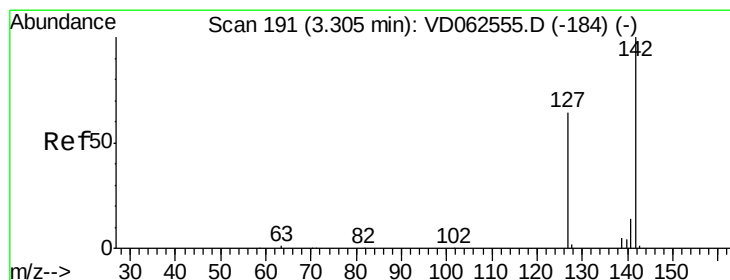
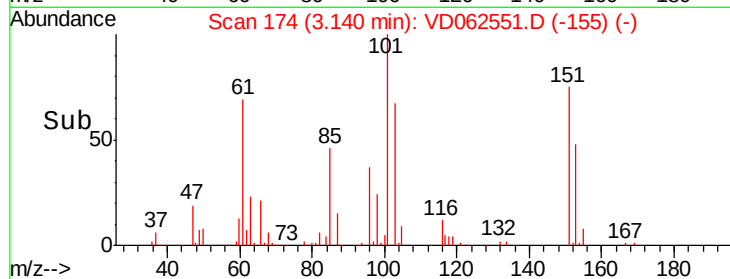
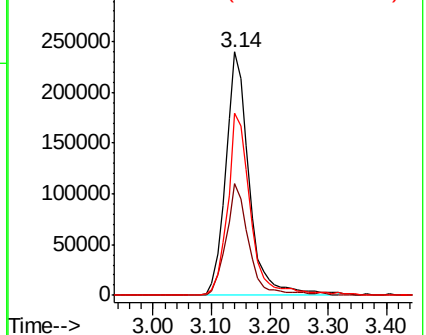
151 75.1 63.0 94.4



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: 76.571 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

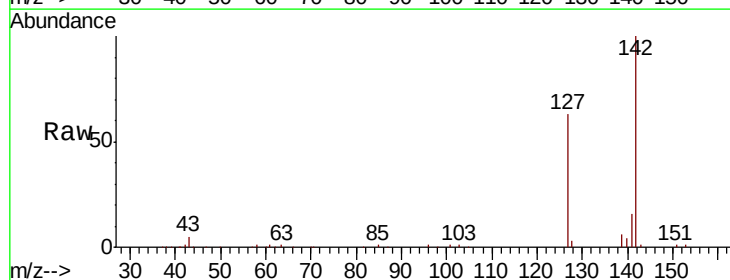
Tgt Ion:142 Resp: 871533

Ion Ratio Lower Upper

142 100

127 62.9 51.2 76.8

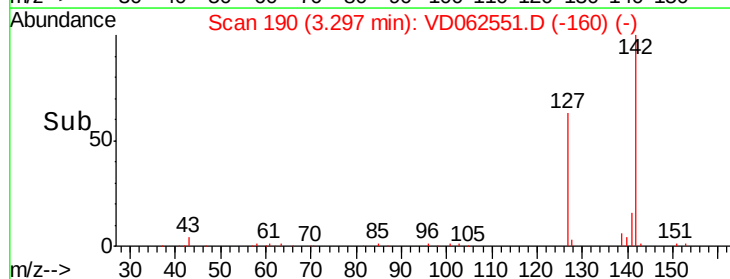
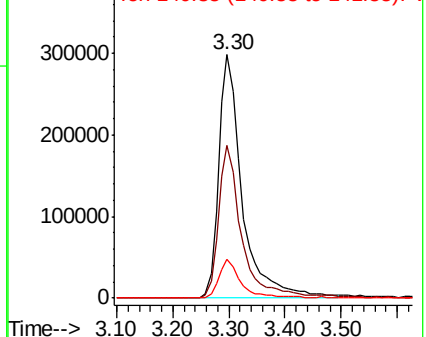
141 16.0 11.0 16.4

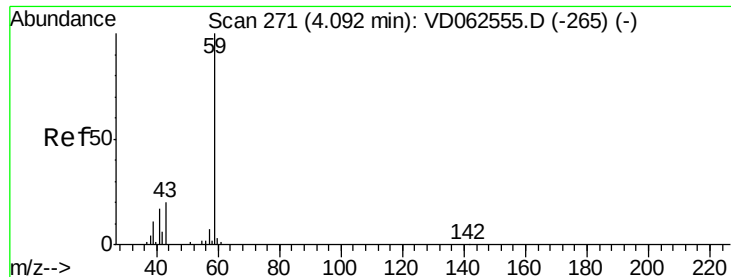


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

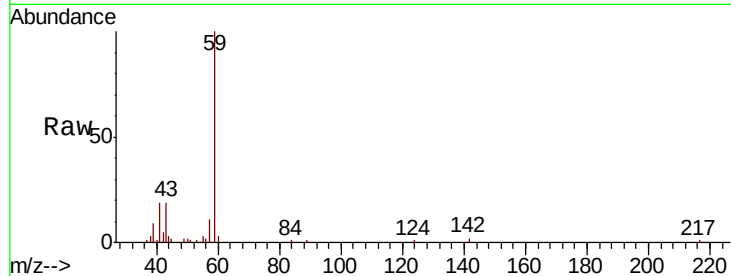
Ion 140.85 (140.55 to 141.55): V



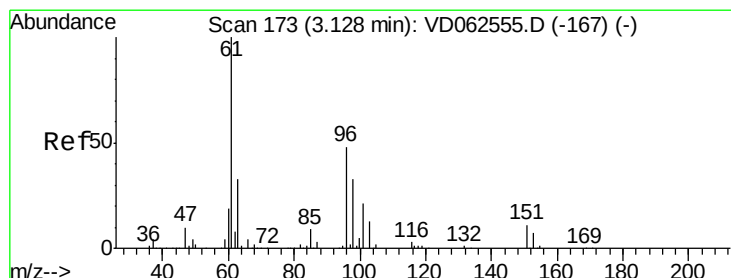
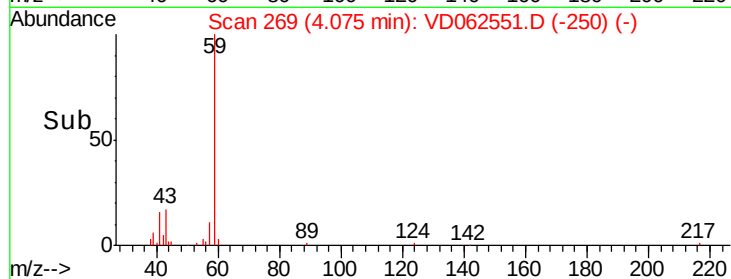
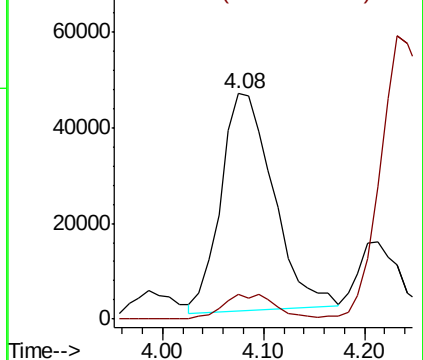


#11
Tert butyl alcohol
Concen: 331.283 ug/l
RT: 4.08 min Scan# 269
Delta R.T. -0.02 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 59 Resp: 164628
Ion Ratio Lower Upper
59 100
57 11.0 5.4 8.0#

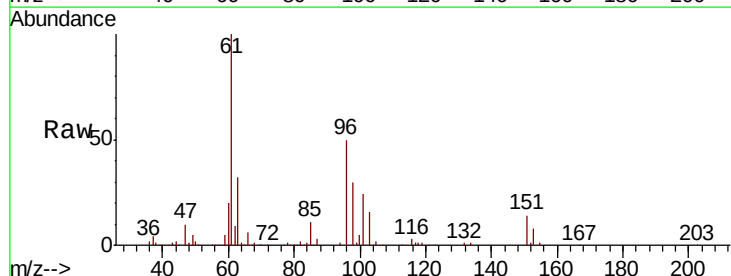


Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC

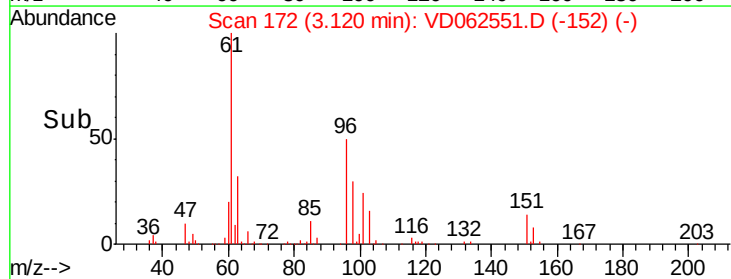
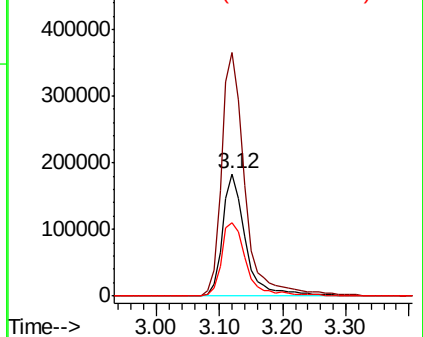


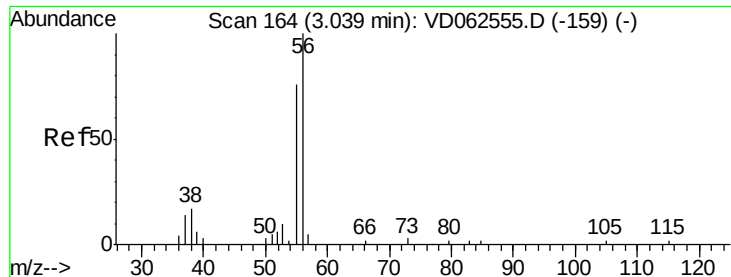
#12
1,1-Dichloroethene
Concen: 62.675 ug/l
RT: 3.12 min Scan# 172
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 96 Resp: 464292
Ion Ratio Lower Upper
96 100
61 199.0 166.6 250.0
98 60.1 54.4 81.6



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





#13

Acrolein

Concen: 289.667 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.01 min

Lab File: VD062551.D

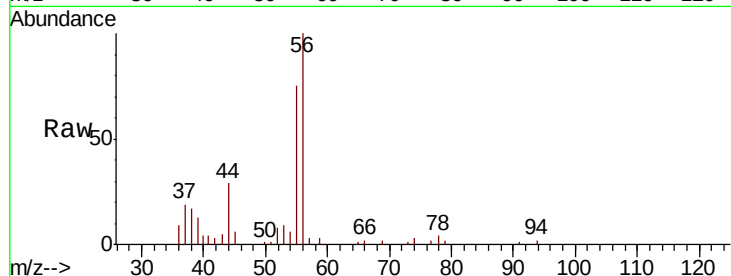
Acq: 30 May 2019 13:27

Tot Ion: 56 Resp: 62307

Ion Ratio Lower Upper

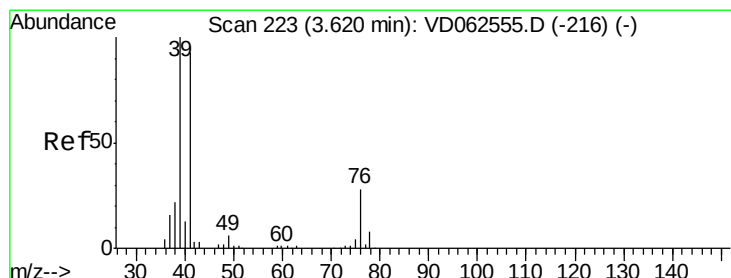
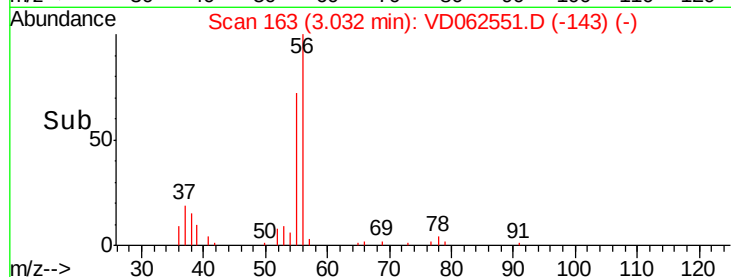
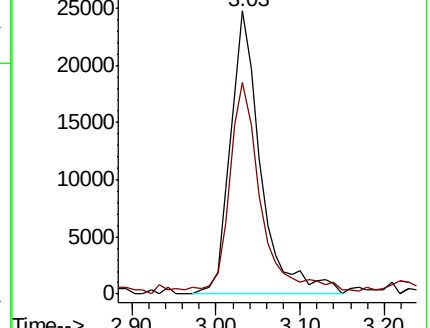
56 100

55 74.8 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: 68.025 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

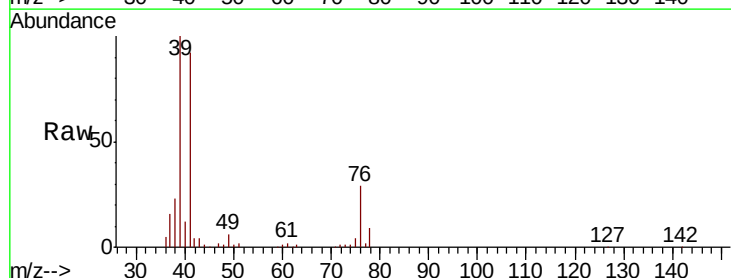
Tgt Ion: 41 Resp: 788933

Ion Ratio Lower Upper

41 100

39 108.2 86.3 129.5

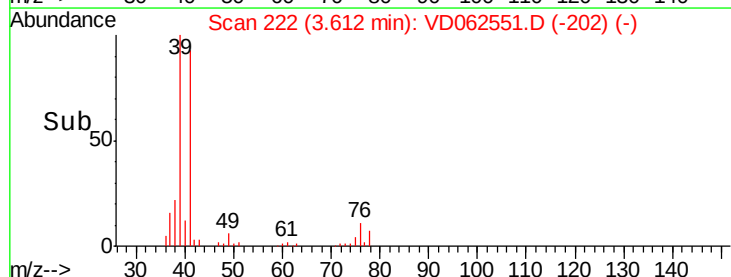
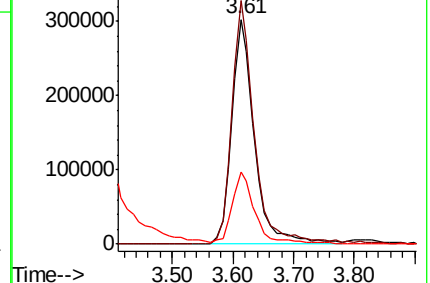
76 31.9 25.5 38.3

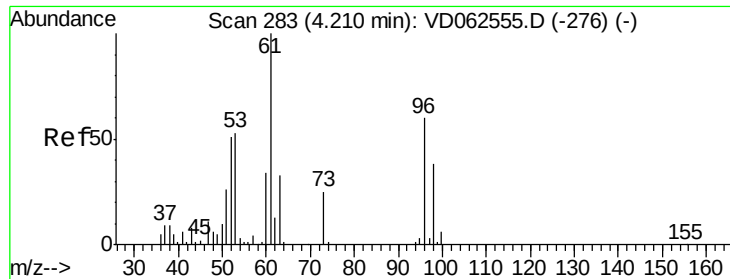


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 355.518 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

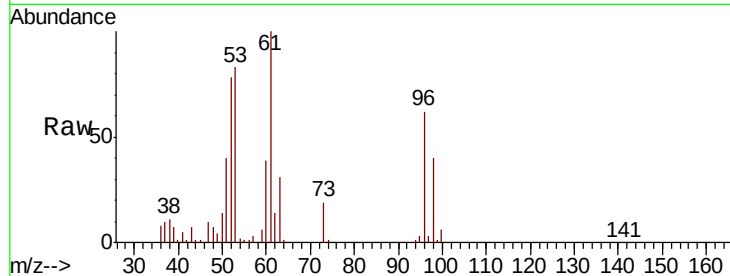
Tot Ion: 53 Resp: 397951

Ion Ratio Lower Upper

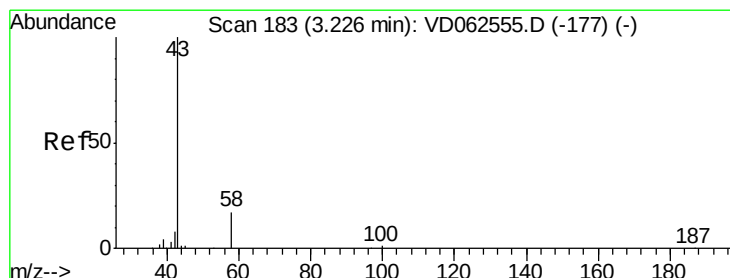
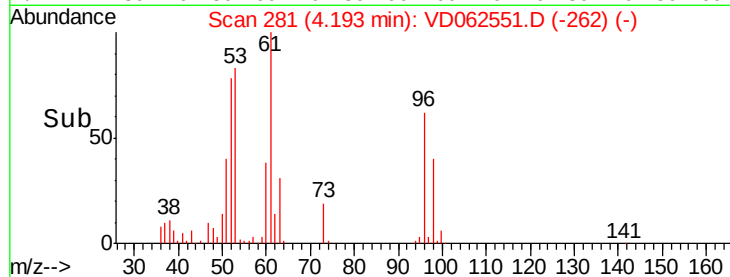
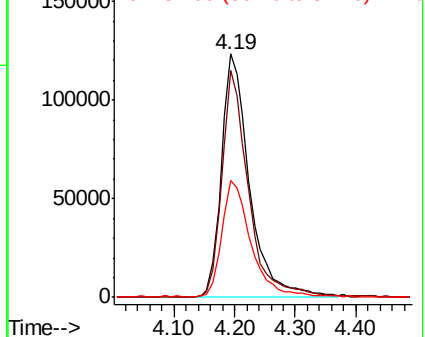
53 100

52 93.4 76.2 114.2

51 48.1 40.2 60.4



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



#16

Acetone

Concen: 319.550 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062551.D

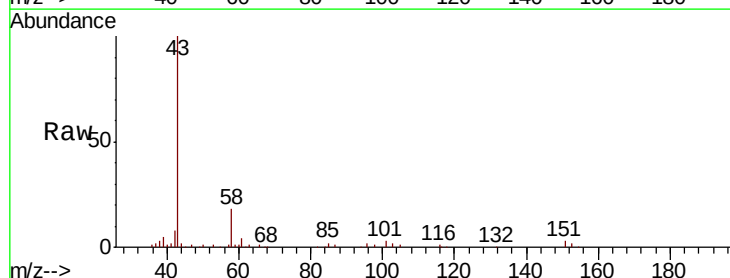
Acq: 30 May 2019 13:27

Tgt Ion: 43 Resp: 712414

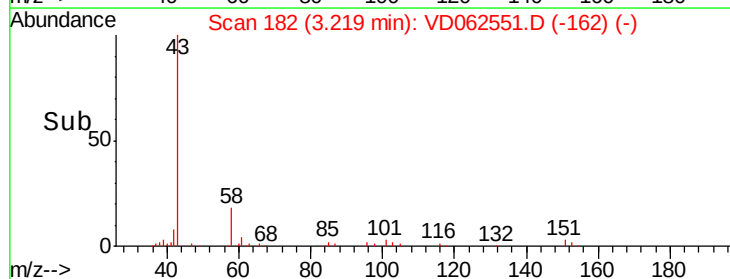
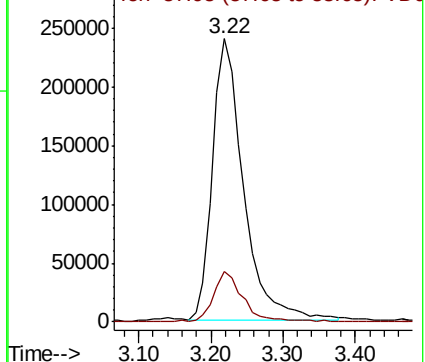
Ion Ratio Lower Upper

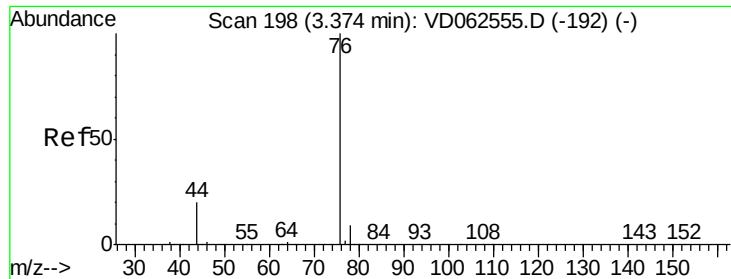
43 100

58 17.7 13.8 20.8



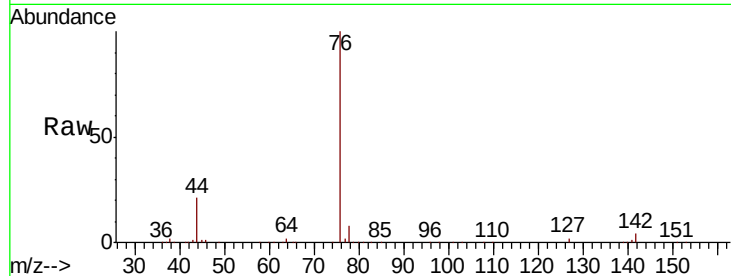
Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC



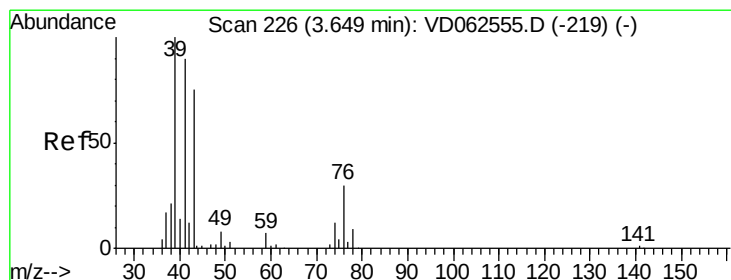
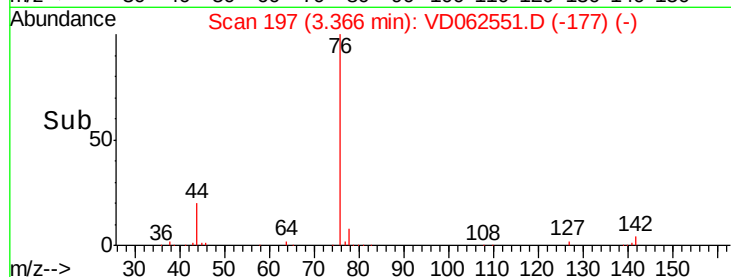
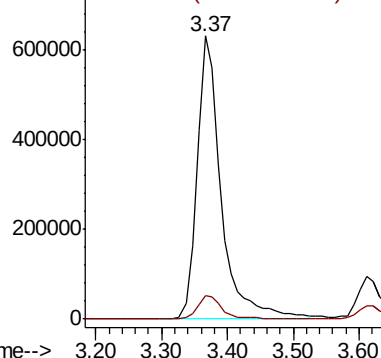


#17
Carbon Disulfide
Concen: 68.517 ug/l
RT: 3.37 min Scan# 197
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 76 Resp: 1612900
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

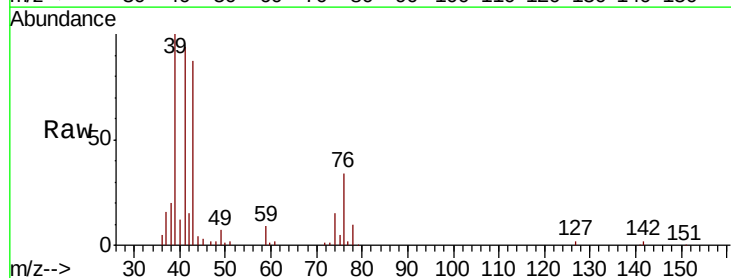


Abundance Ion 75.85 (75.55 to 76.55): VDC
Ion 77.85 (77.55 to 78.55): VDC

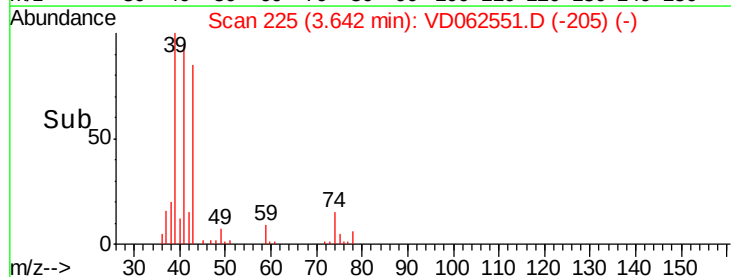
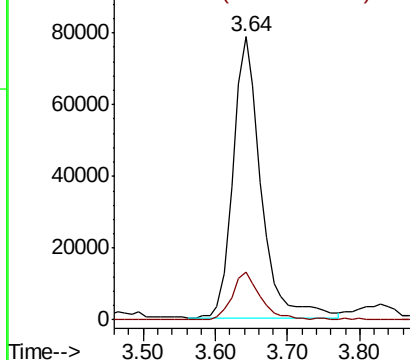


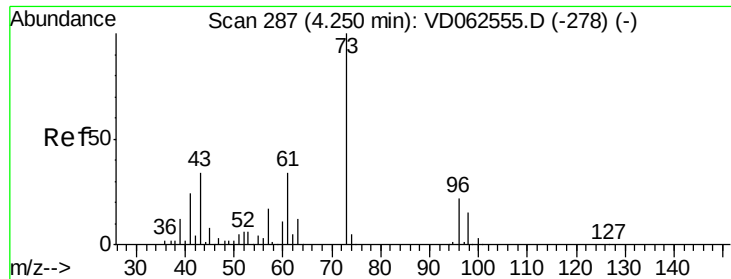
#18
Methyl Acetate
Concen: 59.030 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 43 Resp: 214077
Ion Ratio Lower Upper
43 100
74 17.1 12.5 18.7



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



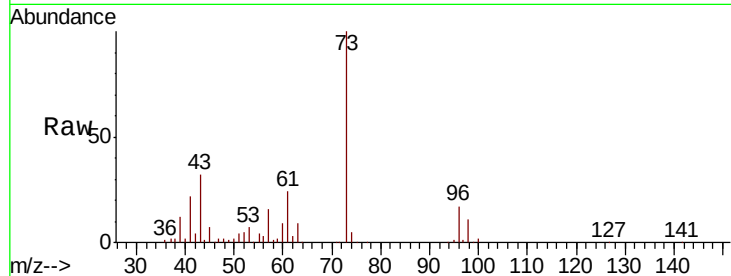


#19

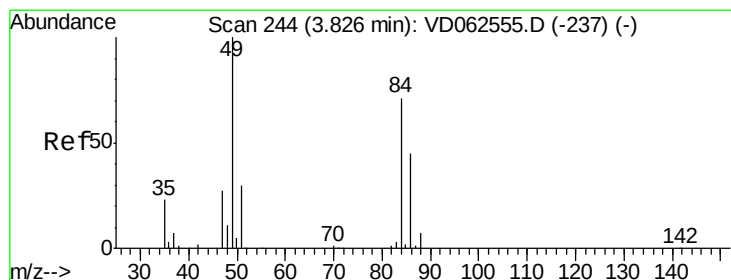
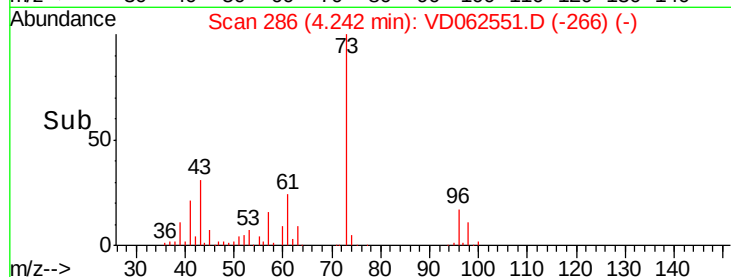
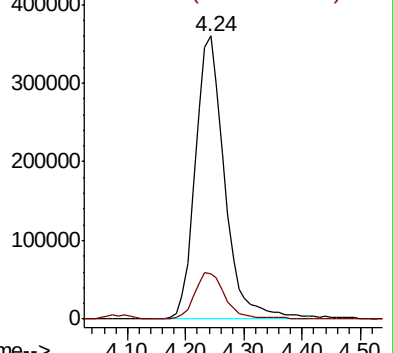
Methyl tert-butyl Ether
 Concen: 69.521 ug/l
 RT: 4.24 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tot Ion: 73 Resp: 1254442

Ion	Ratio	Lower	Upper
73	100		
57	16.0	13.8	20.8



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

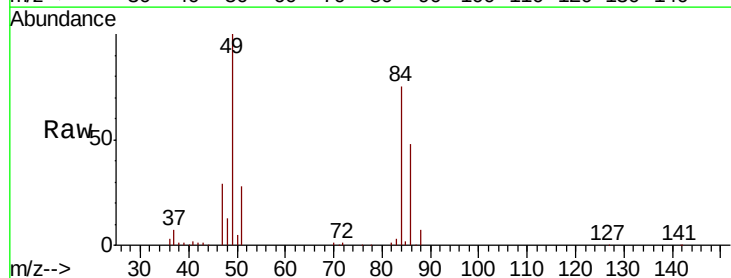


#20

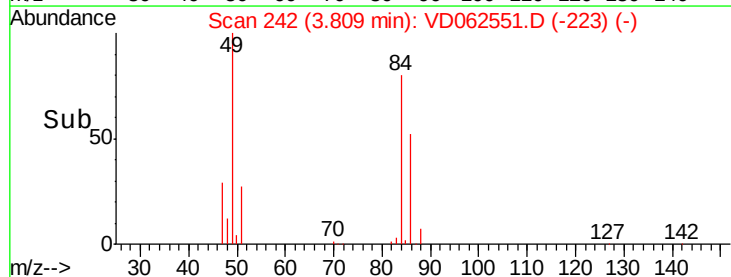
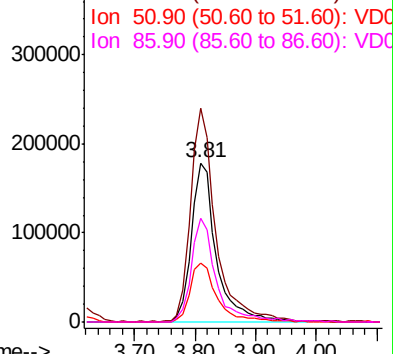
Methylene Chloride
 Concen: 65.827 ug/l
 RT: 3.81 min Scan# 242
 Delta R.T. -0.02 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

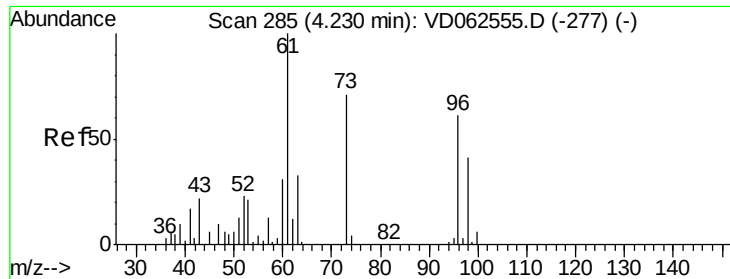
Tgt Ion: 84 Resp: 514342

Ion	Ratio	Lower	Upper
84	100		
49	134.0	112.3	168.5
51	37.3	33.6	50.4
86	64.9	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: 68.255 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

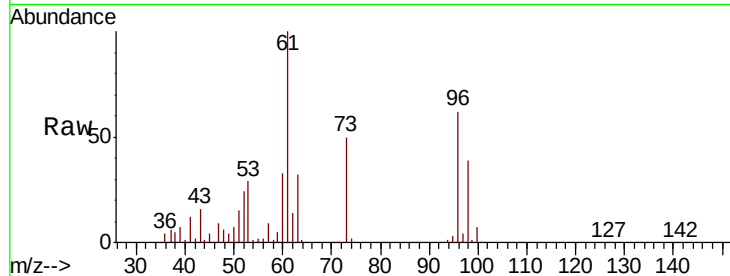
Tot Ion: 96 Resp: 573248

Ion Ratio Lower Upper

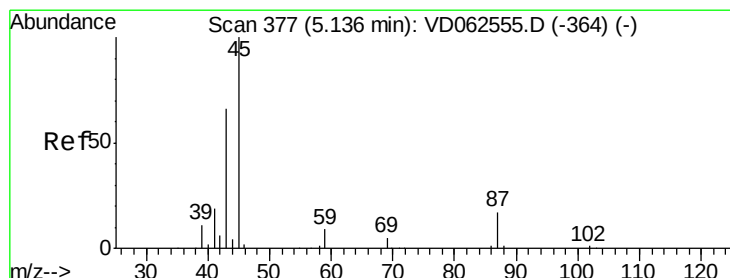
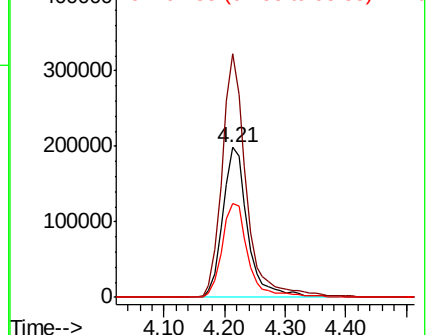
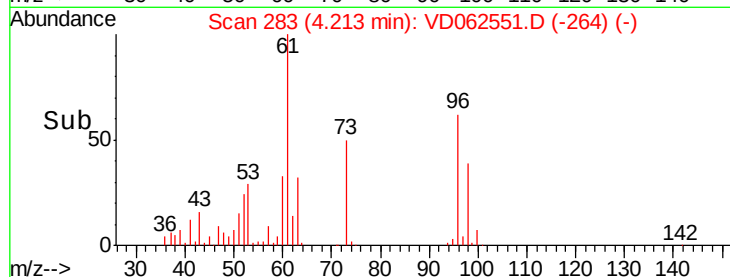
96 100

61 162.4 131.1 196.7

98 62.8 54.2 81.4



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



#22

Diisopropyl ether

Concen: 70.140 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tgt Ion: 45 Resp: 1637558

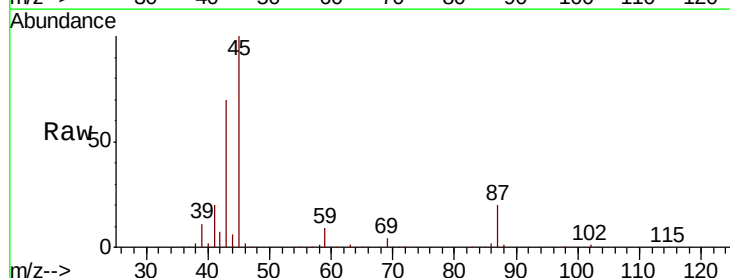
Ion Ratio Lower Upper

45 100

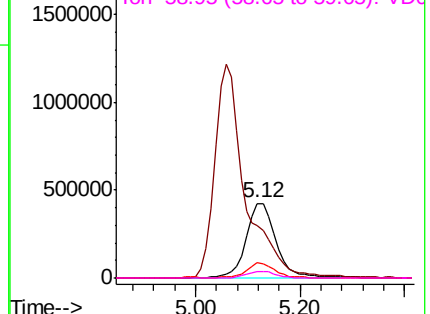
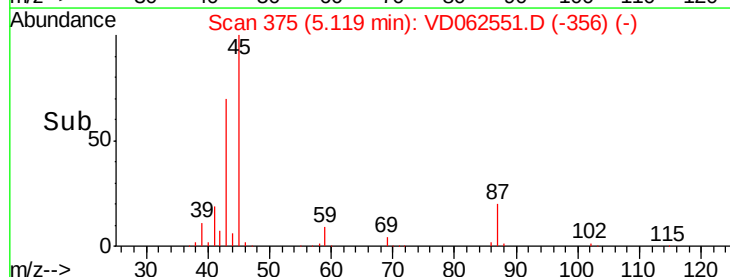
43 70.4 53.6 80.4

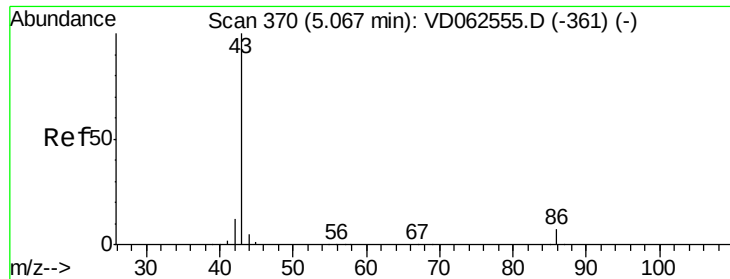
87 19.9 14.2 21.4

59 8.8 7.3 10.9



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





#23

Vinyl Acetate

Concen: 343.797 ug/l

RT: 5.06 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD062551.D

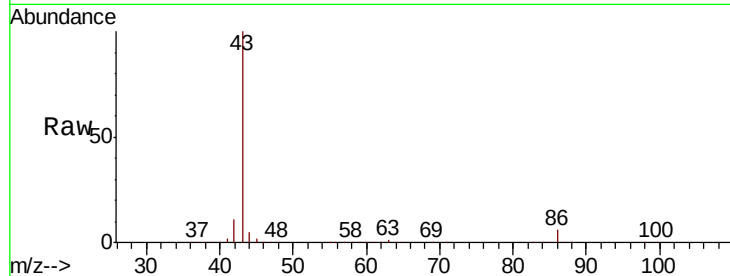
Acq: 30 May 2019 13:27

Tot Ion: 43 Resp: 4884896

Ion Ratio Lower Upper

43 100

86 5.6 5.5 8.3



Abundance Ion 42.95 (42.65 to 43.65): VD062555.D (-361) (-)

Ion 86.00 (85.70 to 86.70): VD062555.D (-361) (-)

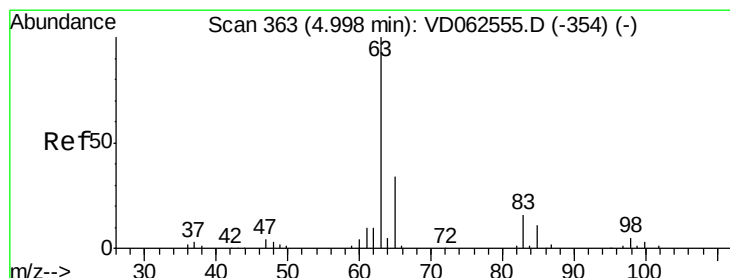
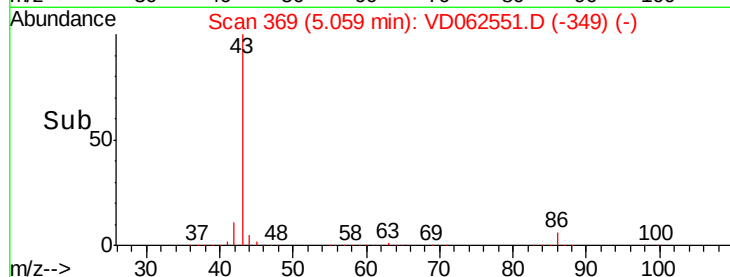
5.06

1000000

500000

0

Time-->



#24

1,1-Dichloroethane

Concen: 66.775 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

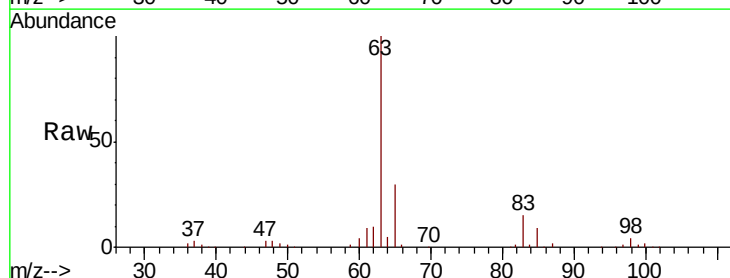
Tgt Ion: 63 Resp: 1018469

Ion Ratio Lower Upper

63 100

98 4.2 2.5 7.5

100 1.9 1.6 4.7



Abundance Ion 62.95 (62.65 to 63.65): VD062555.D (-354) (-)

Ion 97.95 (97.65 to 98.65): VD062555.D (-354) (-)

Ion 99.95 (99.65 to 100.65): VD062555.D (-354) (-)

4.98

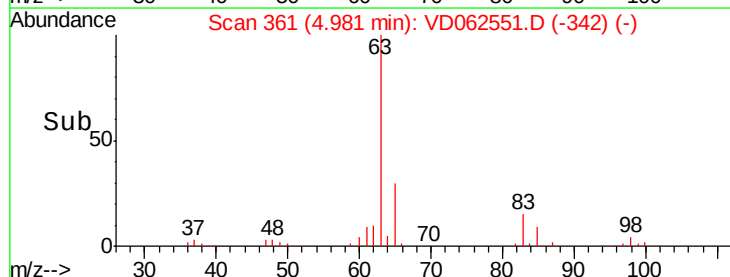
300000

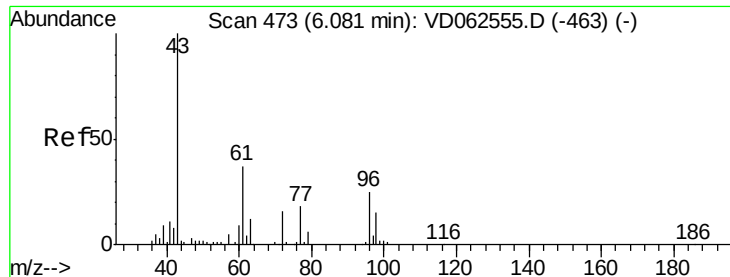
200000

100000

0

Time-->





#25

2-Butanone

Concen: 336.370 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD062551.D

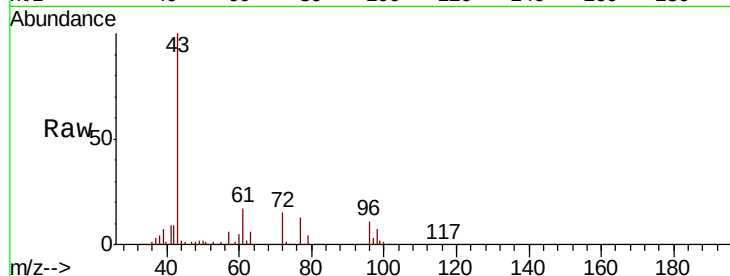
Acq: 30 May 2019 13:27

Tot Ion: 43 Resp: 689167

Ion Ratio Lower Upper

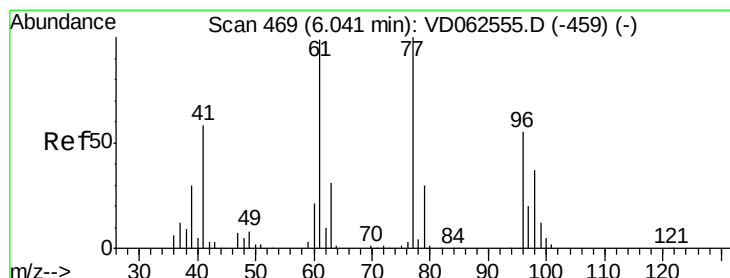
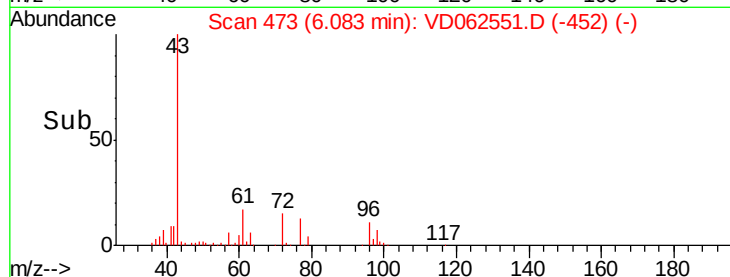
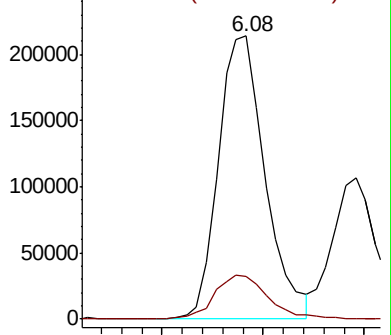
43 100

72 15.0 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: 67.033 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.02 min

Lab File: VD062551.D

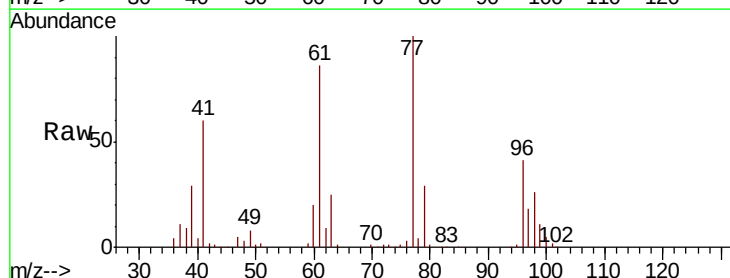
Acq: 30 May 2019 13:27

Tgt Ion: 77 Resp: 1110091

Ion Ratio Lower Upper

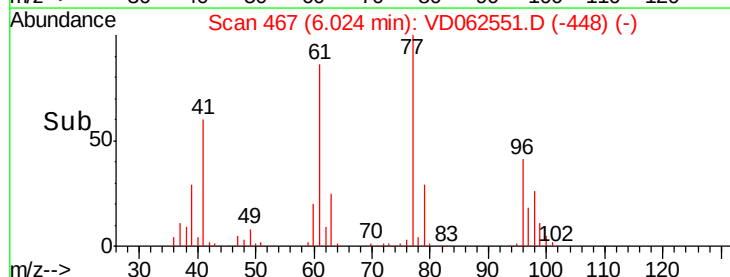
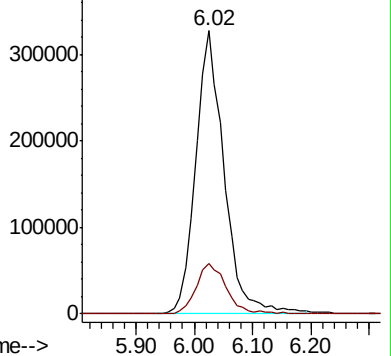
77 100

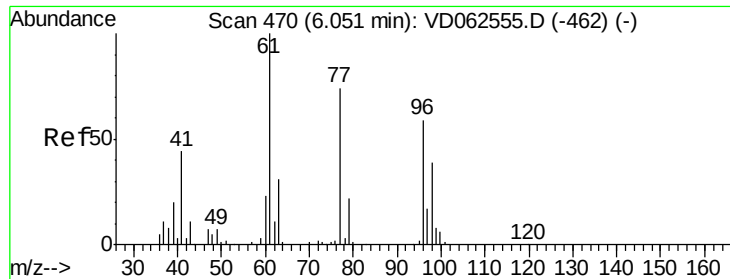
97 17.6 9.8 29.3



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC

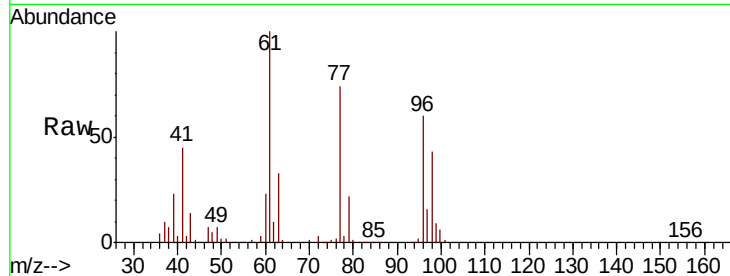




#27

cis-1,2-Dichloroethene
Concen: 66.968 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.4	0.0	342.4
98	70.7	0.0	134.6

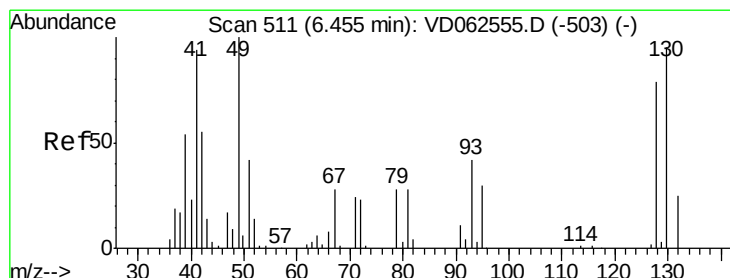
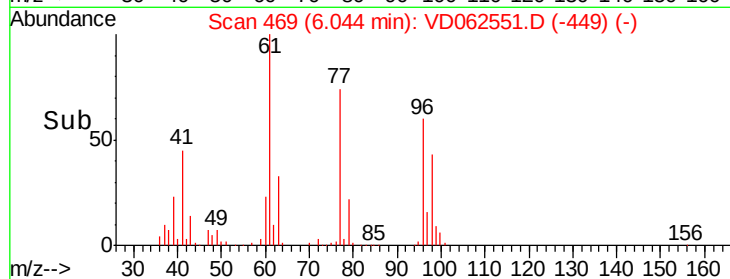
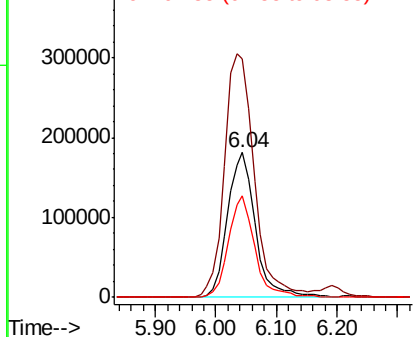


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

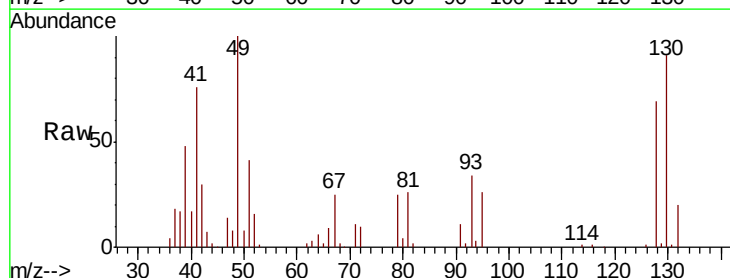
Ion 97.85 (97.55 to 98.55): VDC



#28

Bromochloromethane
Concen: 68.320 ug/l
RT: 6.44 min Scan# 509
Delta R.T. -0.02 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.6
130	90.7	75.8	113.8

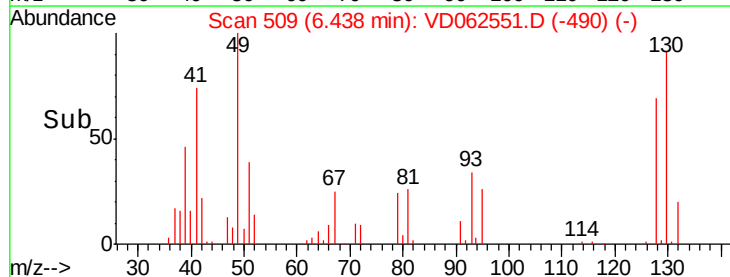
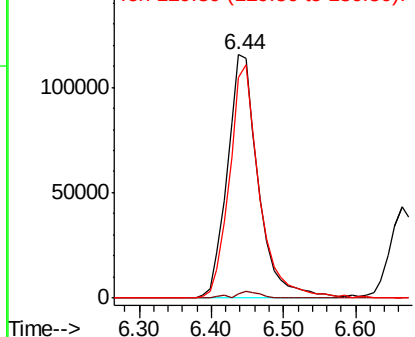


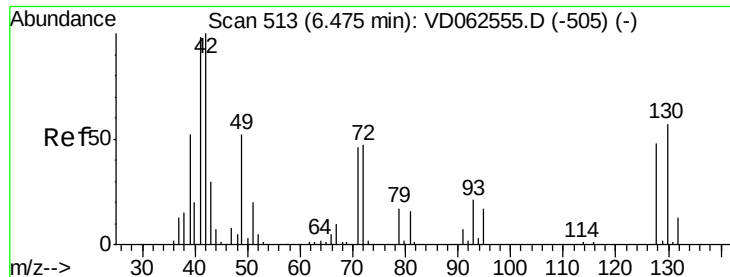
Abundance

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: 323.855 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

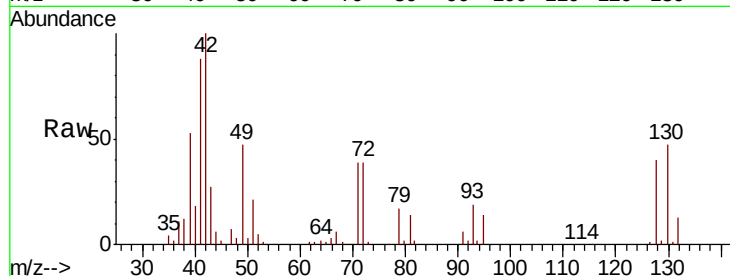
Tot Ion: 42 Resp: 305056

Ion Ratio Lower Upper

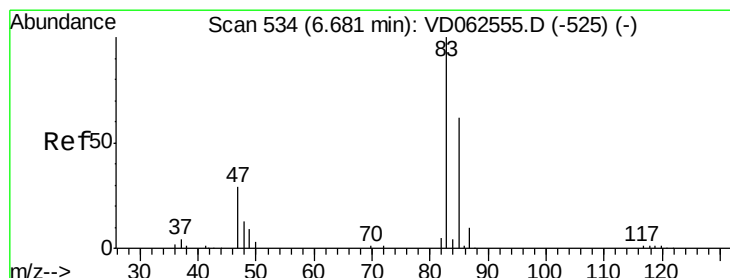
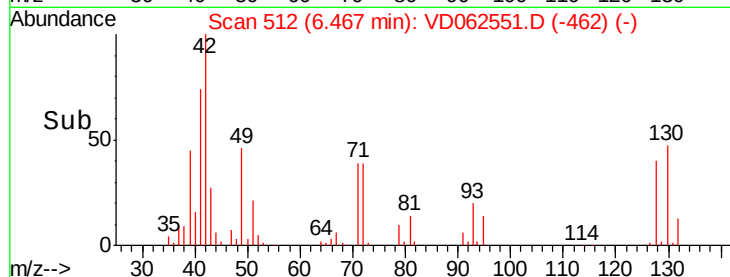
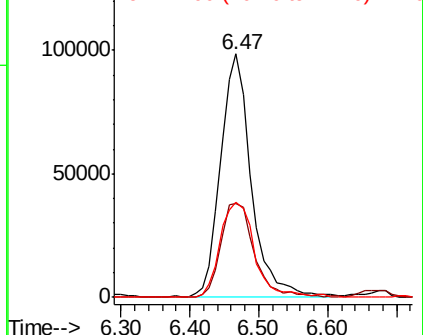
42 100

72 42.5 34.5 51.7

71 43.9 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: 67.300 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.02 min

Lab File: VD062551.D

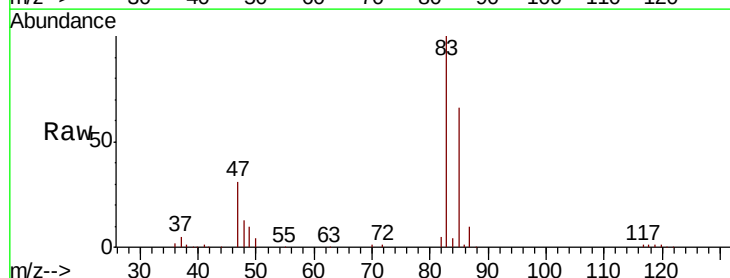
Acq: 30 May 2019 13:27

Tgt Ion: 83 Resp: 1235161

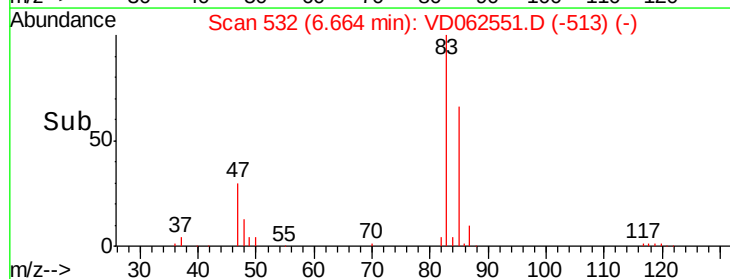
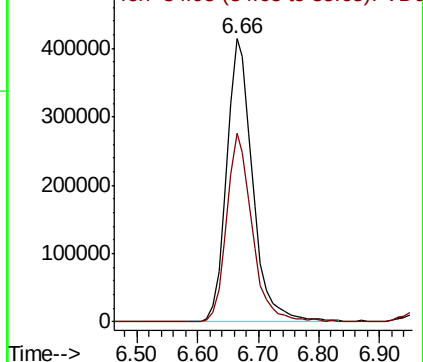
Ion Ratio Lower Upper

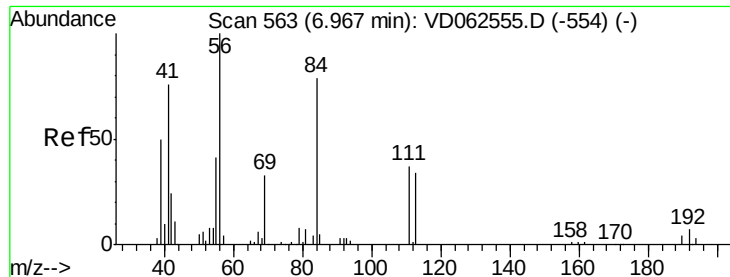
83 100

85 66.5 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: 68.122 ug/l

RT: 6.96 min Scan# 562

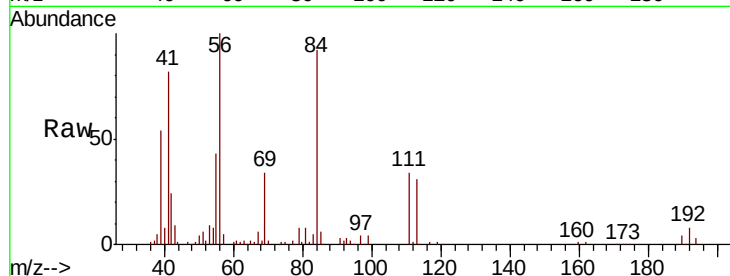
Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tot Ion: 56 Resp: 688345

Ion	Ratio	Lower	Upper
56	100		
69	33.7	26.2	39.2
84	91.9	65.2	97.8

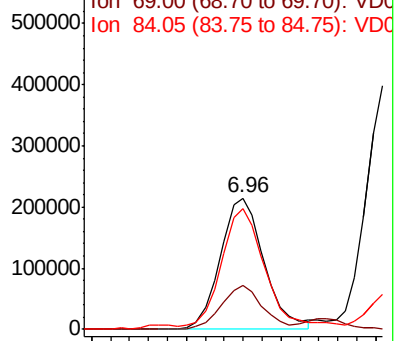


Abundance

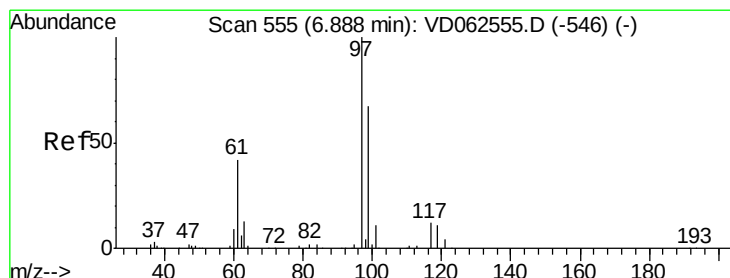
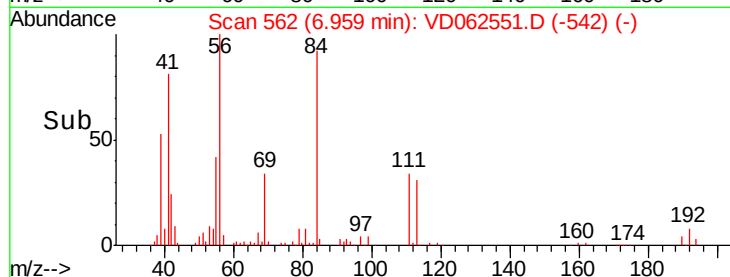
Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



Time-->



#32

1,1,1-Trichloroethane

Concen: 68.086 ug/l

RT: 6.87 min Scan# 553

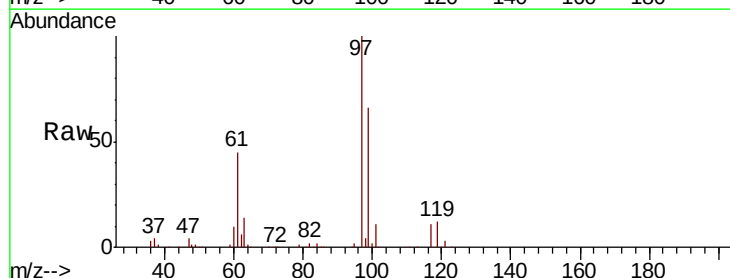
Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tgt Ion: 97 Resp: 1276039

Ion	Ratio	Lower	Upper
97	100		
99	66.5	53.6	80.4
61	45.3	33.9	50.9

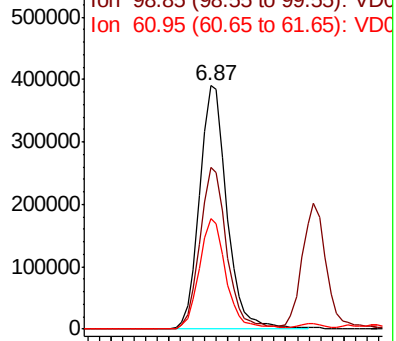


Abundance

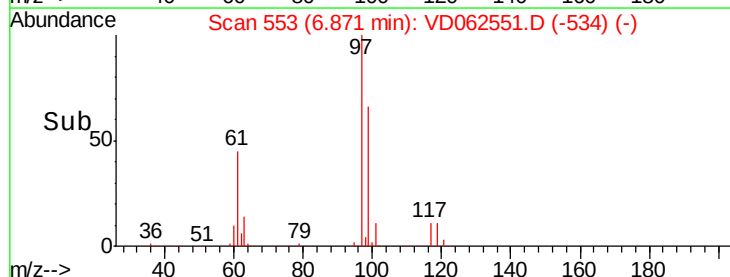
Ion 96.85 (96.55 to 97.55): VDC

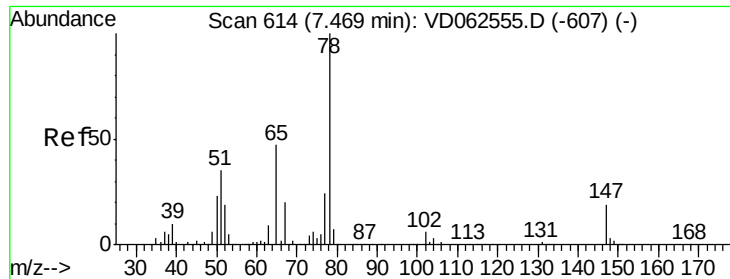
Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC



Time-->





#33

1,2-Dichloroethane-d4

Concen: 65.553 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062551.D

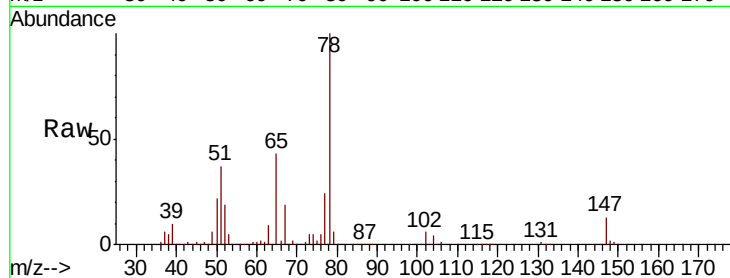
Acq: 30 May 2019 13:27

Tot Ion: 65 Resp: 708604

Ion Ratio Lower Upper

65 100

67 45.6 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

250000

200000

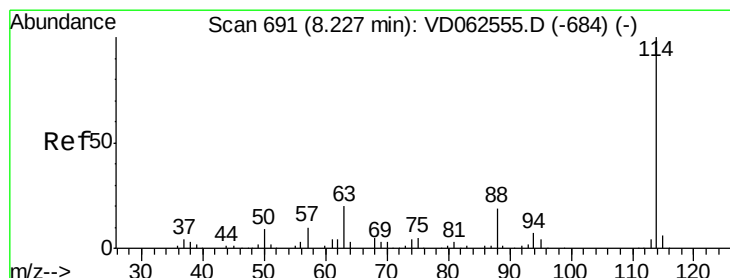
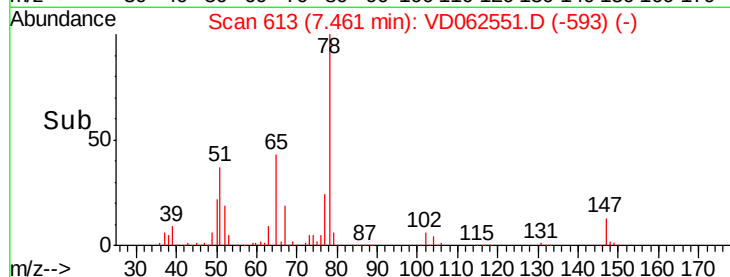
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

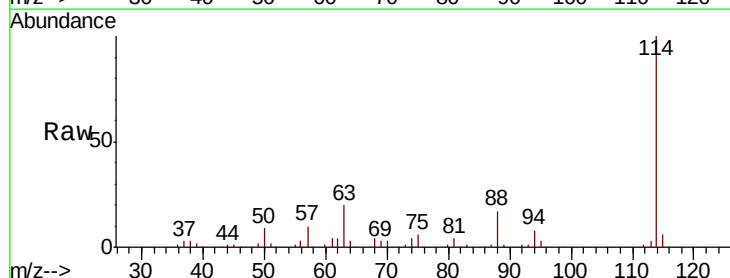
Tgt Ion: 114 Resp: 1185381

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.6

88 17.3 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

600000

500000

400000

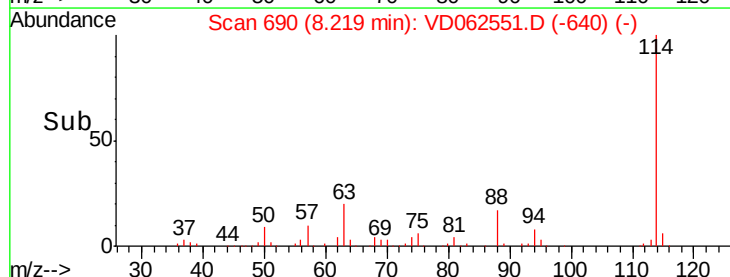
300000

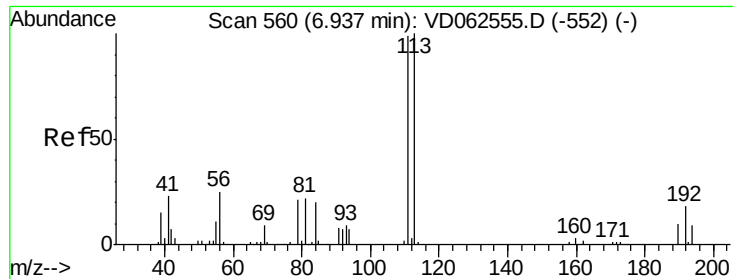
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 70.572 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

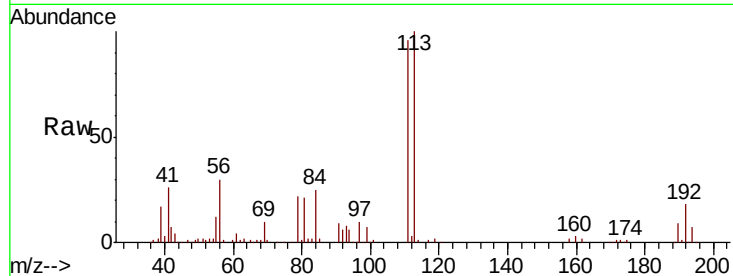
Tot Ion:113 Resp: 773065

Ion	Ratio	Lower	Upper
113	100		
111	96.3	78.8	118.2
192	18.0	14.6	22.0

113 100

111 96.3 78.8 118.2

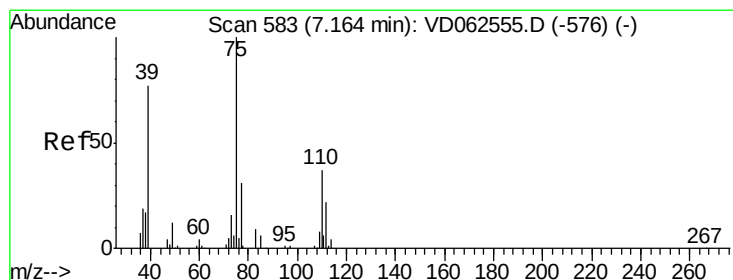
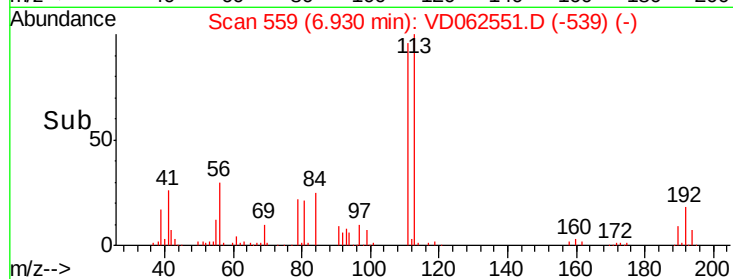
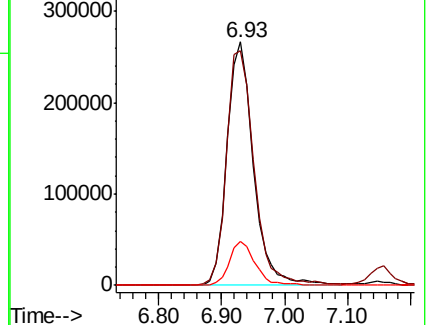
192 18.0 14.6 22.0



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: 71.055 ug/l

RT: 7.16 min Scan# 582

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

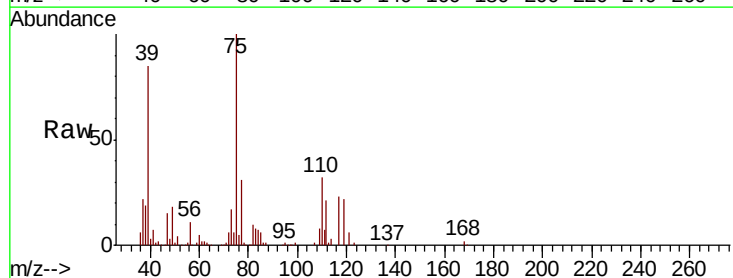
Tgt Ion: 75 Resp: 854213

Ion	Ratio	Lower	Upper
75	100		
110	32.1	18.3	54.8
77	30.6	24.4	36.6

75 100

110 32.1 18.3 54.8

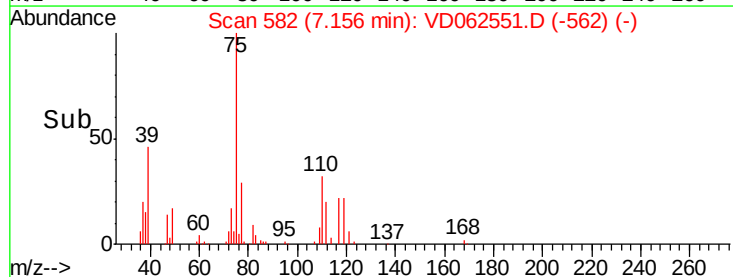
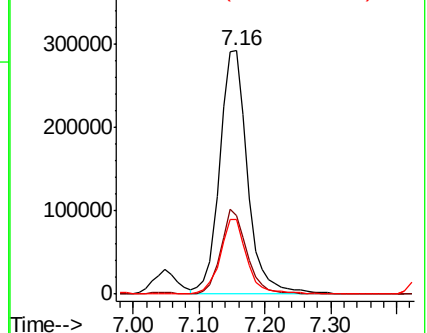
77 30.6 24.4 36.6

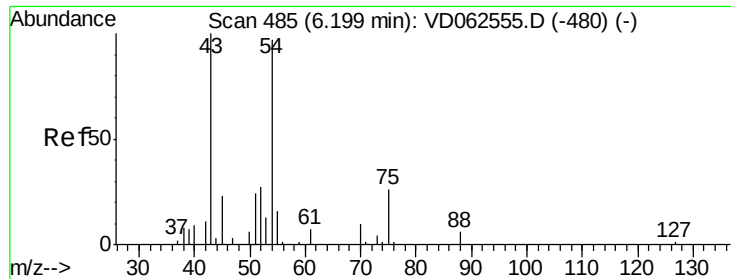


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

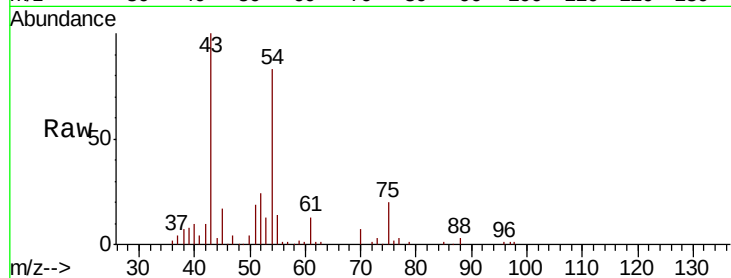
Ion 76.95 (76.65 to 77.65): V



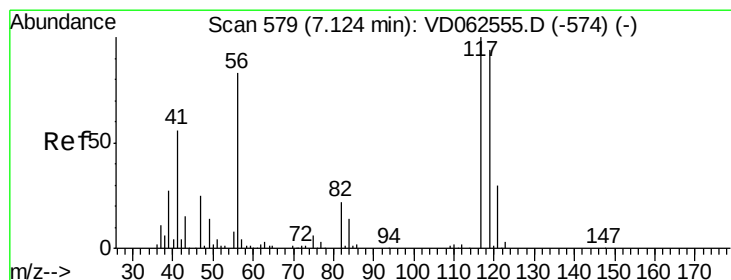
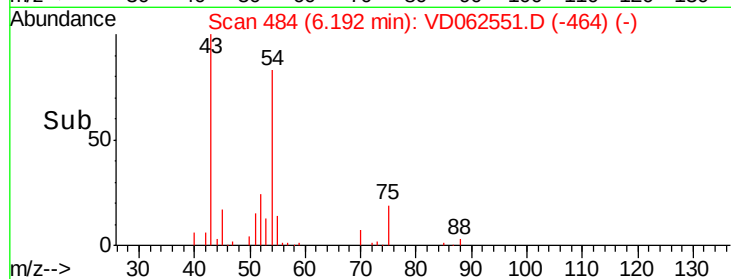
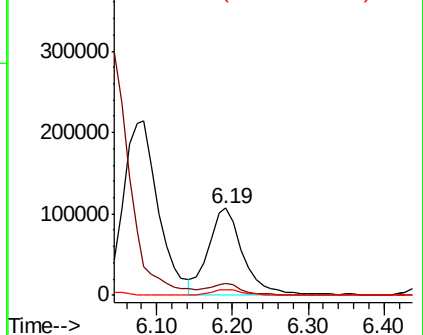


#37
Ethyl Acetate
Concen: 61.686 ug/l
RT: 6.19 min Scan# 484
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 43 Resp: 331148
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.8
70 7.1 6.5 9.7

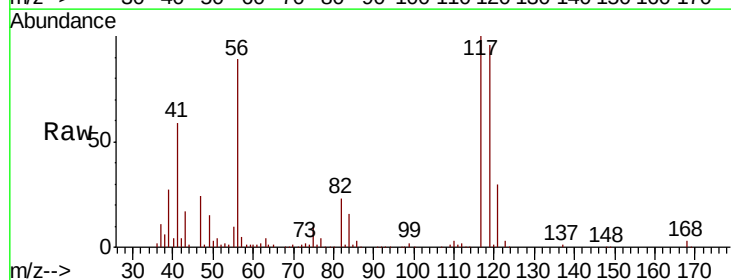


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

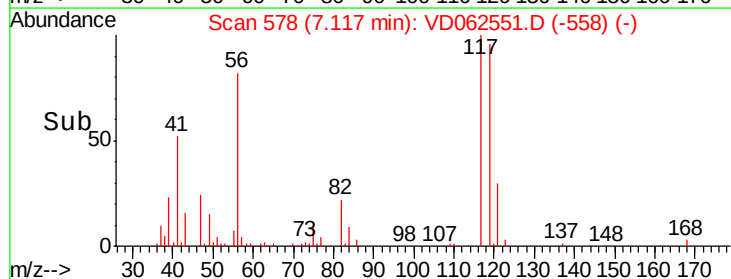
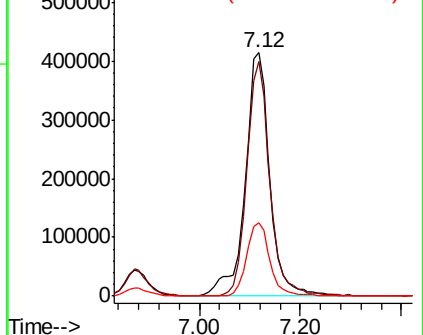


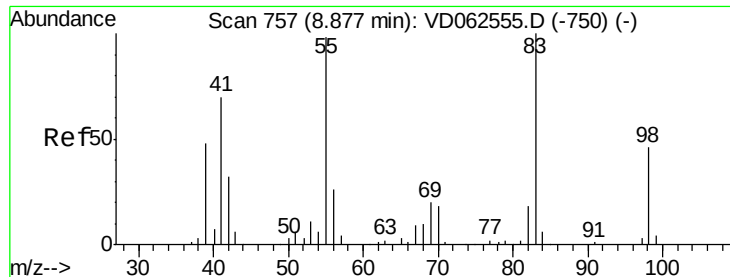
#38
Carbon Tetrachloride
Concen: 77.052 ug/l
RT: 7.12 min Scan# 578
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 117 Resp: 1399099
Ion Ratio Lower Upper
117 100
119 96.5 71.4 107.2
121 30.3 22.5 33.7



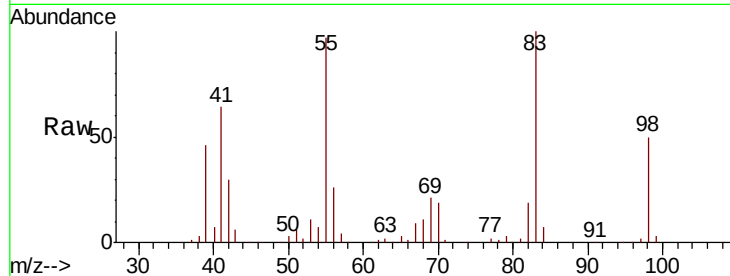
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



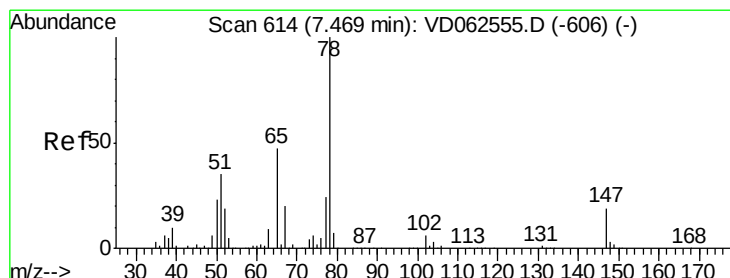
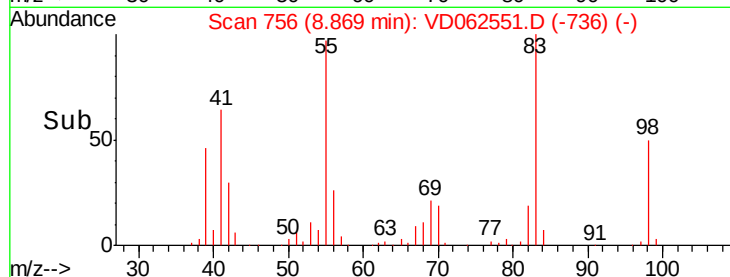
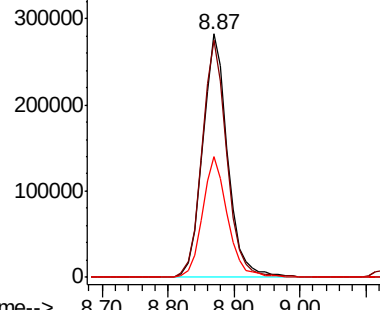


#39
Methylvlcyclohexane
Concen: 74.626 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 83 Resp: 751579
Ion Ratio Lower Upper
83 100
55 97.4 78.7 118.1
98 49.6 37.2 55.8

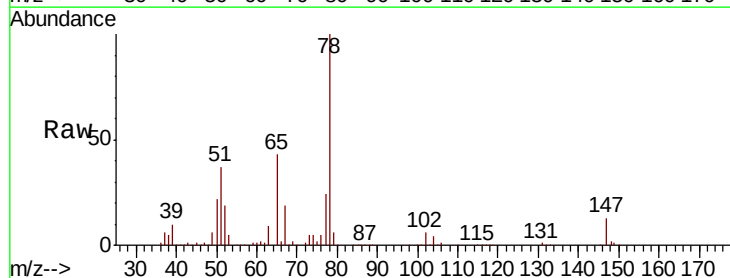


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

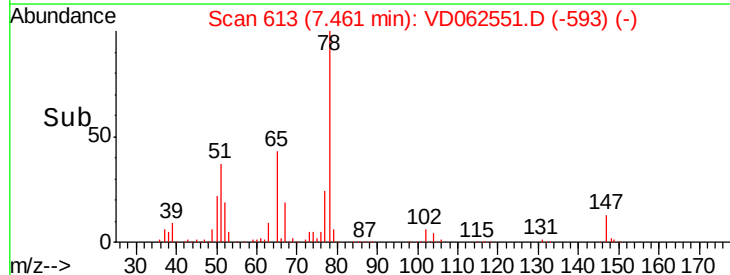
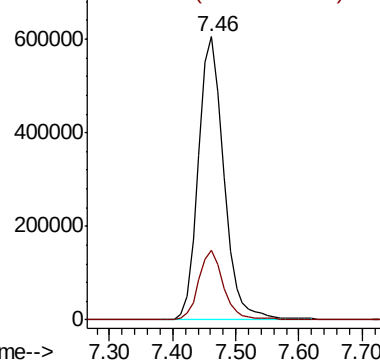


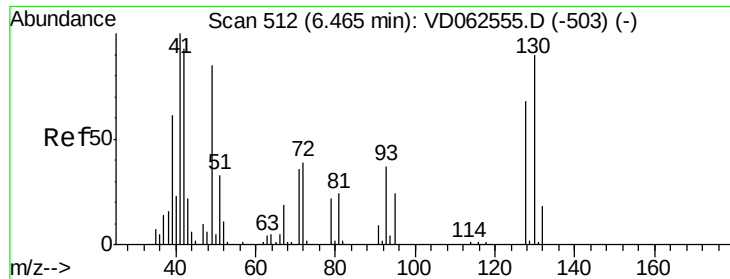
#40
Benzene
Concen: 71.873 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 78 Resp: 1697302
Ion Ratio Lower Upper
78 100
77 24.5 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: 69.586 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.02 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tot Ion: 41 Resp: 418731

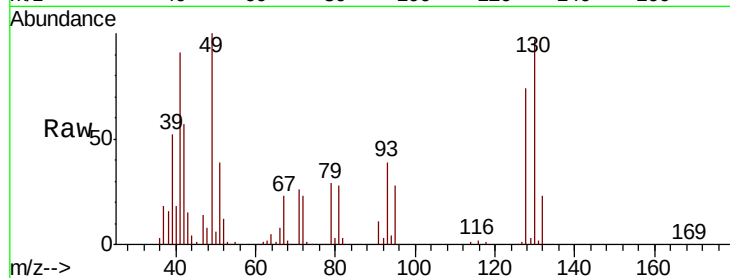
Ion Ratio Lower Upper

41 100

39 57.0 49.0 73.6

67 24.8 15.5 23.3#

52 12.7 8.9 13.3

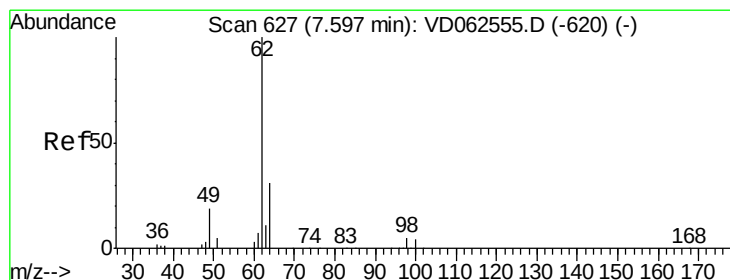
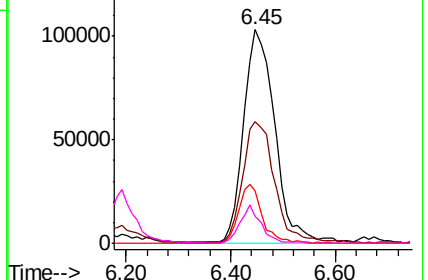
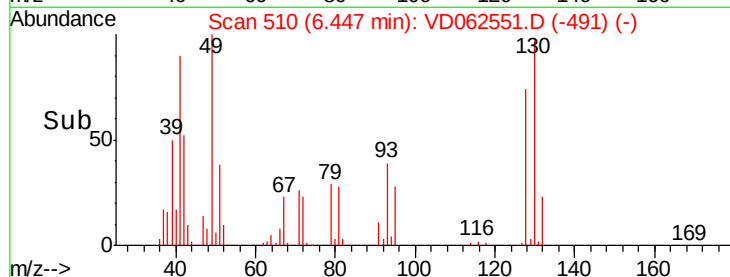


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 70.757 ug/l

RT: 7.58 min Scan# 625

Delta R.T. -0.02 min

Lab File: VD062551.D

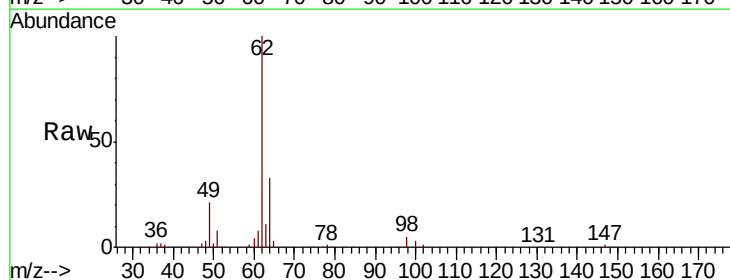
Acq: 30 May 2019 13:27

Tgt Ion: 62 Resp: 932873

Ion Ratio Lower Upper

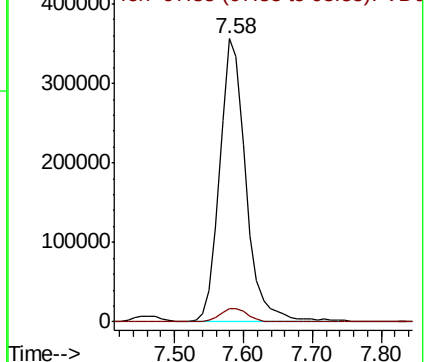
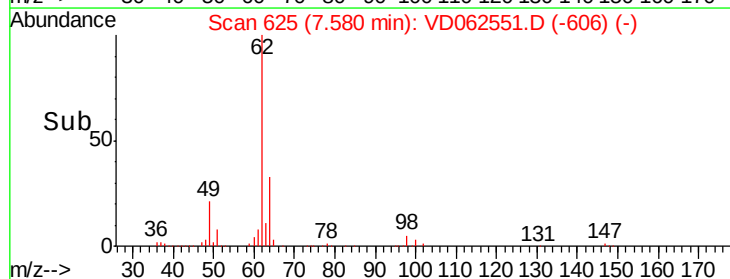
62 100

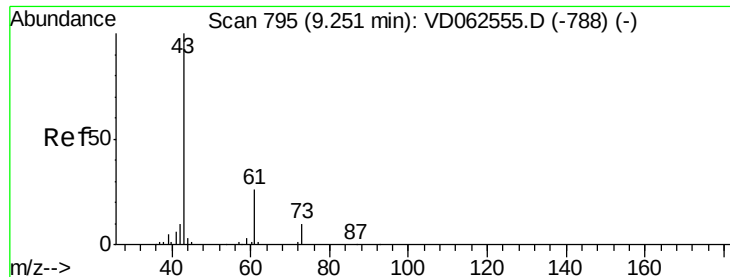
98 4.8 0.0 11.0



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 73.834 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

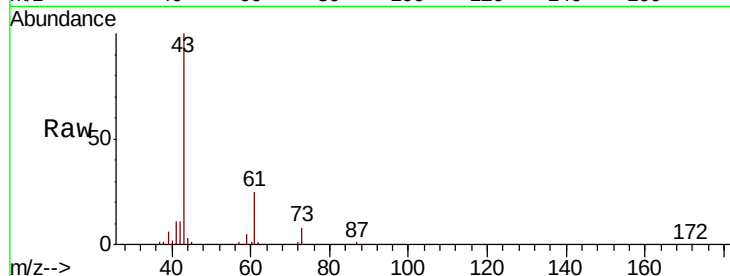
Tot Ion: 43 Resp: 469962

Ion Ratio Lower Upper

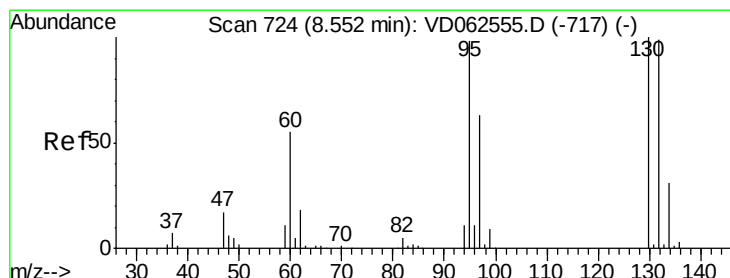
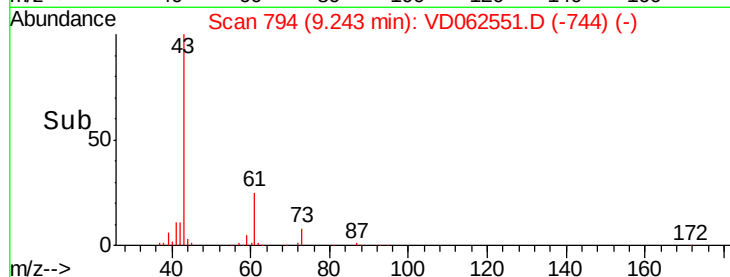
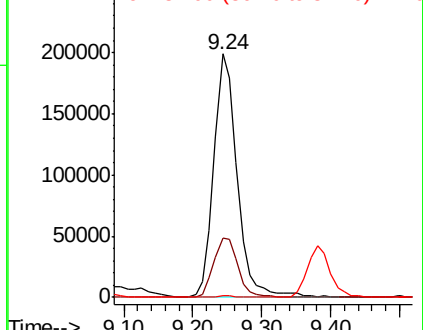
43 100

61 24.6 20.5 30.7

87 0.7 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: 71.180 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD062551.D

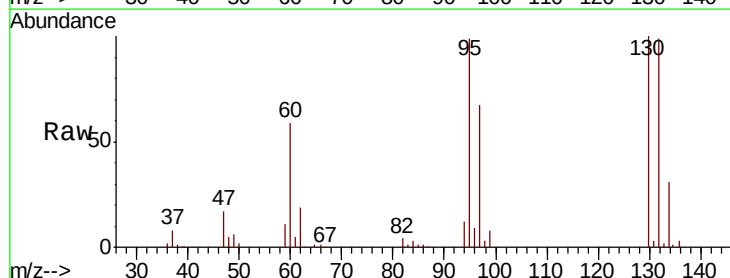
Acq: 30 May 2019 13:27

Tgt Ion: 130 Resp: 672828

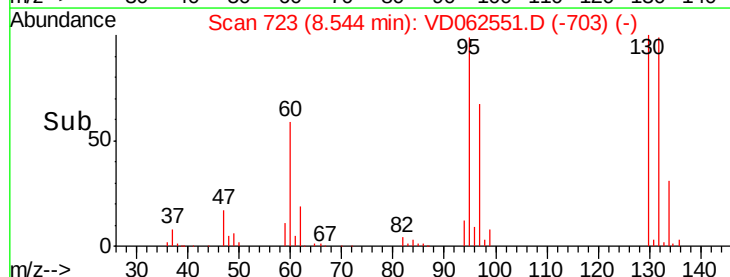
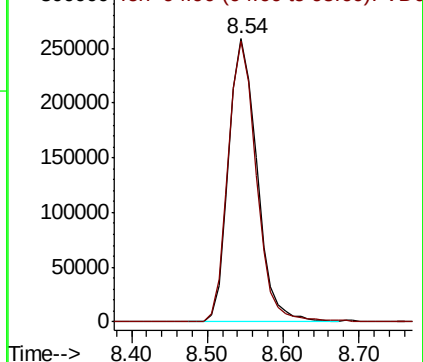
Ion Ratio Lower Upper

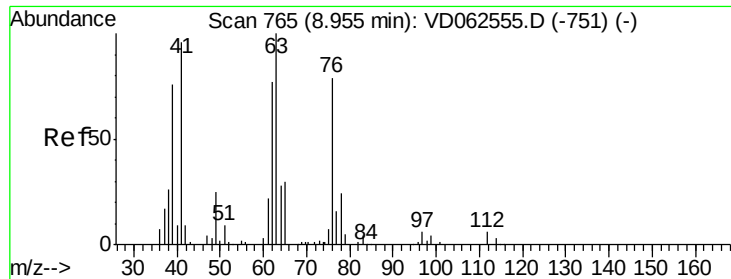
130 100

95 99.1 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: 70.904 ug/l

RT: 8.95 min Scan# 764

Delta R.T. -0.01 min

Lab File: VD062551.D

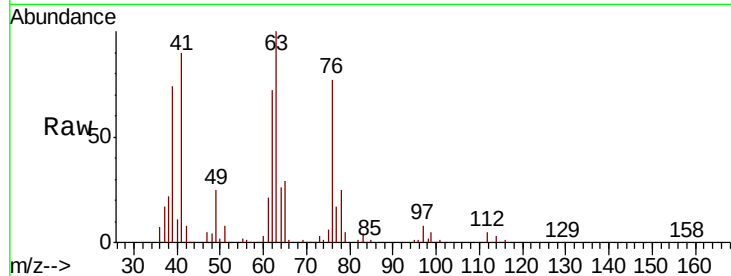
Acq: 30 May 2019 13:27

Tot Ion: 63 Resp: 411300

Ion Ratio Lower Upper

63 100

65 28.7 23.7 35.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.95

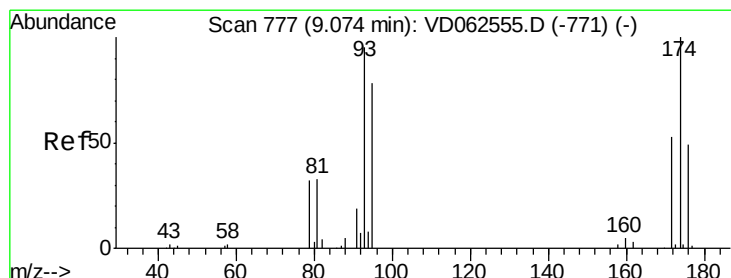
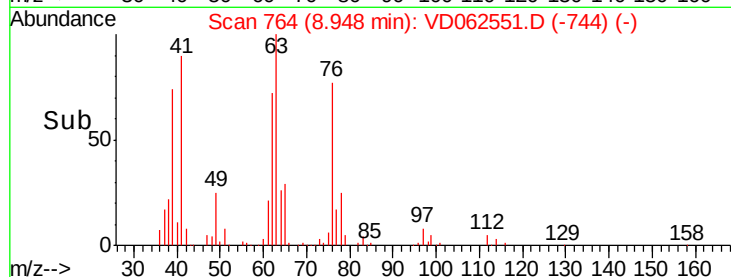
150000

100000

50000

0

Time--> 8.80 8.90 9.00 9.10



#46

Dibromomethane

Concen: 73.815 ug/l

RT: 9.07 min Scan# 776

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

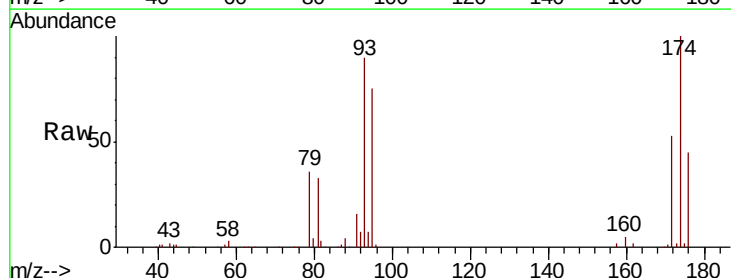
Tgt Ion: 93 Resp: 357154

Ion Ratio Lower Upper

93 100

95 83.2 66.1 99.1

174 110.5 84.2 126.4



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

200000

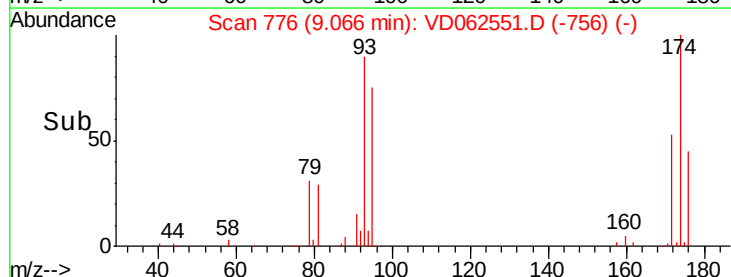
150000

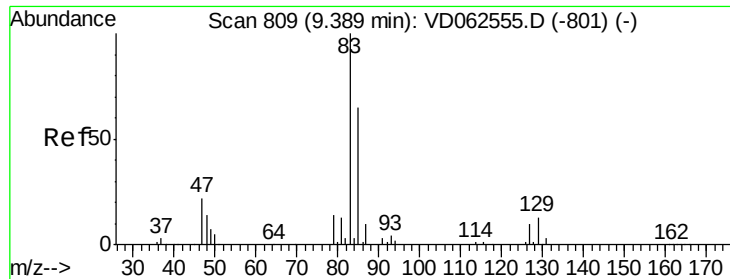
100000

50000

0

Time--> 8.90 9.00 9.10 9.20





#47

Bromodichloromethane

Concen: 75.081 ug/l

RT: 9.38 min Scan# 808

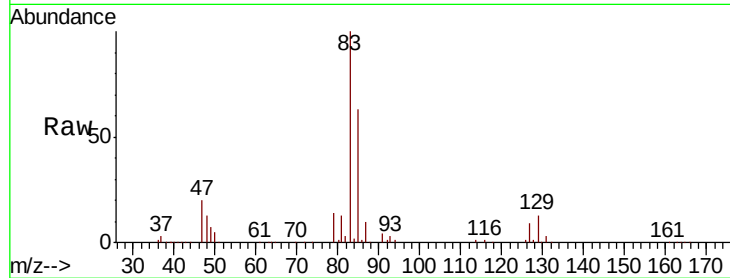
Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tot Ion: 83 Resp: 1009115

Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.8
127	8.7	7.8	11.6

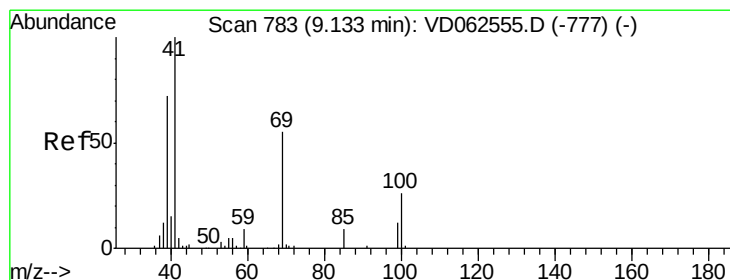
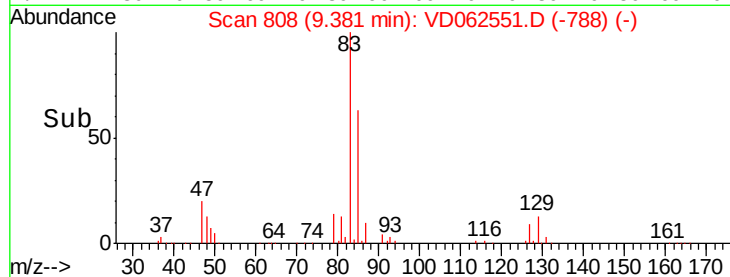
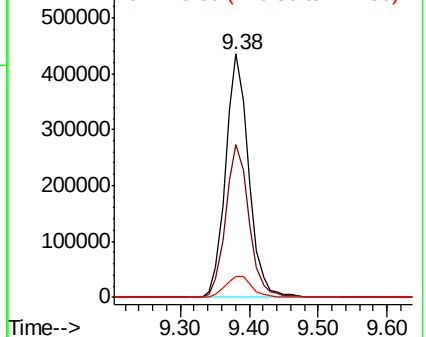


Abundance

Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 74.784 ug/l

RT: 9.13 min Scan# 782

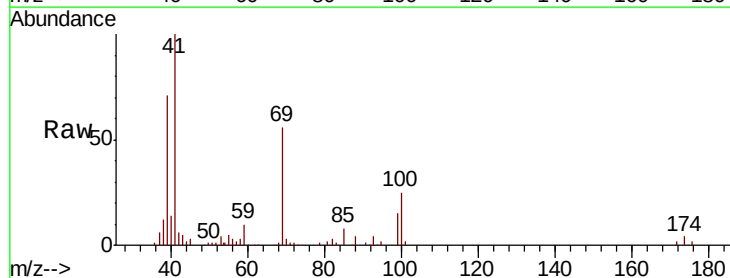
Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tgt Ion: 41 Resp: 327079

Ion	Ratio	Lower	Upper
41	100		
69	56.4	43.6	65.4
39	71.3	58.1	87.1

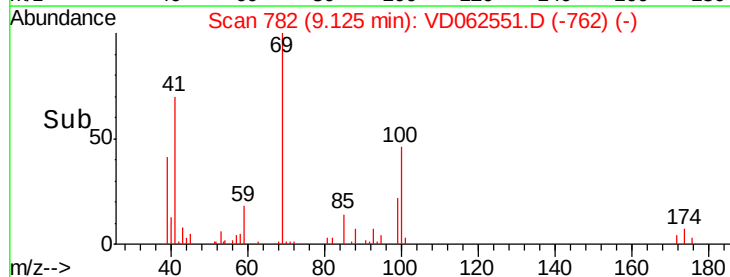
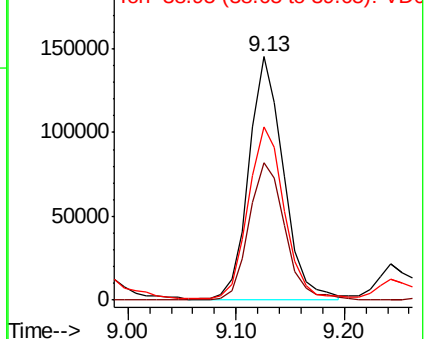


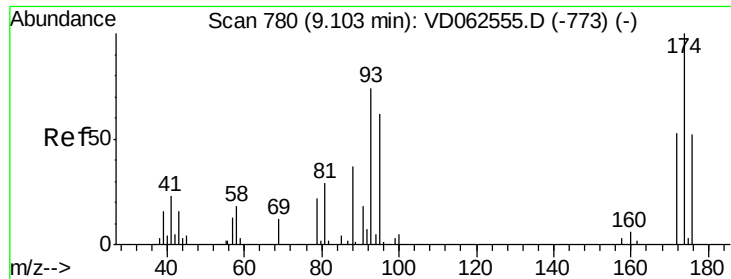
Abundance

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: 1597.349 ug/l

RT: 9.09 min Scan# 778

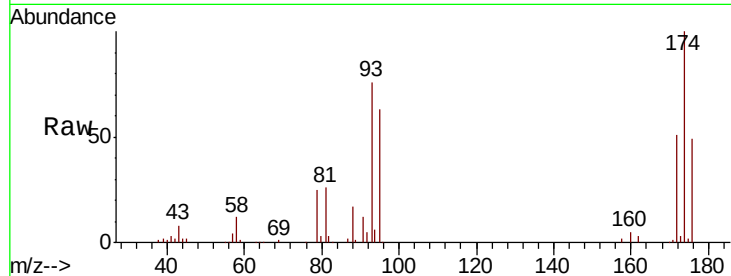
Delta R.T. -0.02 min

Lab File: VD062551.D

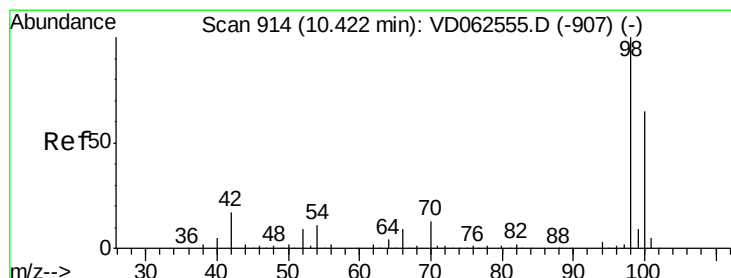
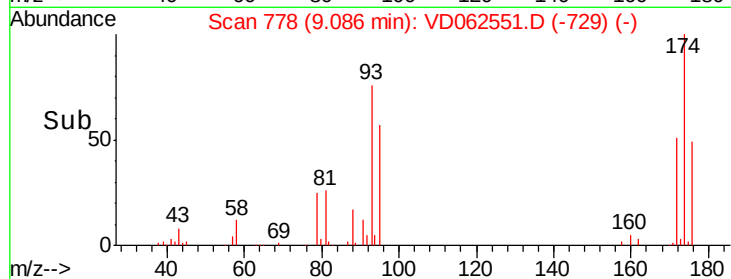
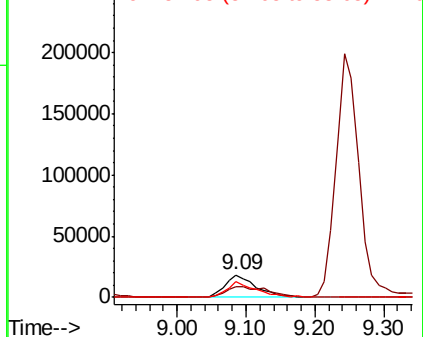
Acq: 30 May 2019 13:27

Tot Ion: 88 Resp: 56714

Ion	Ratio	Lower	Upper
88	100		
43	47.2	37.1	55.7
58	69.9	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: 70.927 ug/l

RT: 10.41 min Scan# 913

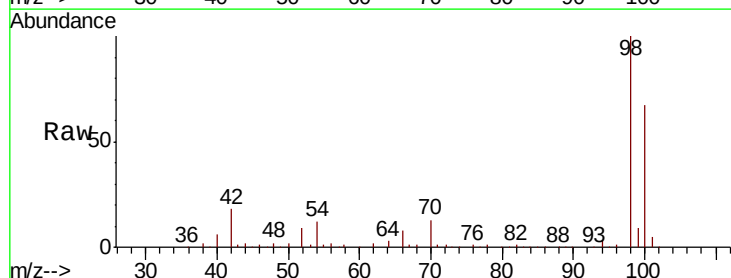
Delta R.T. -0.01 min

Lab File: VD062551.D

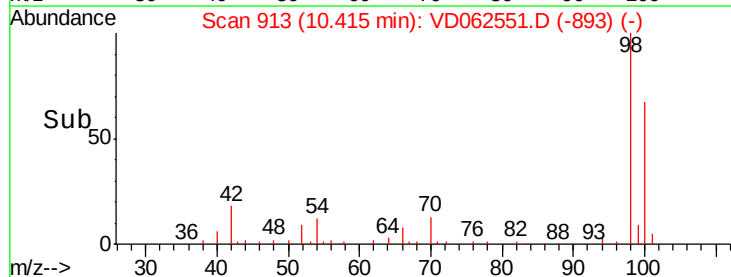
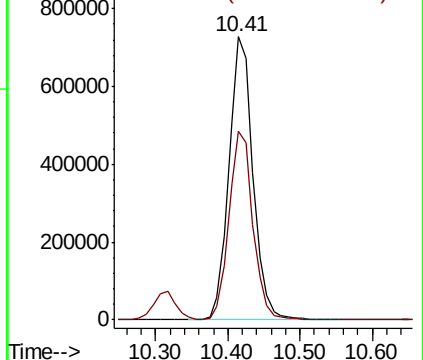
Acq: 30 May 2019 13:27

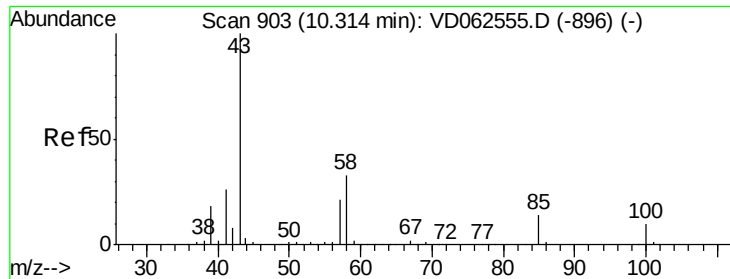
Tgt Ion: 98 Resp: 1683748

Ion	Ratio	Lower	Upper
98	100		
100	66.6	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: 339.677 ug/l

RT: 10.31 min Scan# 902

Delta R.T. -0.01 min

Lab File: VD062551.D

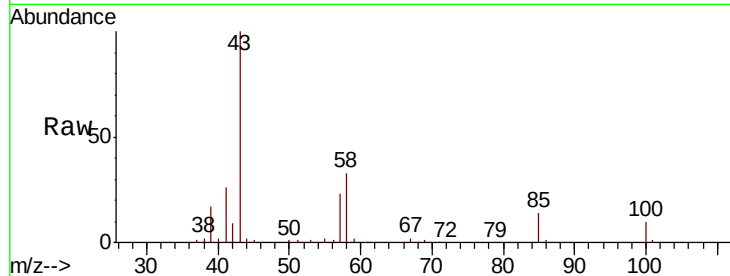
Acq: 30 May 2019 13:27

Tot Ion: 43 Resp: 1529531

Ion Ratio Lower Upper

43 100

58 33.4 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

600000

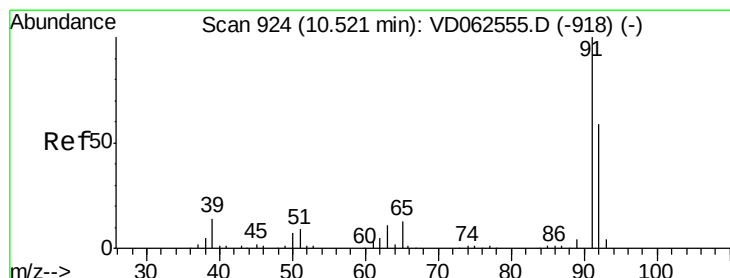
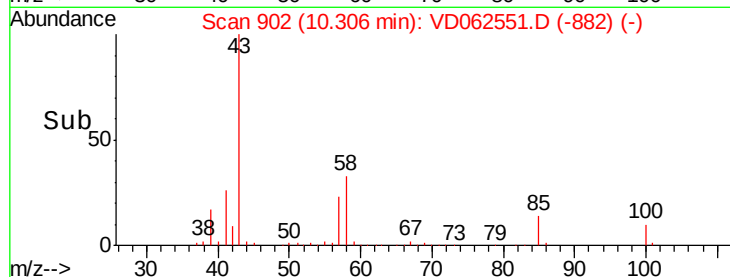
400000

200000

0

Time-->

10.20 10.30 10.40



#52

Toluene

Concen: 73.581 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: VD062551.D

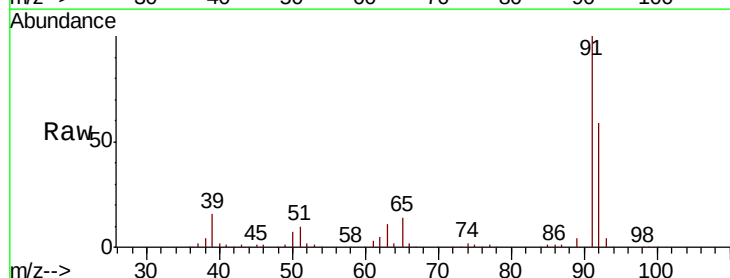
Acq: 30 May 2019 13:27

Tgt Ion: 92 Resp: 1182162

Ion Ratio Lower Upper

92 100

91 170.3 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.51

1000000

800000

600000

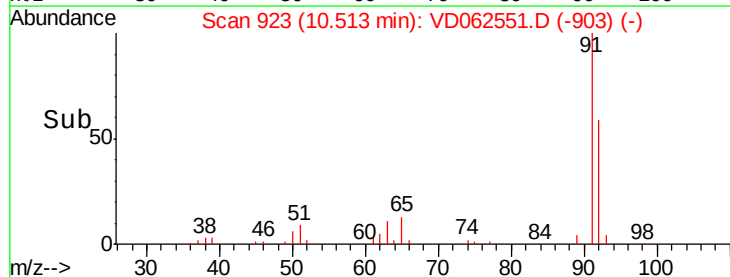
400000

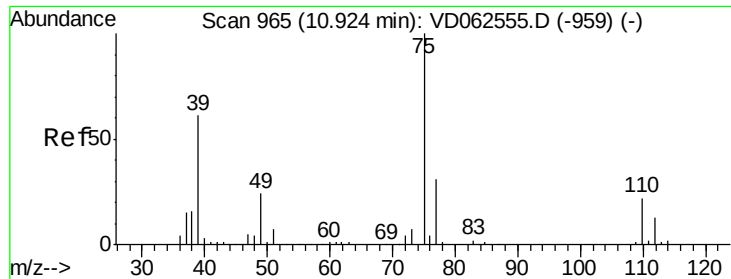
200000

0

Time-->

10.40 10.60





#53

t-1,3-Dichloropropene

Concen: 72.066 ug/l

RT: 10.92 min Scan# 964

Delta R.T. -0.01 min

Lab File: VD062551.D

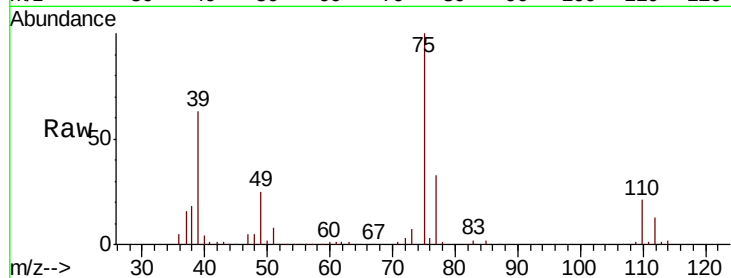
Acq: 30 May 2019 13:27

Tot Ion: 75 Resp: 828036

Ion Ratio Lower Upper

75 100

77 32.5 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.92

400000

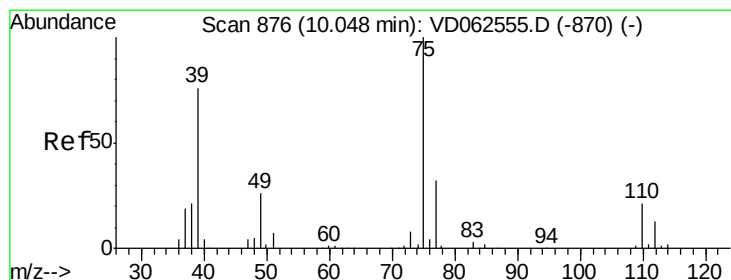
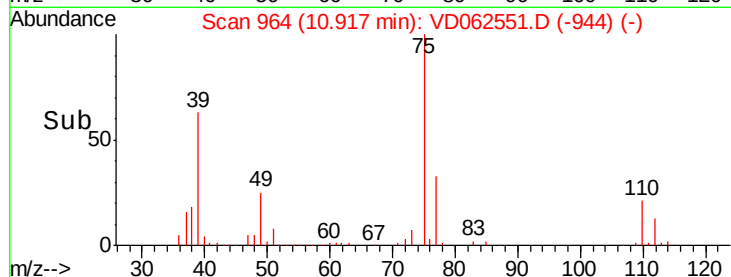
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 72.759 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.00 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

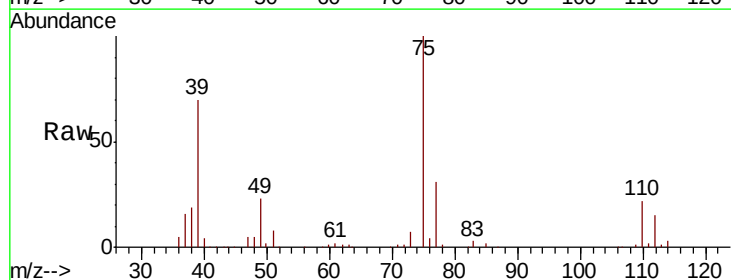
Tgt Ion: 75 Resp: 864160

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

39 70.4 61.0 91.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

10.05

500000

400000

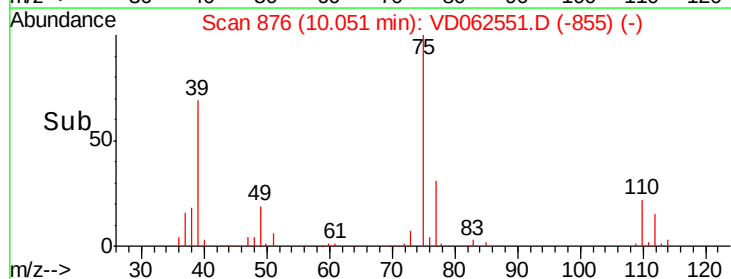
300000

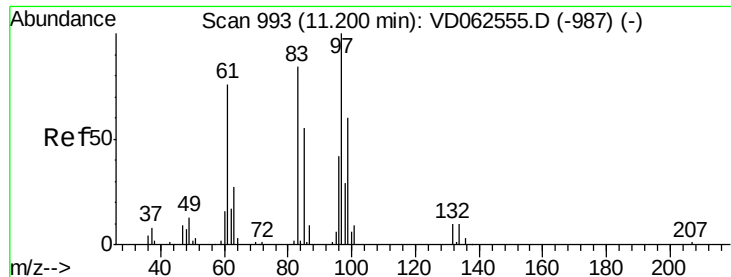
200000

100000

0

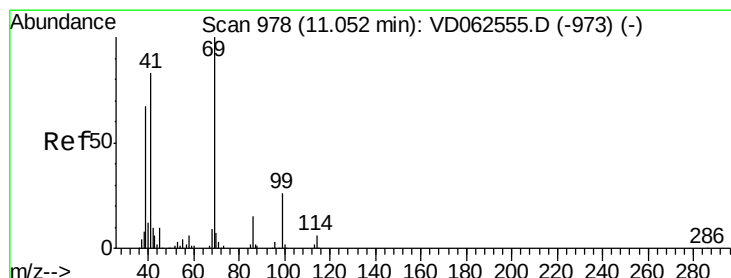
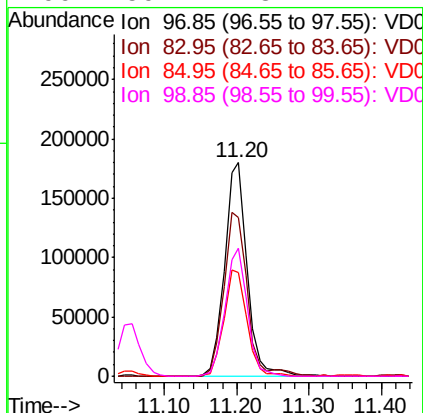
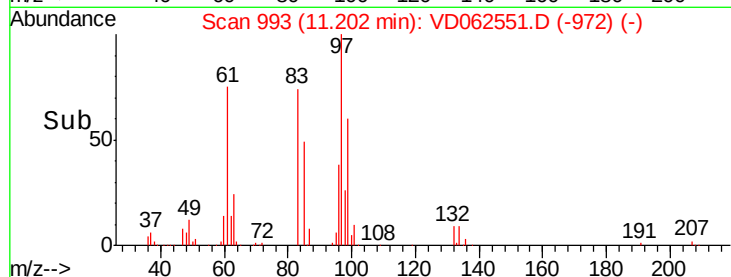
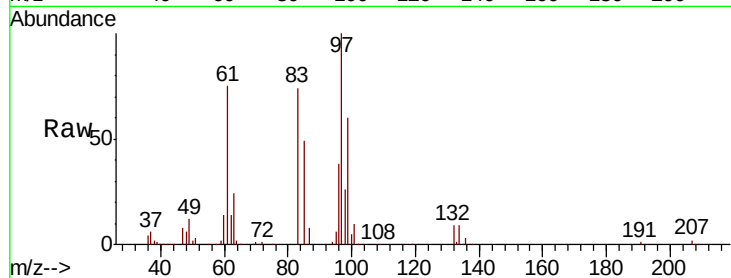
Time-->





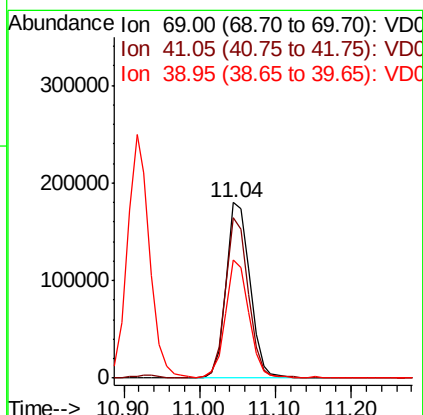
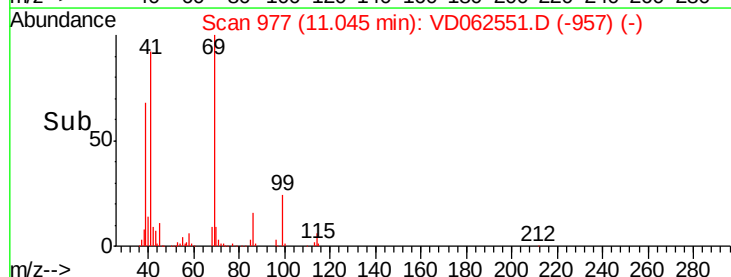
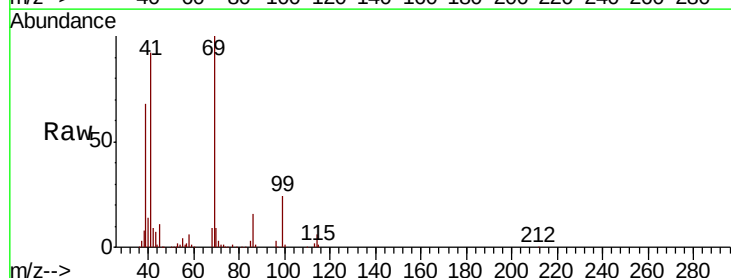
#55
 1,1,2-Trichloroethane
 Concen: 72.812 ug/l
 RT: 11.20 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

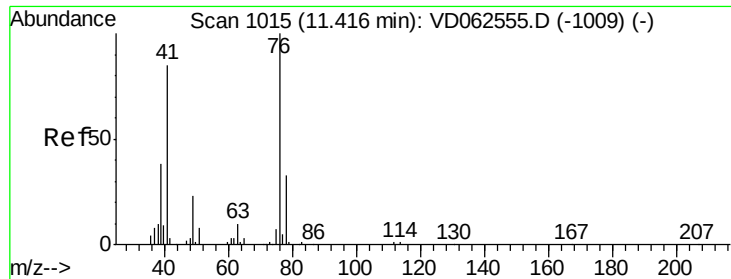
Tot Ion:	97	Resp:	388991
Ion	Ratio	Lower	Upper
97	100		
83	74.2	67.3	100.9
85	48.8	43.8	65.8
99	59.7	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 69.271 ug/l
 RT: 11.04 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

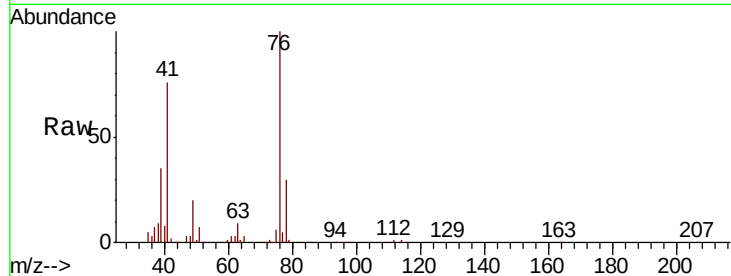
Tgt Ion:	69	Resp:	391415
Ion	Ratio	Lower	Upper
69	100		
41	91.7	66.1	99.1
39	67.5	54.2	81.2



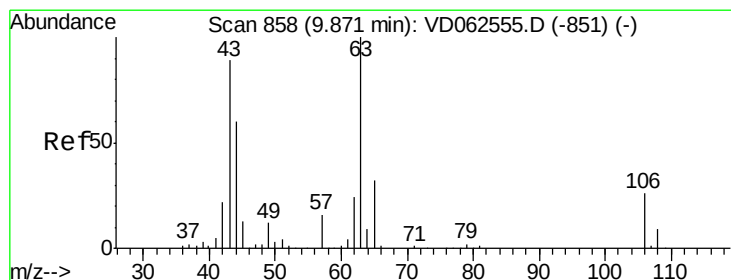
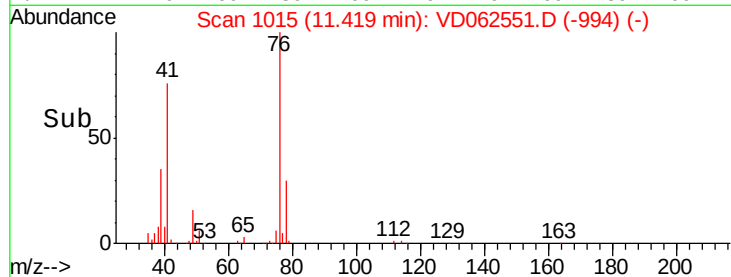
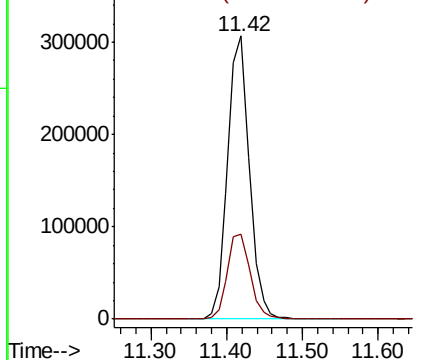


#57
 1,3-Dichloropropane
 Concen: 75.339 ug/l
 RT: 11.42 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tot Ion: 76 Resp: 609613
 Ion Ratio Lower Upper
 76 100
 78 30.2 26.7 40.1

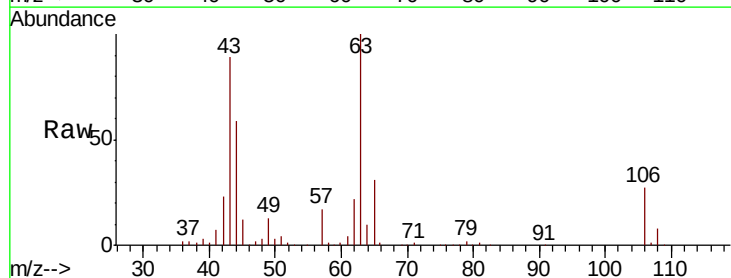


Abundance Ion 75.95 (75.65 to 76.65): VDC
 Ion 77.95 (77.65 to 78.65): VDC

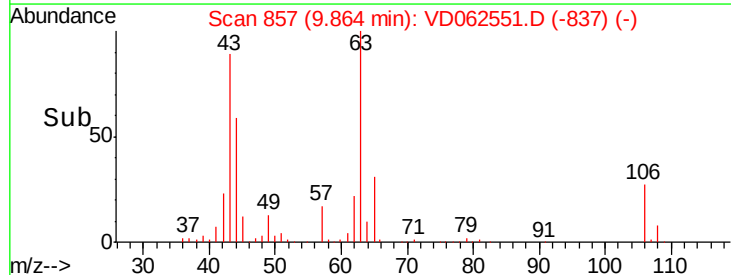
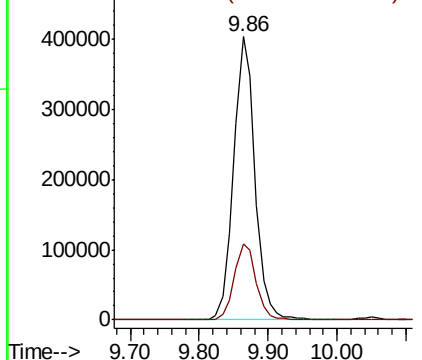


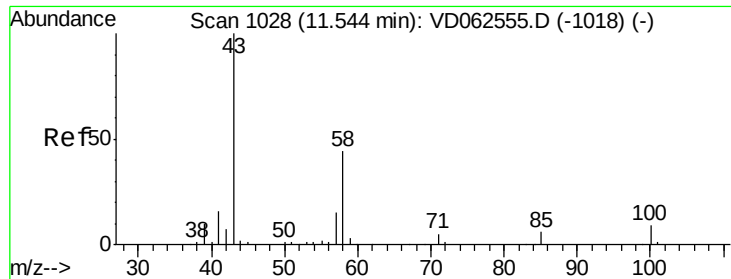
#58
 2-Chloroethyl Vinyl ether
 Concen: 294.956 ug/l
 RT: 9.86 min Scan# 857
 Delta R.T. -0.01 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tgt Ion: 63 Resp: 863830
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.0 31.4



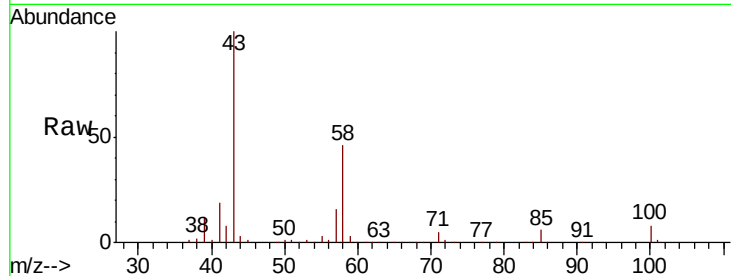
Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 105.95 (105.65 to 106.65): V



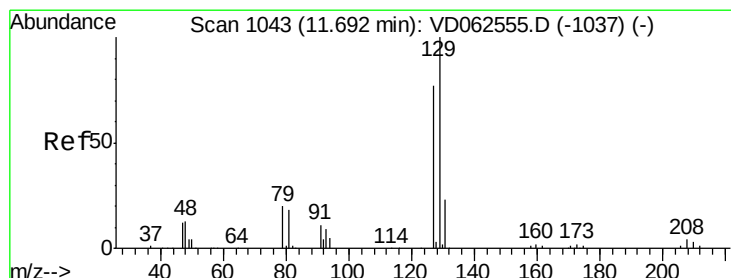
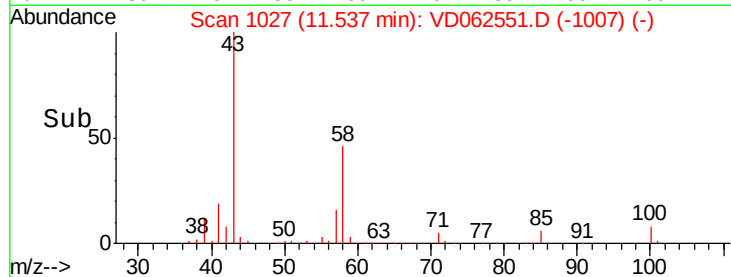
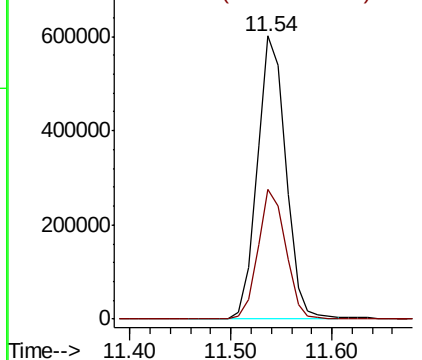


#59
2-Hexanone
Concen: 375.899 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 43 Resp: 1182621
Ion Ratio Lower Upper
43 100
58 46.0 22.0 66.0

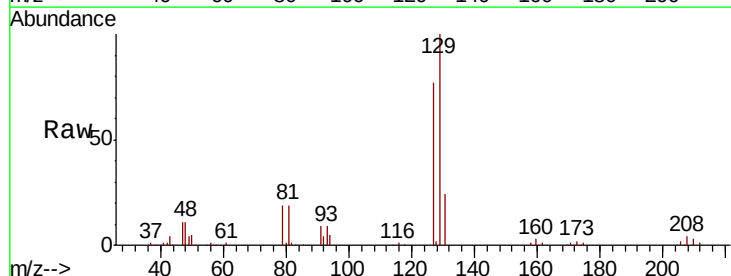


Abundance Ion 42.95 (42.65 to 43.65): VD062551.D (-1018) (-)
Ion 57.95 (57.65 to 58.65): VD062551.D (-1018) (-)

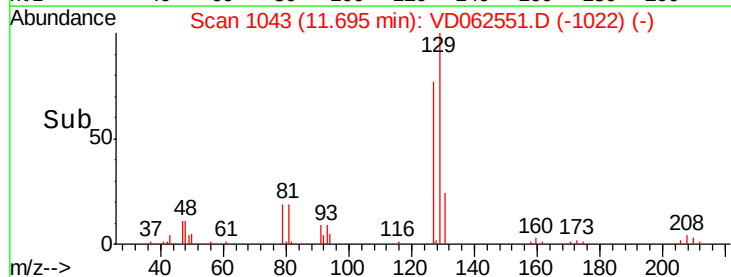
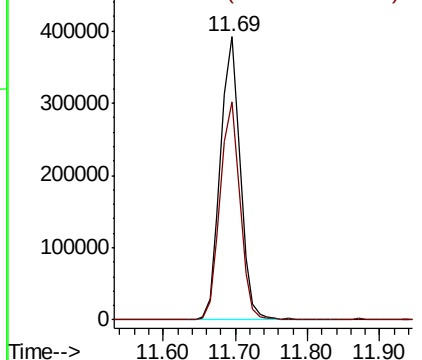


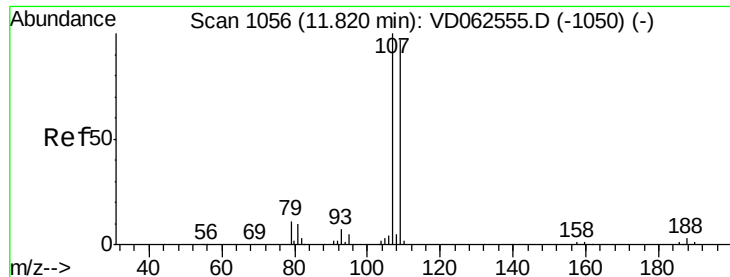
#60
Dibromochloromethane
Concen: 72.090 ug/l
RT: 11.69 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 129 Resp: 747141
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): VD062551.D (-1037) (-)
Ion 126.80 (126.50 to 127.50): VD062551.D (-1037) (-)





#61

1,2-Dibromoethane

Concen: 75.280 ug/l

RT: 11.81 min Scan# 1055

Delta R.T. -0.01 min

Lab File: VD062551.D

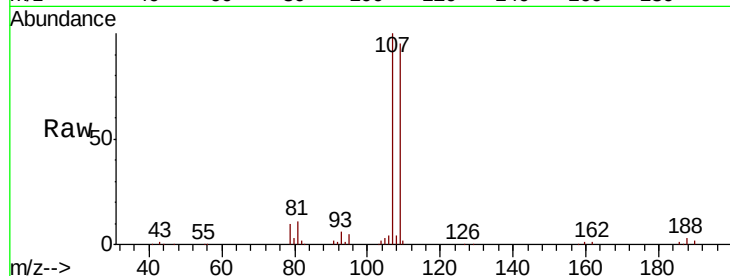
Acq: 30 May 2019 13:27

Tot Ion: 107 Resp: 475903

Ion Ratio Lower Upper

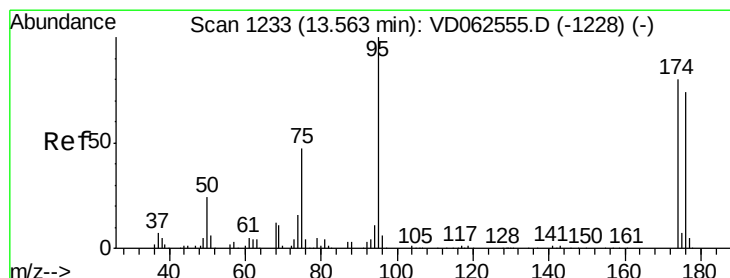
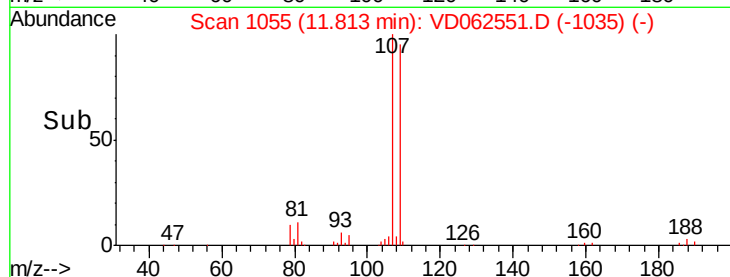
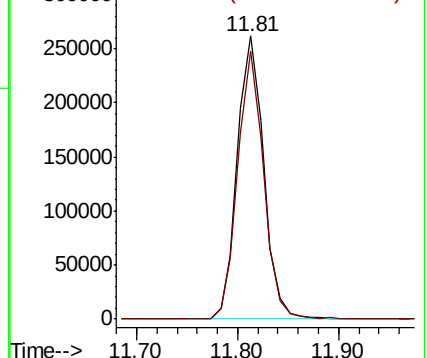
107 100

109 94.7 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 72.923 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

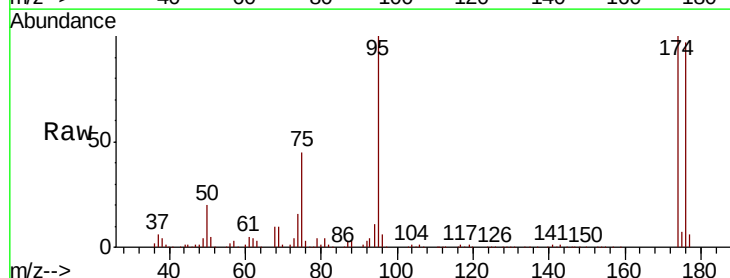
Tgt Ion: 95 Resp: 776153

Ion Ratio Lower Upper

95 100

174 100.2 0.0 160.2

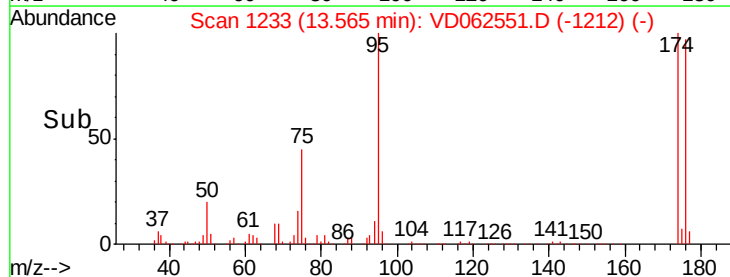
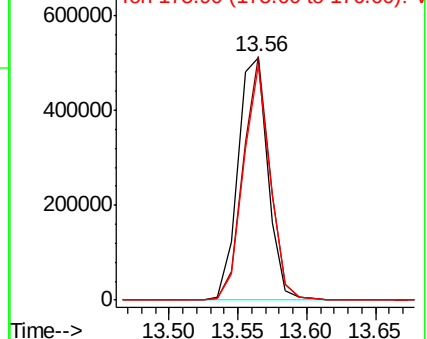
176 96.8 0.0 148.0

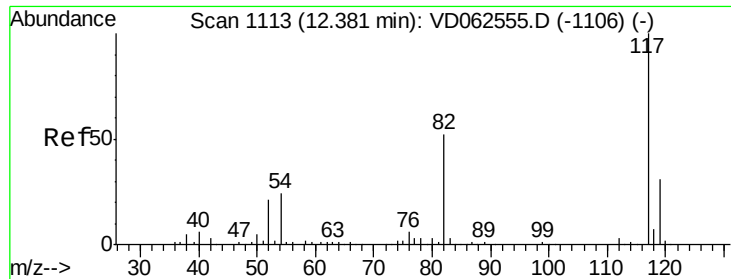


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

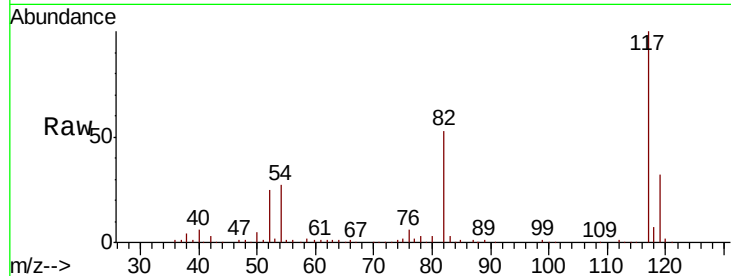
Tot Ion:117 Resp: 1039065

Ion Ratio Lower Upper

117 100

82 52.5 41.4 62.2

119 31.6 24.9 37.3

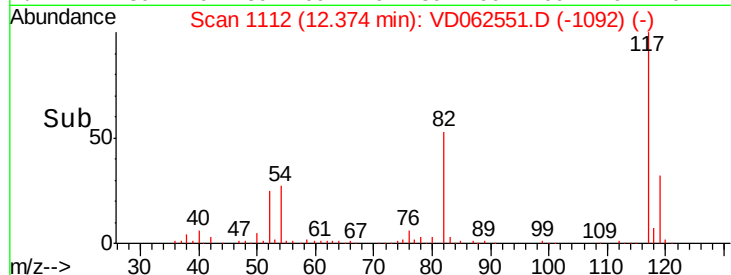


Abundance Ion 116.95 (116.65 to 117.65): V

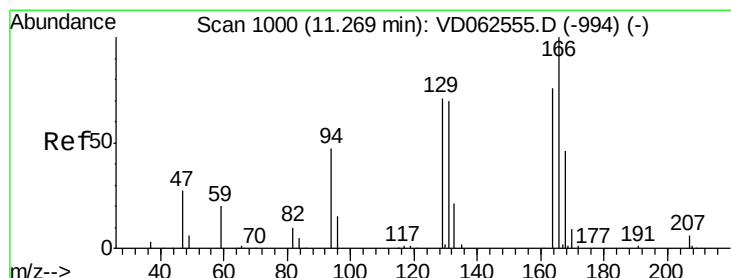
Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 67.704 ug/l

RT: 11.26 min Scan# 999

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tgt Ion:164 Resp: 636677

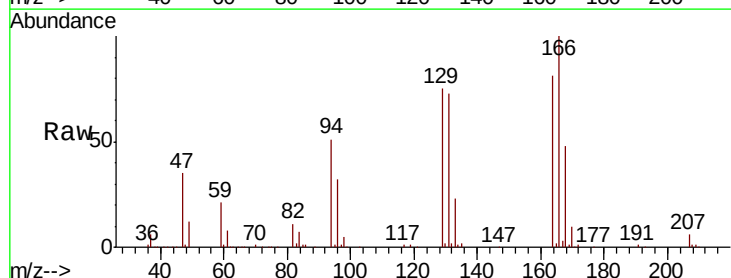
Ion Ratio Lower Upper

164 100

166 123.4 105.3 157.9

129 92.2 75.3 112.9

131 89.8 73.3 109.9



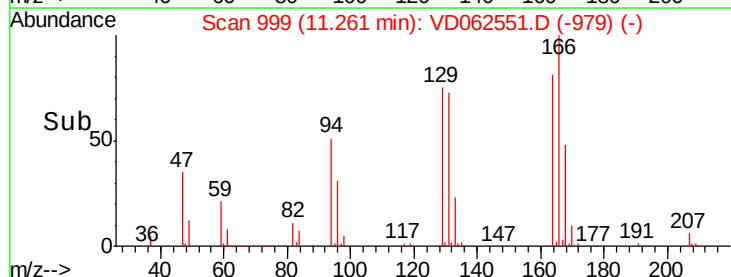
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

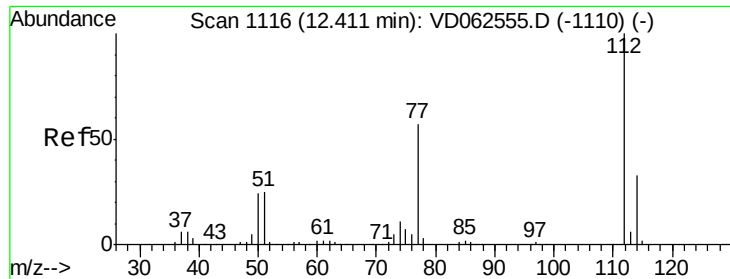
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

Time-->

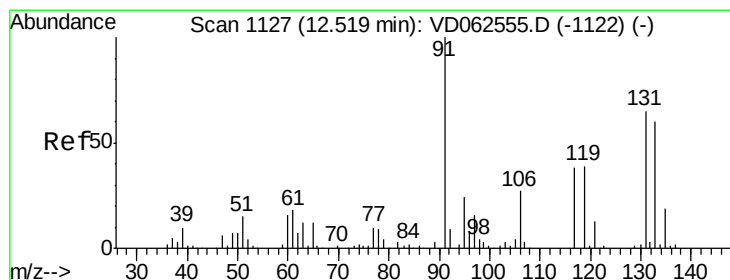
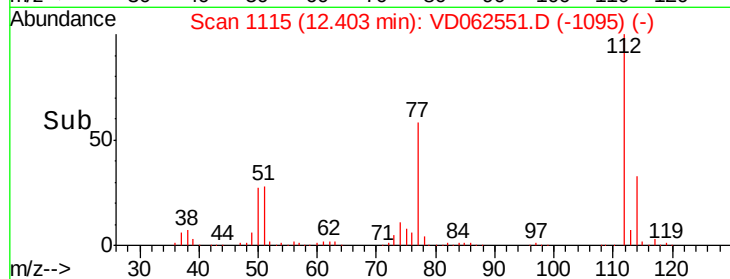
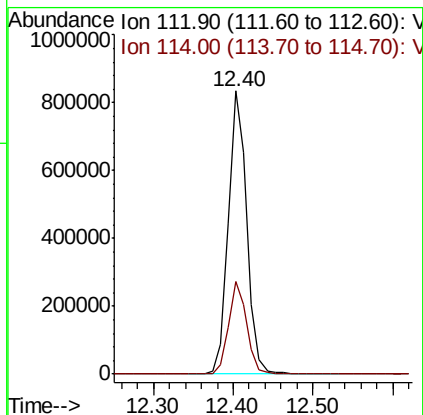
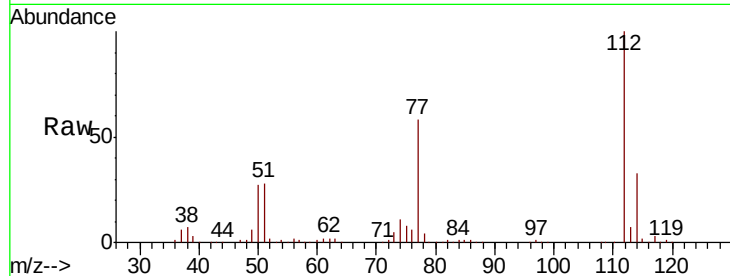


Time-->



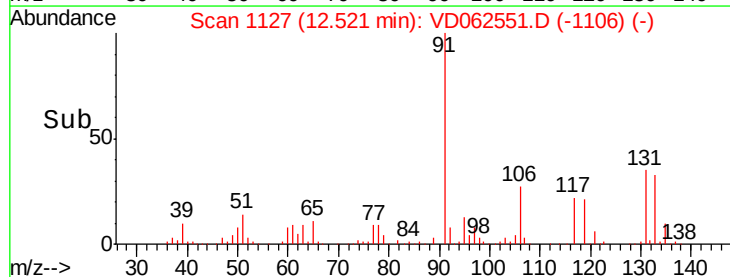
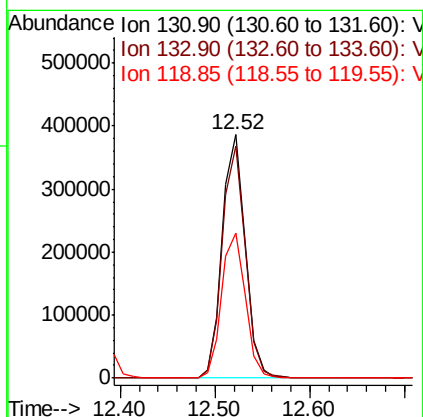
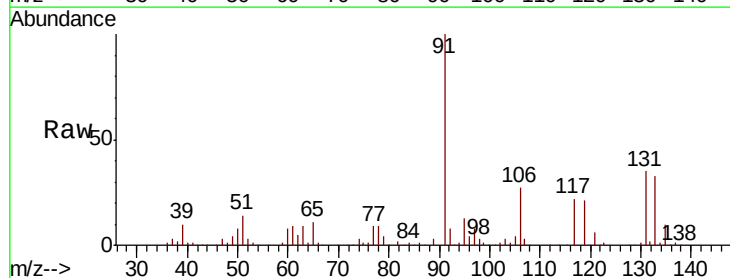
#65
Chlorobenzene
Concen: 64.952 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

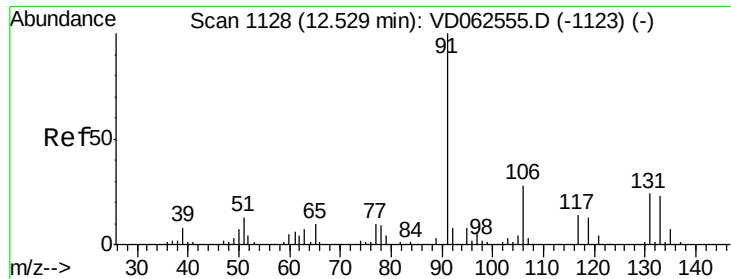
Tot Ion:112 Resp: 1364703
Ion Ratio Lower Upper
112 100
114 32.6 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 66.706 ug/l
RT: 12.52 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

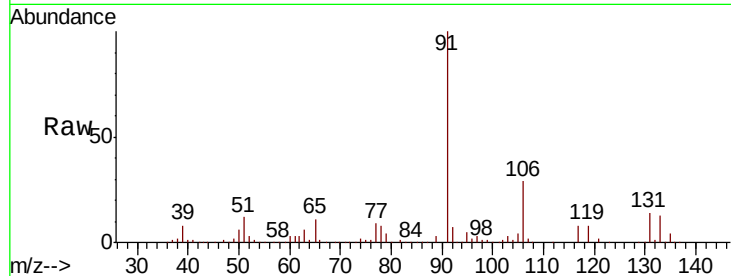
Tgt Ion:131 Resp: 654997
Ion Ratio Lower Upper
131 100
133 95.4 46.2 138.6
119 59.7 29.5 88.6



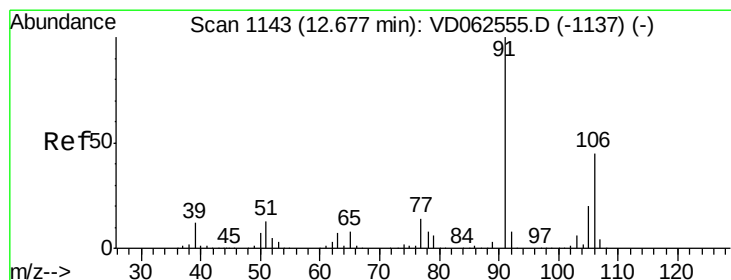
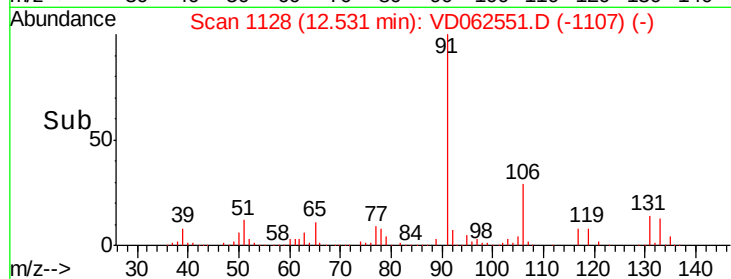
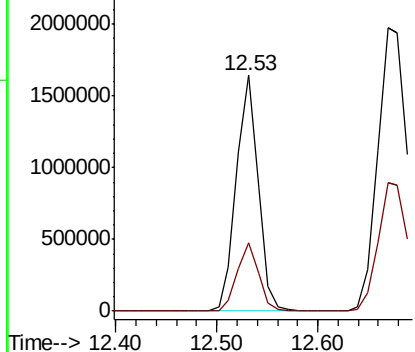


#67
Ethyl Benzene
Concen: 65.382 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 91 Resp: 2475234
Ion Ratio Lower Upper
91 100
106 29.2 22.2 33.2

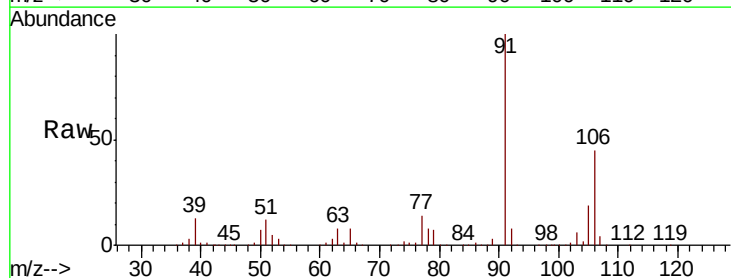


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

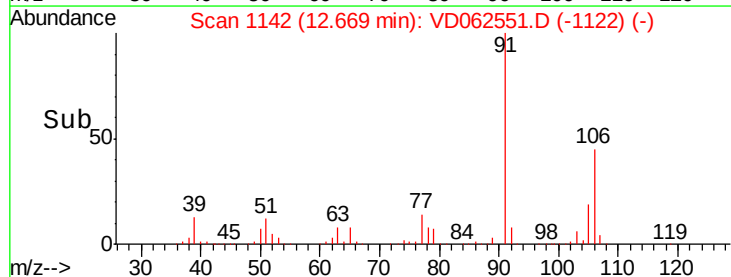
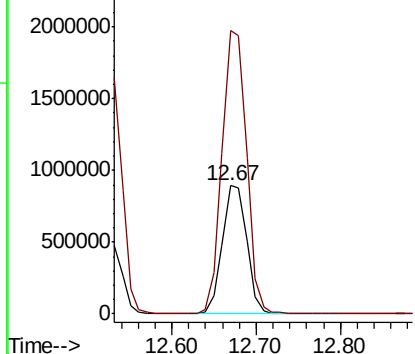


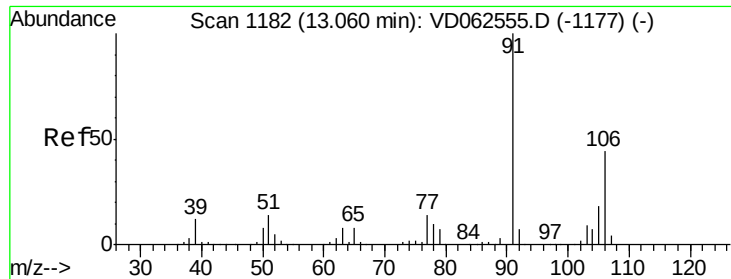
#68
m/p-Xylenes
Concen: 139.872 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 106 Resp: 1798316
Ion Ratio Lower Upper
106 100
91 220.9 178.9 268.3



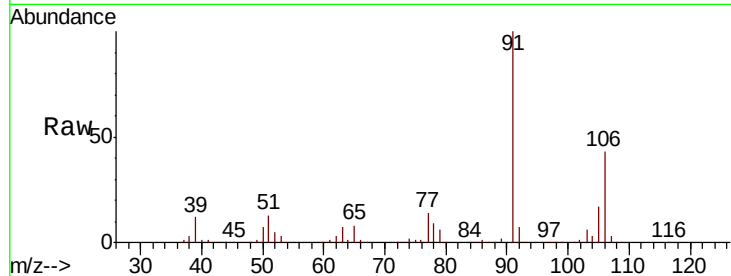
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



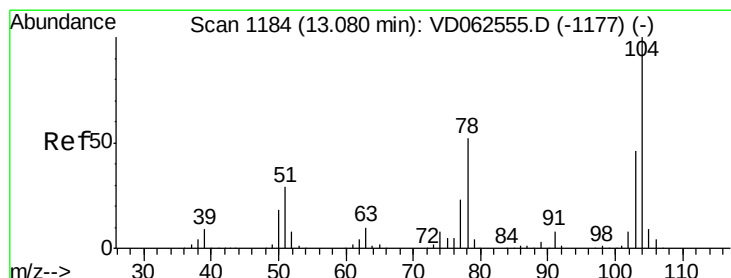
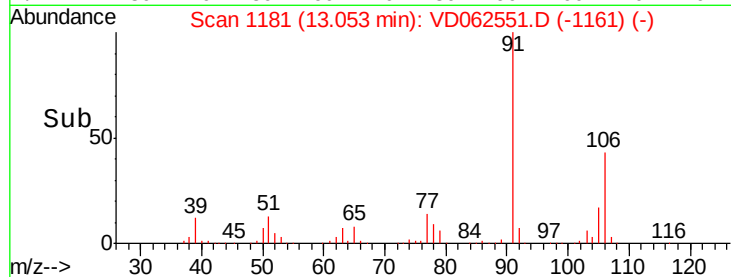
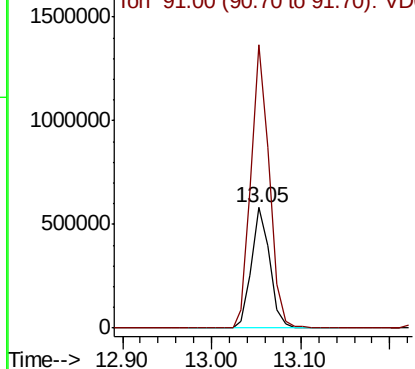


#69
o-Xylene
Concen: 66.011 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion:106 Resp: 822399
Ion Ratio Lower Upper
106 100
91 234.7 113.9 341.8

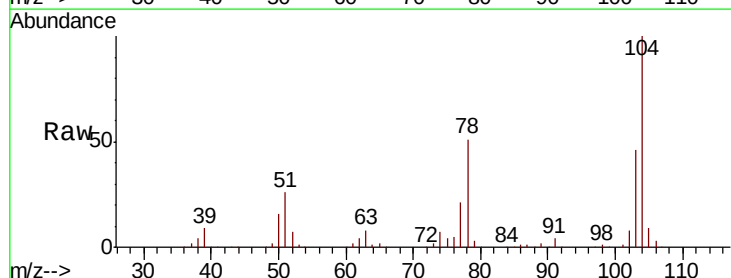


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

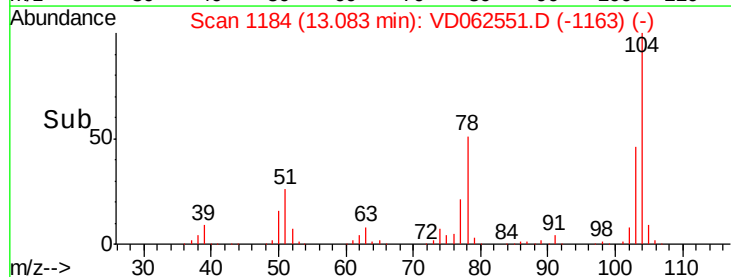
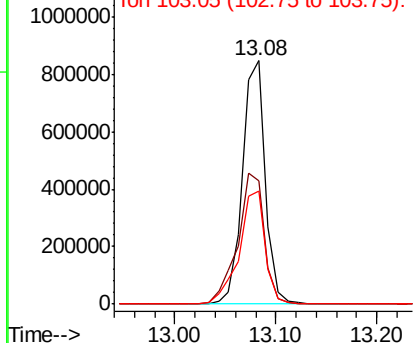


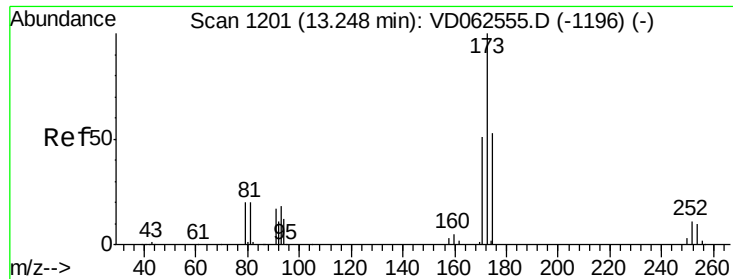
#70
Styrene
Concen: 63.271 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. 0.00 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion:104 Resp: 1332594
Ion Ratio Lower Upper
104 100
78 50.5 41.5 62.3
103 46.4 36.6 55.0



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





#71

Bromoform

Concen: 67.529 ug/l

RT: 13.24 min Scan# 1200

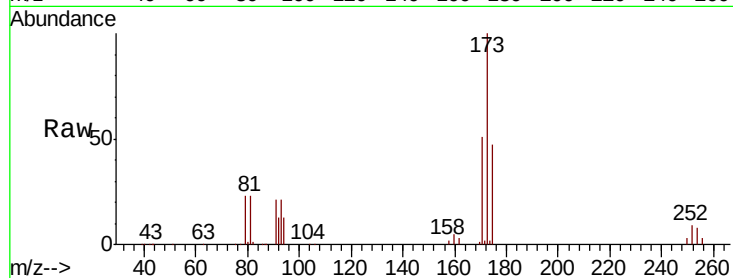
Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tot Ion:173 Resp: 461639

Ion	Ratio	Lower	Upper
173	100		
175	46.7	26.6	79.7
254	8.0	8.1	12.1

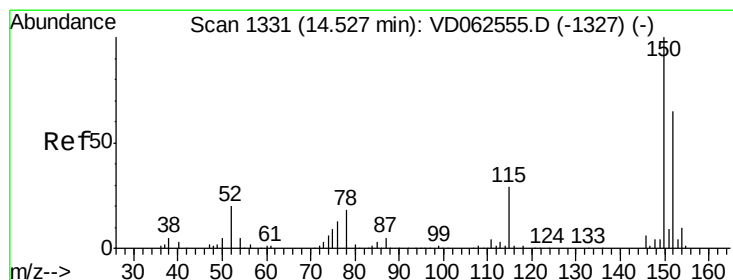
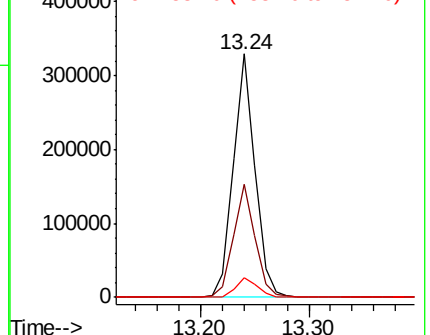
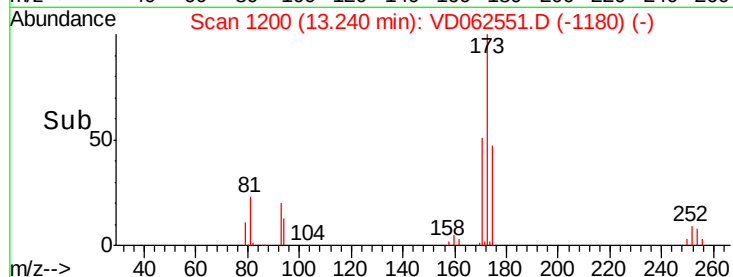


Abundance

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

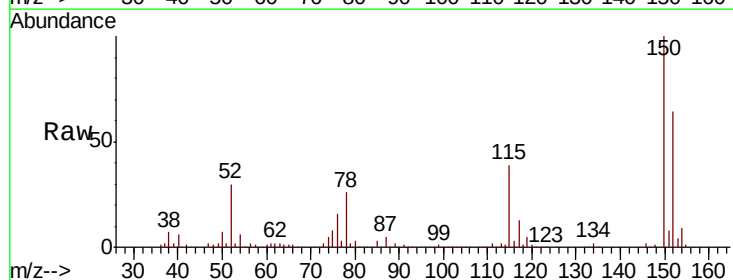
Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

Tgt Ion:152 Resp: 581079

Ion	Ratio	Lower	Upper
152	100		
115	60.9	28.4	85.3
150	156.9	0.0	310.4

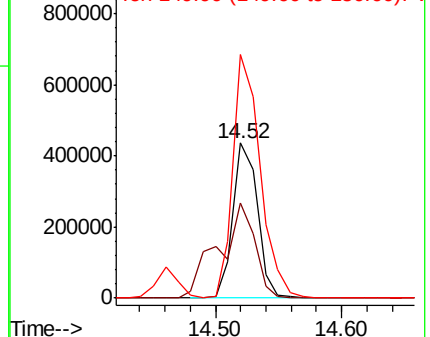
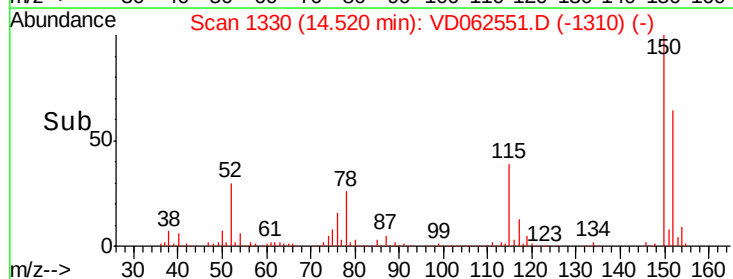


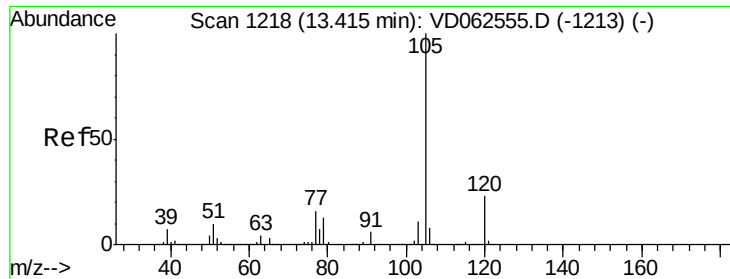
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

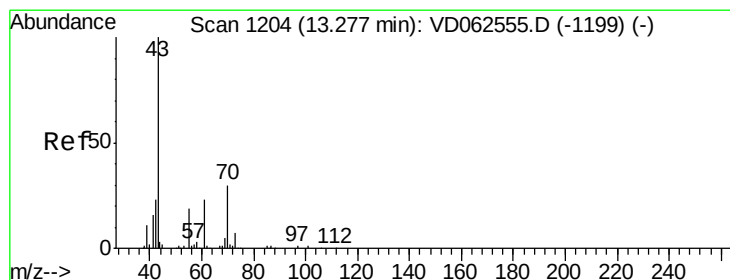
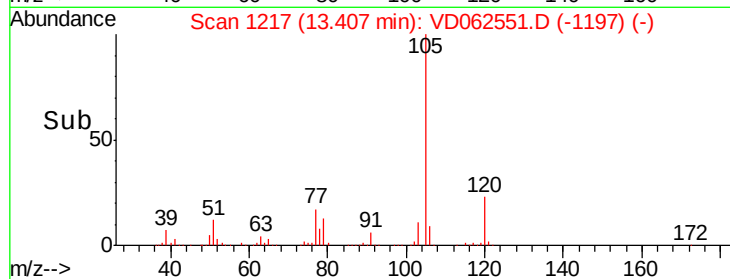
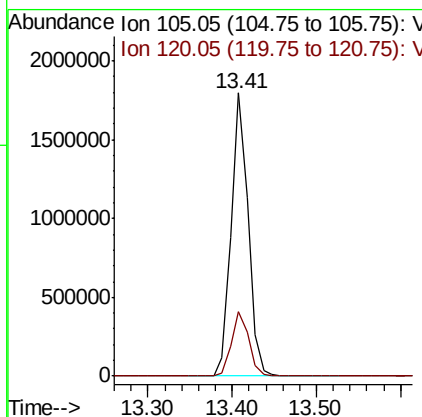
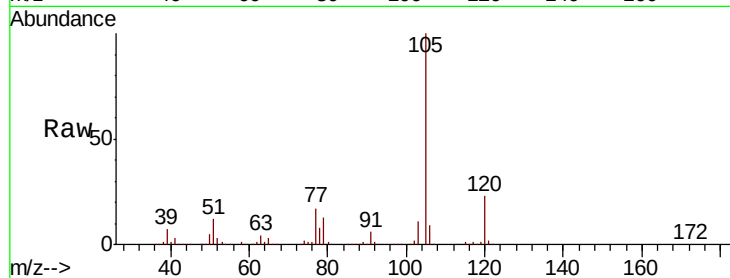
Ion 149.90 (149.60 to 150.60): V





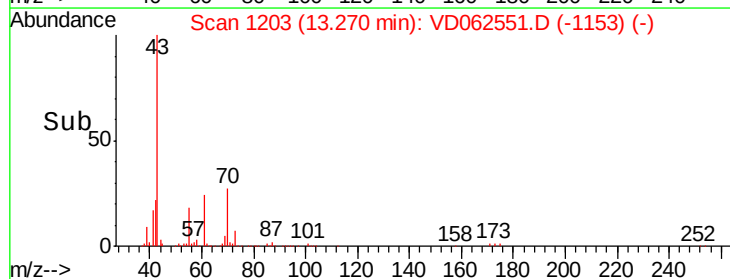
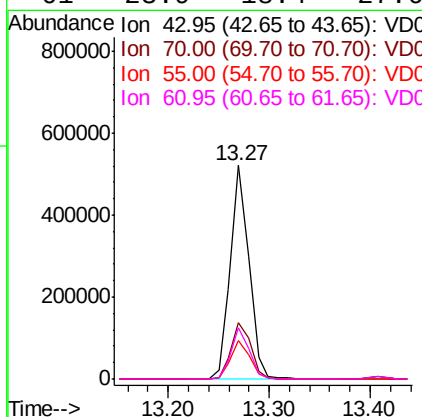
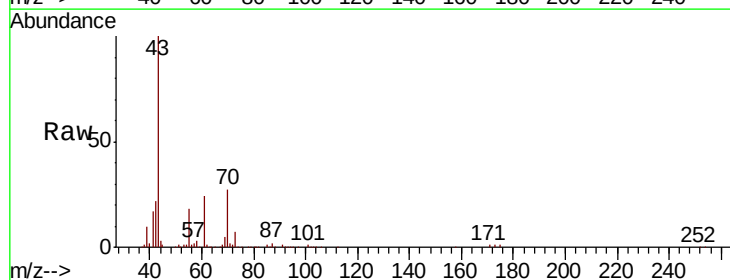
#73
Isopropylbenzene
Concen: 65.048 ug/l
RT: 13.41 min Scan# 1217
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

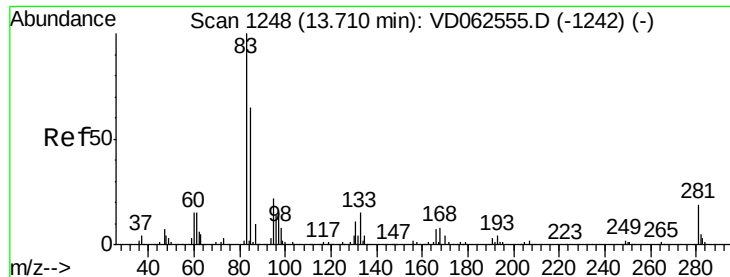
Tot Ion:105 Resp: 2513108
Ion Ratio Lower Upper
105 100
120 22.9 11.6 34.8



#74
N-ethyl acetate
Concen: 67.241 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 43 Resp: 667444
Ion Ratio Lower Upper
43 100
70 26.6 23.7 35.5
55 18.0 15.0 22.4
61 23.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 63.376 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

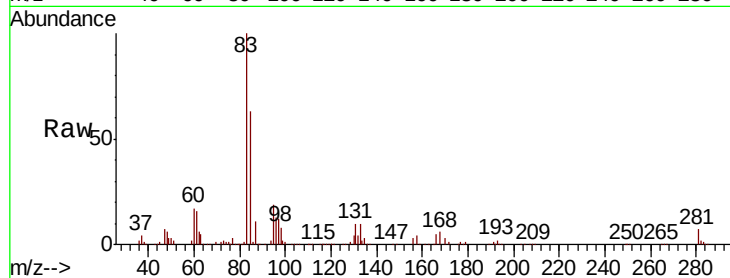
Tot Ion: 83 Resp: 401268

Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.7	17.1
85	63.3	32.6	97.8

83 100

131 10.1 5.7 17.1

85 63.3 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

400000

300000

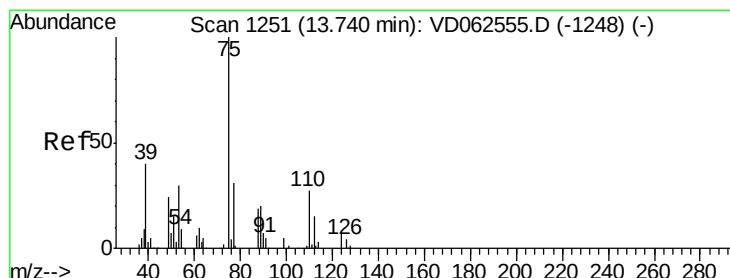
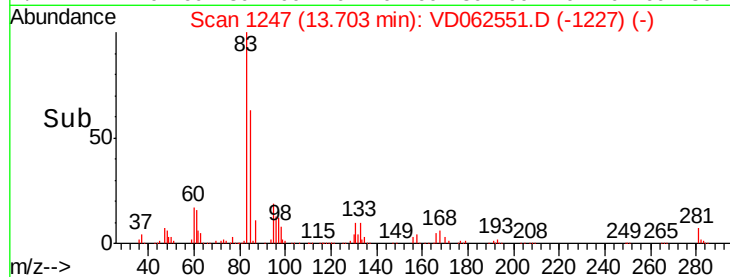
200000

100000

0

13.60 13.70 13.80

Time-->



#76

1,2,3-Trichloropropane

Concen: 67.591 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VD062551.D

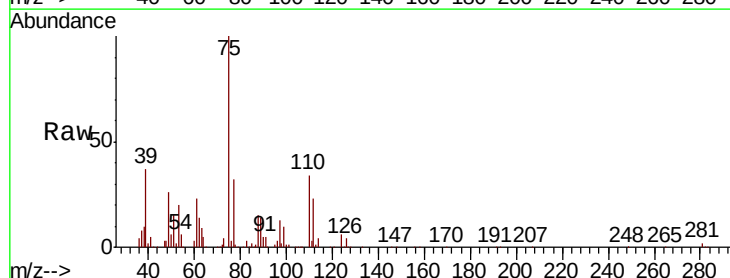
Acq: 30 May 2019 13:27

Tgt Ion: 75 Resp: 495912

Ion	Ratio	Lower	Upper
75	100		
77	32.2	16.5	49.5

75 100

77 32.2 16.5 49.5



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

800000

600000

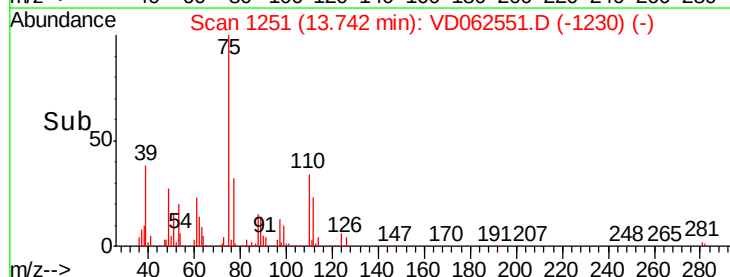
400000

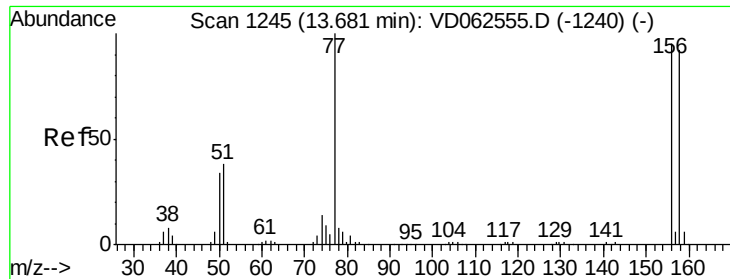
200000

0

13.65 13.70 13.75 13.80

Time-->





#77

Bromobenzene

Concen: 63.580 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

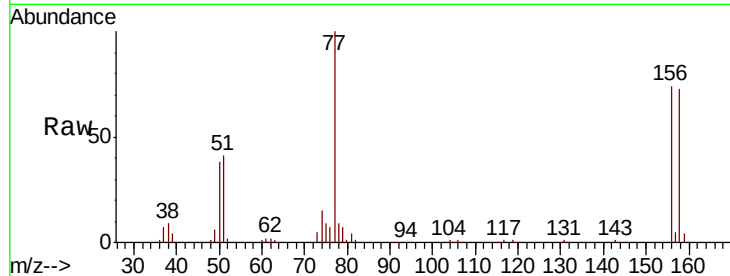
Tot Ion:156 Resp: 687627

Ion	Ratio	Lower	Upper
156	100		
77	135.7	52.9	158.7
158	99.4	48.5	145.5

156 100

77 135.7 52.9 158.7

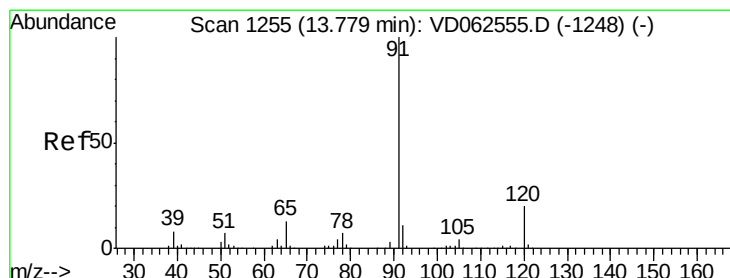
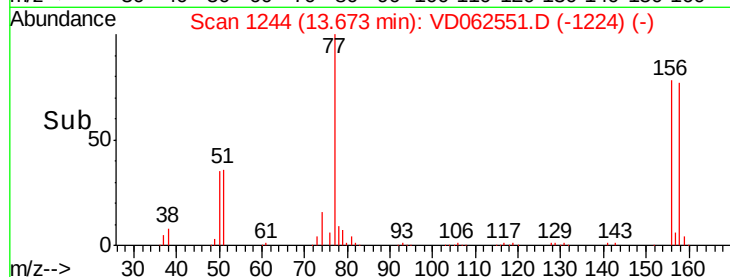
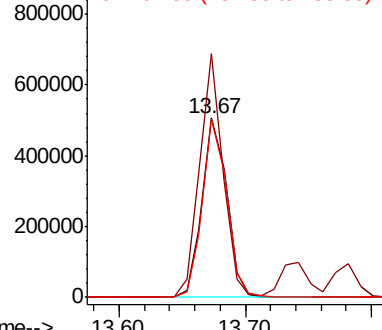
158 99.4 48.5 145.5



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: 66.151 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VD062551.D

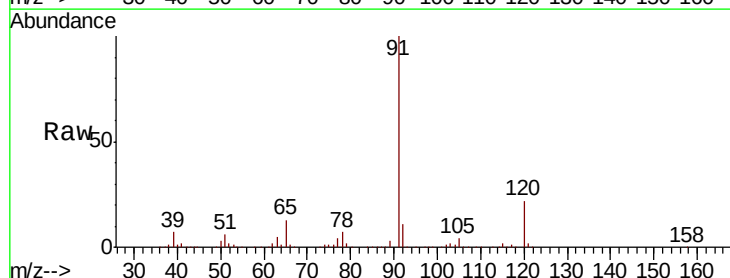
Acq: 30 May 2019 13:27

Tgt Ion: 91 Resp: 2978306

Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.0	29.8

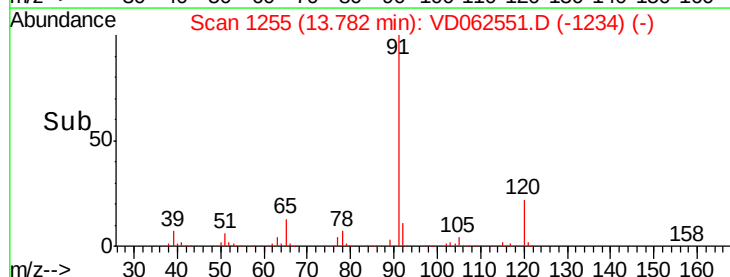
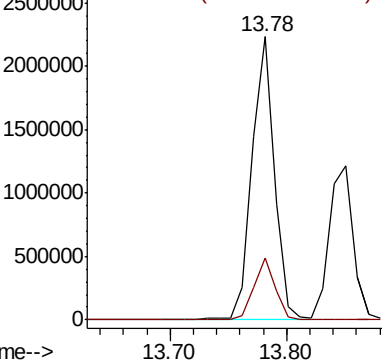
91 100

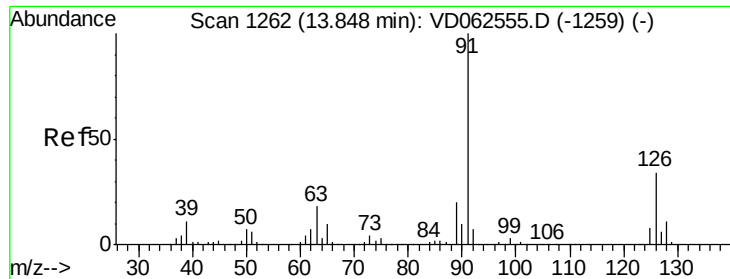
120 21.7 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 65.203 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VD062551.D

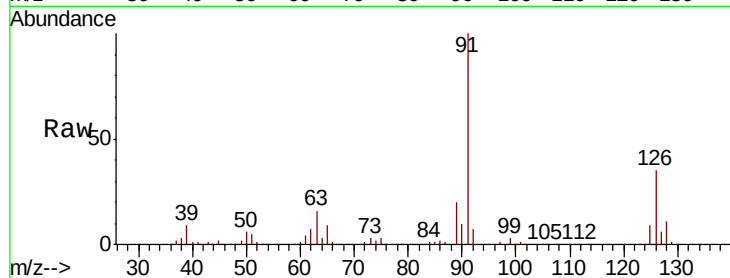
Acq: 30 May 2019 13:27

Tot Ion: 91 Resp: 1718629

Ion Ratio Lower Upper

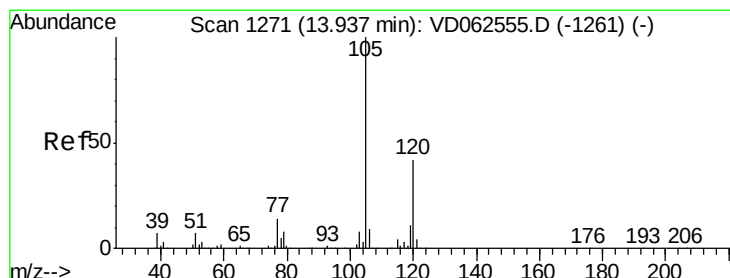
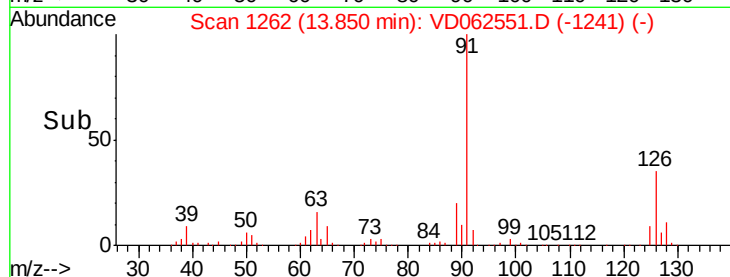
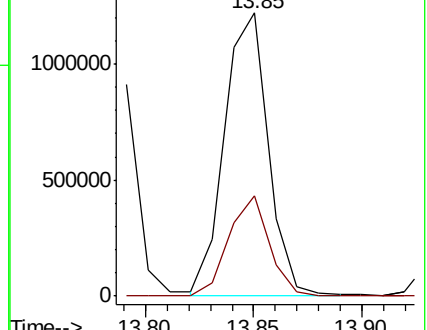
91 100

126 35.4 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 65.385 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VD062551.D

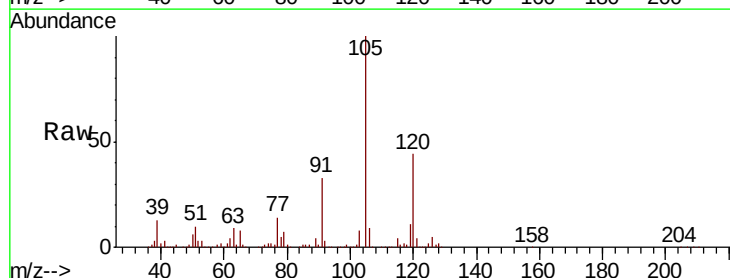
Acq: 30 May 2019 13:27

Tgt Ion: 105 Resp: 2191196

Ion Ratio Lower Upper

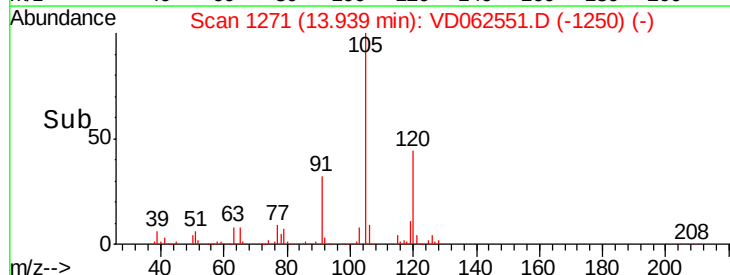
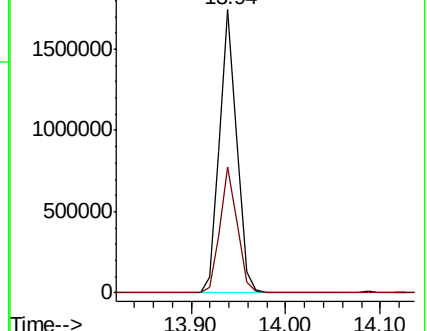
105 100

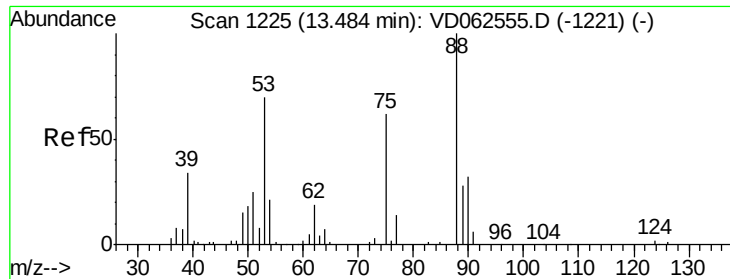
120 44.4 20.8 62.5



Abundance Ion 105.05 (104.75 to 105.75): V

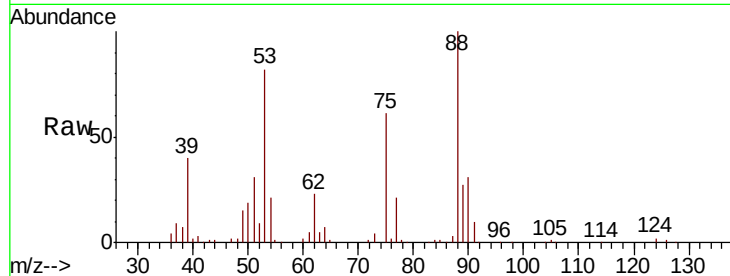
Ion 120.05 (119.75 to 120.75): V



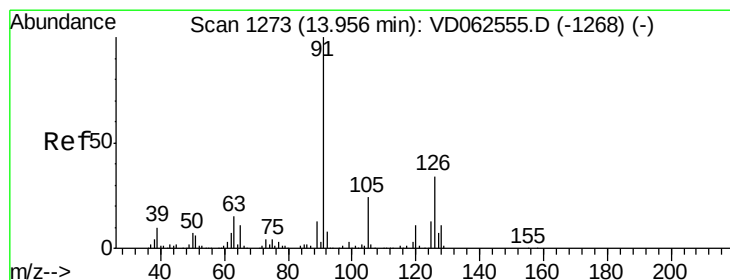
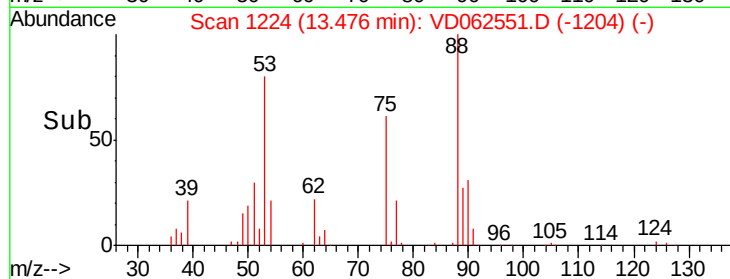
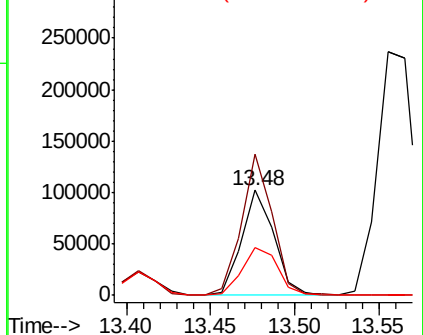


#81
trans-1,4-Dichloro-2-butene
Concen: 69.075 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tot Ion: 75 Resp: 137106
Ion Ratio Lower Upper
75 100
53 134.1 91.0 136.4
89 44.9 36.9 55.3

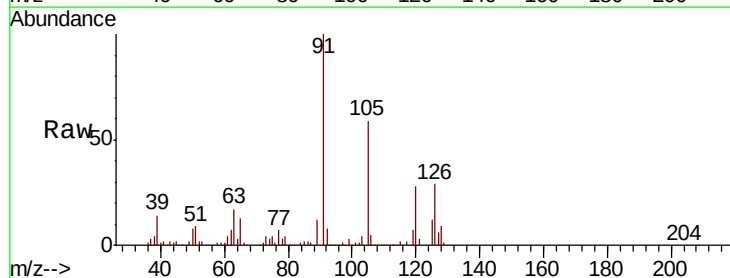


Abundance Ion 75.00 (74.70 to 75.70): VDC
Ion 53.00 (52.70 to 53.70): VDC
Ion 89.00 (88.70 to 89.70): VDC

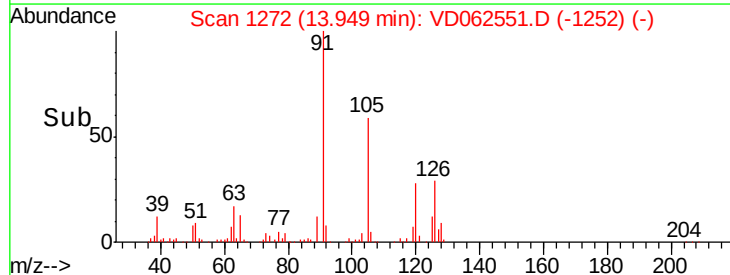
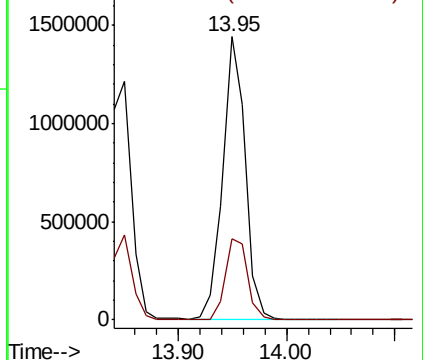


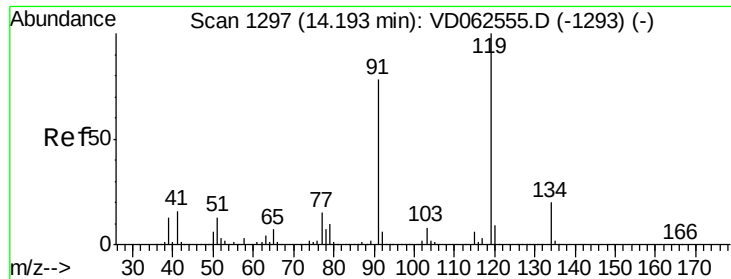
#82
4-Chlorotoluene
Concen: 65.685 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

Tgt Ion: 91 Resp: 2082039
Ion Ratio Lower Upper
91 100
126 28.8 16.9 50.7



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

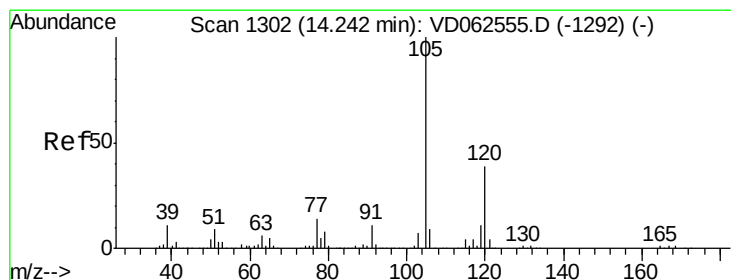
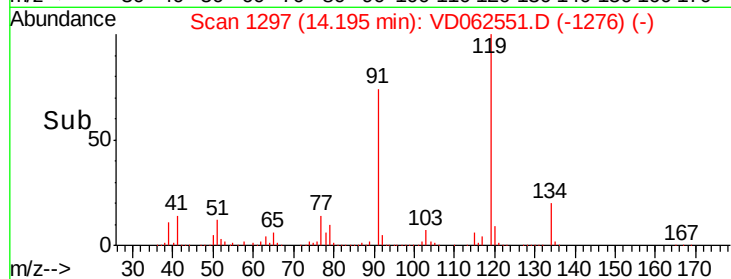
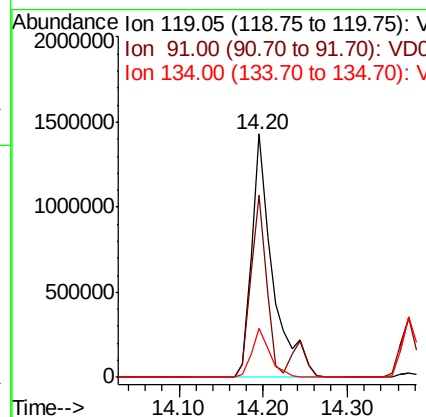
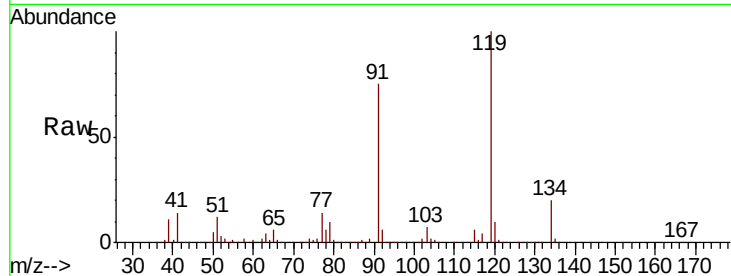




#83
 tert-Butylbenzene
 Concen: 67.665 ug/l
 RT: 14.20 min Scan# 1297
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tot Ion:119 Resp: 2494638

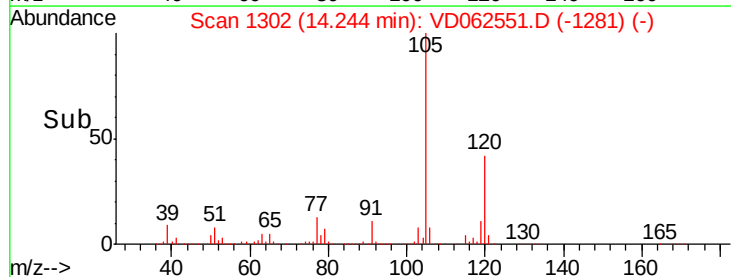
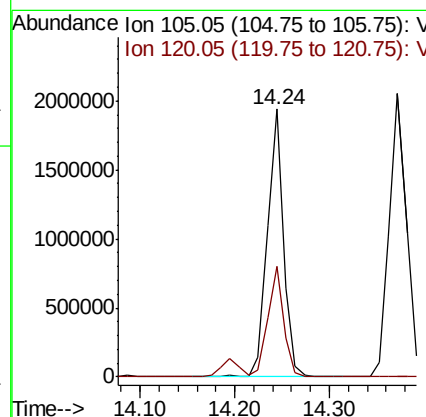
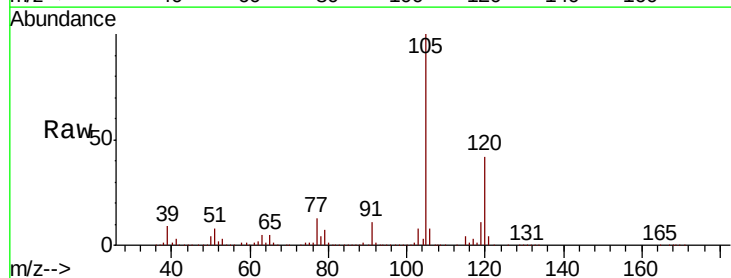
Ion	Ratio	Lower	Upper
119	100		
91	74.6	39.1	117.5
134	20.3	10.1	30.3

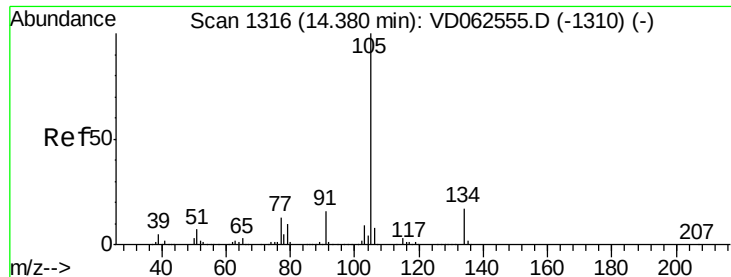


#84
 1,2,4-Trimethylbenzene
 Concen: 69.515 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tgt Ion:105 Resp: 2329139

Ion	Ratio	Lower	Upper
105	100		
120	41.6	19.6	58.8





#85

sec-Butylbenzene

Concen: 66.052 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD062551.D

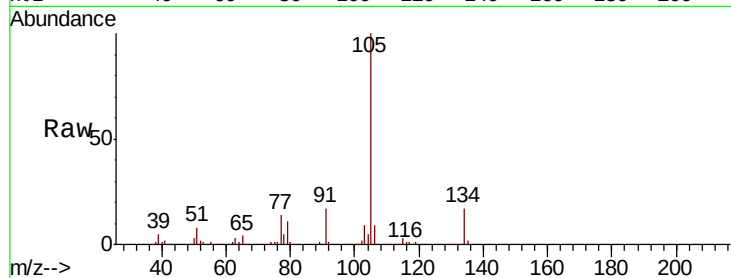
Acq: 30 May 2019 13:27

Tot Ion:105 Resp: 2597006

Ion Ratio Lower Upper

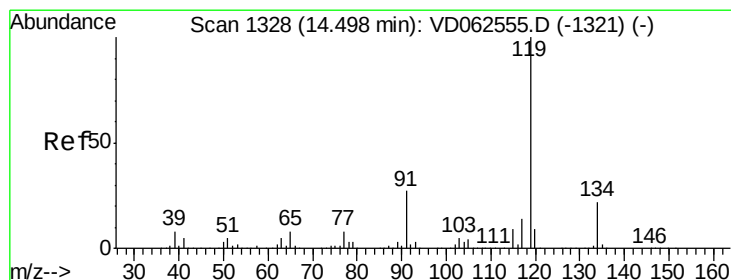
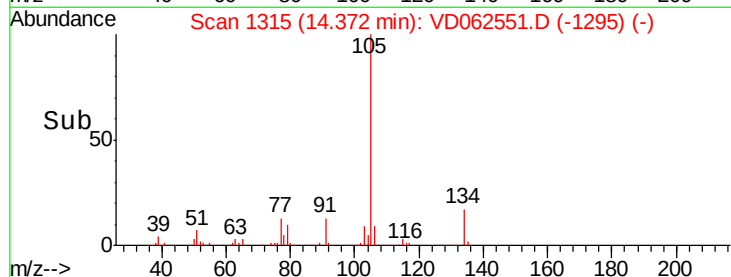
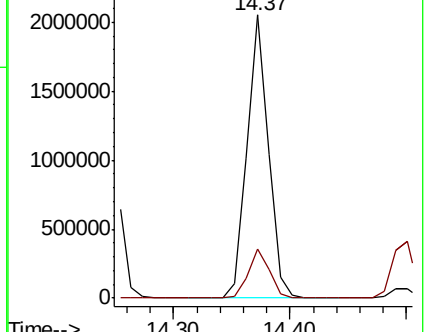
105 100

134 17.4 8.7 26.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 65.552 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.00 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

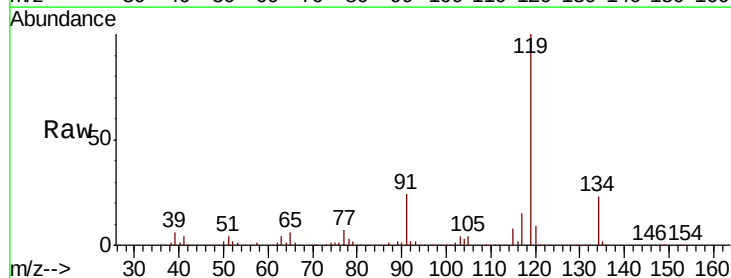
Tgt Ion:119 Resp: 2424079

Ion Ratio Lower Upper

119 100

134 23.3 11.2 33.6

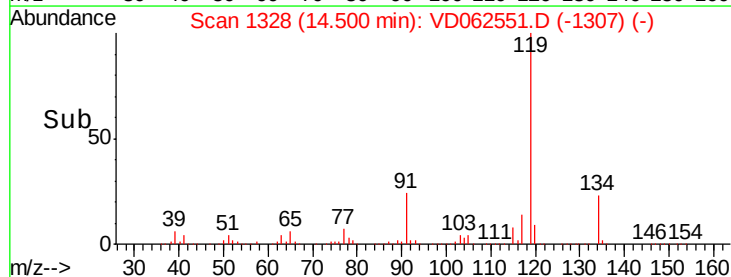
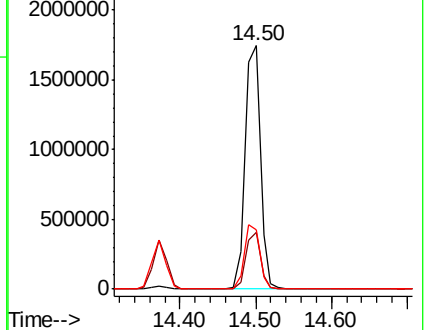
91 24.1 13.6 40.7

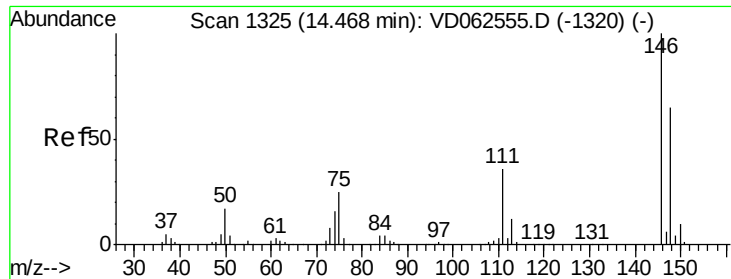


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

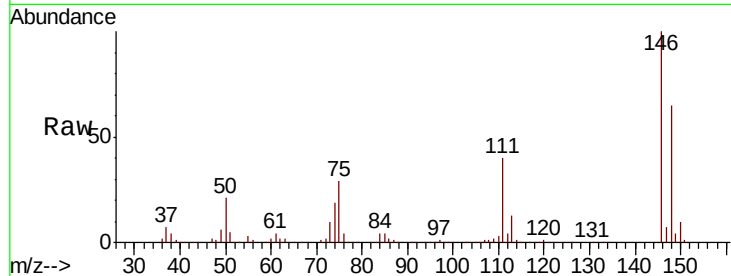
Ion 91.00 (90.70 to 91.70): V



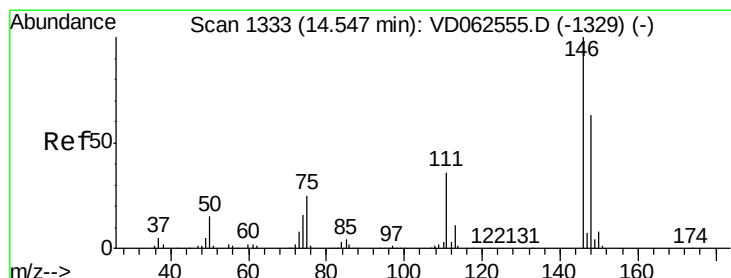
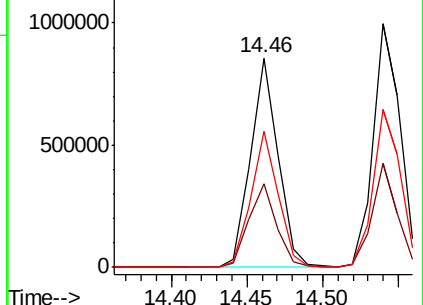
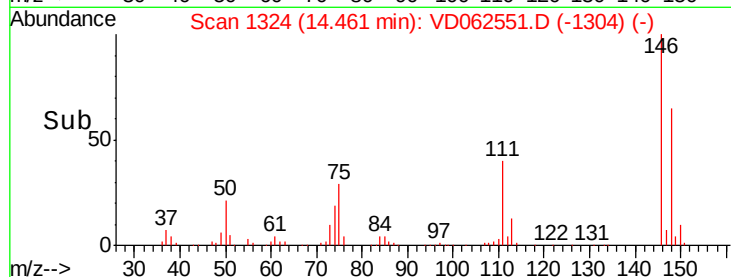


#87
 1,3-Dichlorobenzene
 Concen: 57.597 ug/l
 RT: 14.46 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tot Ion:146 Resp: 1087386
 Ion Ratio Lower Upper
 146 100
 111 40.0 18.1 54.4
 148 65.0 32.3 96.9

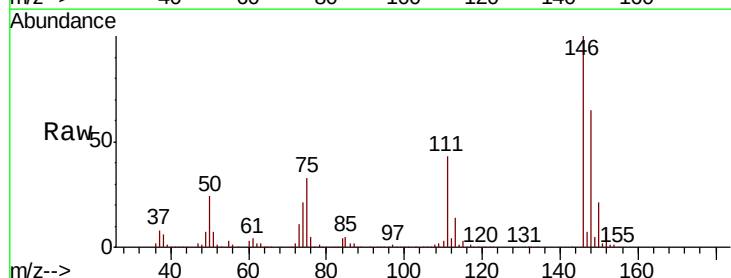


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

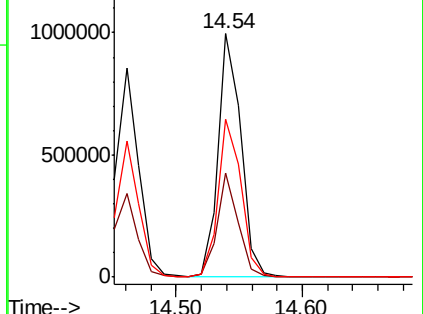
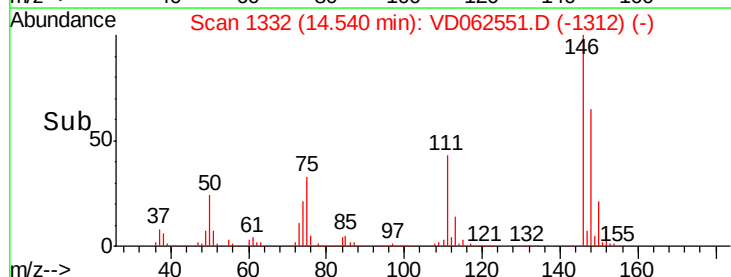


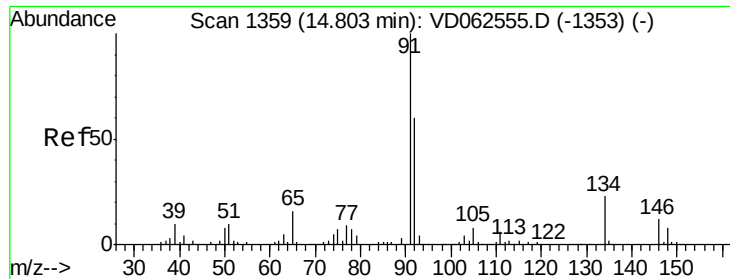
#88
 1,4-Dichlorobenzene
 Concen: 67.380 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tgt Ion:146 Resp: 1247555
 Ion Ratio Lower Upper
 146 100
 111 42.7 18.2 54.6
 148 64.8 31.6 94.8



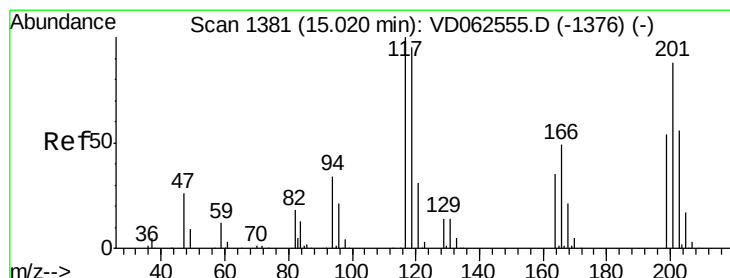
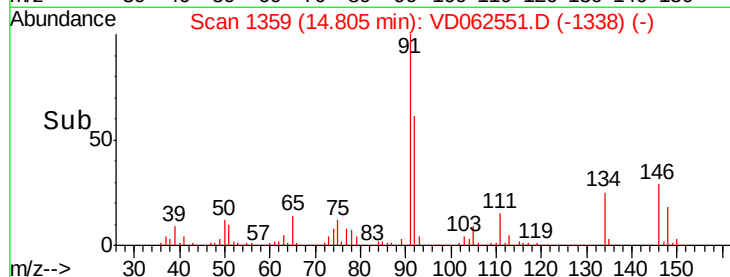
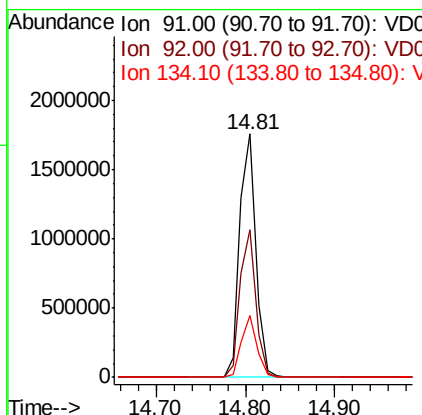
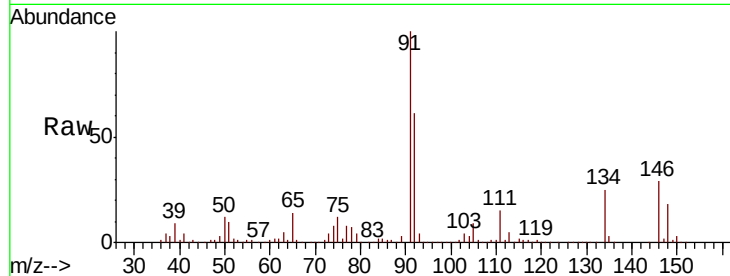
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





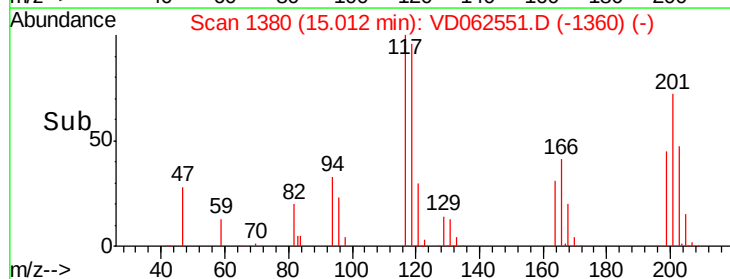
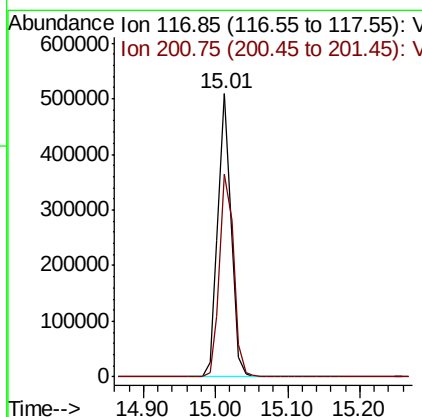
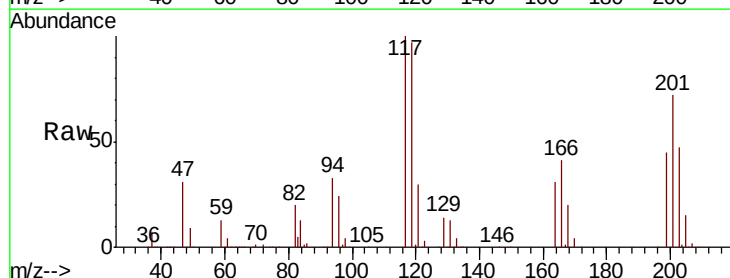
#89
n-Butylbenzene
Concen: 66.767 ug/l
RT: 14.81 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

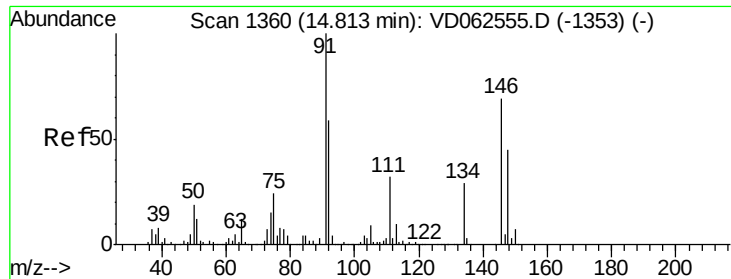
Tot Ion: 91 Resp: 2246603
Ion Ratio Lower Upper
91 100
92 60.6 29.8 89.4
134 25.3 11.3 33.8



#90
Hexachloroethane
Concen: 64.558 ug/l
RT: 15.01 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VD062551.D
Acq: 30 May 2019 13:27

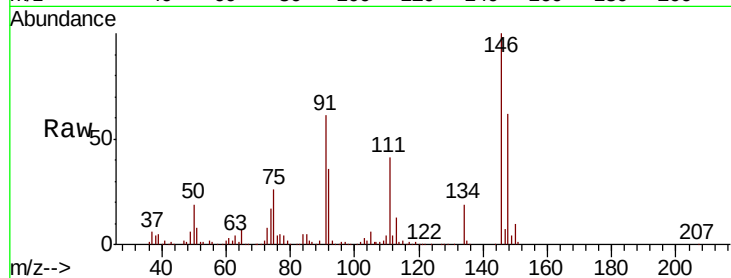
Tgt Ion: 117 Resp: 637999
Ion Ratio Lower Upper
117 100
201 71.6 43.8 131.4



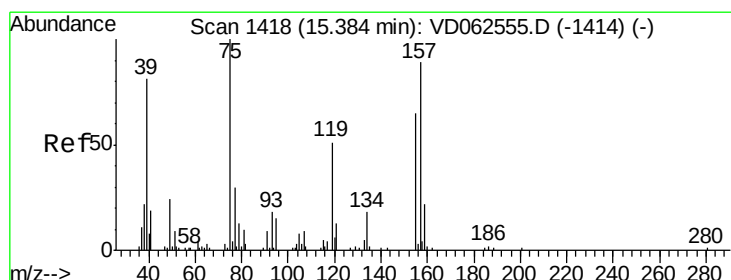
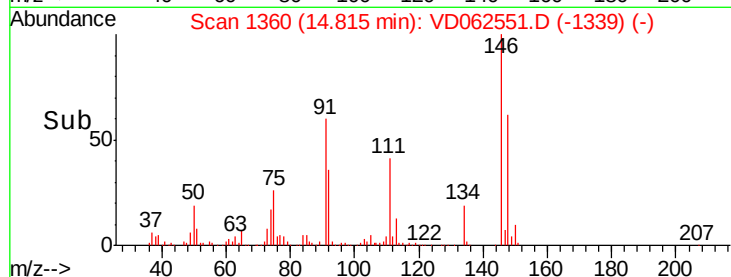
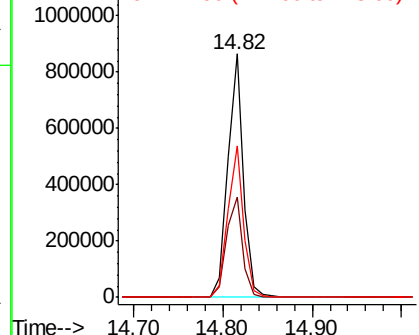


#91
 1,2-Dichlorobenzene
 Concen: 66.057 ug/l
 RT: 14.82 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tot Ion:146 Resp: 1062419
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.8 68.4
 148 62.4 32.3 96.9

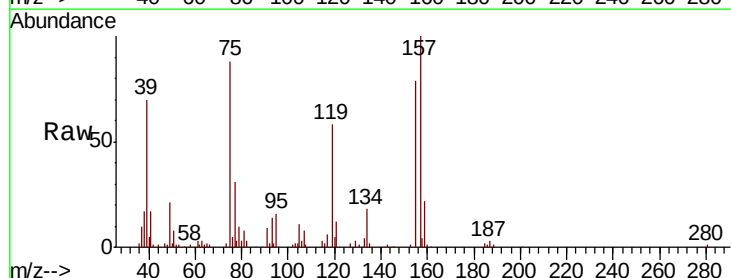


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

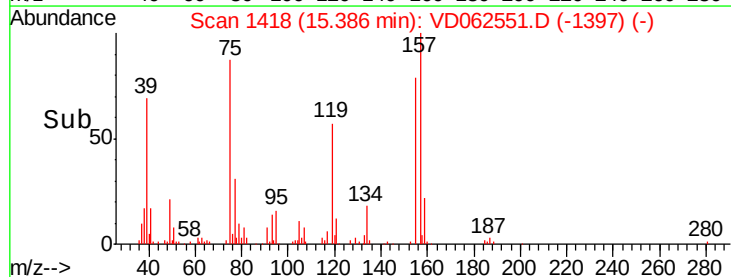
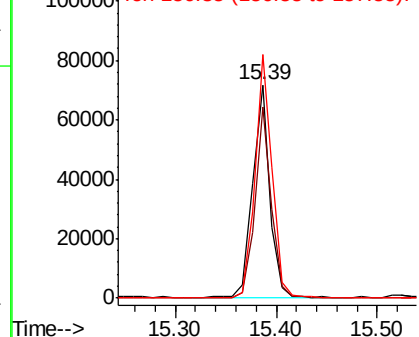


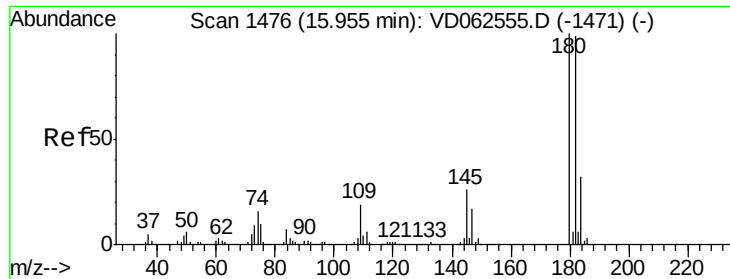
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 66.737 ug/l
 RT: 15.39 min Scan# 1418
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tgt Ion: 75 Resp: 85736
 Ion Ratio Lower Upper
 75 100
 155 89.7 32.6 97.8
 157 114.2 44.5 133.7



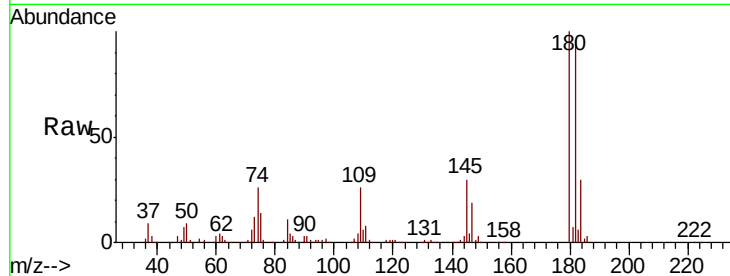
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



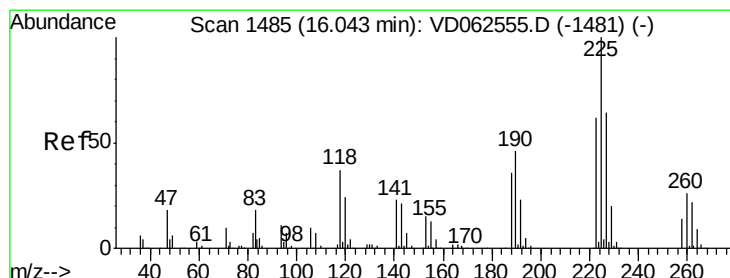
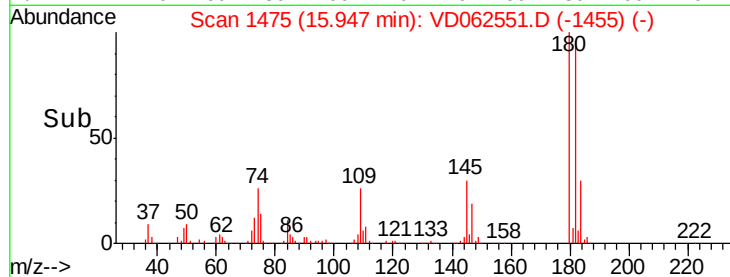
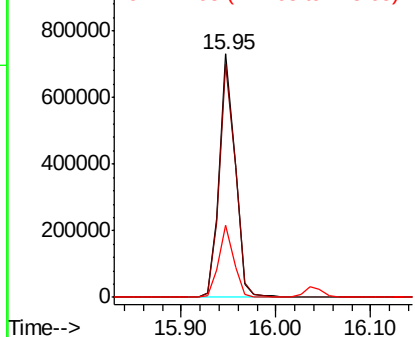


#93
 1,2,4-Trichlorobenzene
 Concen: 68.405 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	49.5	148.3
145	29.5	13.1	39.3

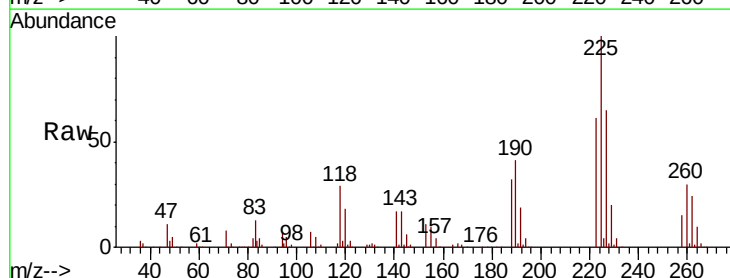


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

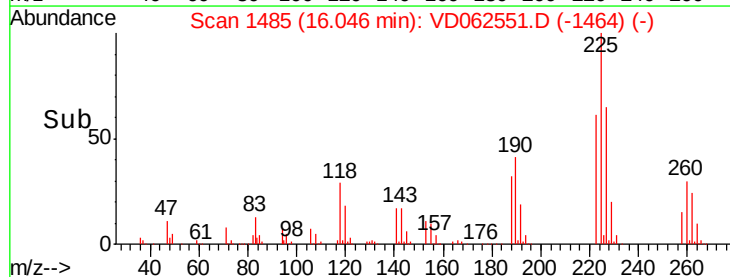
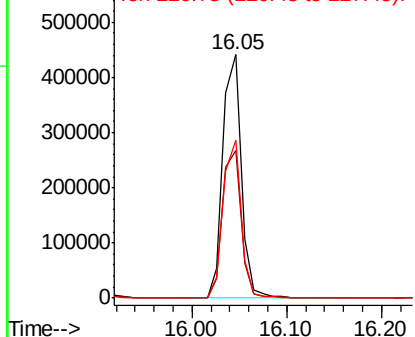


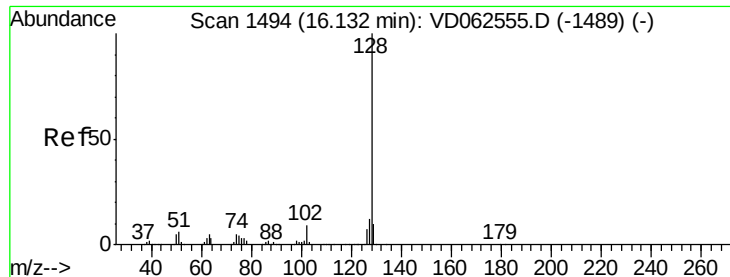
#94
 Hexachlorobutadiene
 Concen: 65.639 ug/l
 RT: 16.05 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VD062551.D
 Acq: 30 May 2019 13:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.5
227	64.8	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: 66.085 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

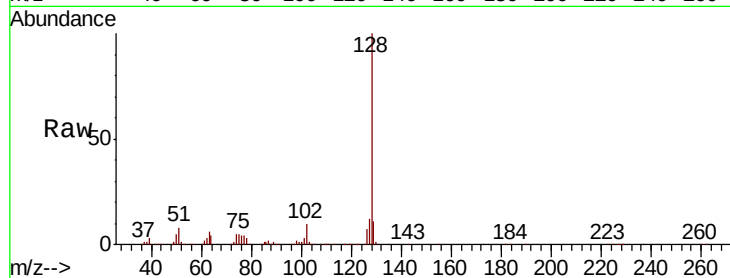
Tot Ion:128 Resp: 1158641

Ion Ratio Lower Upper

128 100

127 12.3 9.7 14.5

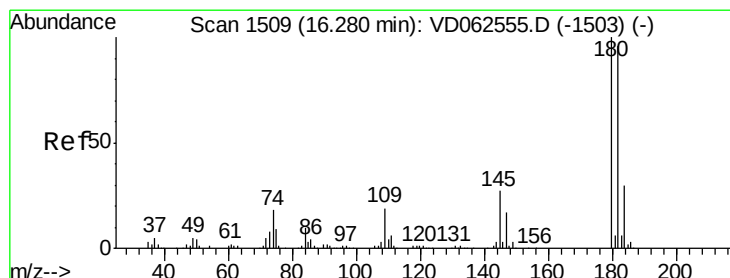
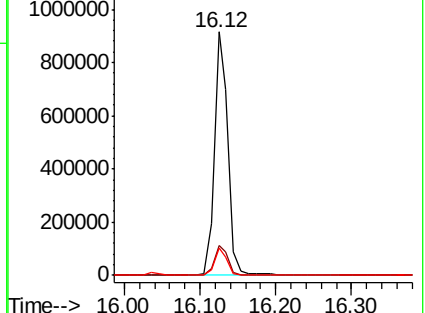
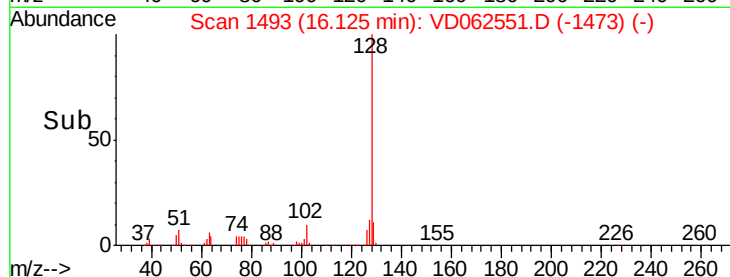
129 11.2 8.2 12.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 68.737 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: VD062551.D

Acq: 30 May 2019 13:27

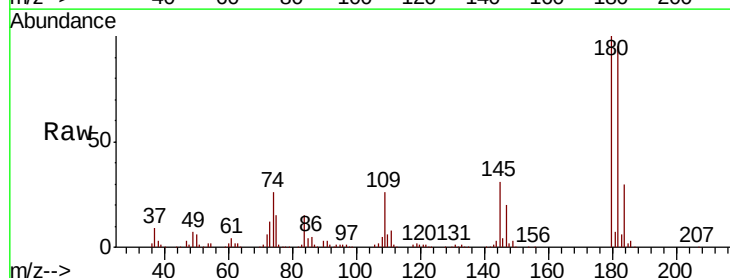
Tgt Ion:180 Resp: 643696

Ion Ratio Lower Upper

180 100

182 95.4 48.1 144.3

145 30.8 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

