

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055664.D
 Acq On : 20 May 2019 11:13
 Operator : JC/SP
 Sample : VN0520WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 21 04:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	332543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	489907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	428816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	221745	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	167298	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
35) Dibromofluoromethane	7.59	113	155921	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.09	98	578246	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	198450	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	44742	17.487	ug/l 99
3) Chloromethane	2.06	50	59609	17.467	ug/l 99
4) Vinyl Chloride	2.18	62	65773	17.798	ug/l 97
5) Bromomethane	2.53	94	43774	18.587	ug/l 99
6) Chloroethane	2.69	64	38667	18.845	ug/l 100
7) Trichlorofluoromethane	3.02	101	86978	18.367	ug/l 99
8) Diethyl Ether	3.41	74	36896	19.394	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	54120	18.746	ug/l 99
10) Methyl Iodide	3.96	142	76234	18.316	ug/l 99
11) Tert butyl alcohol	4.77	59	71785	105.598	ug/l 98
12) 1,1-Dichloroethene	3.74	96	55960	18.426	ug/l 98
13) Acrolein	3.61	56	33051	96.158	ug/l 96
14) Allyl chloride	4.33	41	92348	18.836	ug/l 98
15) Acrylonitrile	4.99	53	152704	100.966	ug/l 99
16) Acetone	3.81	43	132718	89.214	ug/l 99
17) Carbon Disulfide	4.06	76	147536	17.475	ug/l 100
18) Methyl Acetate	4.32	43	63920	20.042	ug/l 97
19) Methyl tert-butyl Ether	5.05	73	189041	18.816	ug/l 98
20) Methylene Chloride	4.55	84	62142	18.304	ug/l 97
21) trans-1,2-Dichloroethene	5.04	96	59571	18.413	ug/l 97
22) Diisopropyl ether	5.95	45	176844	18.203	ug/l 97
23) Vinyl Acetate	5.90	43	779901	94.608	ug/l 98
24) 1,1-Dichloroethane	5.85	63	106481	18.693	ug/l 99
25) 2-Butanone	6.83	43	205768	98.925	ug/l 99
26) 2,2-Dichloropropane	6.82	77	88417	17.489	ug/l 98
27) cis-1,2-Dichloroethene	6.83	96	70859	18.809	ug/l 97
28) Bromochloromethane	7.20	49	46688	18.839	ug/l 96
29) Tetrahydrofuran	7.21	42	135191	98.103	ug/l 98
30) Chloroform	7.37	83	108085	18.485	ug/l 98
31) Cyclohexane	7.66	56	97837	18.097	ug/l 95
32) 1,1,1-Trichloroethane	7.57	97	96408	18.382	ug/l 99
36) 1,1-Dichloropropene	7.80	75	79682	18.243	ug/l 98
37) Ethyl Acetate	6.93	43	81869	20.771	ug/l 98
38) Carbon Tetrachloride	7.78	117	86460	18.524	ug/l 99

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

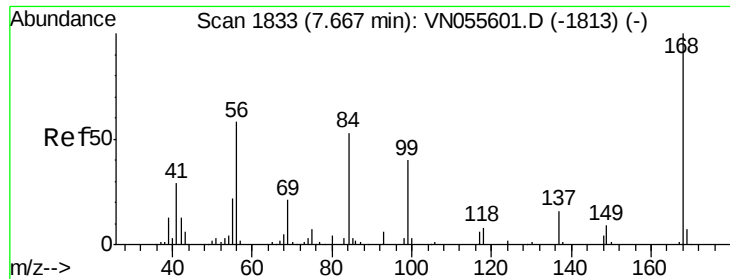
39) Methylcyclohexane	9.08	83	97071	18.436	ug/l	98
40) Benzene	8.04	78	249440	19.416	ug/l	100
41) Methacrylonitrile	7.21	41	116737	69.276	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	81352	19.555	ug/l	100
43) Isopropyl Acetate	8.16	43	134028	19.549	ug/l	99
44) Trichloroethene	8.84	130	72438	19.982	ug/l	96
45) 1,2-Dichloropropane	9.12	63	65535	19.364	ug/l	99
46) Dibromomethane	9.21	93	44540	20.107	ug/l	98
47) Bromodichloromethane	9.40	83	86210	18.570	ug/l	99
48) Methyl methacrylate	9.20	41	60927	19.882	ug/l	97
49) 1,4-Dioxane	9.20	88	29972	492.210	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	405736	100.888	ug/l	99
52) Toluene	10.16	92	157226	19.512	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	95335	19.080	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	105191	19.217	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	64913	19.568	ug/l	99
56) Ethyl methacrylate	10.43	69	101128	19.529	ug/l	97
57) 1,3-Dichloropropane	10.71	76	103354	19.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	216980	98.613	ug/l	98
59) 2-Hexanone	10.75	43	289019	102.074	ug/l	98
60) Dibromochloromethane	10.90	129	75165	19.992	ug/l	99
61) 1,2-Dibromoethane	11.01	107	67333	20.286	ug/l	99
64) Tetrachloroethene	10.63	164	68748	20.326	ug/l	98
65) Chlorobenzene	11.43	112	169757	19.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	71679	20.543	ug/l	97
67) Ethyl Benzene	11.51	91	302400	19.572	ug/l	99
68) m/p-Xylenes	11.62	106	232931	39.921	ug/l	97
69) o-Xylene	11.95	106	114617	20.084	ug/l	96
70) Styrene	11.96	104	193325	20.374	ug/l	97
71) Bromoform	12.13	173	61510	20.802	ug/l #	98
73) Isopropylbenzene	12.25	105	303158	17.937	ug/l	99
74) N-amyl acetate	12.07	43	111528	17.912	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	92583	17.762	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	132787	29.347	ug/l #	100
77) Bromobenzene	12.53	156	1060845	232.947	ug/l #	1
78) n-propylbenzene	12.59	91	325716	16.541	ug/l	98
79) 2-Chlorotoluene	12.67	91	198819	17.782	ug/l	92
80) 1,3,5-Trimethylbenzene	12.73	105	270927	19.120	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	28237	16.042	ug/l	98
82) 4-Chlorotoluene	12.77	91	192265	16.571	ug/l	97
83) tert-Butylbenzene	12.99	119	220212	17.733	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	249718	17.686	ug/l	99
85) sec-Butylbenzene	13.17	105	286165	17.932	ug/l	100
86) p-Isopropyltoluene	13.29	119	266556	18.201	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	129202	17.159	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	125470	17.452	ug/l	99
89) n-Butylbenzene	13.61	91	209009	17.177	ug/l	99
90) Hexachloroethane	13.88	117	49400	17.321	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	129173	17.209	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20887	20.756	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	74869	19.596	ug/l	99
94) Hexachlorobutadiene	15.01	225	44756	17.515	ug/l	99
95) Naphthalene	15.13	128	245105	22.271	ug/l	95
96) 1,2,3-Trichlorobenzene	15.31	180	78492	19.648	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN055664.D

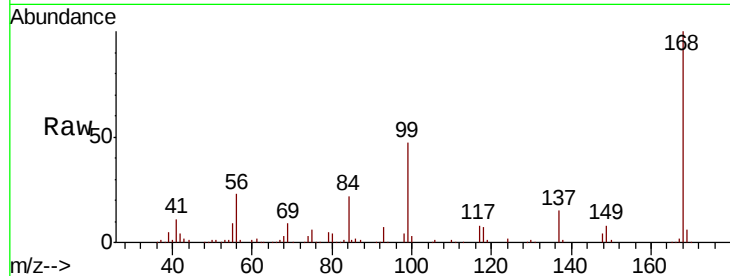
Acq: 20 May 2019 11:13

Tot Ion:168 Resp: 332543

Ion Ratio Lower Upper

168 100

99 46.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

150000

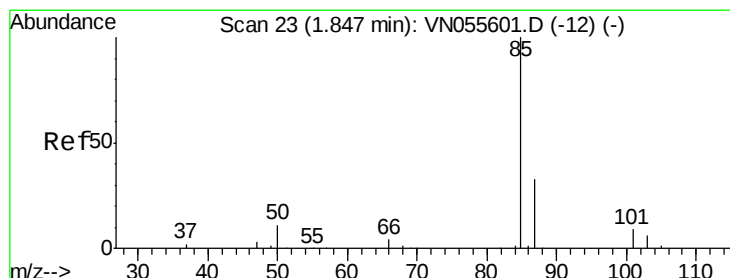
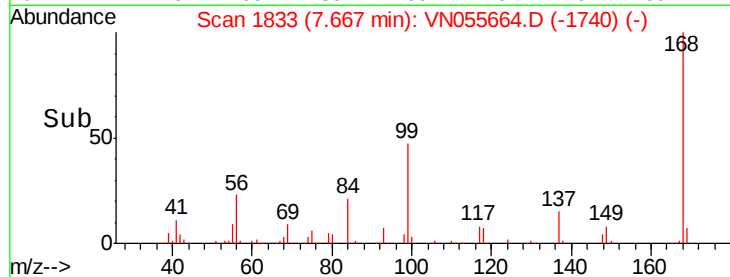
100000

50000

0

7.50 7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.487 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055664.D

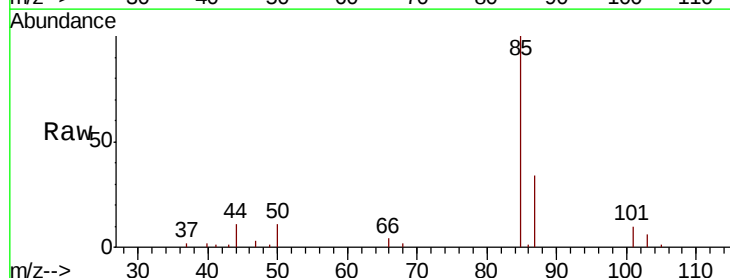
Acq: 20 May 2019 11:13

Tgt Ion: 85 Resp: 44742

Ion Ratio Lower Upper

85 100

87 33.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VN055601.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055601.D (-12) (-)

1.85

30000

25000

20000

15000

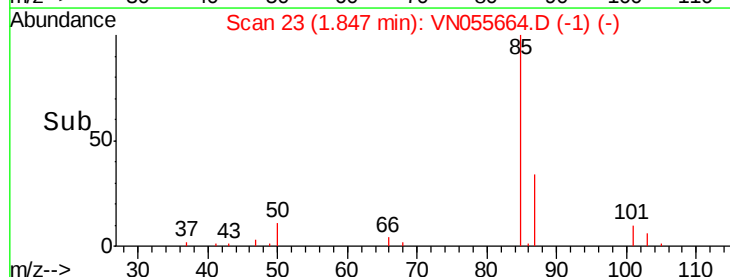
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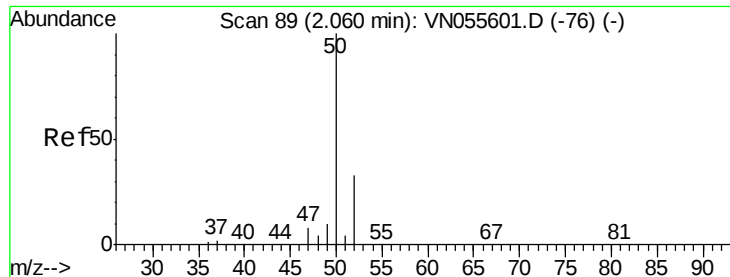
5000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.467 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN055664.D

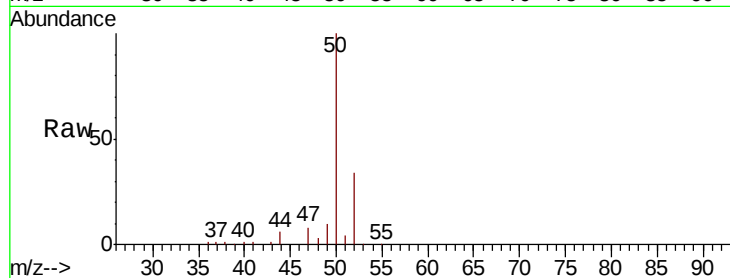
Acq: 20 May 2019 11:13

Tot Ion: 50 Resp: 59609

Ion Ratio Lower Upper

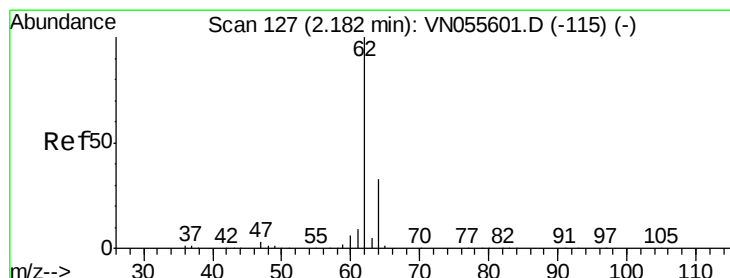
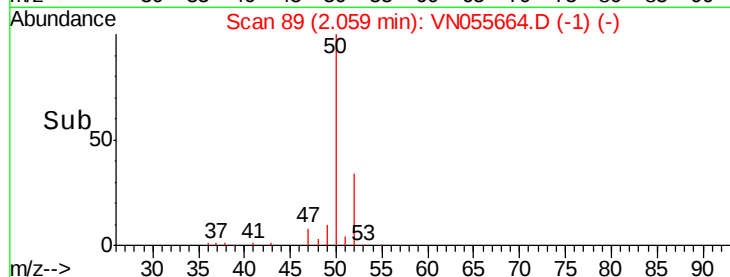
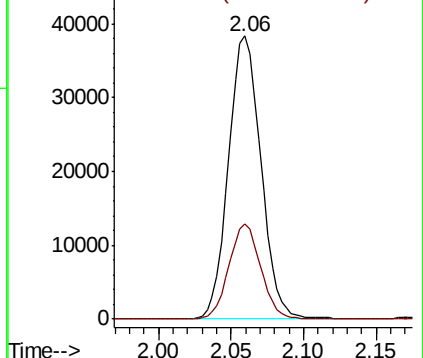
50 100

52 33.7 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.798 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN055664.D

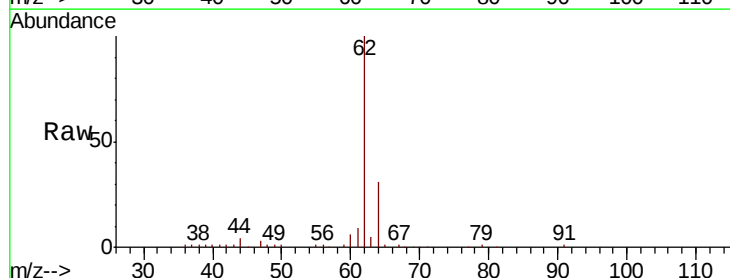
Acq: 20 May 2019 11:13

Tgt Ion: 62 Resp: 65773

Ion Ratio Lower Upper

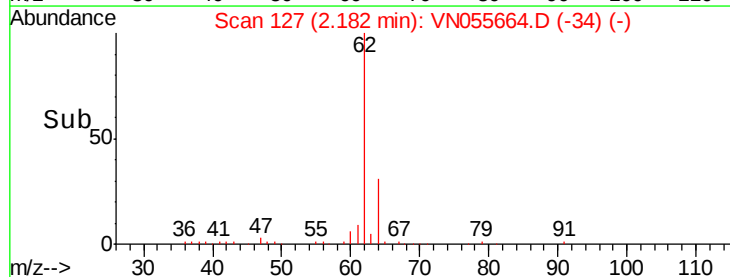
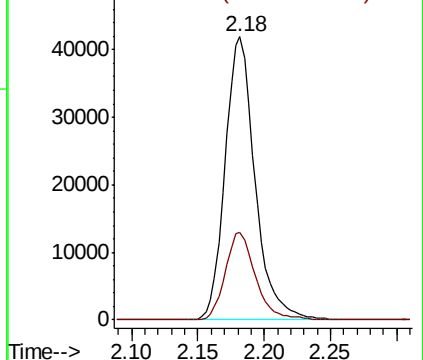
62 100

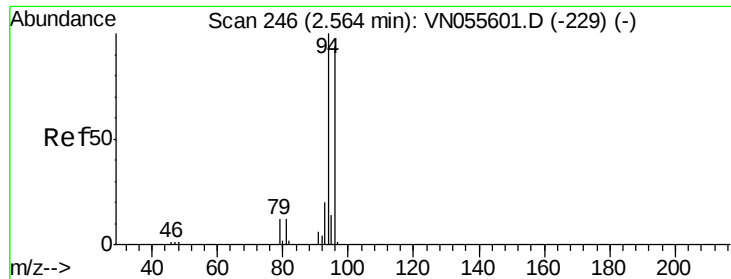
64 31.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.587 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.04 min

Lab File: VN055664.D

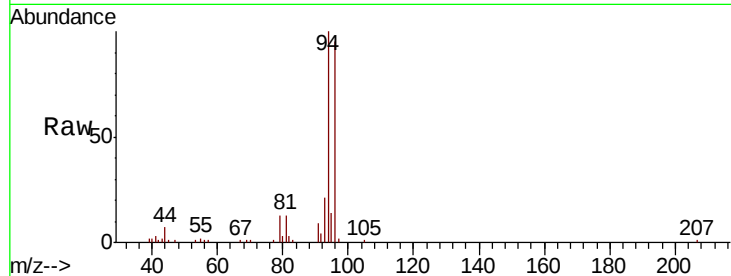
Acq: 20 May 2019 11:13

Tot Ion: 94 Resp: 43774

Ion Ratio Lower Upper

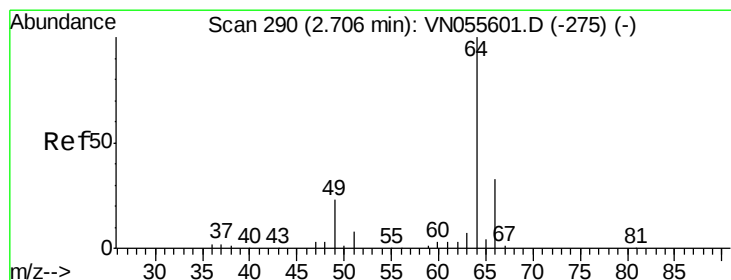
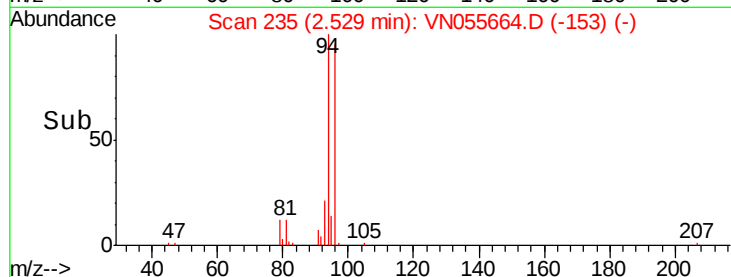
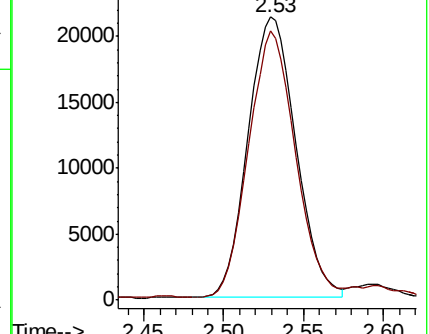
94 100

96 94.9 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.845 ug/l

RT: 2.69 min Scan# 284

Delta R.T. -0.02 min

Lab File: VN055664.D

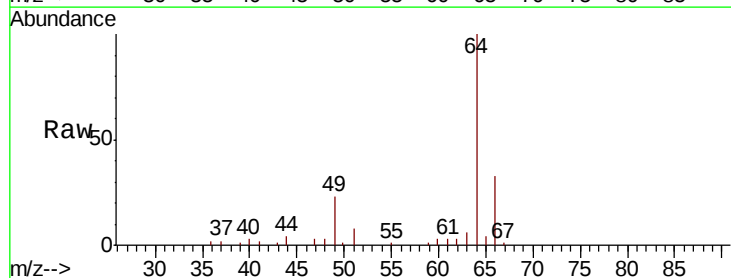
Acq: 20 May 2019 11:13

Tgt Ion: 64 Resp: 38667

Ion Ratio Lower Upper

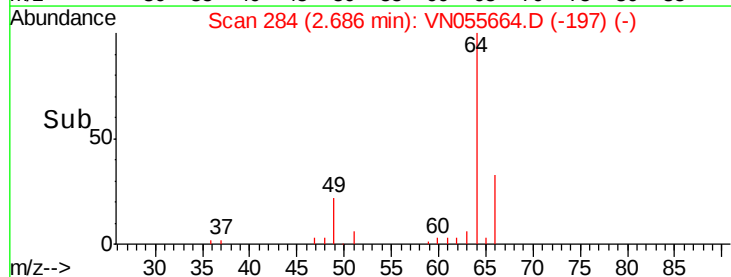
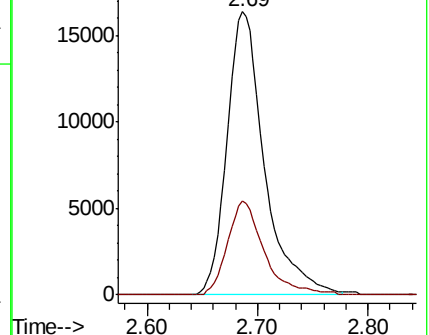
64 100

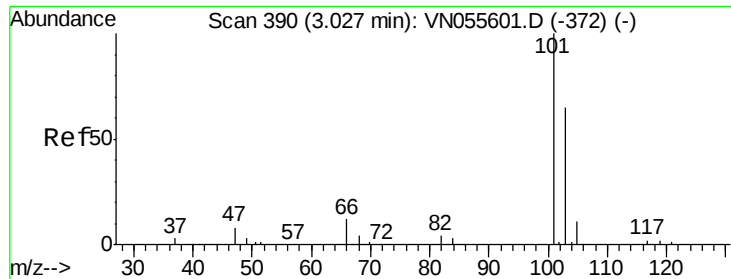
66 33.0 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

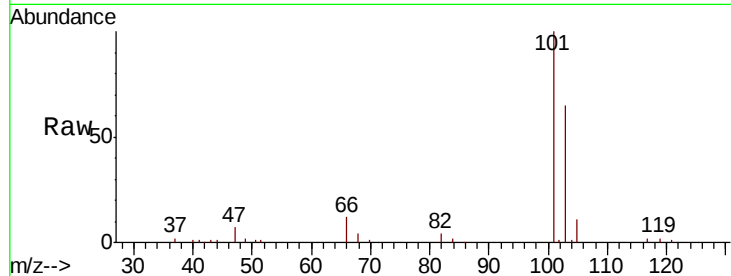




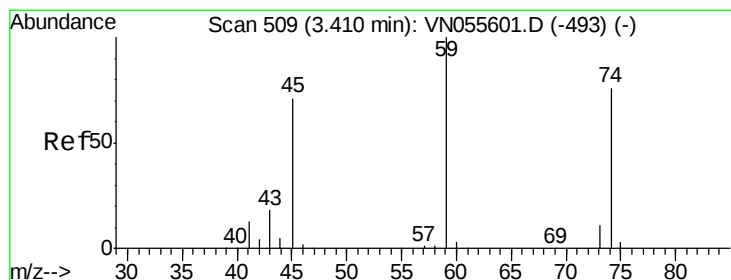
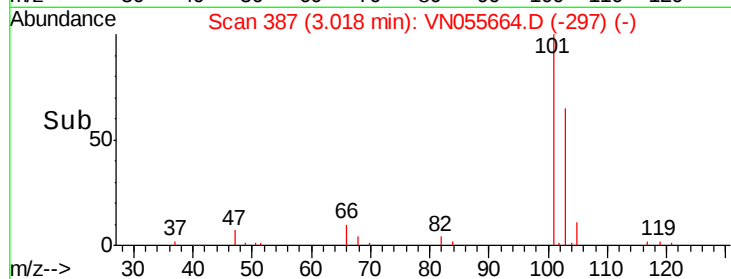
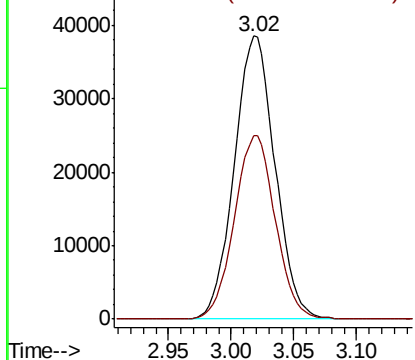
#7

Trichlorofluoromethane
 Concen: 18.367 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion:101 Resp: 86978
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.3 78.5



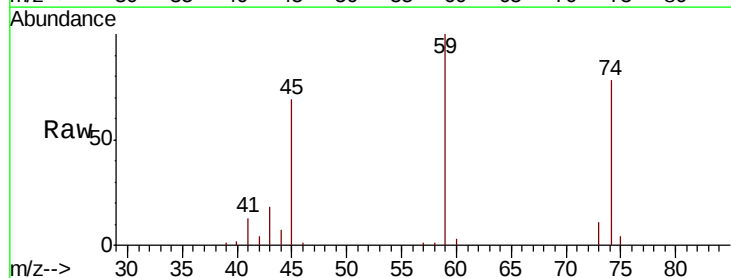
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



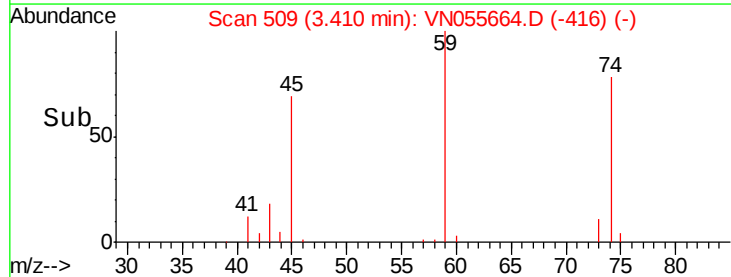
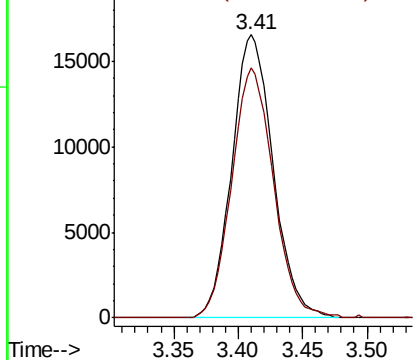
#8

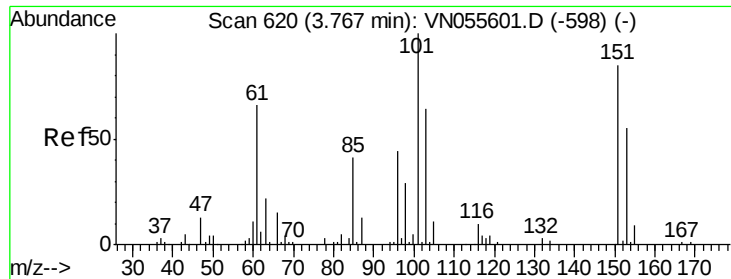
Diethyl Ether
 Concen: 19.394 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 74 Resp: 36896
 Ion Ratio Lower Upper
 74 100
 45 89.3 46.4 139.2



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.746 ug/l

RT: 3.76 min Scan# 618

Delta R.T. -0.01 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

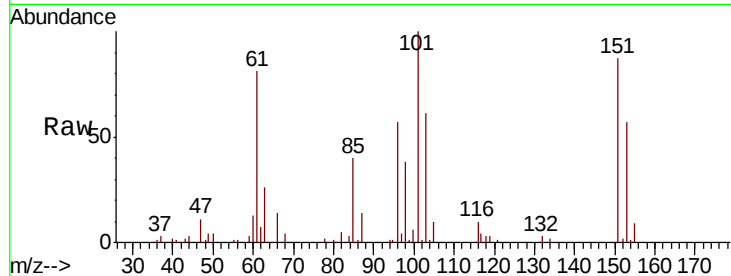
Tot Ion:101 Resp: 54120

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.0

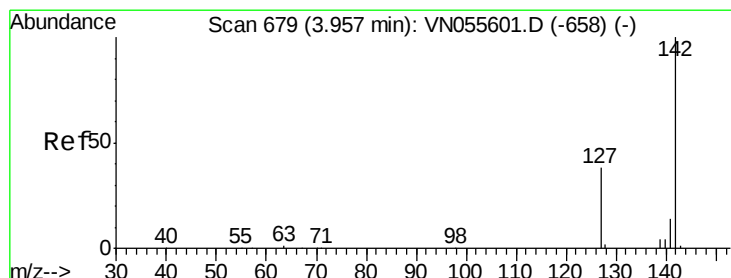
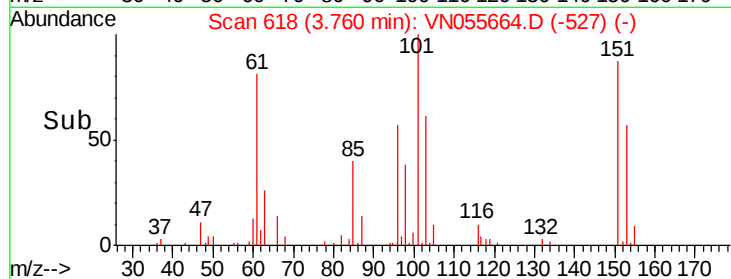
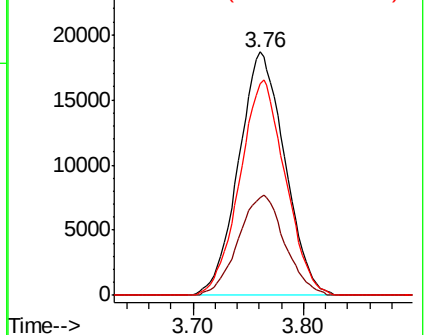
151 87.2 69.3 103.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.316 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

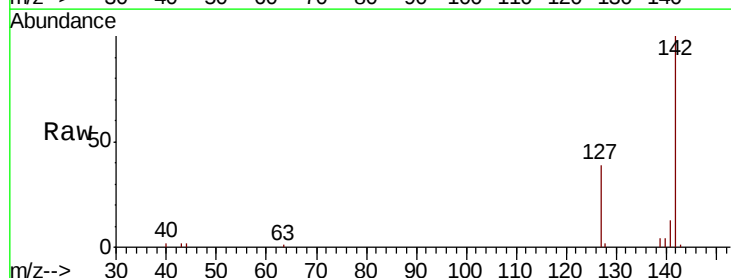
Tgt Ion:142 Resp: 76234

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.4

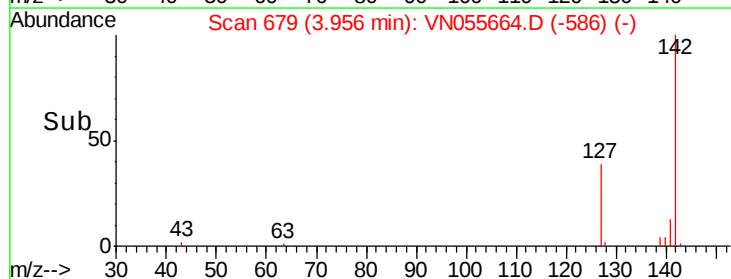
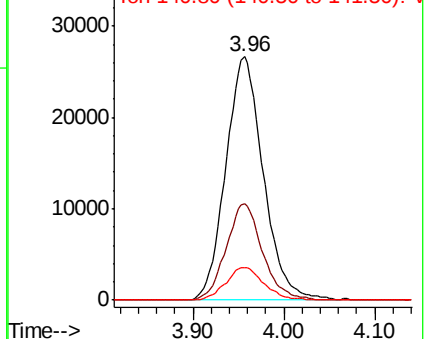
141 13.5 11.5 17.3

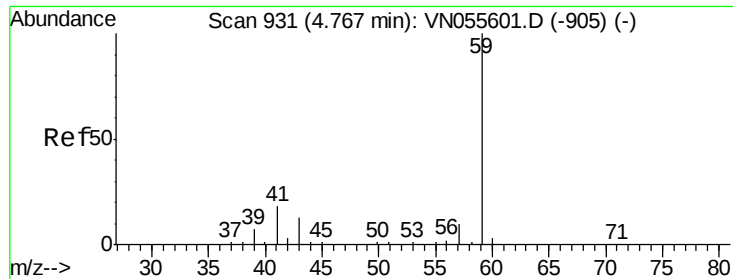


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

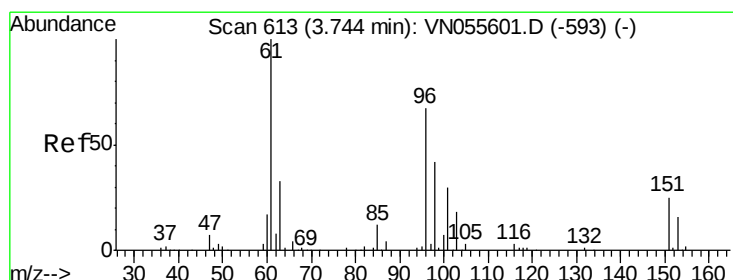
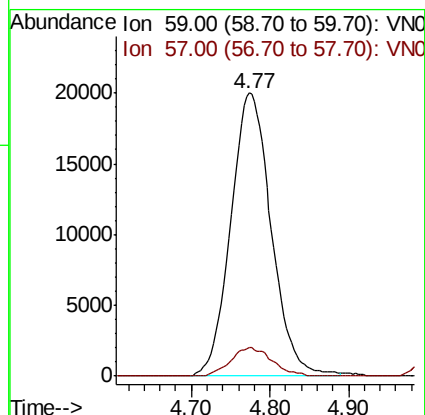
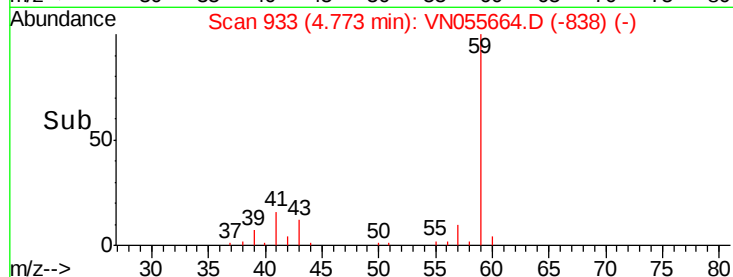
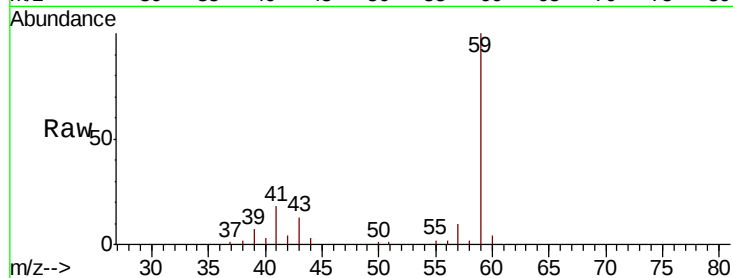
Ion 140.80 (140.50 to 141.50): V





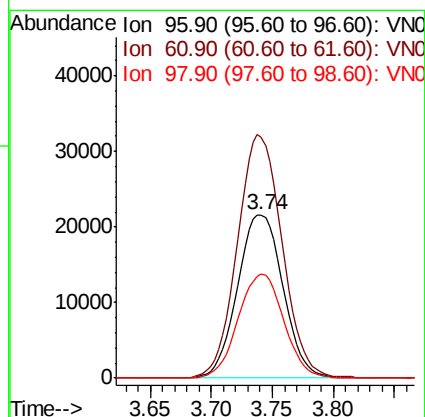
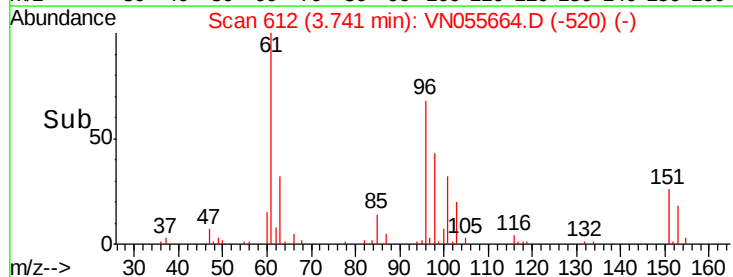
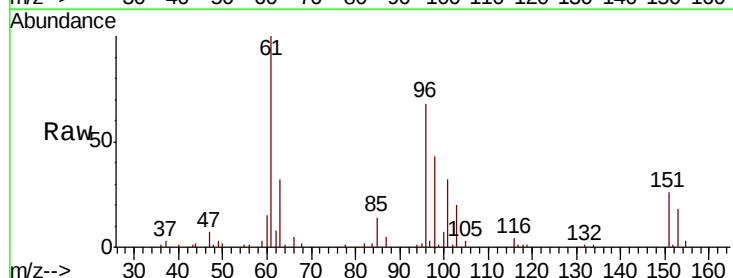
#11
Tert butyl alcohol
Concen: 105.598 ug/l
RT: 4.77 min Scan# 933
Delta R.T. 0.01 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

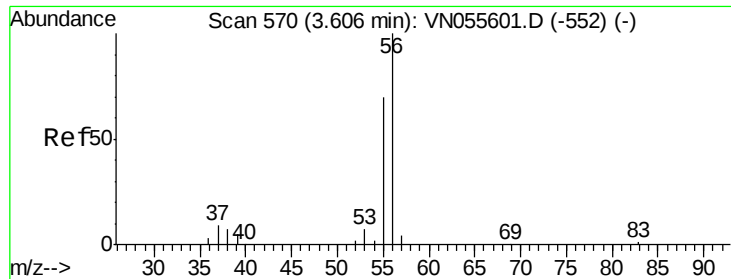
Tot Ion: 59 Resp: 71785
Ion Ratio Lower Upper
59 100
57 10.3 7.8 11.6



#12
1,1-Dichloroethene
Concen: 18.426 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 96 Resp: 55960
Ion Ratio Lower Upper
96 100
61 147.5 120.2 180.2
98 64.0 50.6 75.8





#13

Acrolein

Concen: 96.158 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN055664.D

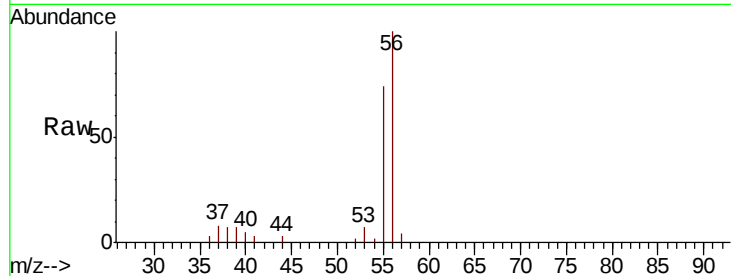
Acq: 20 May 2019 11:13

Tot Ion: 56 Resp: 33051

Ion Ratio Lower Upper

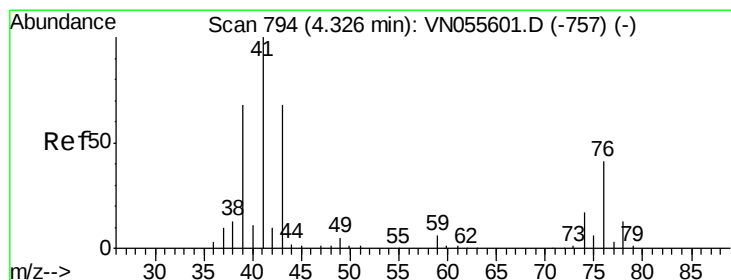
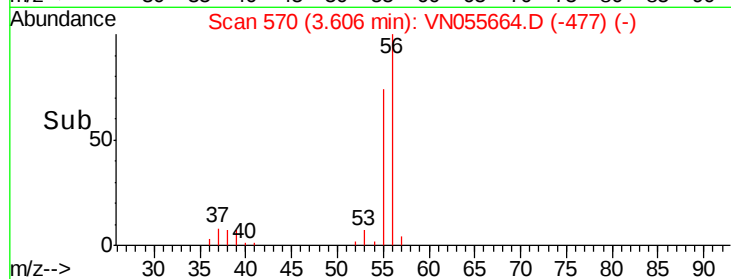
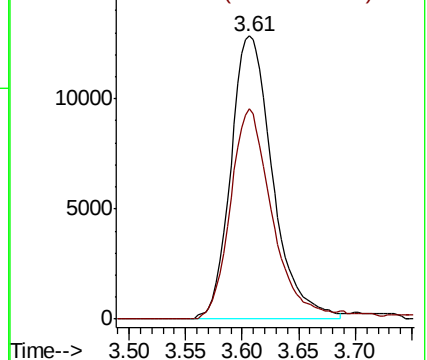
56 100

55 73.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.836 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

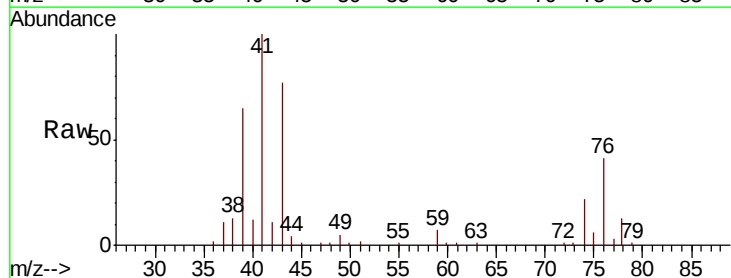
Tgt Ion: 41 Resp: 92348

Ion Ratio Lower Upper

41 100

39 60.6 50.5 75.7

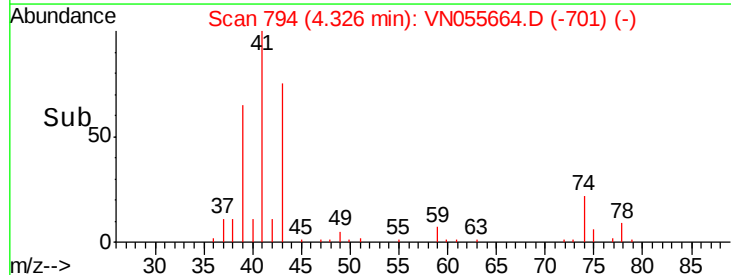
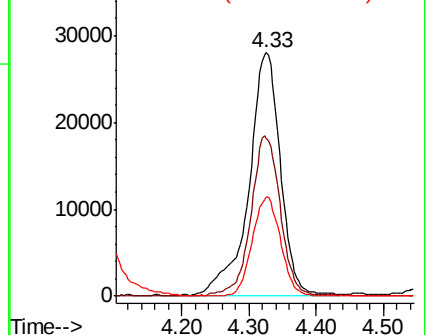
76 36.0 29.2 43.8

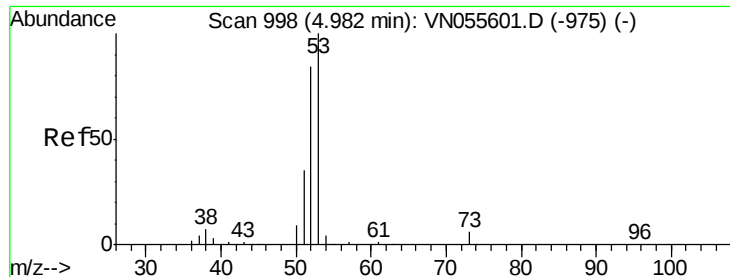


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 100.966 ug/l

RT: 4.99 min Scan# 999

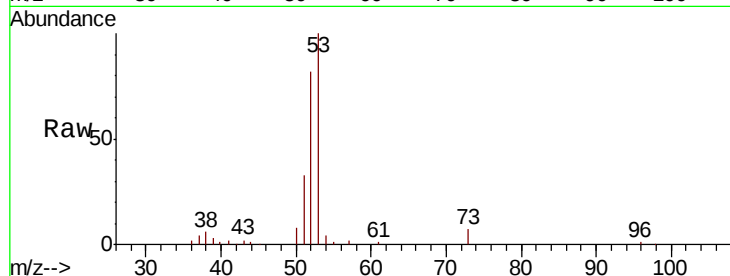
Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion: 53 Resp: 152704

Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.2	99.4
51	35.6	28.5	42.7

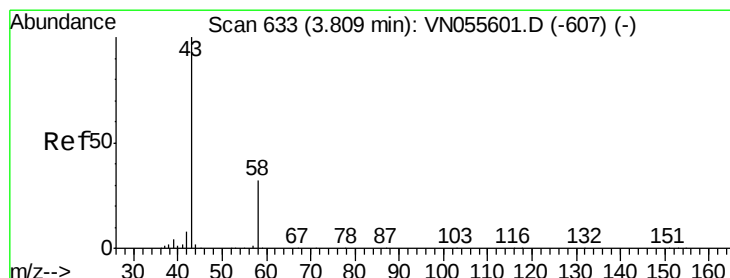
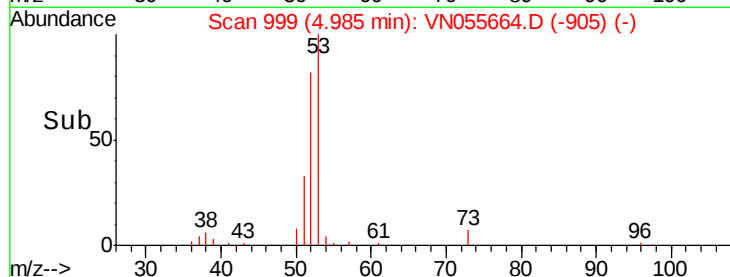
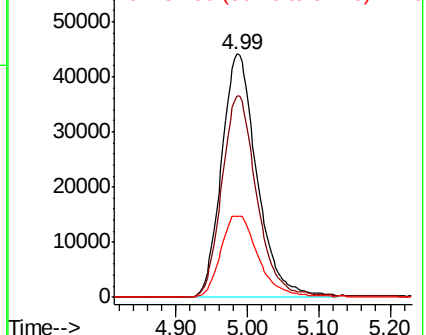


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 89.214 ug/l

RT: 3.81 min Scan# 635

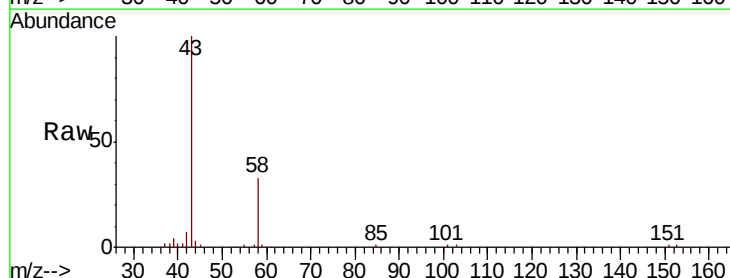
Delta R.T. 0.01 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tgt Ion: 43 Resp: 132718

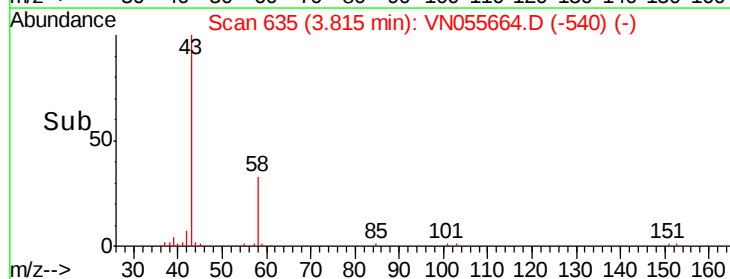
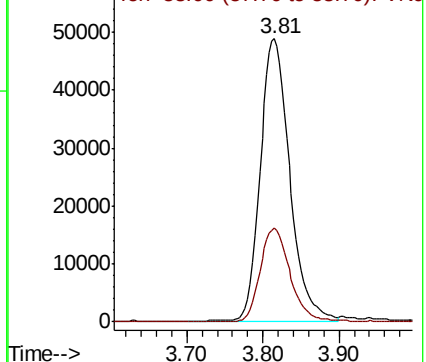
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.0	39.0

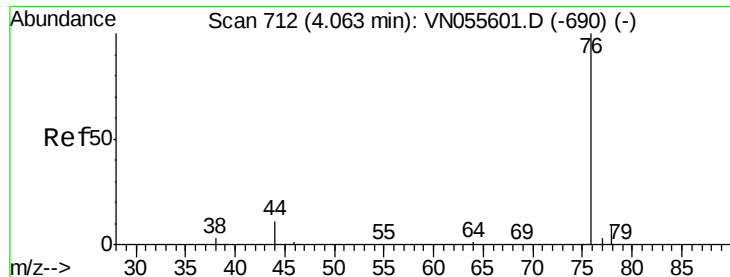


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.475 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: VN055664.D

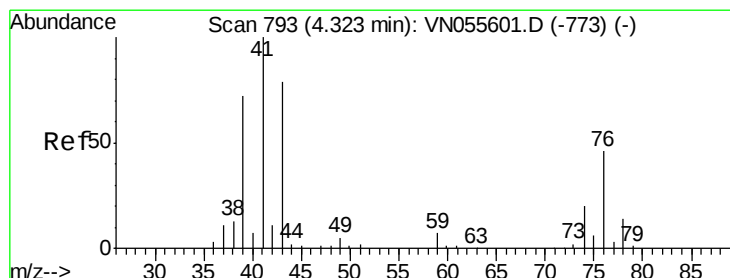
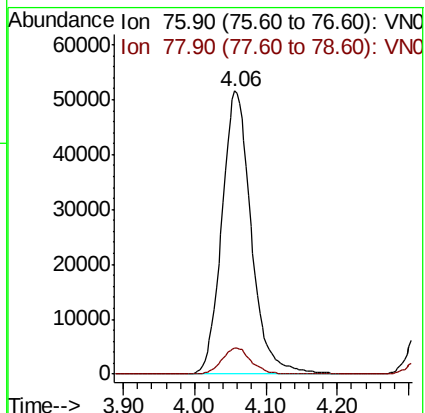
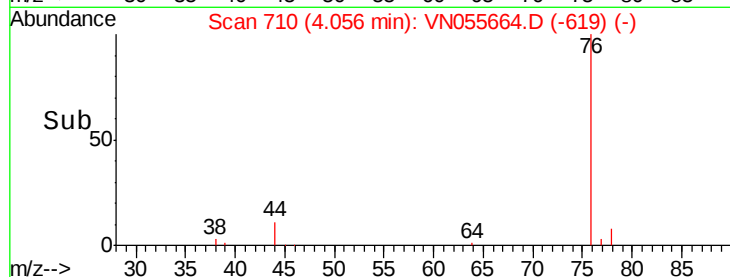
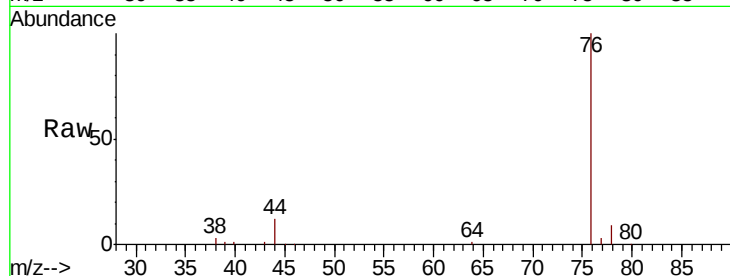
Acq: 20 May 2019 11:13

Tot Ion: 76 Resp: 147536

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 20.042 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055664.D

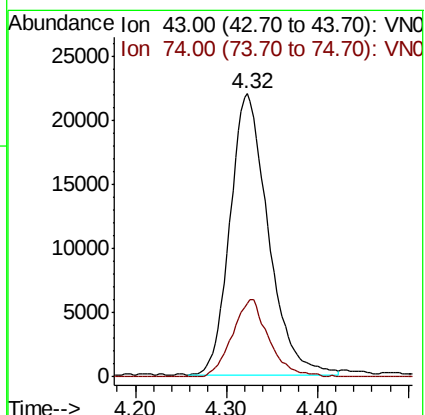
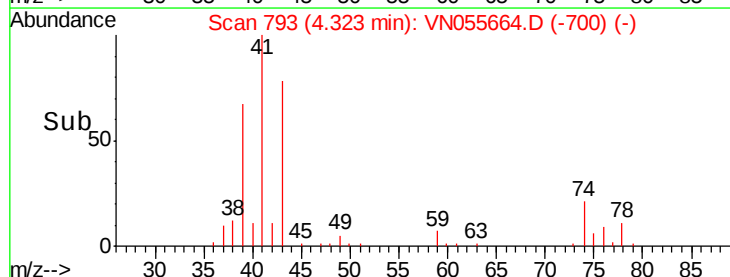
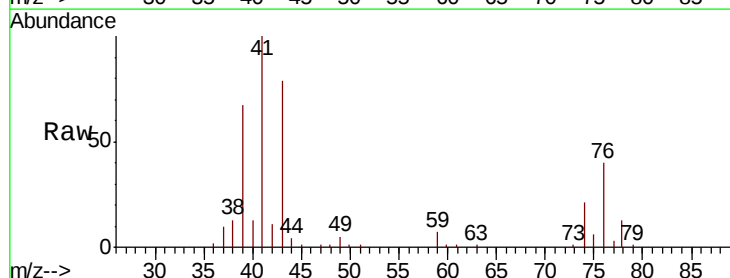
Acq: 20 May 2019 11:13

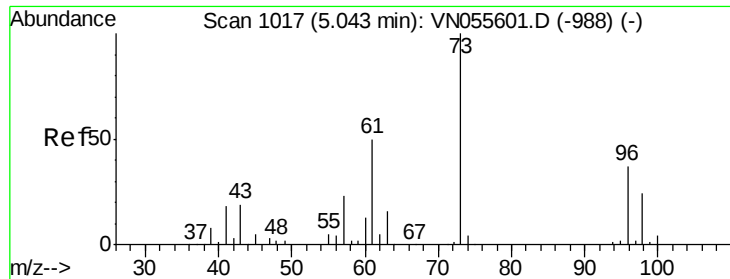
Tgt Ion: 43 Resp: 63920

Ion Ratio Lower Upper

43 100

74 26.4 19.9 29.9

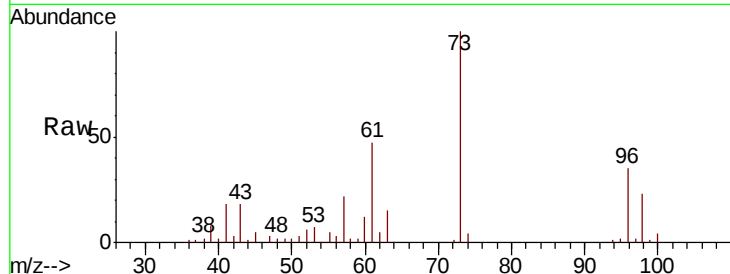




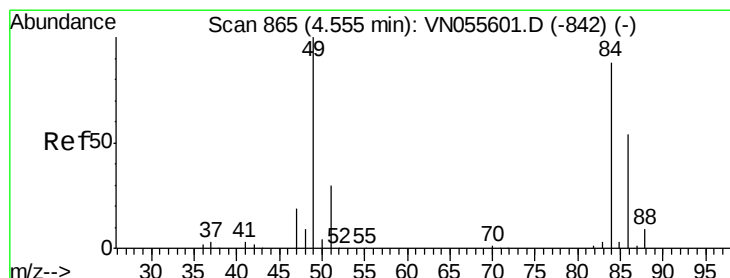
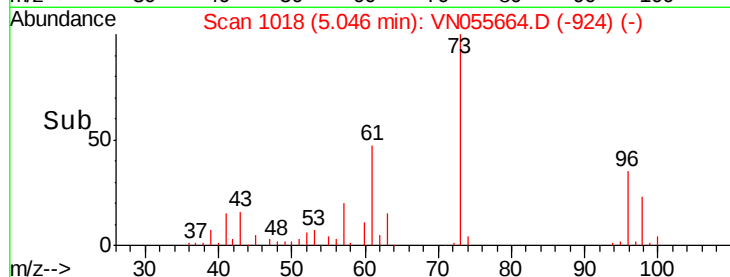
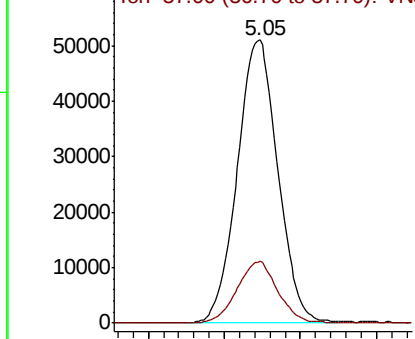
#19

Methyl tert-butyl Ether
 Concen: 18.816 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion: 73 Resp: 189041
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.2 27.2



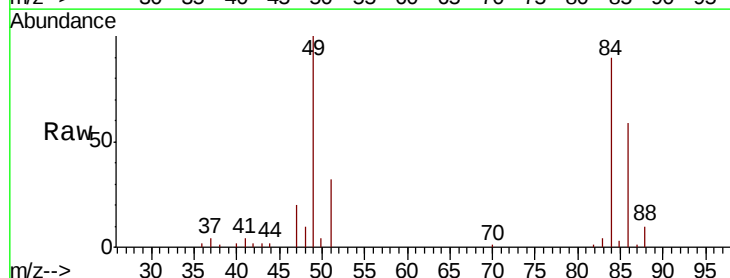
Abundance Ion 73.00 (72.70 to 73.70): VN055601.D (-988) (-)
 Ion 57.00 (56.70 to 57.70): VN055601.D (-988) (-)



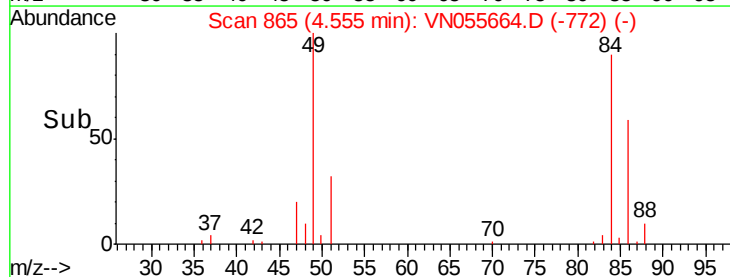
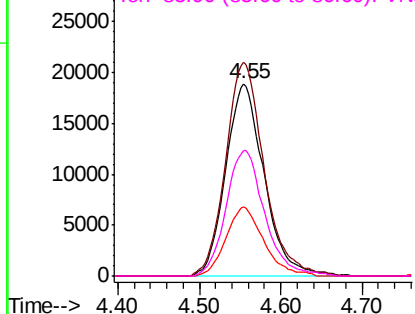
#20

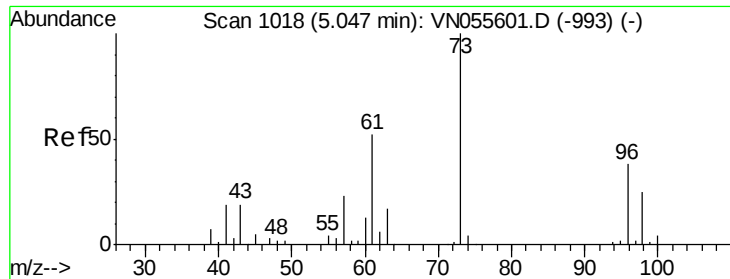
Methylene Chloride
 Concen: 18.304 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 84 Resp: 62142
 Ion Ratio Lower Upper
 84 100
 49 111.2 91.0 136.4
 51 35.9 27.5 41.3
 86 65.3 49.4 74.0



Abundance Ion 83.90 (83.60 to 84.60): VN055601.D (-842) (-)
 Ion 48.90 (48.60 to 49.60): VN055601.D (-842) (-)
 Ion 50.90 (50.60 to 51.60): VN055601.D (-842) (-)
 Ion 85.90 (85.60 to 86.60): VN055601.D (-842) (-)

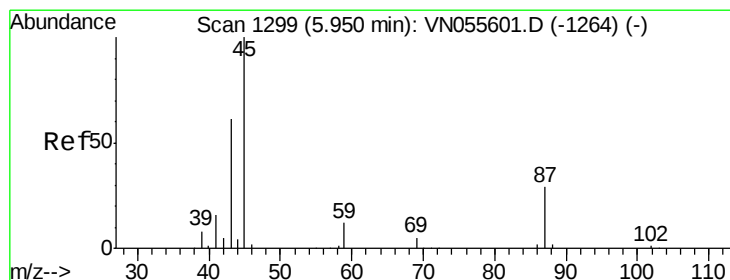
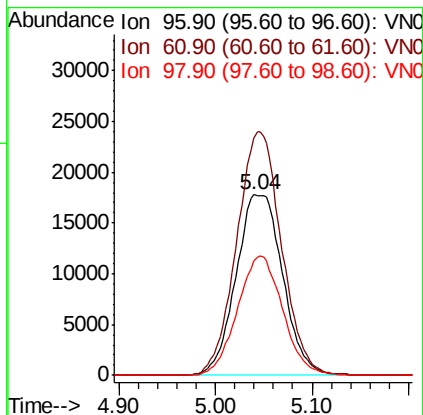
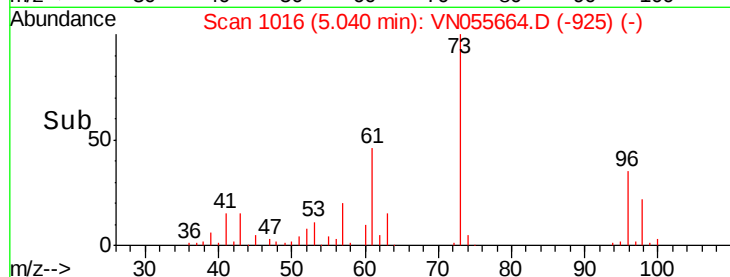
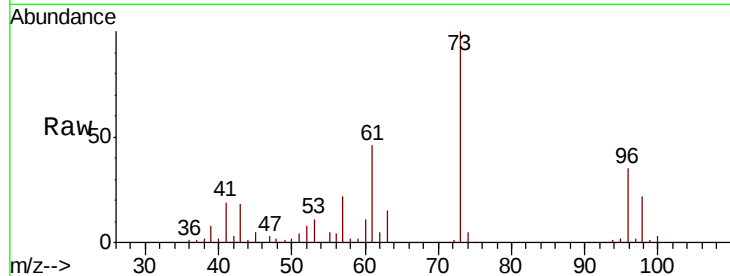




#21

trans-1,2-Dichloroethene
Concen: 18.413 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

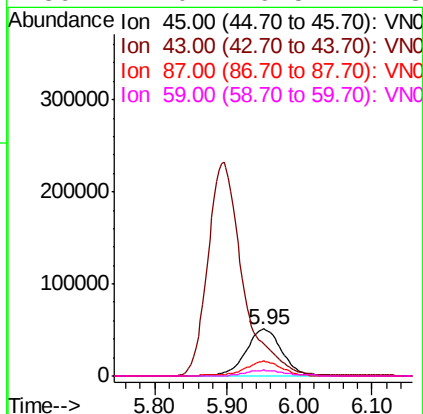
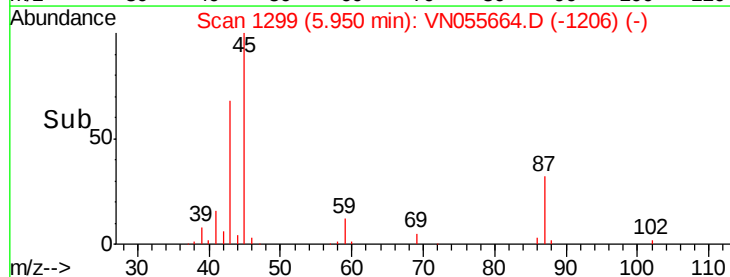
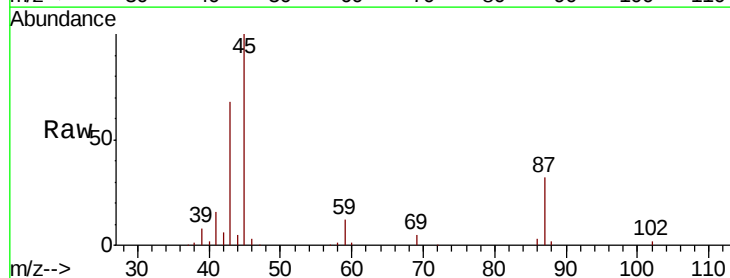
Tot Ion: 96 Resp: 59571
Ion Ratio Lower Upper
96 100
61 131.7 108.6 162.8
98 63.3 51.4 77.0

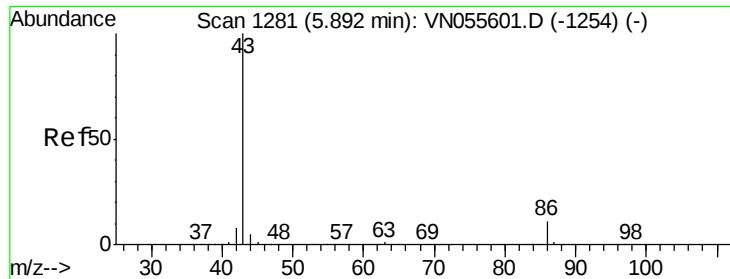


#22

Diisopropyl ether
Concen: 18.203 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 45 Resp: 176844
Ion Ratio Lower Upper
45 100
43 65.6 50.4 75.6
87 31.2 23.8 35.6
59 12.0 9.5 14.3





#23

Vinyl Acetate

Concen: 94.608 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055664.D

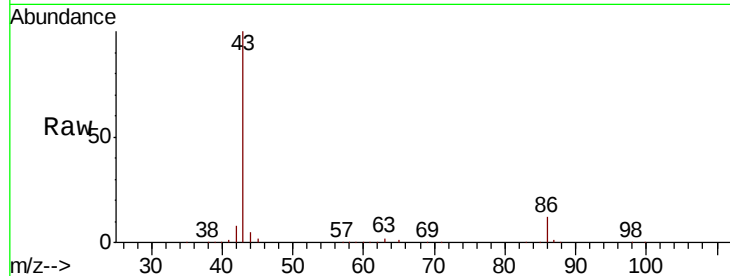
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 779901

Ion Ratio Lower Upper

43 100

86 11.6 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

250000

200000

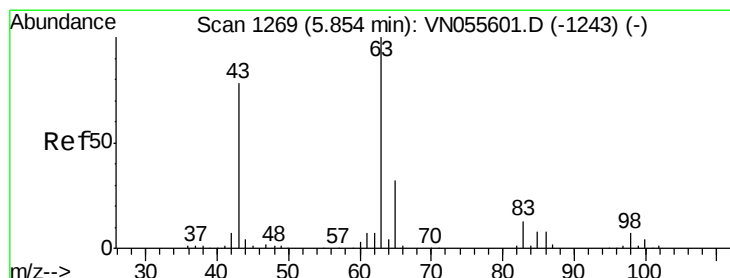
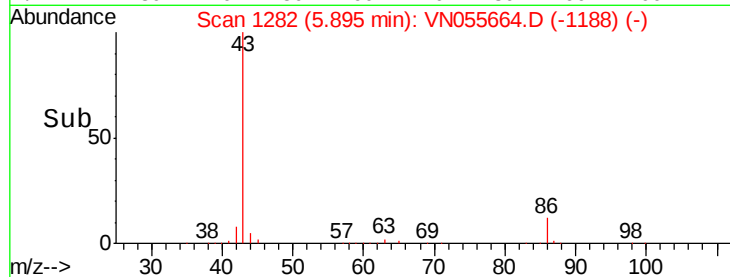
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.693 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

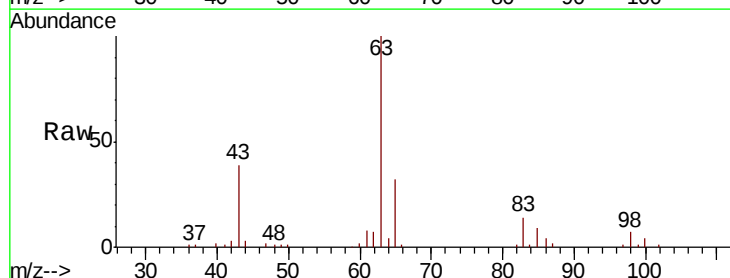
Tgt Ion: 63 Resp: 106481

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.85

40000

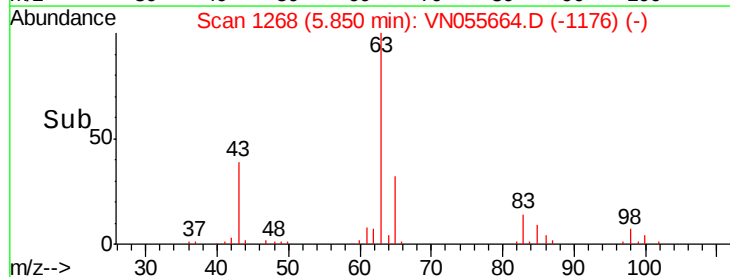
30000

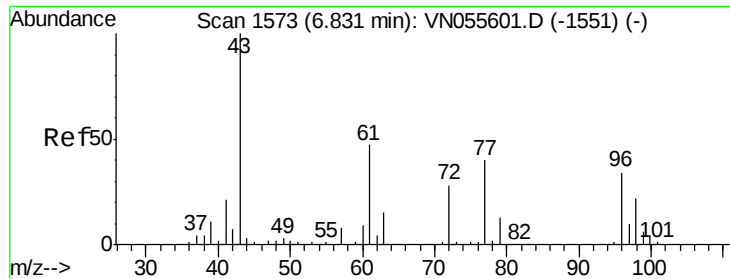
20000

10000

0

Time-->





#25

2-Butanone

Concen: 98.925 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055664.D

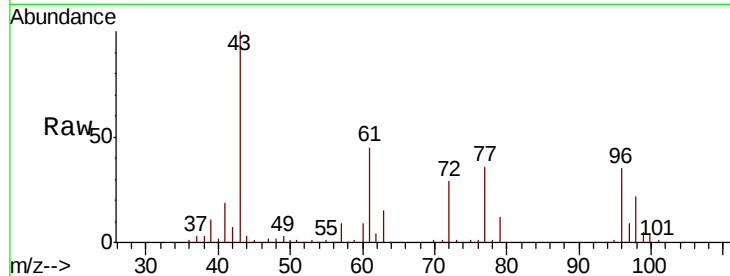
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 205768

Ion Ratio Lower Upper

43 100

72 28.5 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055601.D (-1551) (-)

6.83

80000

60000

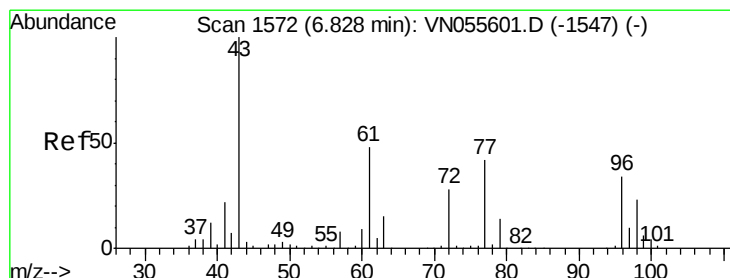
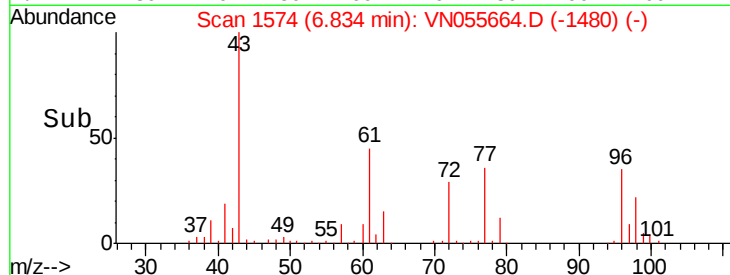
40000

20000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 17.489 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055664.D

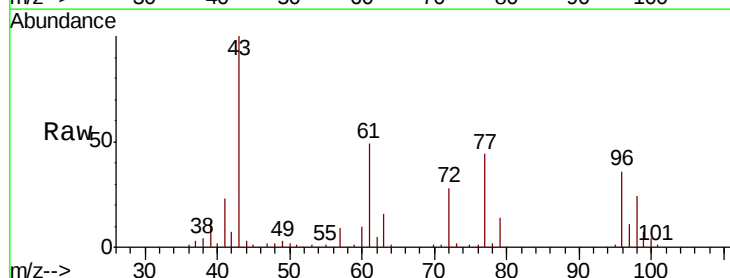
Acq: 20 May 2019 11:13

Tgt Ion: 77 Resp: 88417

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VN055601.D (-1547) (-)

Ion 96.90 (96.60 to 97.60): VN055601.D (-1547) (-)

6.82

30000

25000

20000

15000

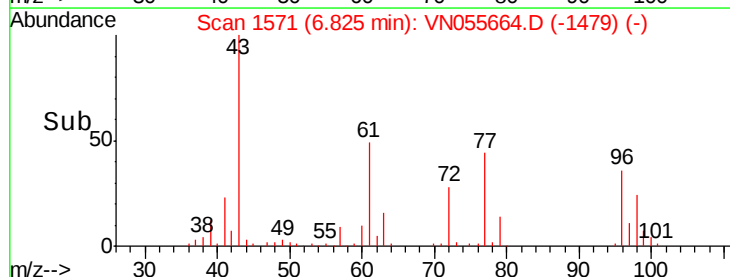
10000

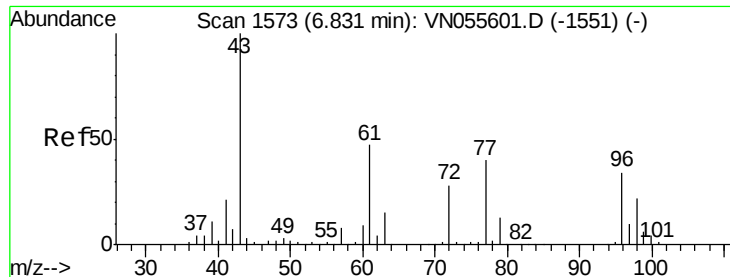
5000

0

6.70 6.80 6.90

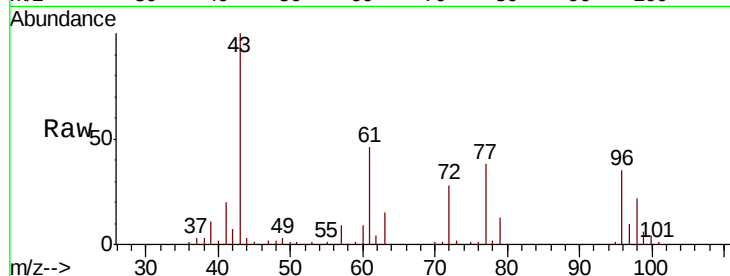
Time-->



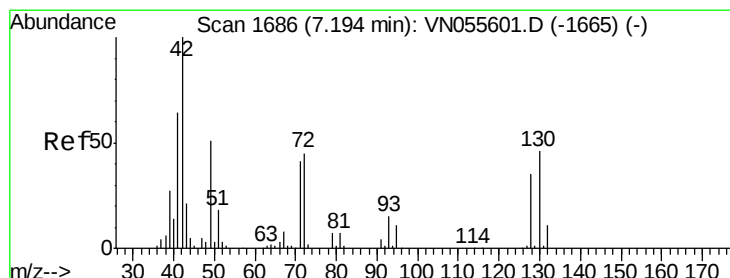
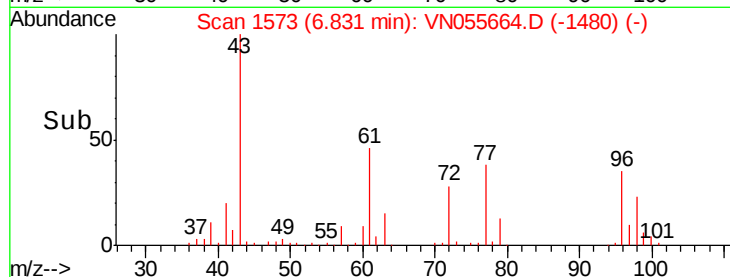
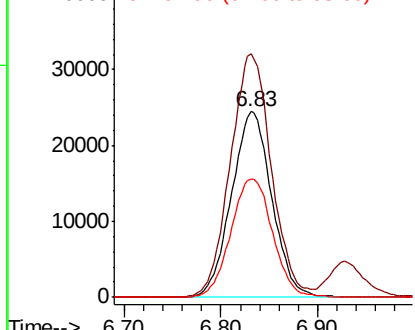


#27
 cis-1,2-Dichloroethene
 Concen: 18.809 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion: 96 Resp: 70859
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 279.0
 98 65.9 0.0 131.6

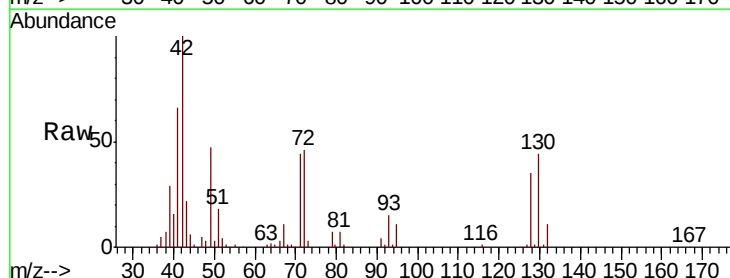


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

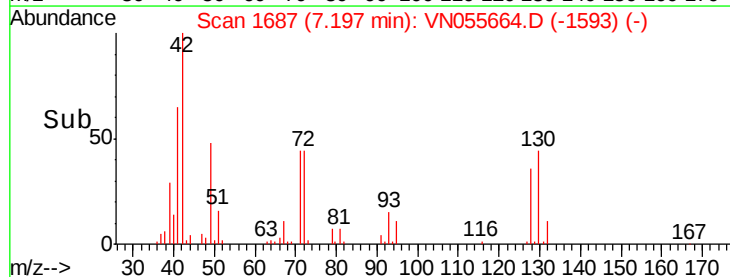
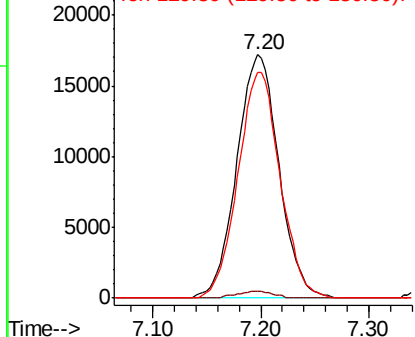


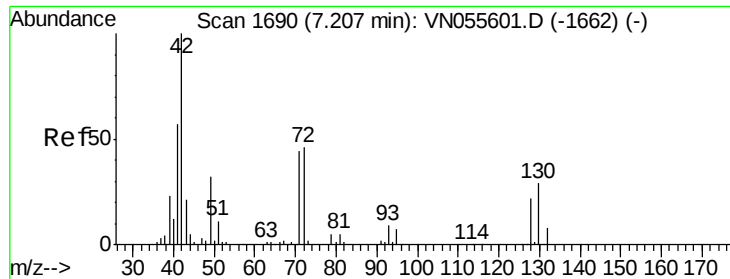
#28
 Bromochloromethane
 Concen: 18.839 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 49 Resp: 46688
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 92.6 71.0 106.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.103 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

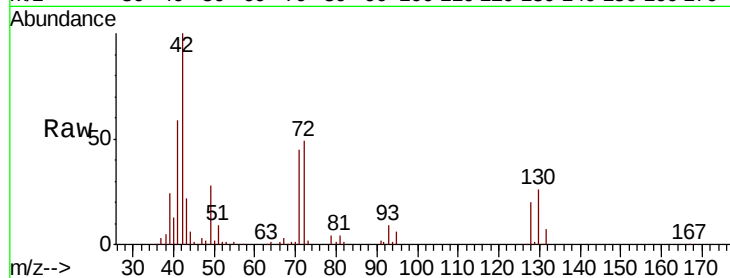
Tot Ion: 42 Resp: 135191

Ion Ratio Lower Upper

42 100

72 47.6 36.5 54.7

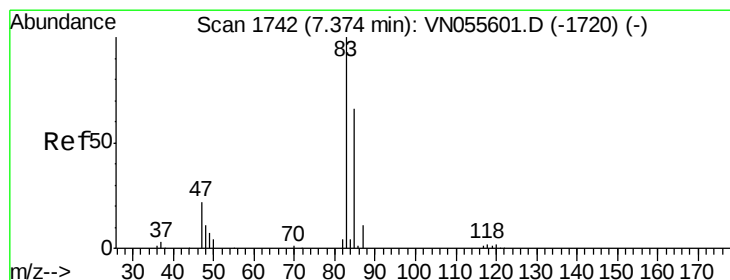
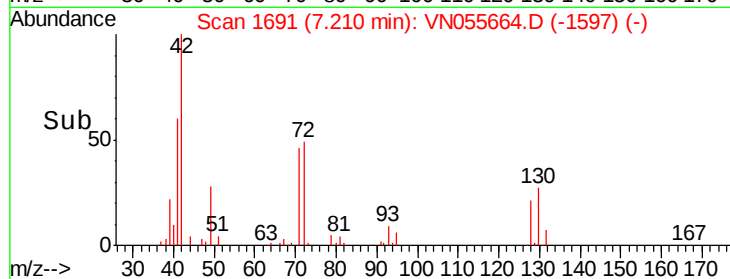
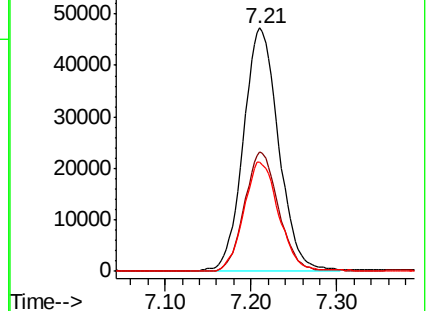
71 44.4 34.9 52.3



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.485 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VN055664.D

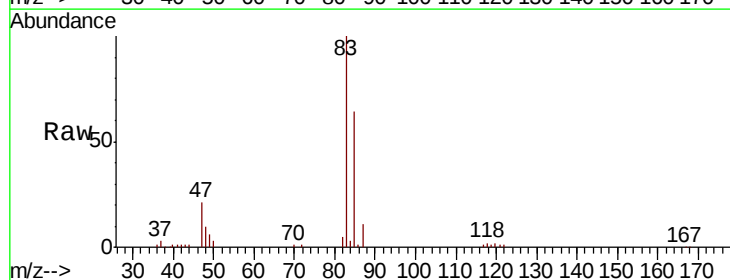
Acq: 20 May 2019 11:13

Tgt Ion: 83 Resp: 108085

Ion Ratio Lower Upper

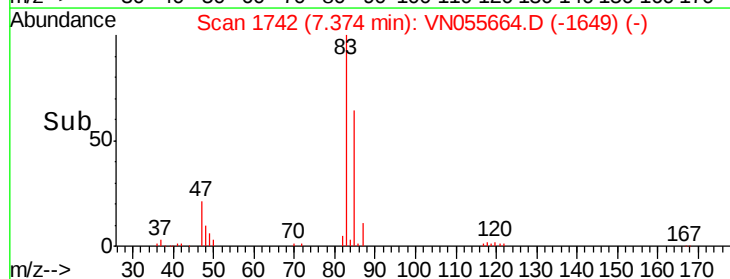
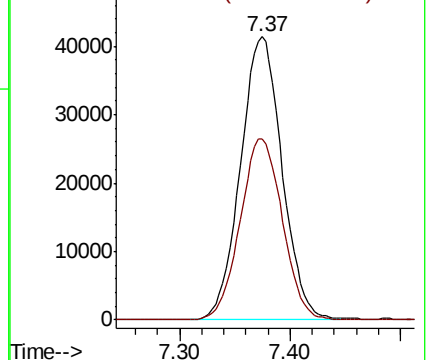
83 100

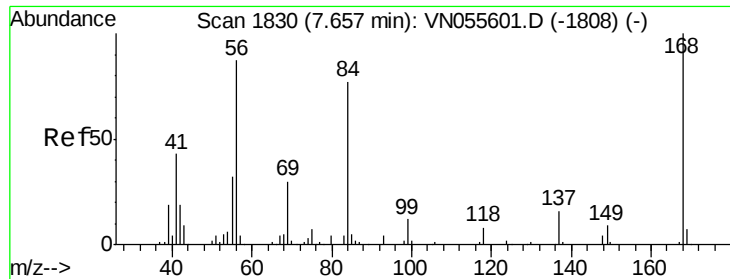
85 63.9 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

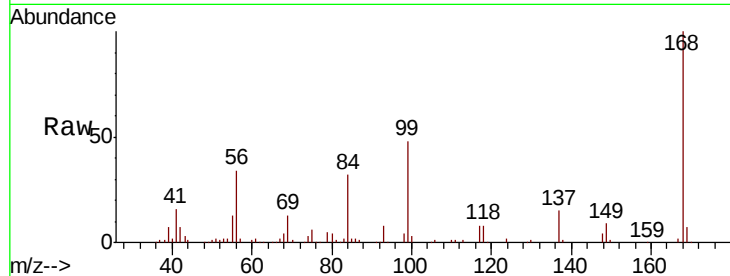
Ion 84.90 (84.60 to 85.60): VN0



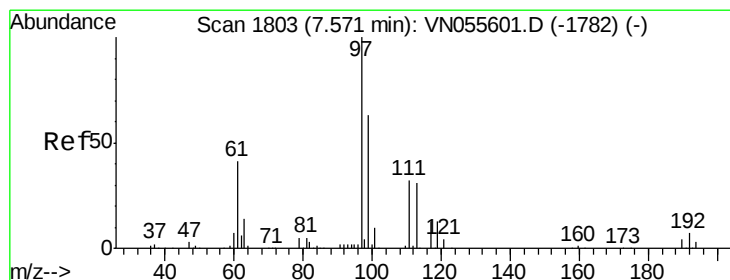
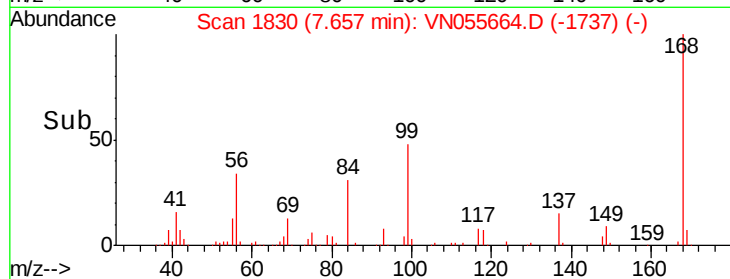
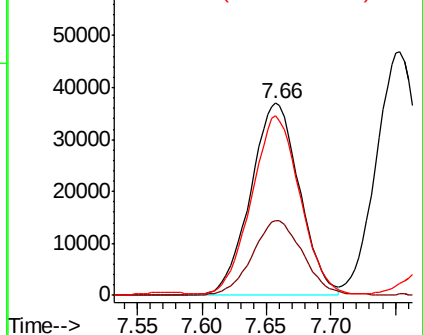


#31
Cvclohexane
Concen: 18.097 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion: 56 Resp: 97837
Ion Ratio Lower Upper
56 100
69 39.1 27.2 40.8
84 92.6 71.3 106.9

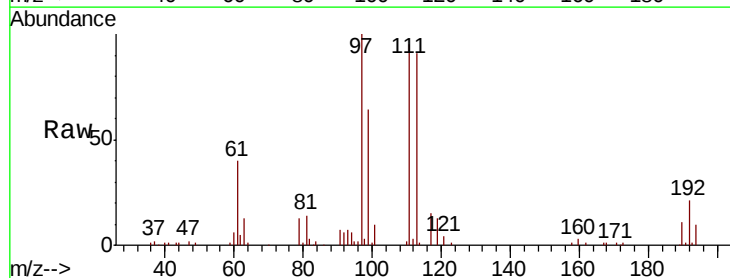


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

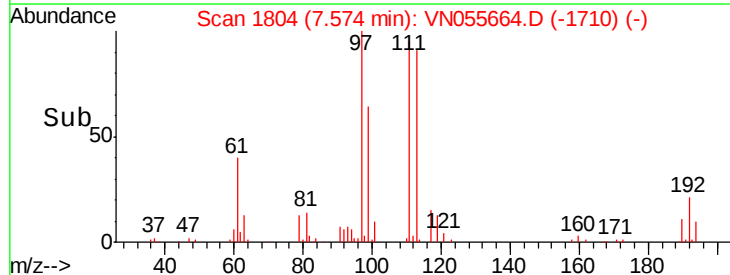
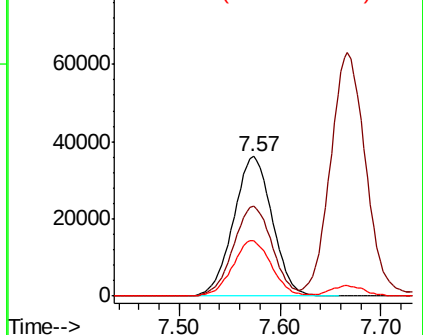


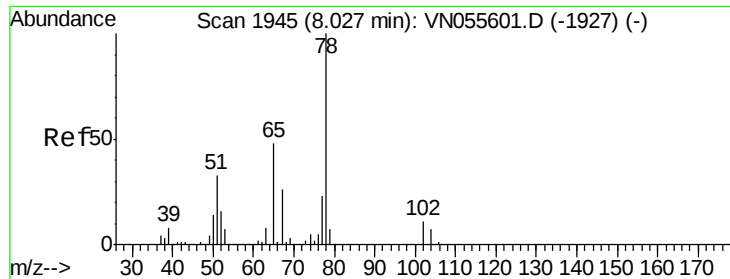
#32
1,1,1-Trichloroethane
Concen: 18.382 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 97 Resp: 96408
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 39.6 32.9 49.3



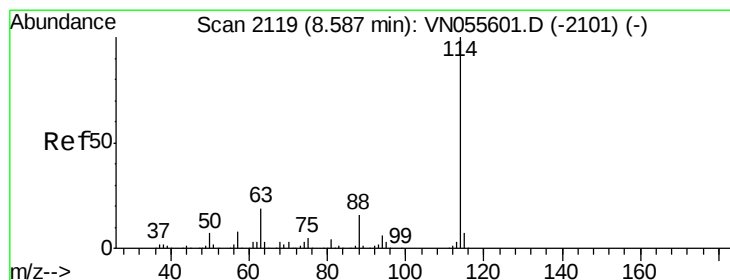
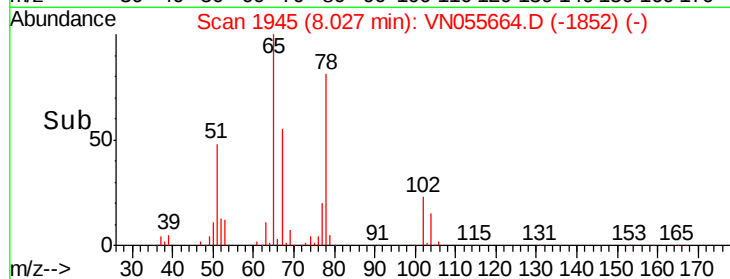
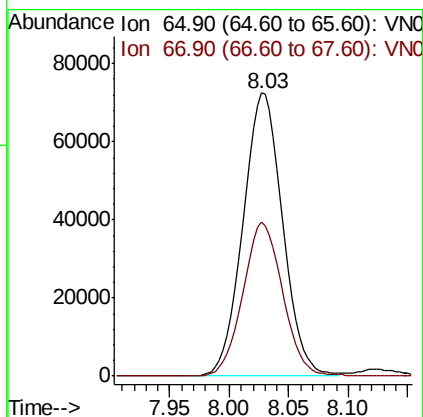
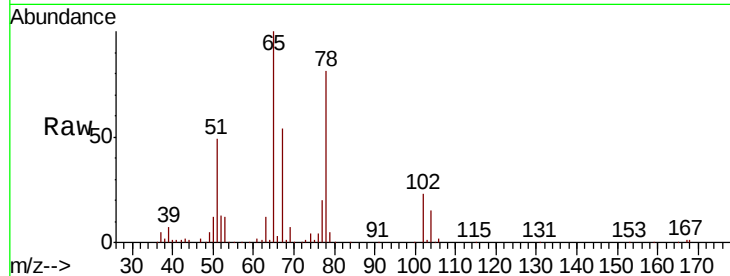
Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





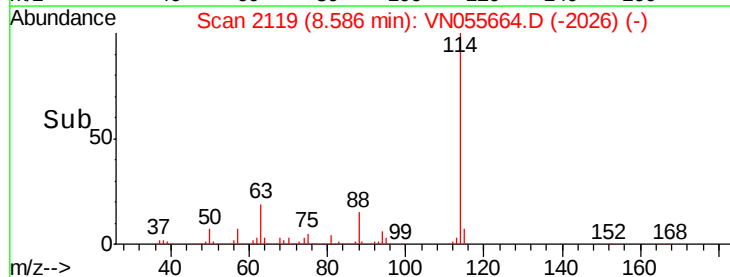
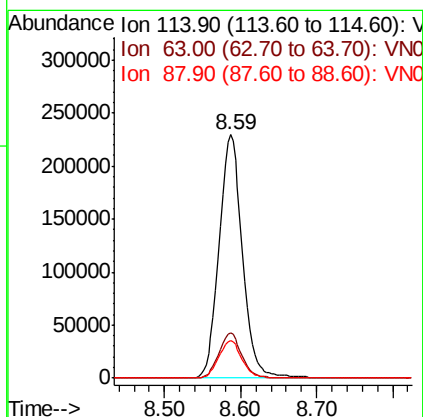
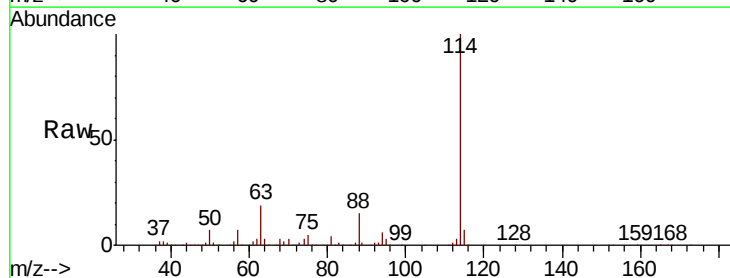
#33
 1,2-Dichloroethane-d4
 Concen: 45.894 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

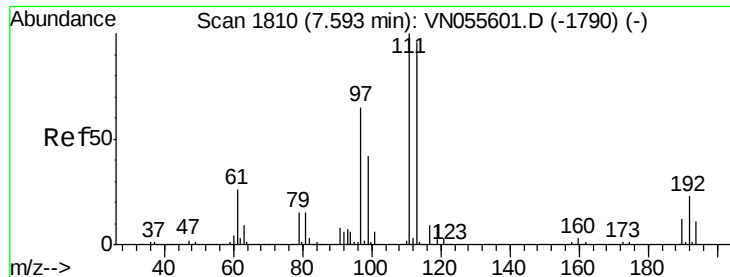
Tot Ion: 65 Resp: 167298
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion: 114 Resp: 489907
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.2
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.101 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

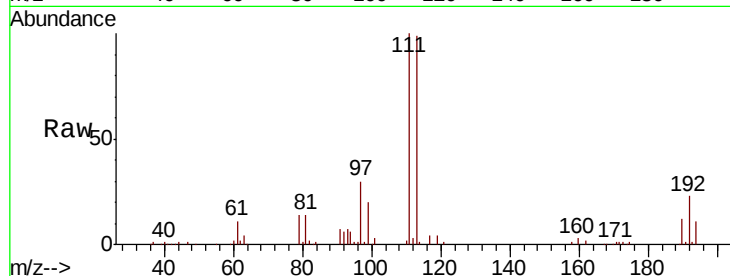
Tot Ion:113 Resp: 155921

Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

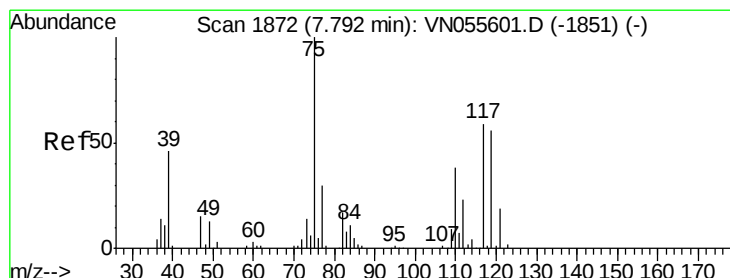
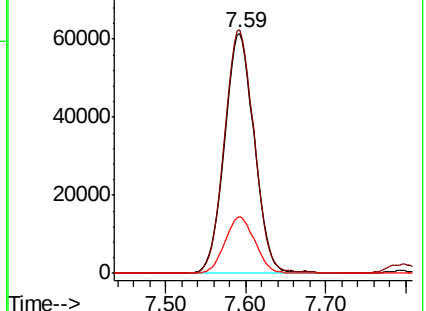
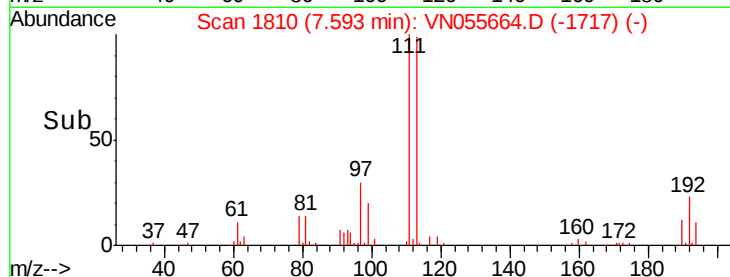
192 23.5 18.7 28.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.243 ug/l

RT: 7.80 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

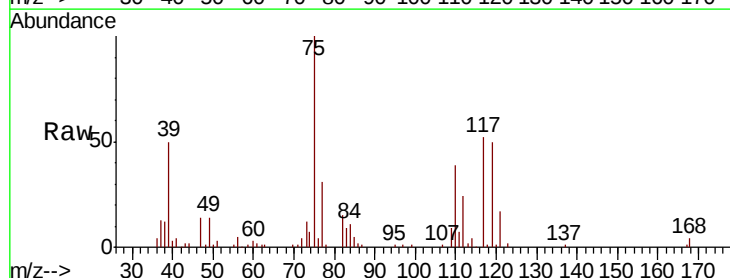
Tgt Ion: 75 Resp: 79682

Ion Ratio Lower Upper

75 100

110 39.1 18.6 55.6

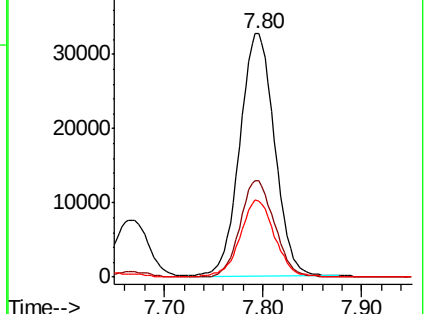
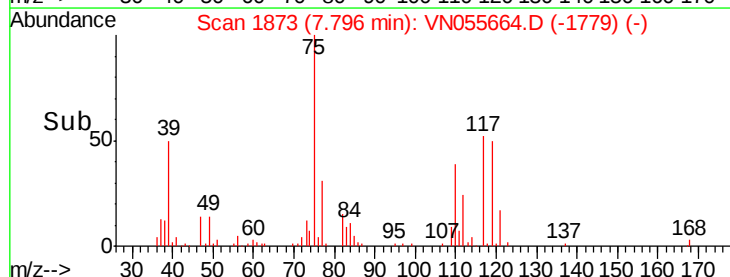
77 31.6 24.9 37.3

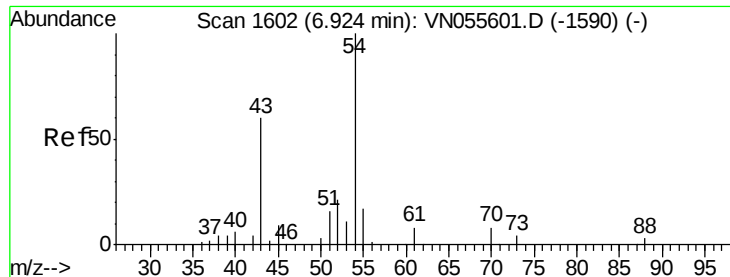


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

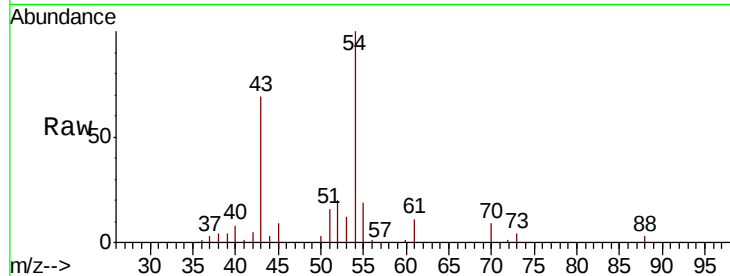
Ion 76.90 (76.60 to 77.60): V



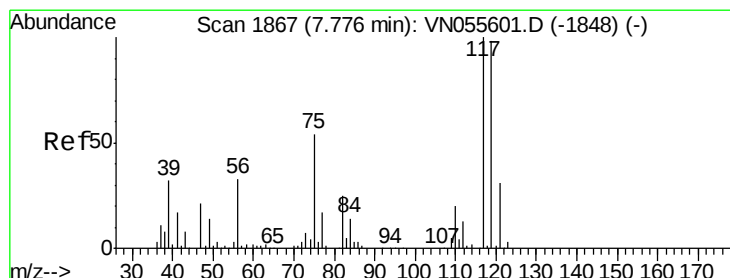
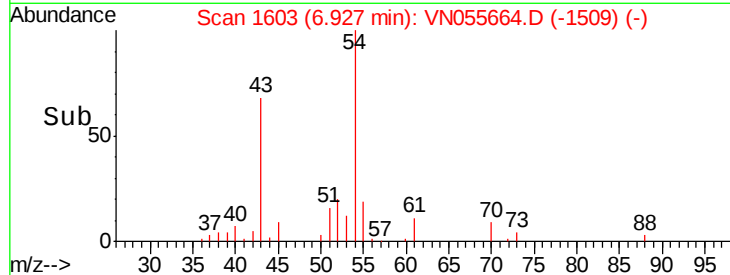
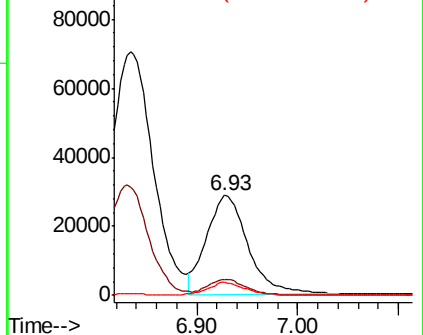


#37
Ethyl Acetate
Concen: 20.771 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 81869
Ion Ratio Lower Upper
43 100
61 15.3 11.4 17.0
70 11.9 9.2 13.8

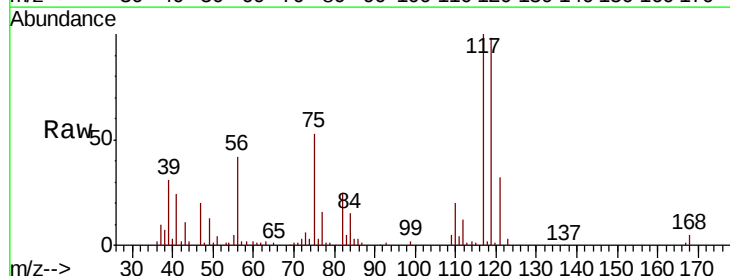


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

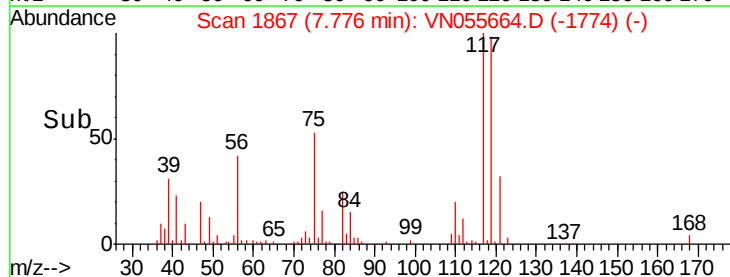
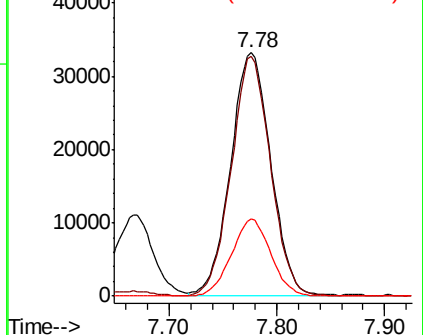


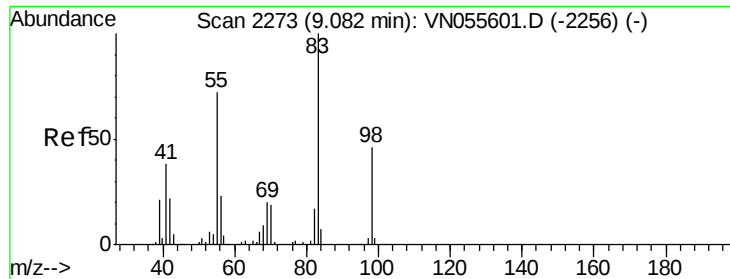
#38
Carbon Tetrachloride
Concen: 18.524 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 117 Resp: 86460
Ion Ratio Lower Upper
117 100
119 98.4 77.8 116.8
121 31.6 24.6 37.0



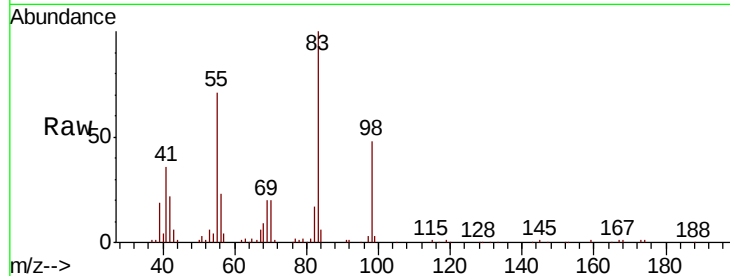
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



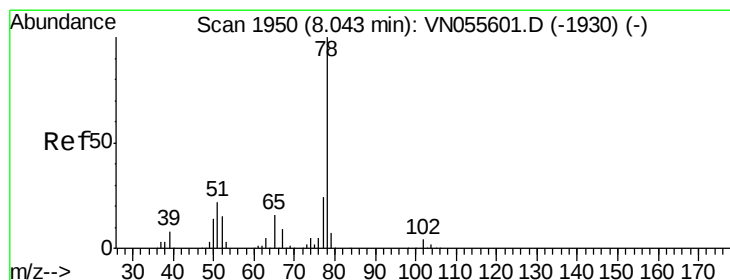
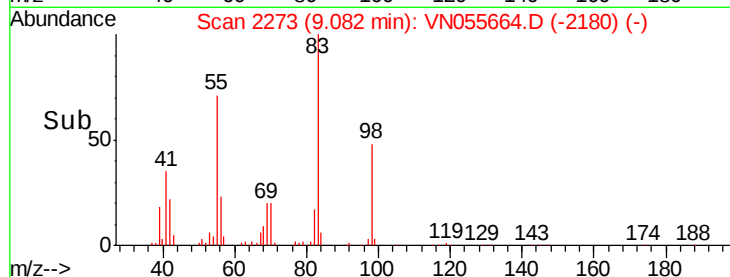
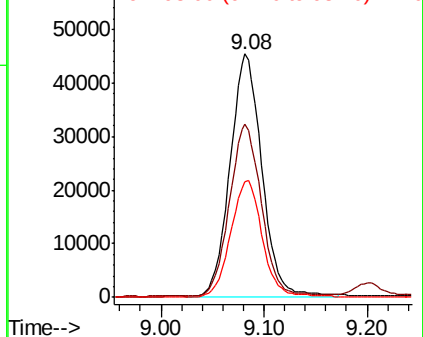


#39
Methvlcvclohexane
Concen: 18.436 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion: 83 Resp: 97071
Ion Ratio Lower Upper
83 100
55 70.9 57.8 86.6
98 47.7 36.7 55.1

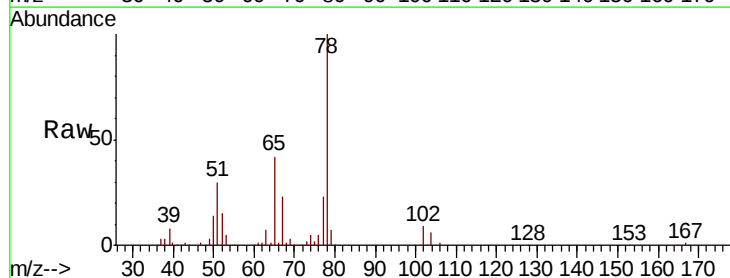


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

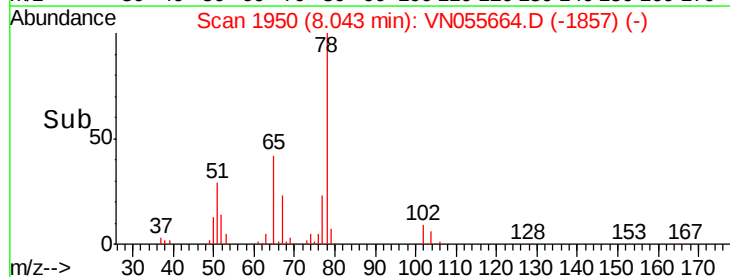
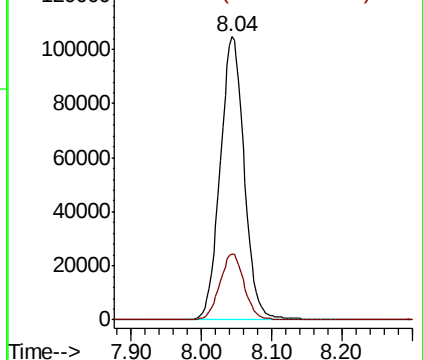


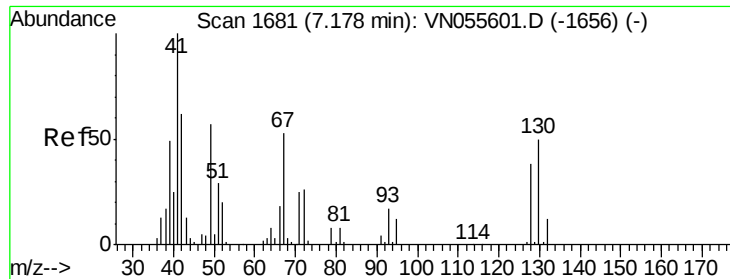
#40
Benzene
Concen: 19.416 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 78 Resp: 249440
Ion Ratio Lower Upper
78 100
77 23.4 18.9 28.3



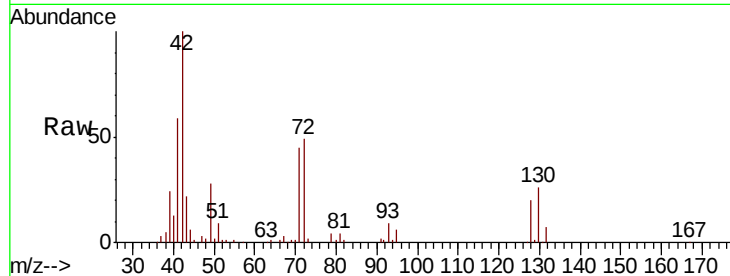
Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0



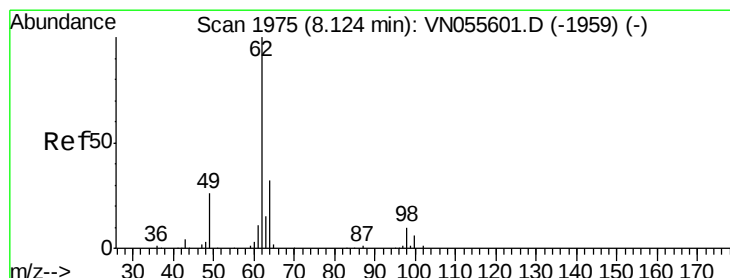
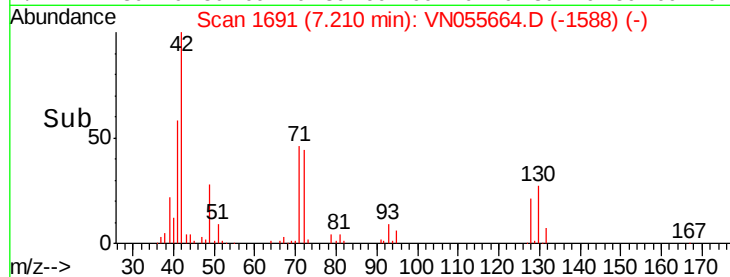
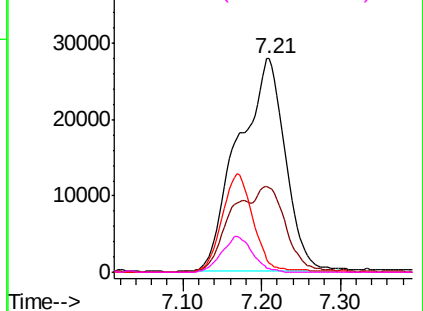


#41
Methacrylonitrile
Concen: 69.276 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion:	41	Resp:	116737
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

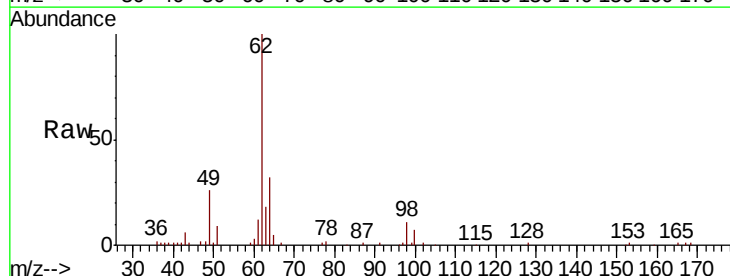


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

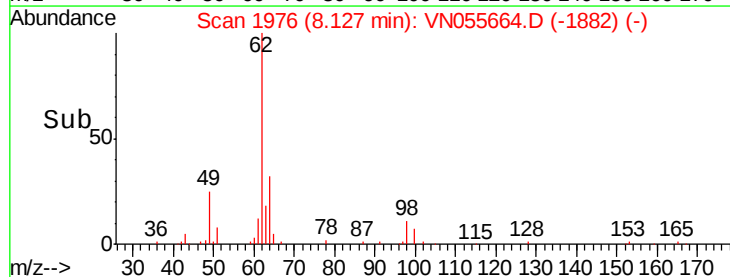
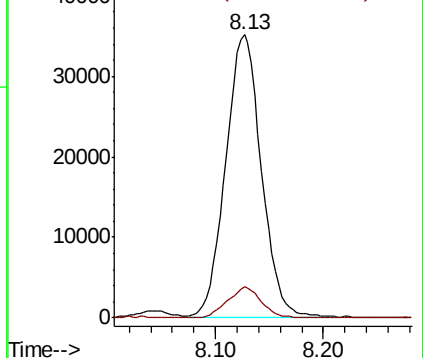


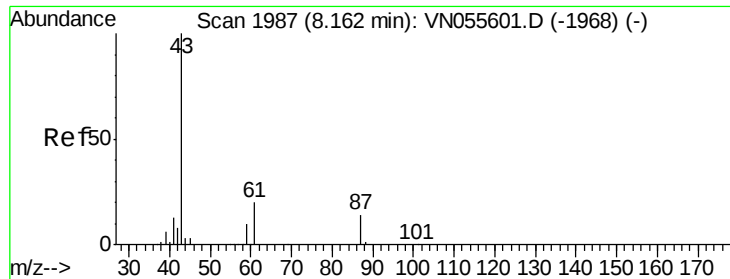
#42
1,2-Dichloroethane
Concen: 19.555 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion:	62	Resp:	81352
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

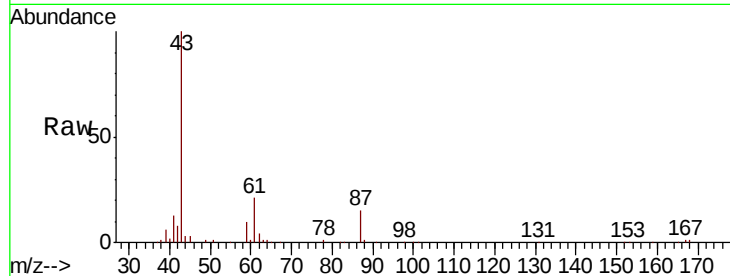




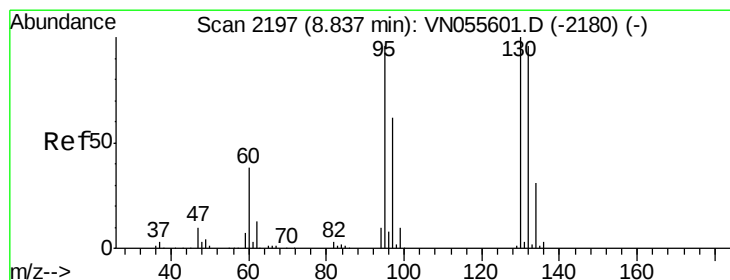
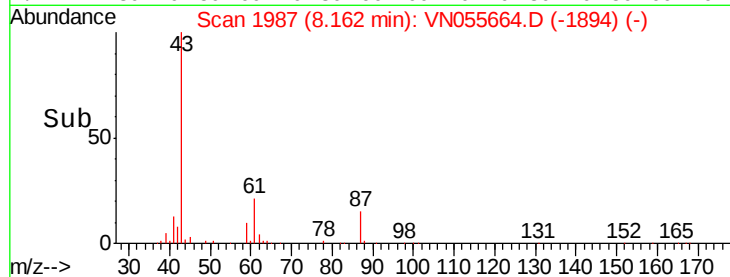
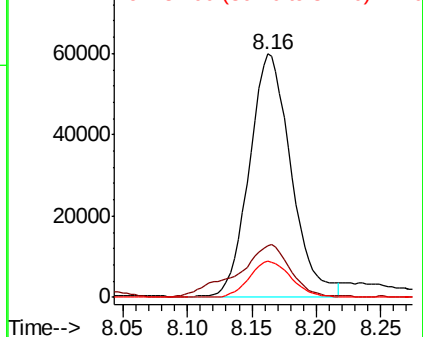
#43

Isopropyl Acetate
 Concen: 19.549 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion	43	61	87	Resp	134028
Ion Ratio	100	28.0	15.2		
Lower		22.1	11.8		
Upper		33.1	17.6		



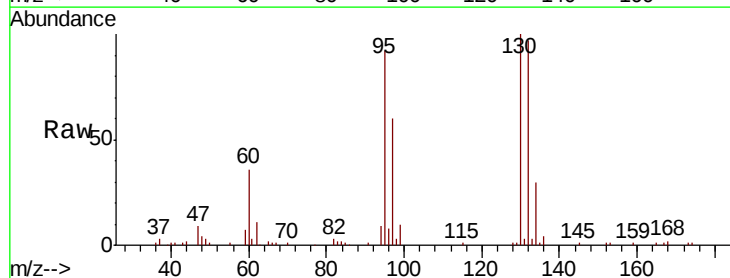
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



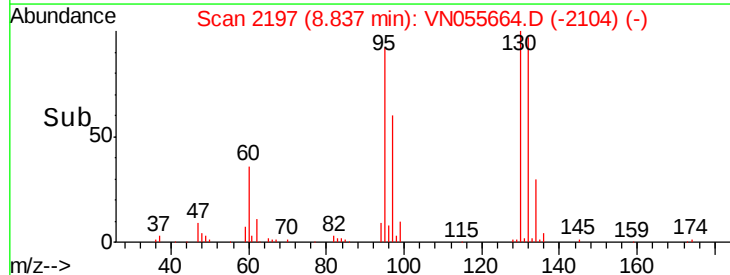
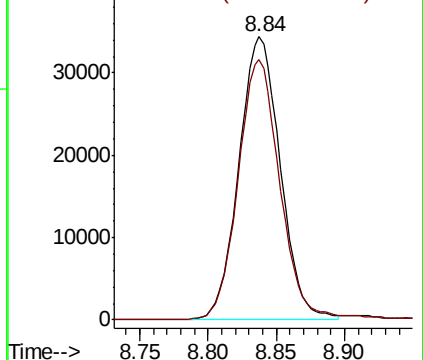
#44

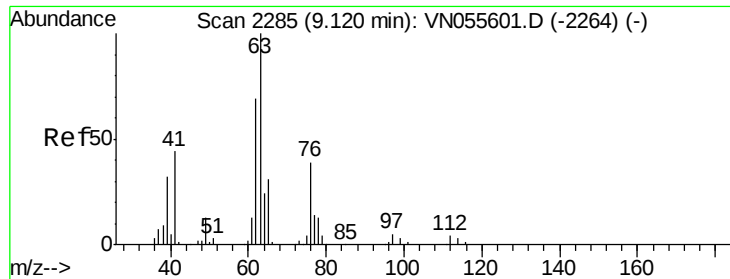
Trichloroethene
 Concen: 19.982 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion	130	95	Resp	72438
Ion Ratio	100	91.8		
Lower		0.0		
Upper		191.0		



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.364 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN055664.D

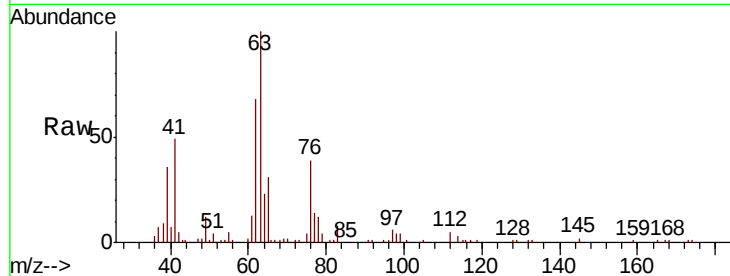
Acq: 20 May 2019 11:13

Tot Ion: 63 Resp: 65535

Ion Ratio Lower Upper

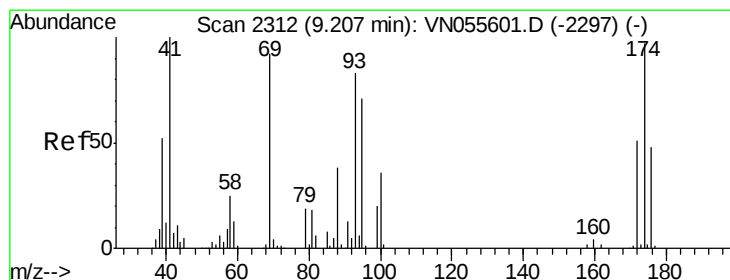
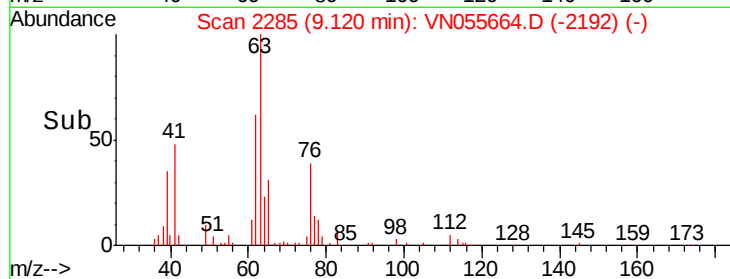
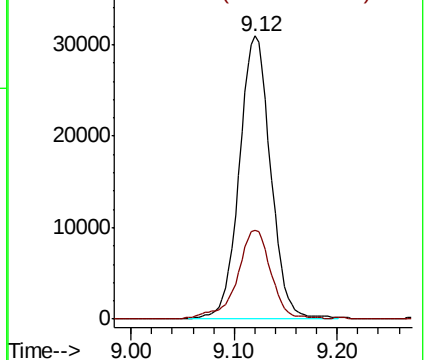
63 100

65 30.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.107 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

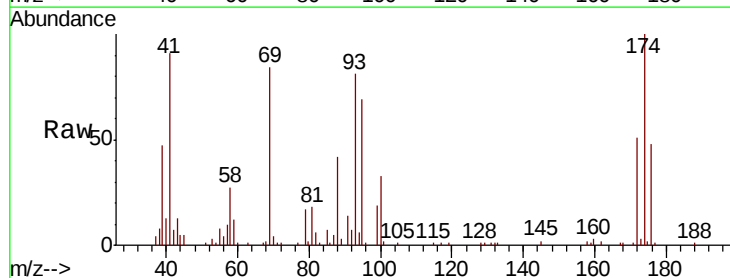
Tgt Ion: 93 Resp: 44540

Ion Ratio Lower Upper

93 100

95 85.5 67.9 101.9

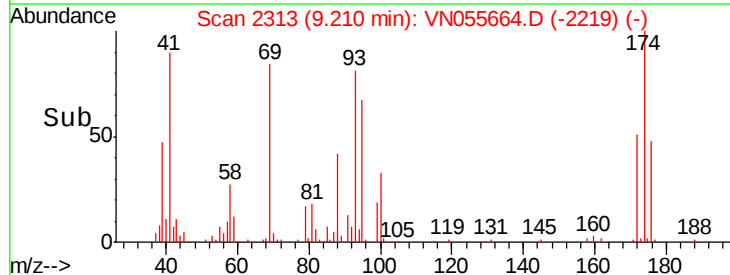
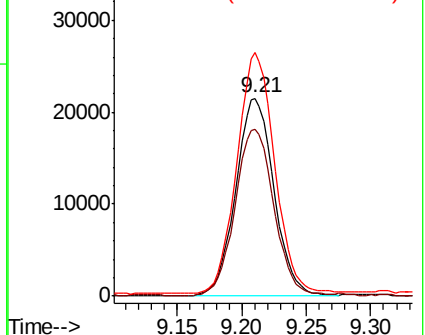
174 119.5 93.8 140.6

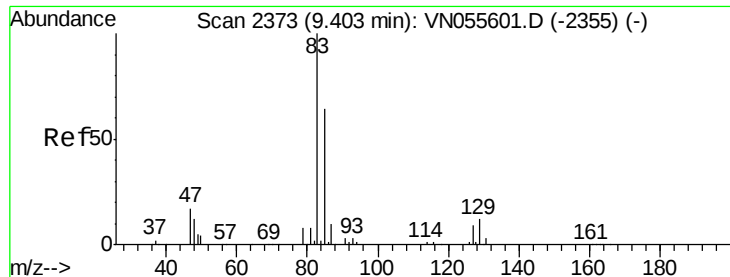


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.570 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

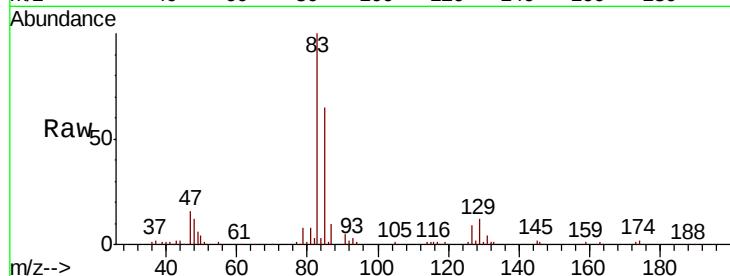
Tot Ion: 83 Resp: 86210

Ion Ratio Lower Upper

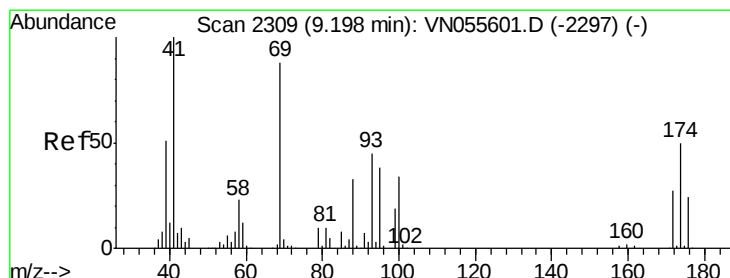
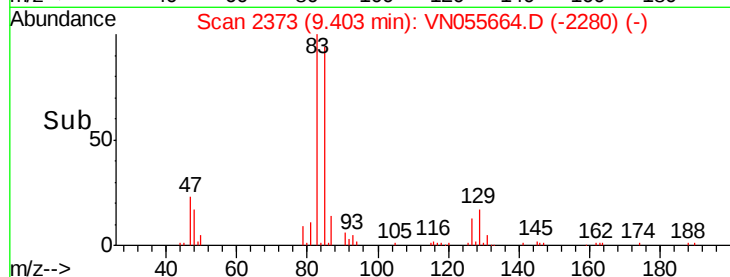
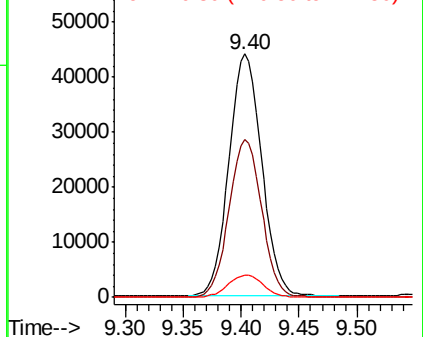
83 100

85 65.1 51.4 77.0

127 9.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.882 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

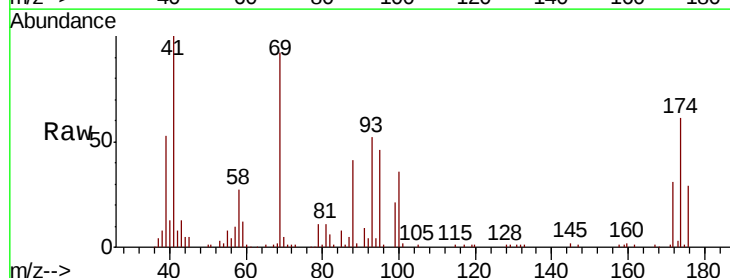
Tgt Ion: 41 Resp: 60927

Ion Ratio Lower Upper

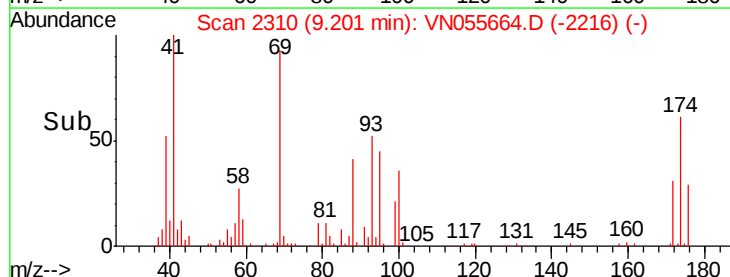
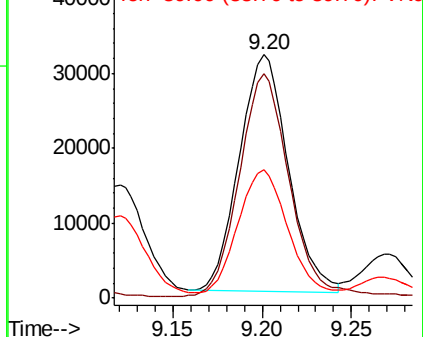
41 100

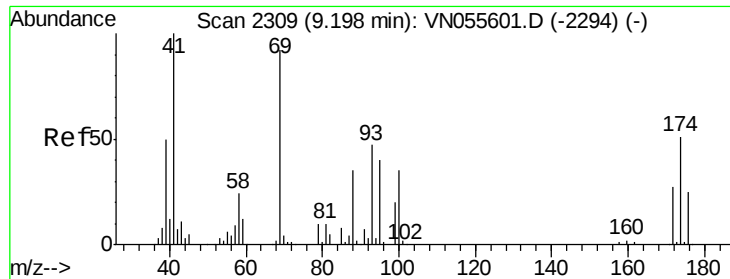
69 97.2 74.2 111.2

39 55.7 43.8 65.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 492.210 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

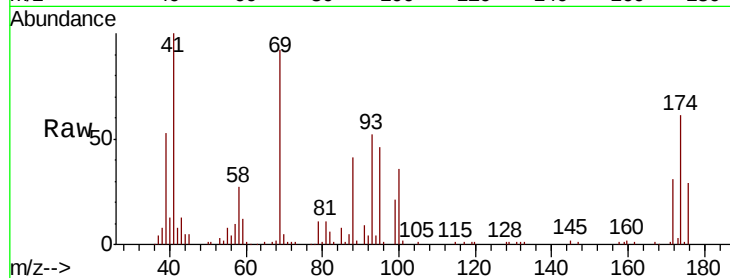
Tot Ion: 88 Resp: 29972

Ion Ratio Lower Upper

88 100

43 26.6 22.4 33.6

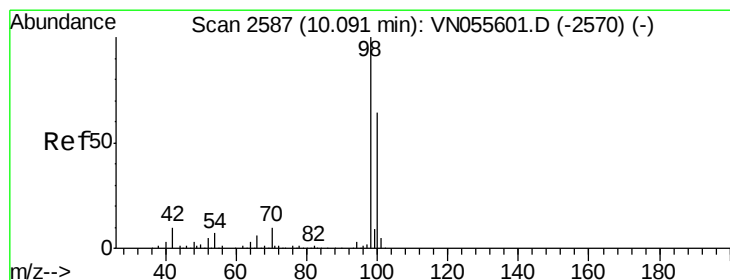
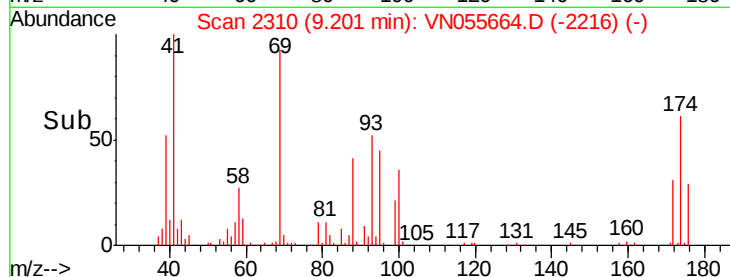
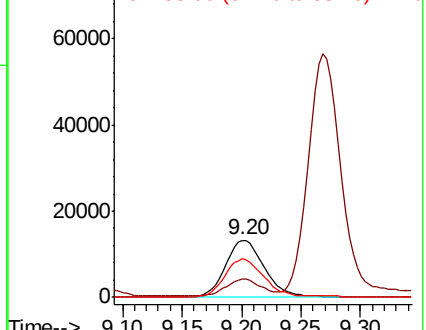
58 67.4 53.4 80.2



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.140 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055664.D

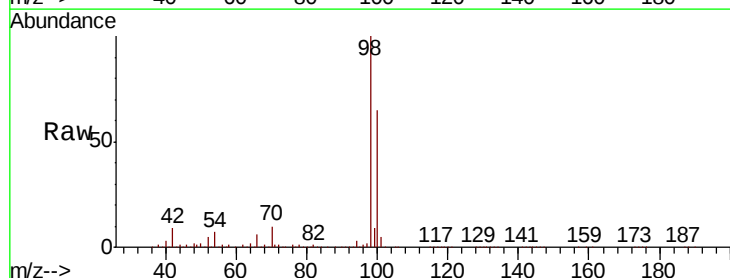
Acq: 20 May 2019 11:13

Tgt Ion: 98 Resp: 578246

Ion Ratio Lower Upper

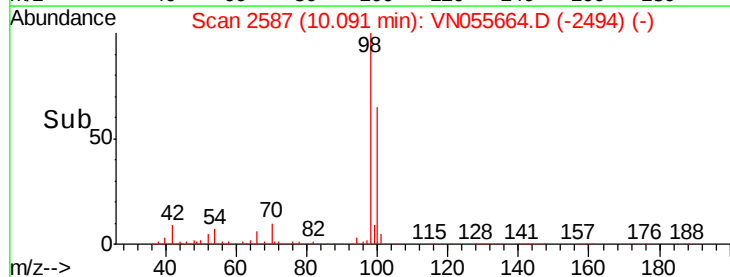
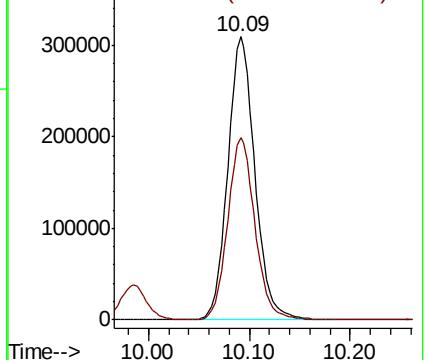
98 100

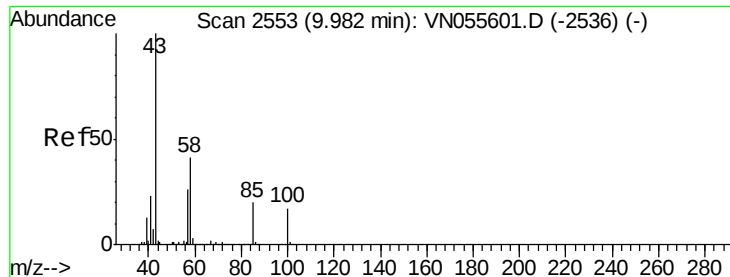
100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 100.888 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055664.D

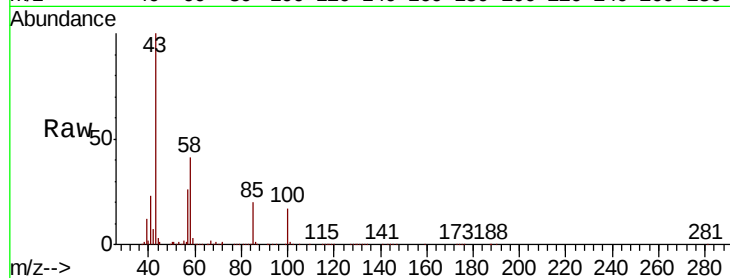
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 405736

Ion Ratio Lower Upper

43 100

58 41.7 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

250000

200000

150000

100000

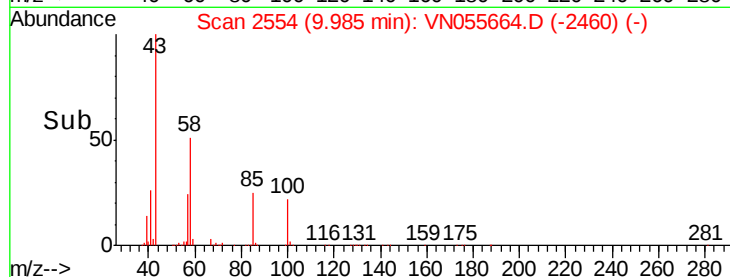
50000

0

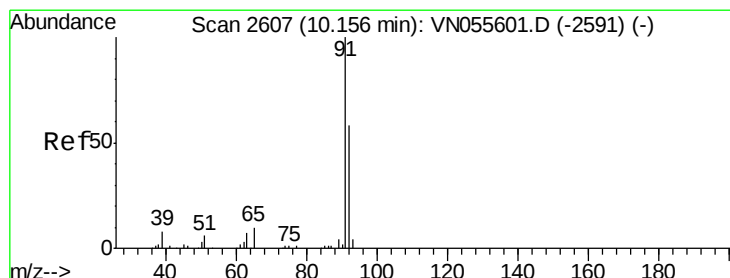
9.90

10.00

10.10



Time-->



#52

Toluene

Concen: 19.512 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN055664.D

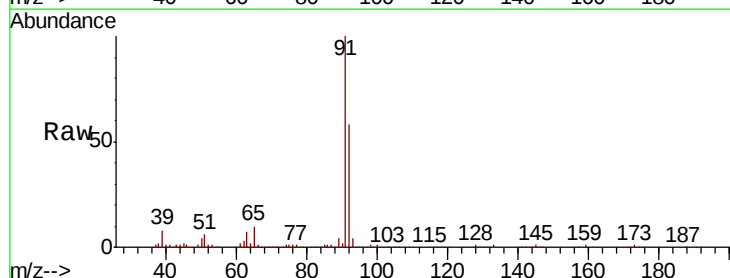
Acq: 20 May 2019 11:13

Tgt Ion: 92 Resp: 157226

Ion Ratio Lower Upper

92 100

91 174.3 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VN055601.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN055601.D (-2591) (-)

150000

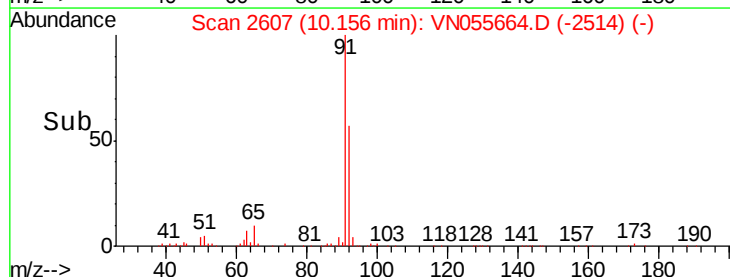
100000

50000

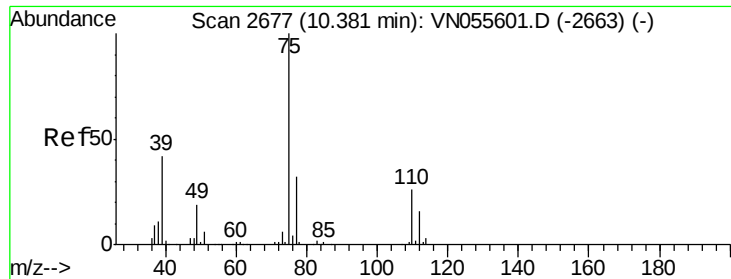
0

10.10

10.20

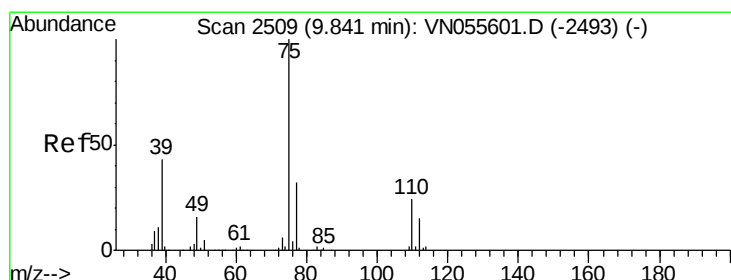
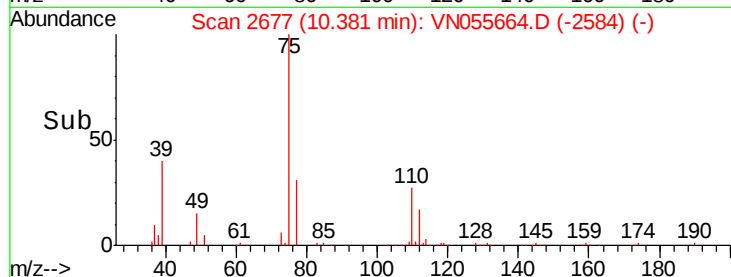
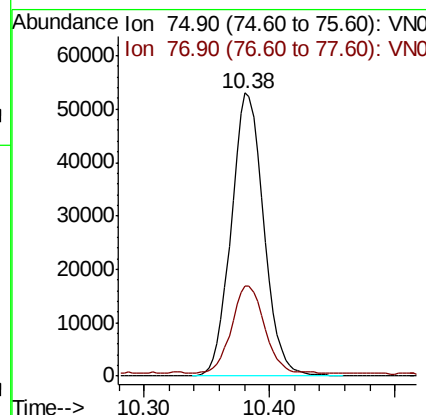
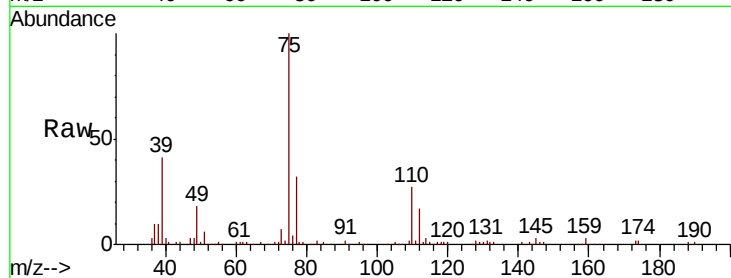


Time-->



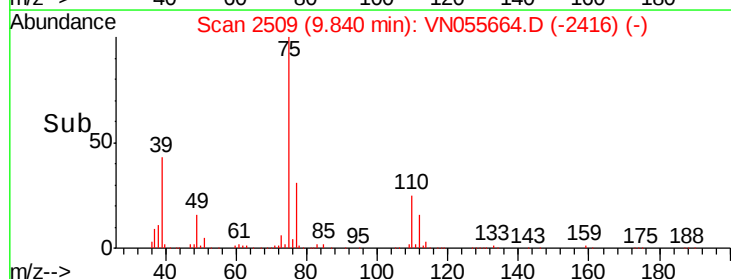
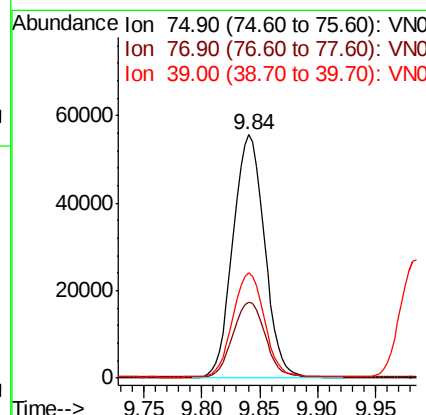
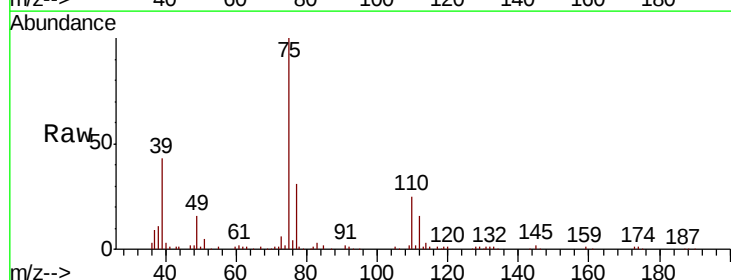
#53
t-1,3-Dichloropropene
Concen: 19.080 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

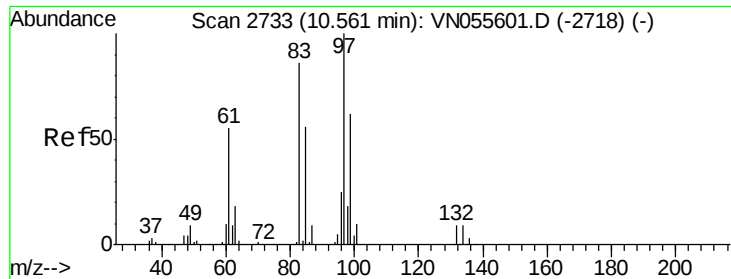
Tot Ion: 75 Resp: 95335
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 19.217 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

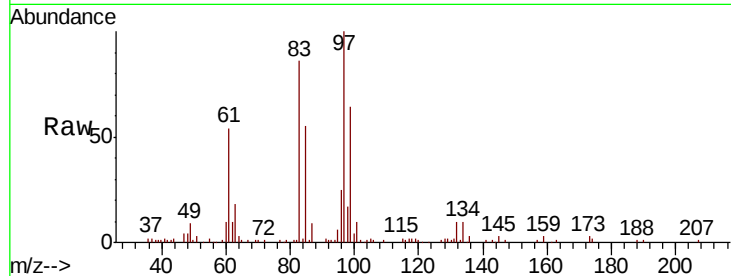
Tgt Ion: 75 Resp: 105191
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 42.7 34.7 52.1





#55
 1,1,2-Trichloroethane
 Concen: 19.568 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion:	97	Resp:	64913
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.4	102.6
85	54.6	44.8	67.2
99	64.5	49.9	74.9



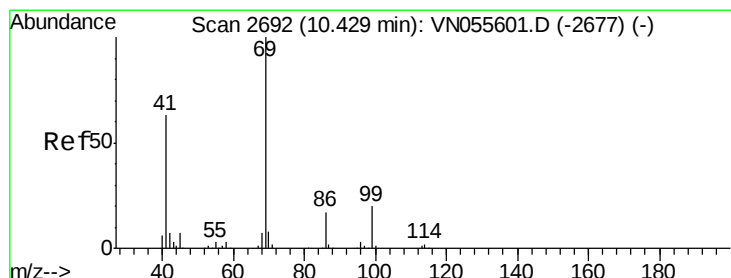
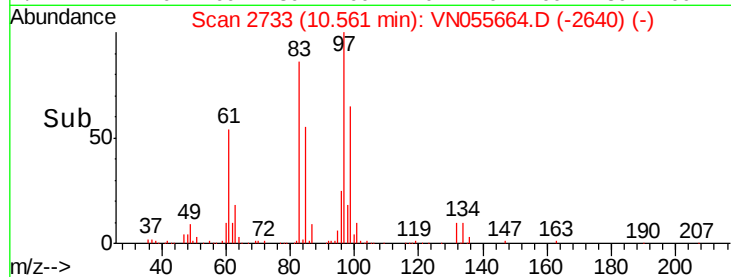
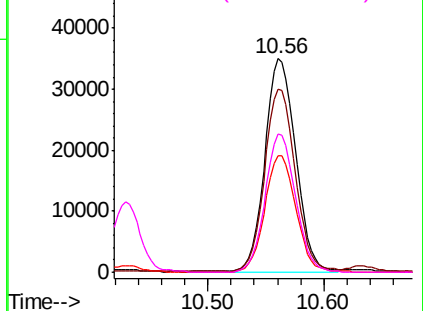
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

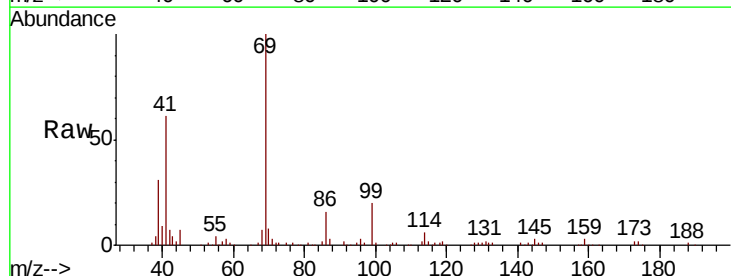
Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 19.529 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion:	69	Resp:	101128
Ion	Ratio	Lower	Upper
69	100		
41	60.5	50.3	75.5
39	30.4	25.4	38.2

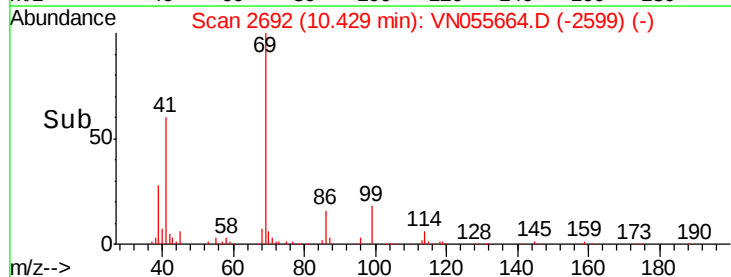
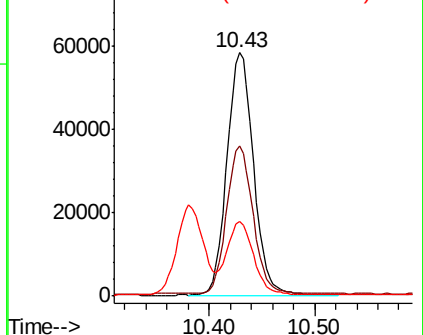


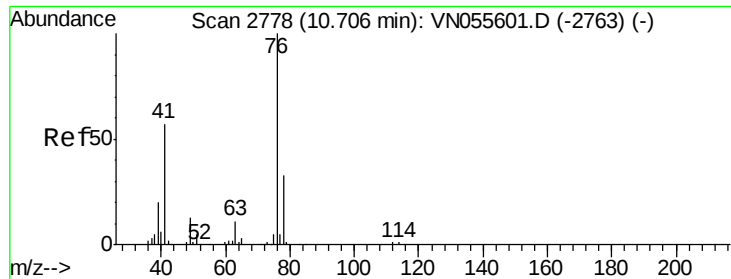
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 19.672 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN055664.D

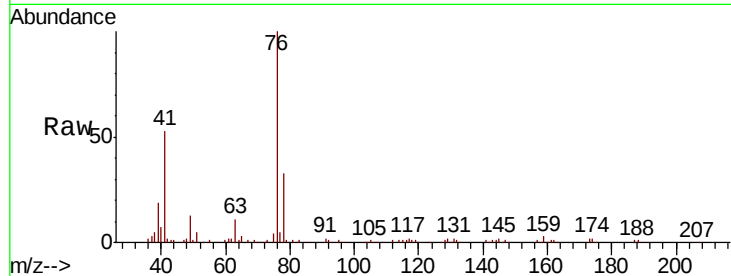
Acq: 20 May 2019 11:13

Tot Ion: 76 Resp: 103354

Ion Ratio Lower Upper

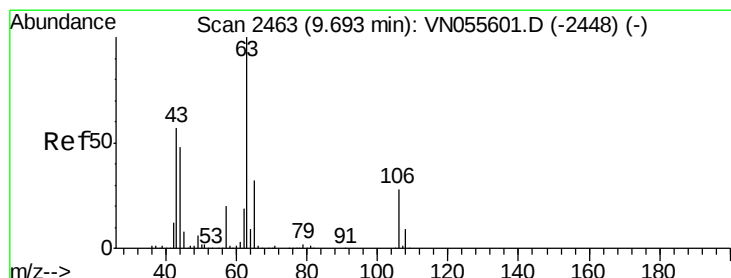
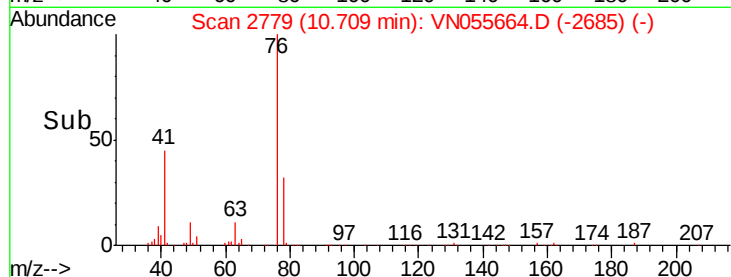
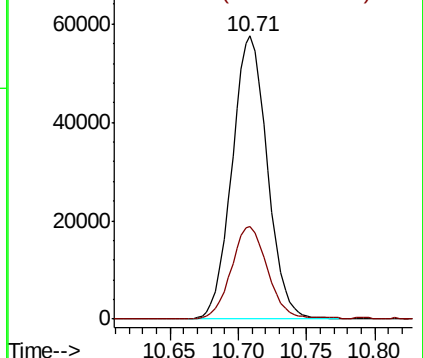
76 100

78 33.8 26.5 39.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 98.613 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055664.D

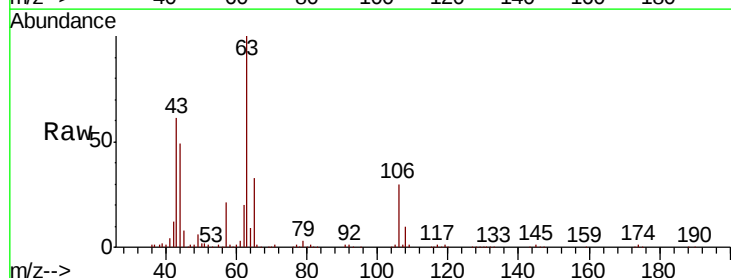
Acq: 20 May 2019 11:13

Tgt Ion: 63 Resp: 216980

Ion Ratio Lower Upper

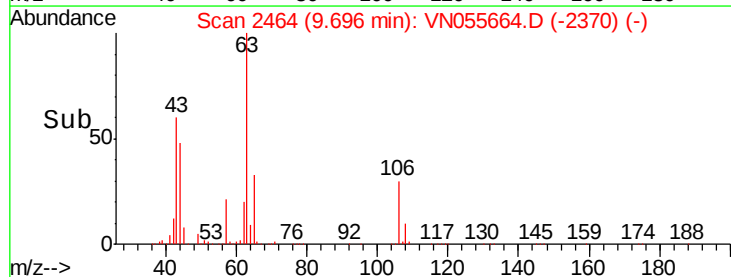
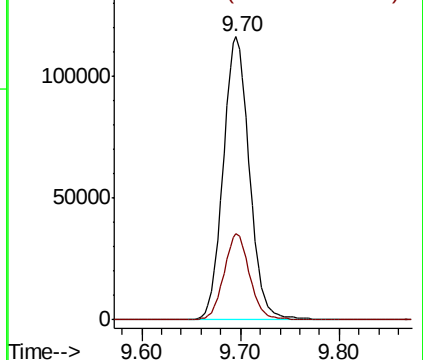
63 100

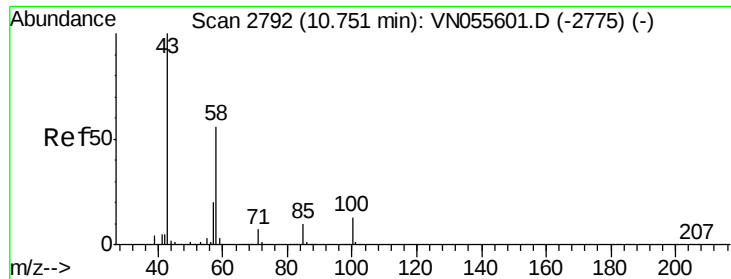
106 29.8 23.0 34.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 102.074 ug/l

RT: 10.75 min Scan# 2792

Delta R.T. -0.00 min

Lab File: VN055664.D

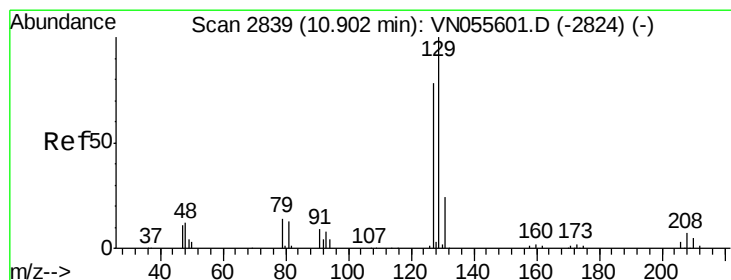
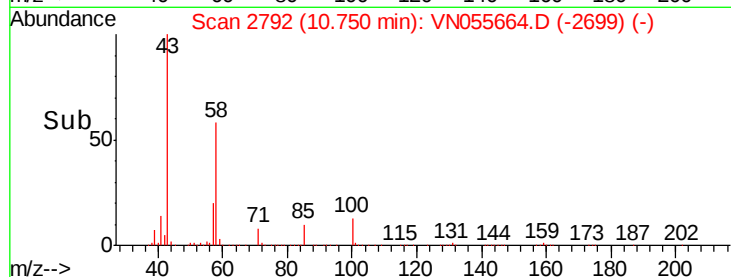
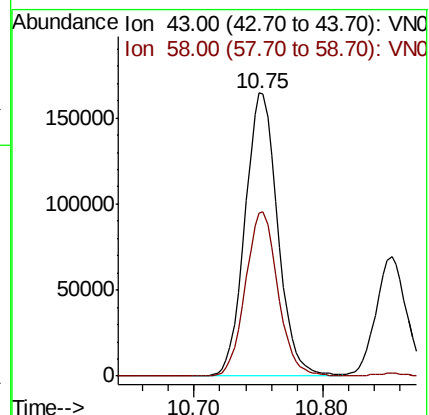
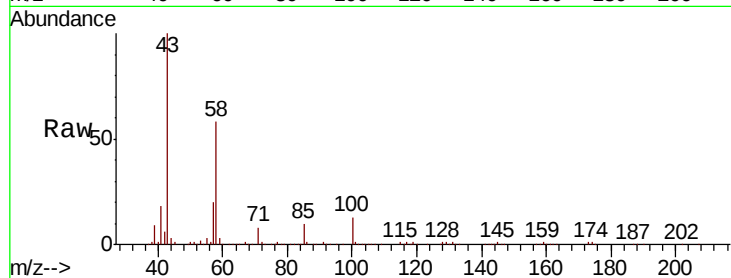
Acq: 20 May 2019 11:13

Tot Ion: 43 Resp: 289019

Ion Ratio Lower Upper

43 100

58 58.0 28.1 84.4



#60

Dibromochloromethane

Concen: 19.992 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. -0.00 min

Lab File: VN055664.D

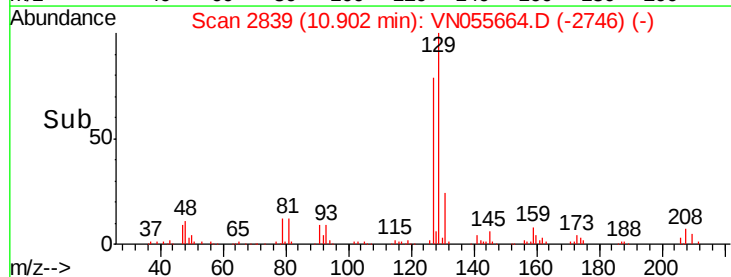
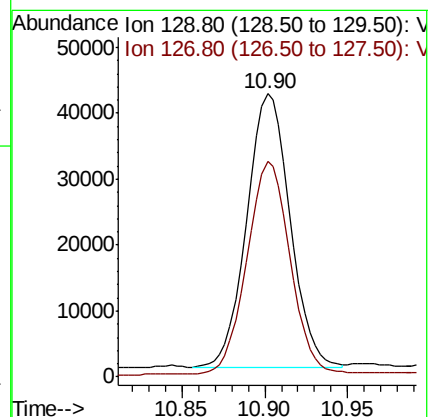
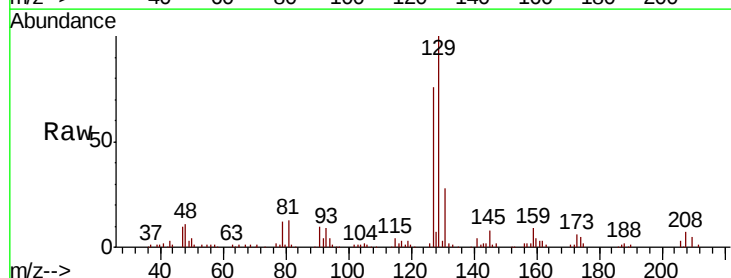
Acq: 20 May 2019 11:13

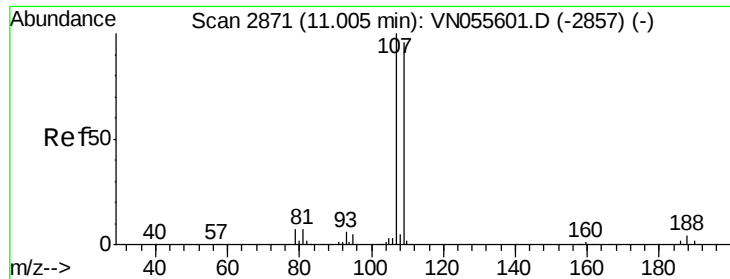
Tgt Ion: 129 Resp: 75165

Ion Ratio Lower Upper

129 100

127 77.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.286 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055664.D

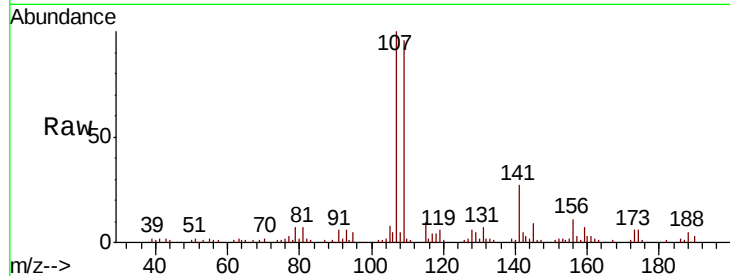
Acq: 20 May 2019 11:13

Tot Ion: 107 Resp: 67333

Ion Ratio Lower Upper

107 100

109 95.6 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

40000

30000

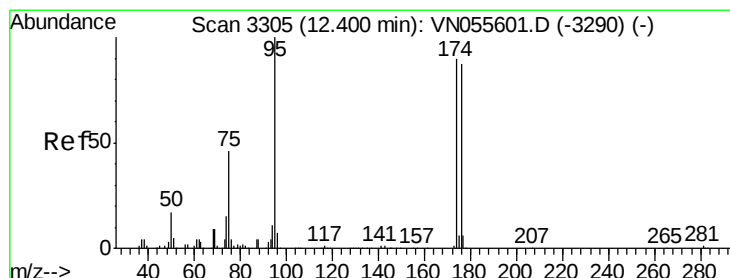
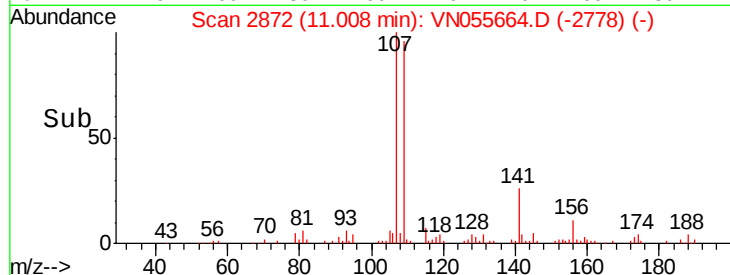
20000

10000

0

Time-->

10.95 11.00 11.05 11.10



#62

4-Bromofluorobenzene

Concen: 48.838 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

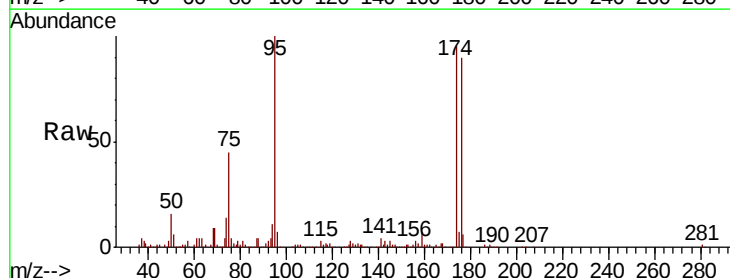
Tgt Ion: 95 Resp: 198450

Ion Ratio Lower Upper

95 100

174 91.2 0.0 180.6

176 90.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

150000

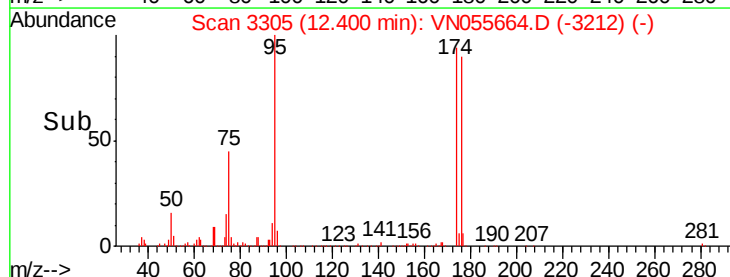
100000

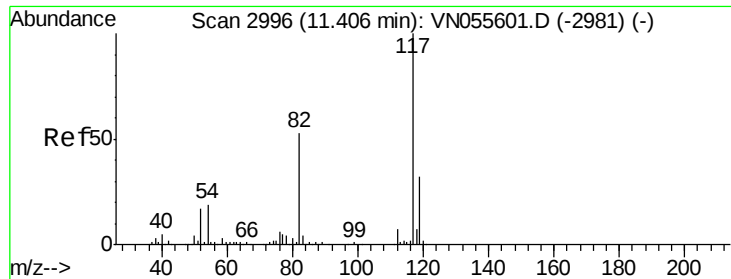
50000

0

Time-->

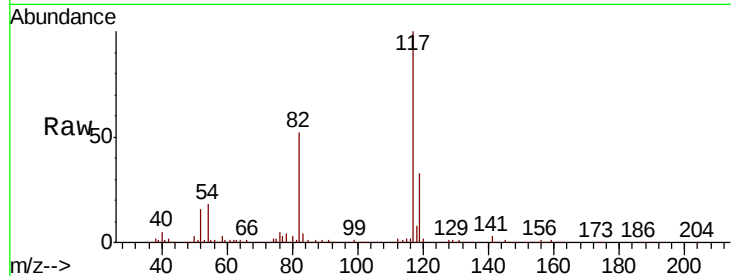
12.30 12.40 12.50



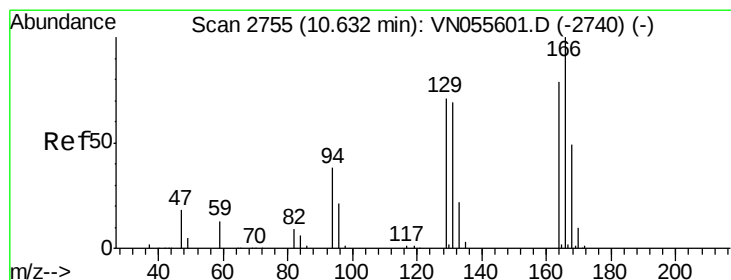
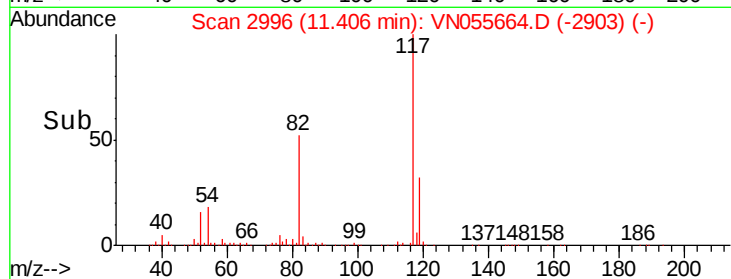
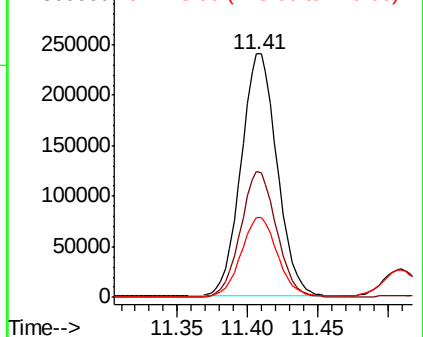


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion:117 Resp: 428816
Ion Ratio Lower Upper
117 100
82 52.1 42.3 63.5
119 32.7 25.4 38.2

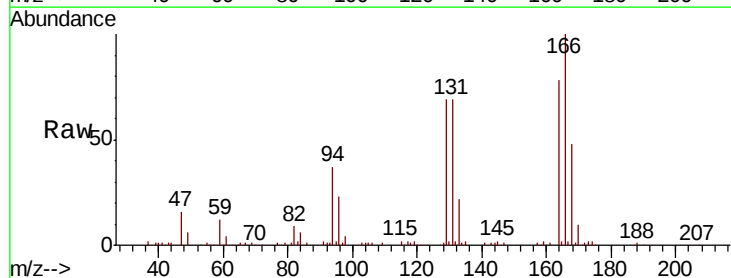


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

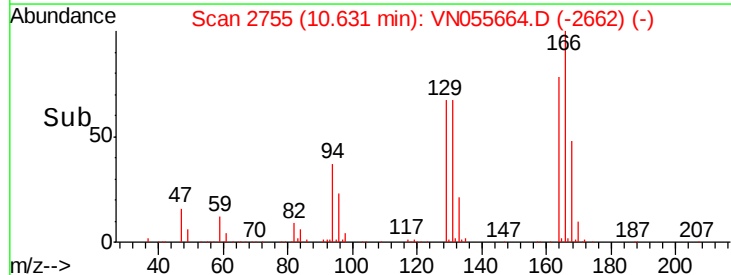
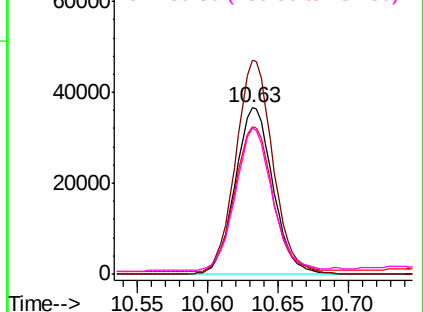


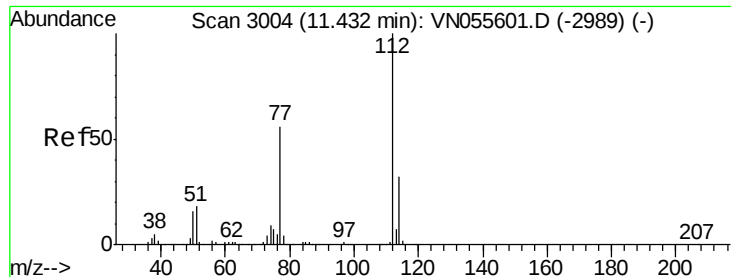
#64
Tetrachloroethene
Concen: 20.326 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion:164 Resp: 68748
Ion Ratio Lower Upper
164 100
166 128.6 101.0 151.6
129 86.9 71.7 107.5
131 86.2 69.6 104.4



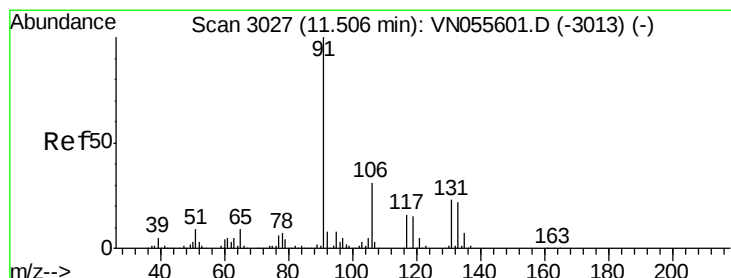
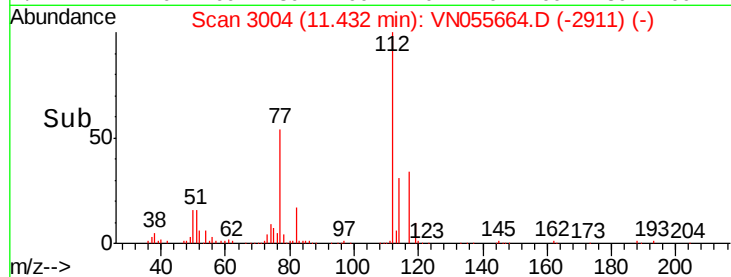
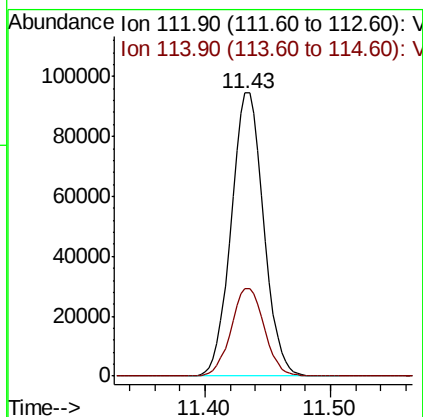
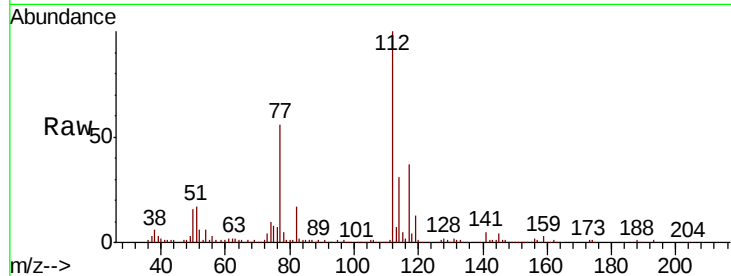
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





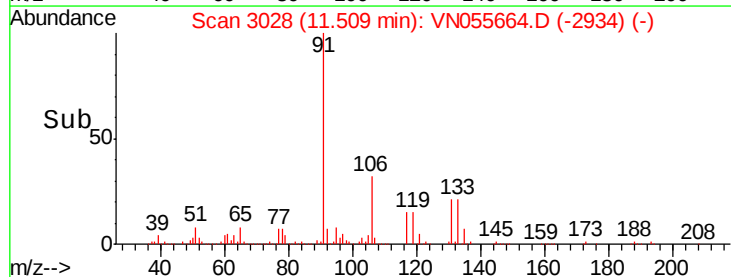
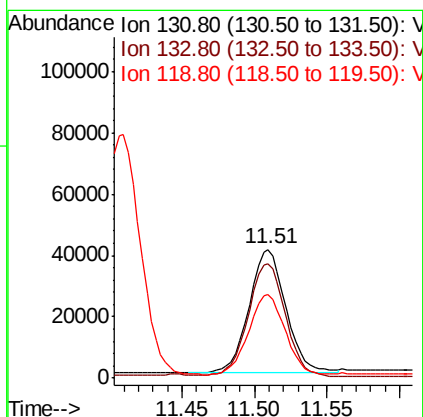
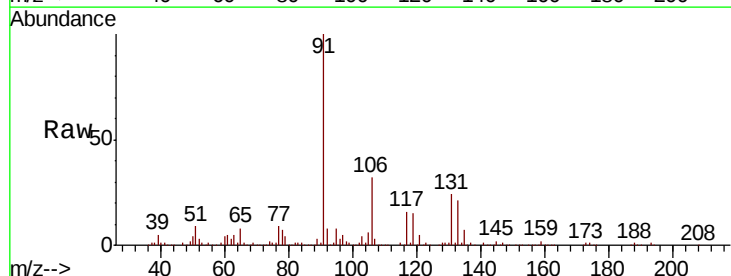
#65
Chlorobenzene
Concen: 19.572 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

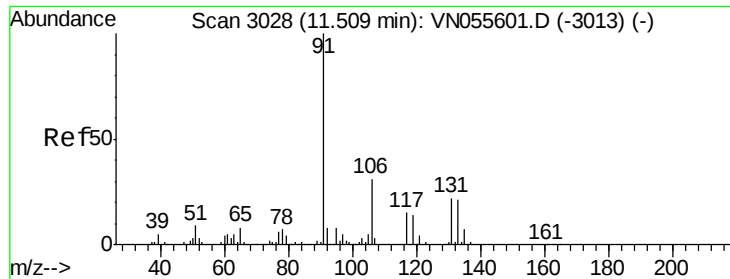
Tot Ion:112 Resp: 169757
Ion Ratio Lower Upper
112 100
114 30.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.543 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion:131 Resp: 71679
Ion Ratio Lower Upper
131 100
133 92.6 47.8 143.4
119 63.5 33.3 99.8





#67

Ethyl Benzene

Concen: 19.572 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN055664.D

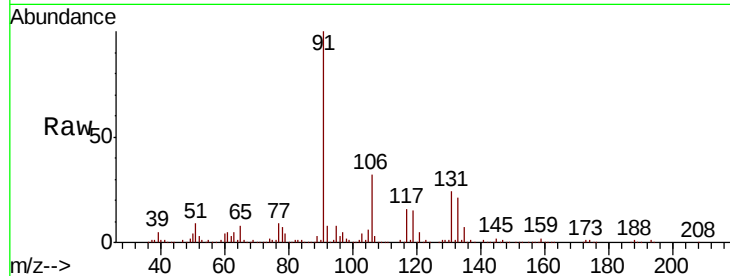
Acq: 20 May 2019 11:13

Tot Ion: 91 Resp: 302400

Ion Ratio Lower Upper

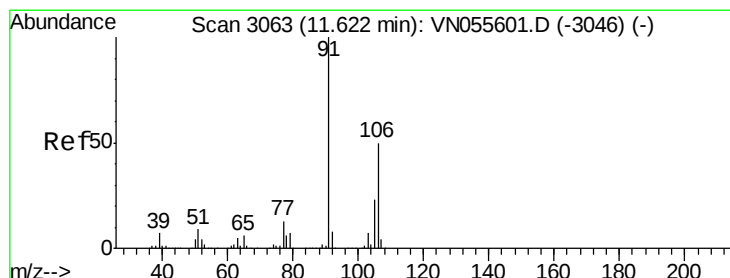
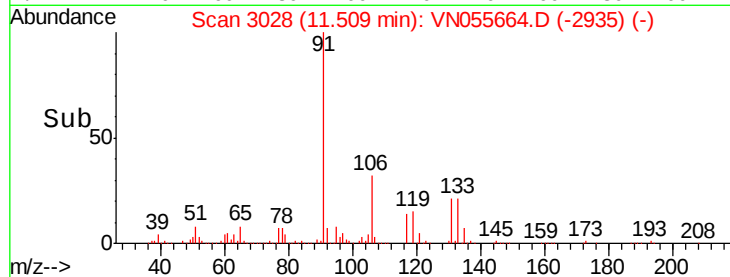
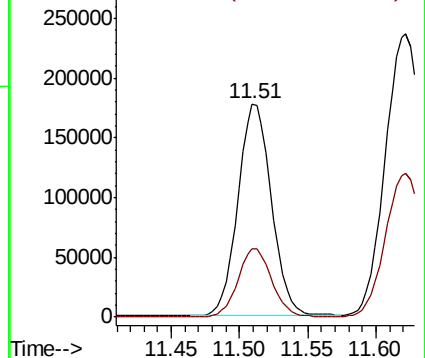
91 100

106 32.2 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 39.921 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN055664.D

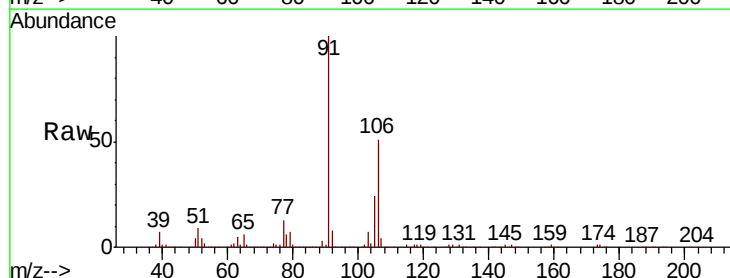
Acq: 20 May 2019 11:13

Tgt Ion: 106 Resp: 232931

Ion Ratio Lower Upper

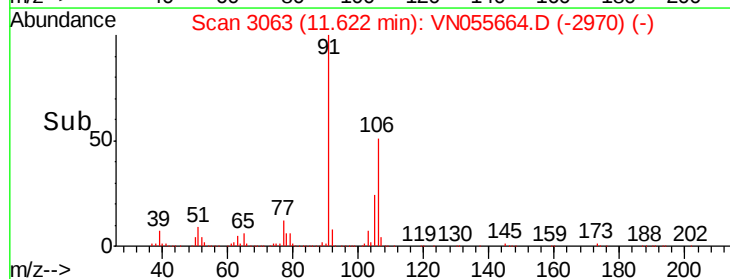
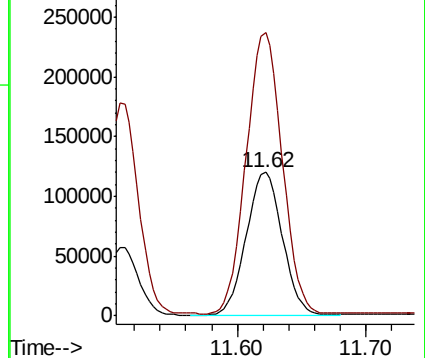
106 100

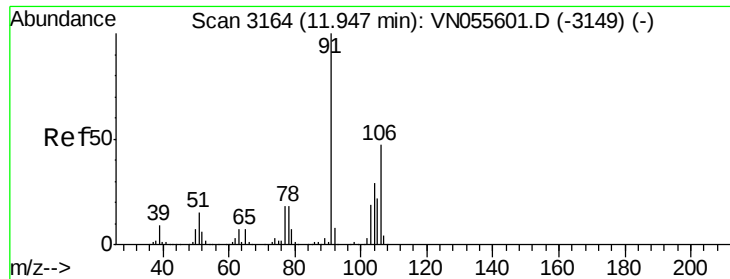
91 195.8 160.5 240.7



Abundance Ion 106.00 (105.70 to 106.70): V

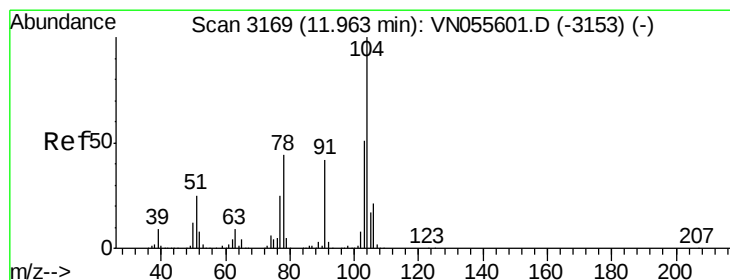
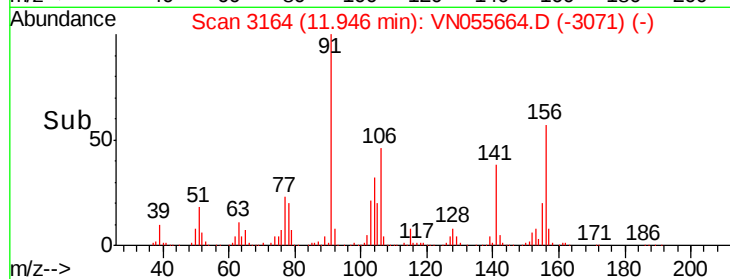
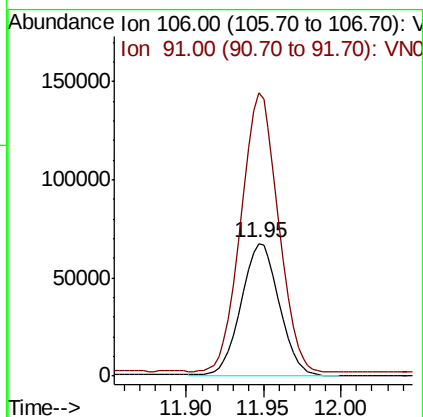
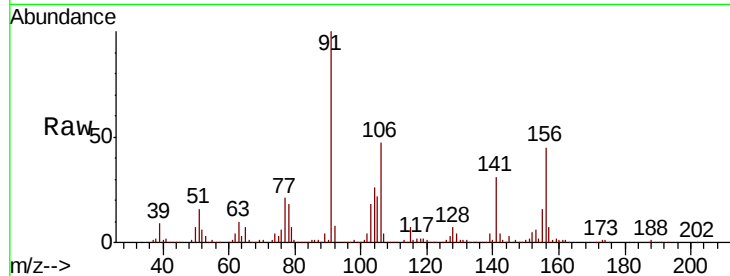
Ion 91.00 (90.70 to 91.70): VN0





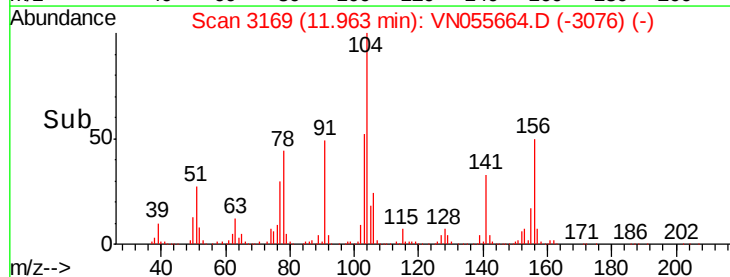
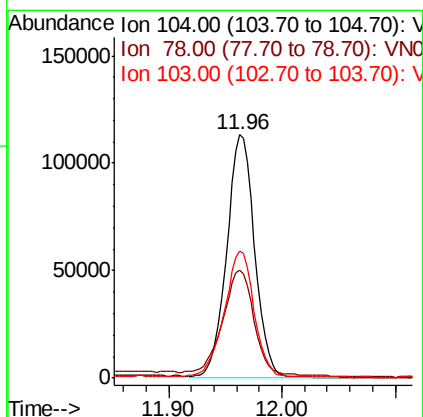
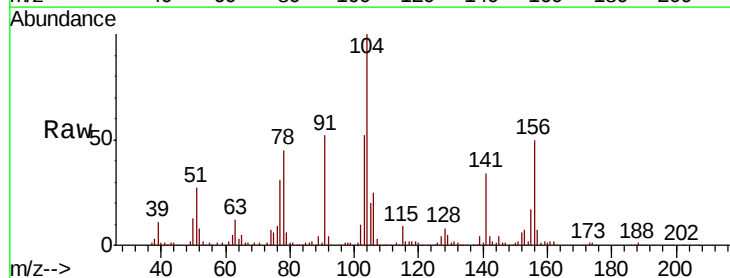
#69
o-Xylene
Concen: 20.084 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

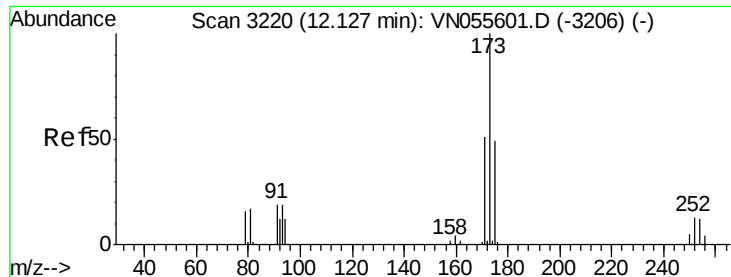
Tot Ion:106 Resp: 114617
Ion Ratio Lower Upper
106 100
91 207.4 106.7 320.2



#70
Styrene
Concen: 20.374 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion:104 Resp: 193325
Ion Ratio Lower Upper
104 100
78 51.5 38.6 58.0
103 54.8 44.4 66.6





#71

Bromoform

Concen: 20.802 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

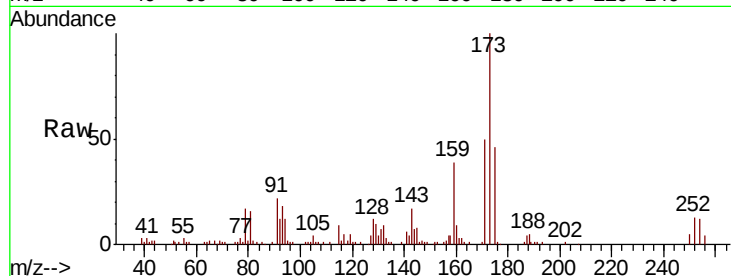
Tot Ion:173 Resp: 61510

Ion Ratio Lower Upper

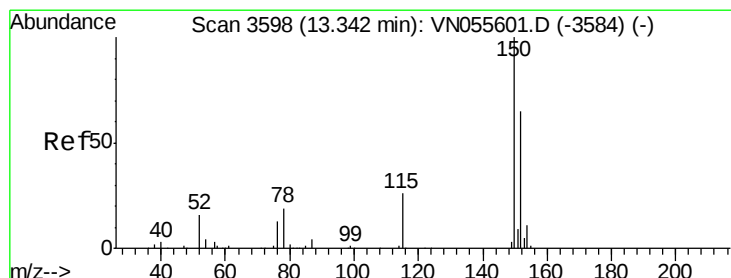
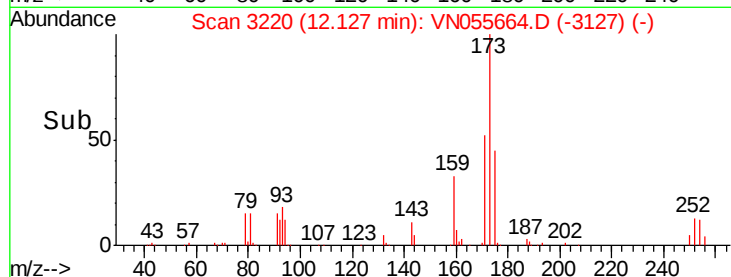
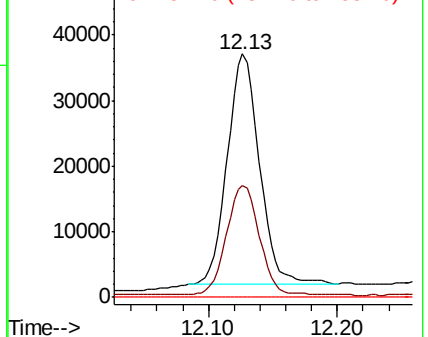
173 100

175 47.2 24.3 72.9

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

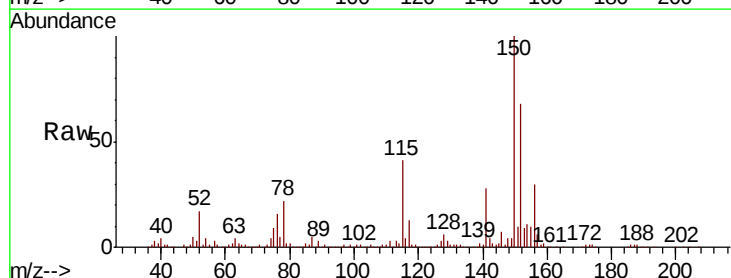
Tgt Ion:152 Resp: 221745

Ion Ratio Lower Upper

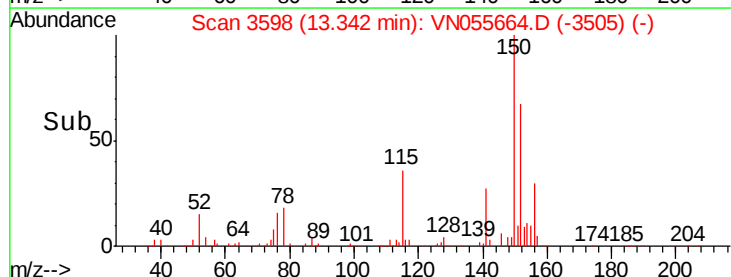
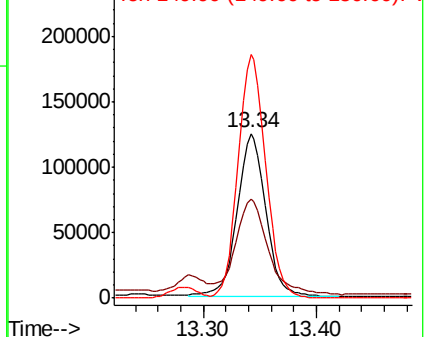
152 100

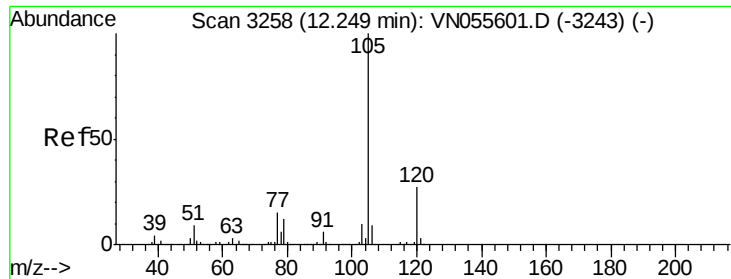
115 65.7 28.1 84.2

150 143.1 0.0 348.0



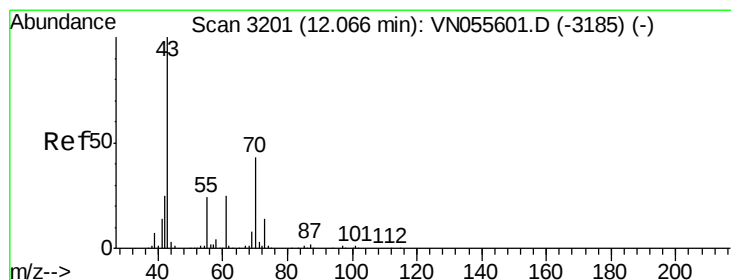
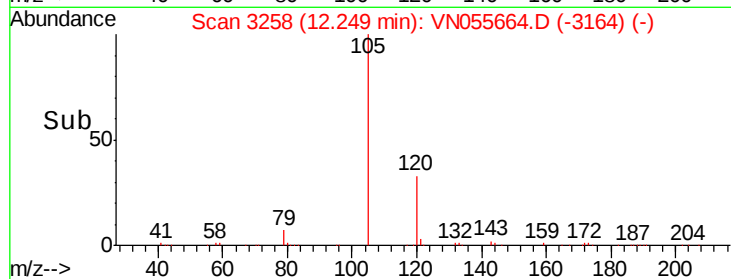
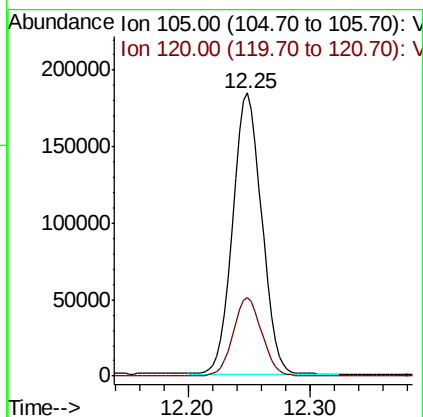
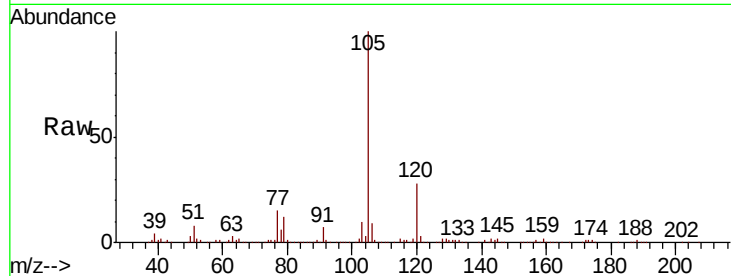
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





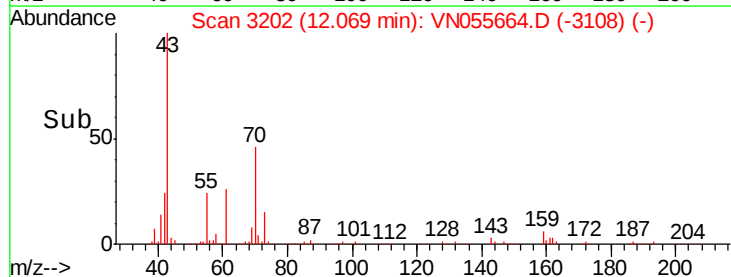
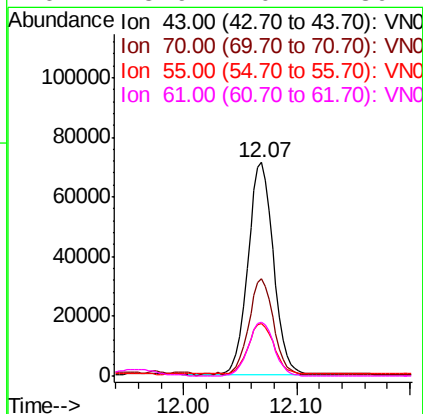
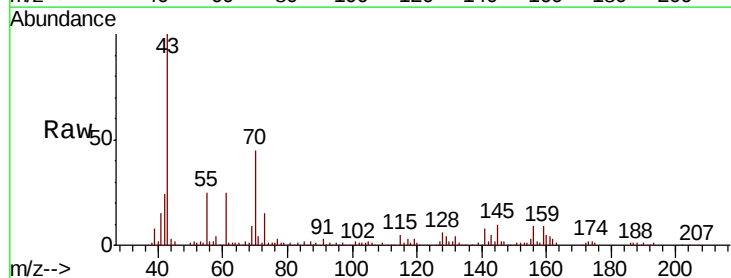
#73
Isopropylbenzene
Concen: 17.937 ug/l
RT: 12.25 min Scan# 3258
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

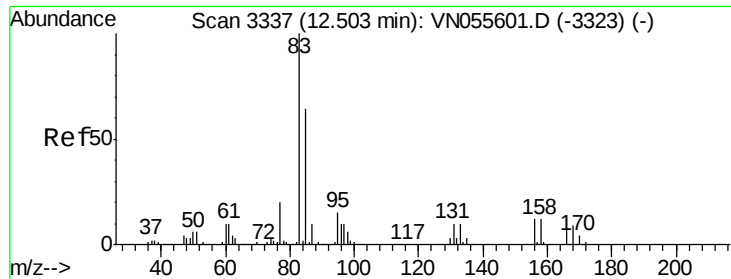
Tot Ion: 105 Resp: 303158
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.2



#74
N-ethyl acetate
Concen: 17.912 ug/l
RT: 12.07 min Scan# 3202
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion: 43 Resp: 111528
Ion Ratio Lower Upper
43 100
70 44.3 35.0 52.6
55 24.1 18.9 28.3
61 25.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.762 ug/l

RT: 12.50 min Scan# 3337

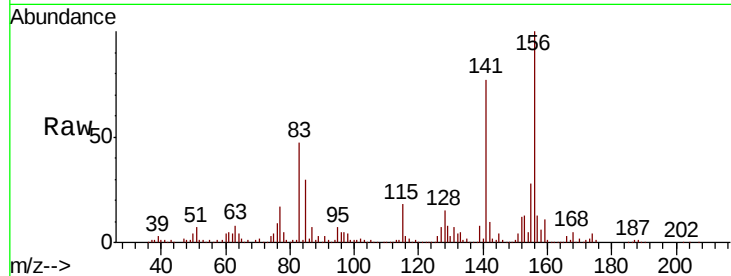
Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion: 83 Resp: 92583

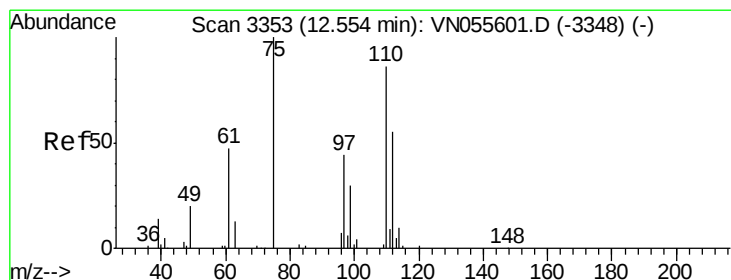
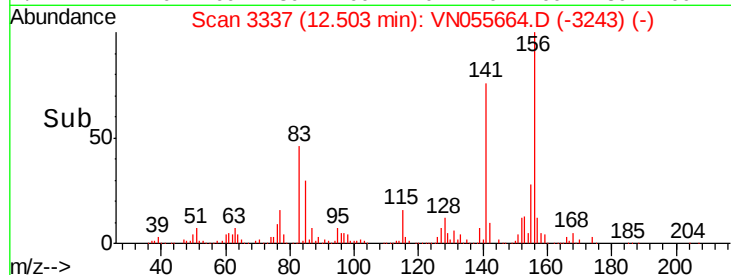
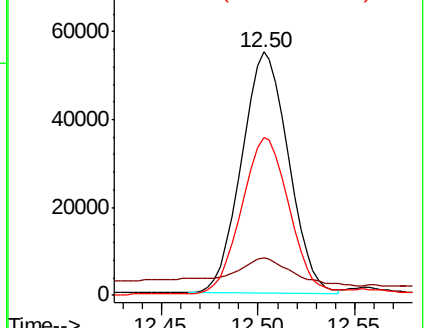
Ion	Ratio	Lower	Upper
83	100		
131	12.7	5.3	16.1
85	66.1	32.0	96.2



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 130.80 (130.50 to 131.50): VNO

Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 29.347 ug/l

RT: 12.55 min Scan# 3353

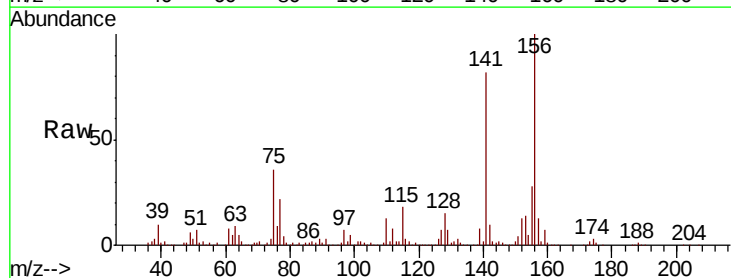
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

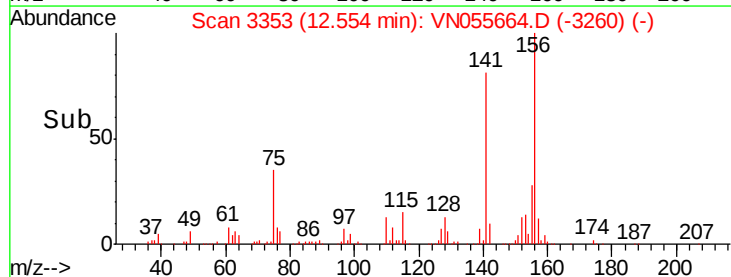
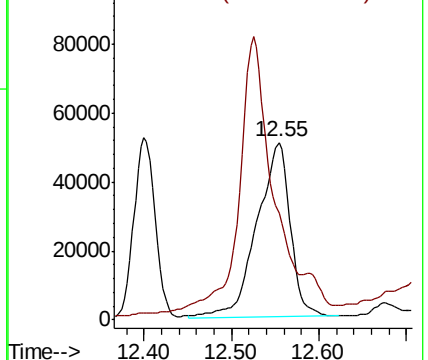
Tgt Ion: 75 Resp: 132787

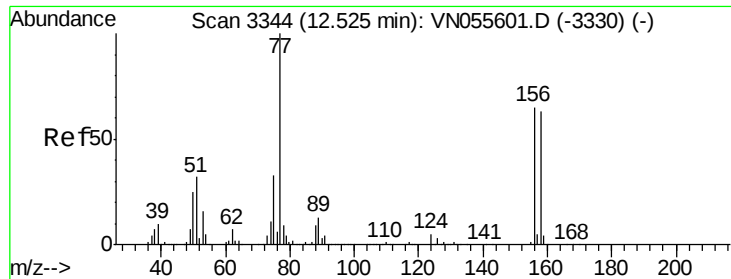
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 232.947 ug/l

RT: 12.53 min Scan# 3344

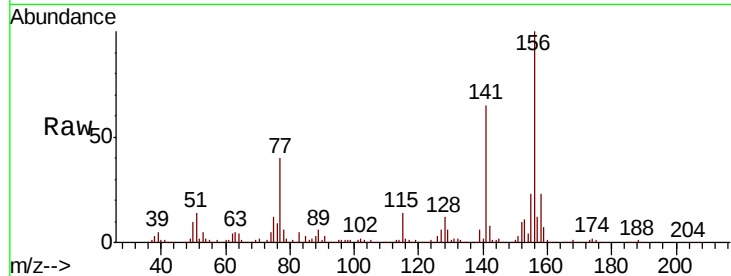
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion:156 Resp: 1060845

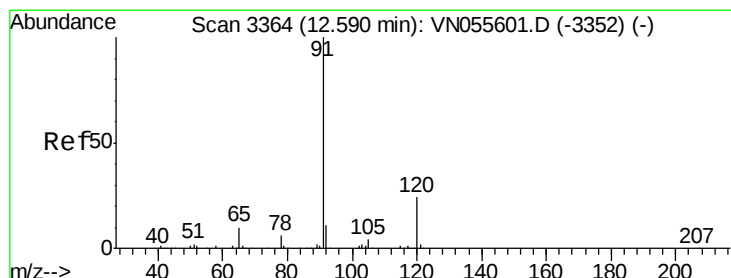
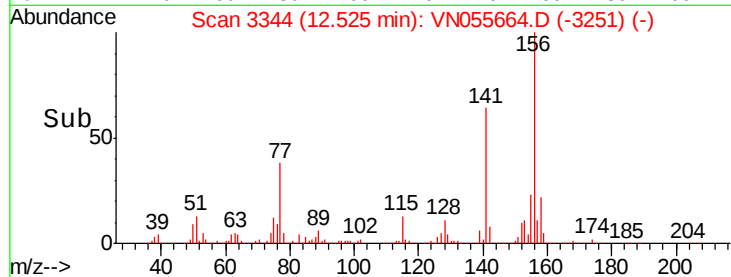
Ion	Ratio	Lower	Upper
156	100		
77	19.7	94.5	283.5#
158	7.4	49.0	147.2#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 16.541 ug/l

RT: 12.59 min Scan# 3364

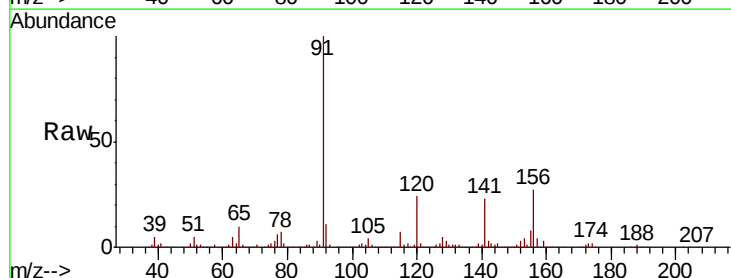
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

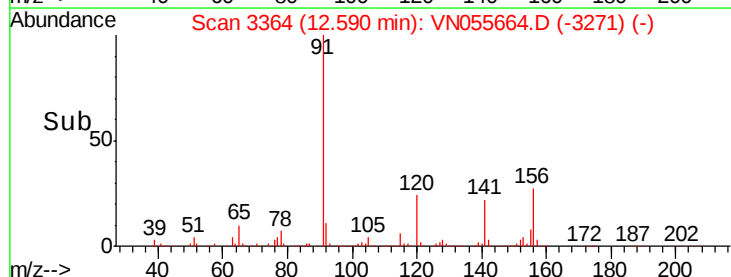
Tgt Ion: 91 Resp: 325716

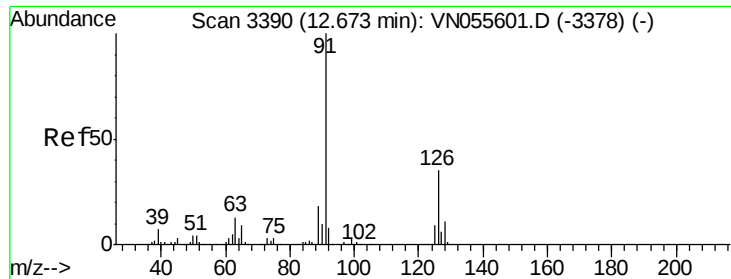
Ion	Ratio	Lower	Upper
91	100		
120	24.6	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

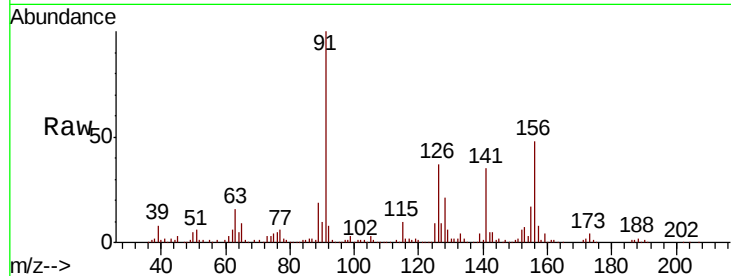
Ion 120.00 (119.70 to 120.70): V



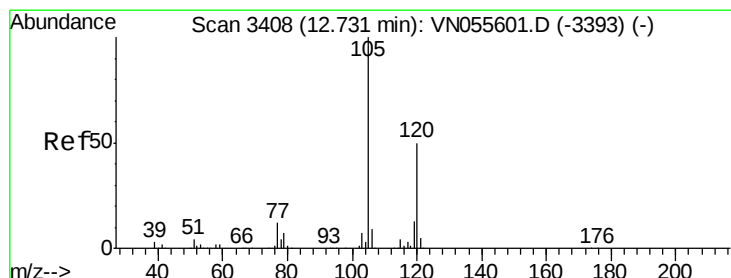
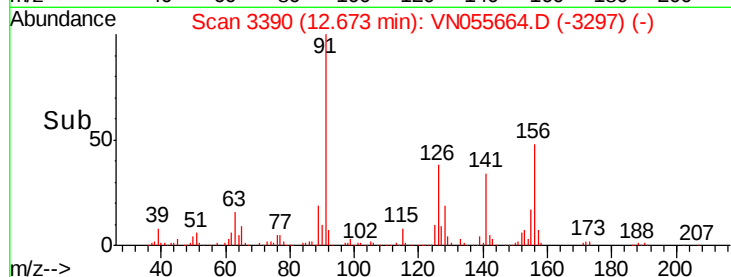
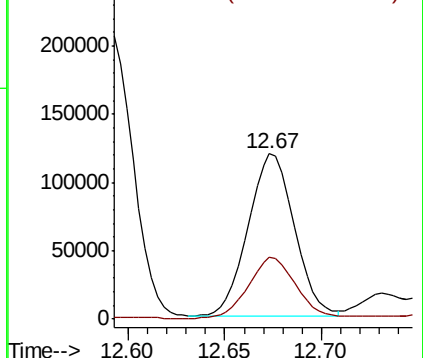


#79
 2-Chlorotoluene
 Concen: 17.782 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tot Ion: 91 Resp: 198819
 Ion Ratio Lower Upper
 91 100
 126 40.5 17.8 53.4

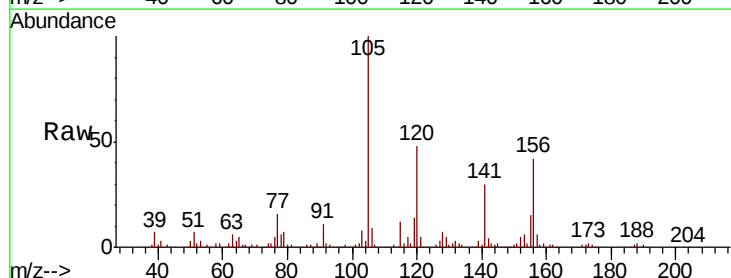


Abundance Ion 91.00 (90.70 to 91.70): VN055664.D (-3390) (-)
 Ion 125.90 (125.60 to 126.60): VN055664.D (-3390) (-)

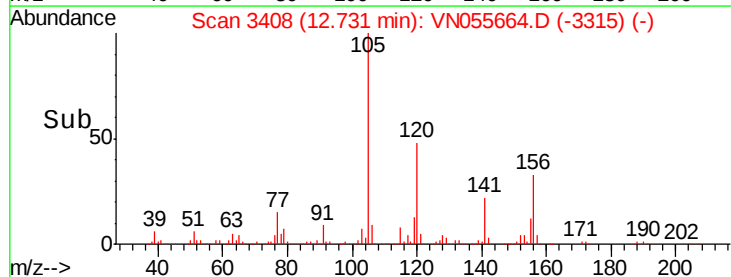
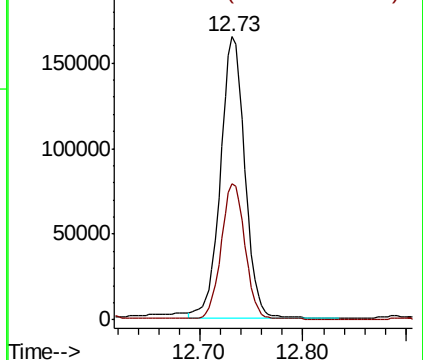


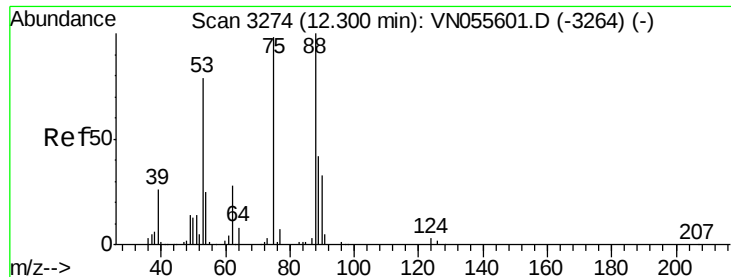
#80
 1,3,5-Trimethylbenzene
 Concen: 19.120 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion:105 Resp: 270927
 Ion Ratio Lower Upper
 105 100
 120 47.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055664.D (-3408) (-)
 Ion 120.00 (119.70 to 120.70): VN055664.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.042 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

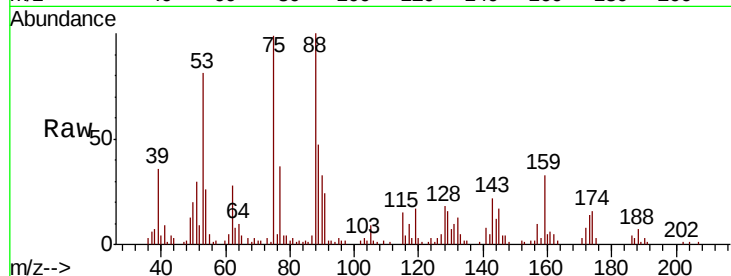
Tot Ion: 75 Resp: 28237

Ion Ratio Lower Upper

75 100

53 81.8 65.1 97.7

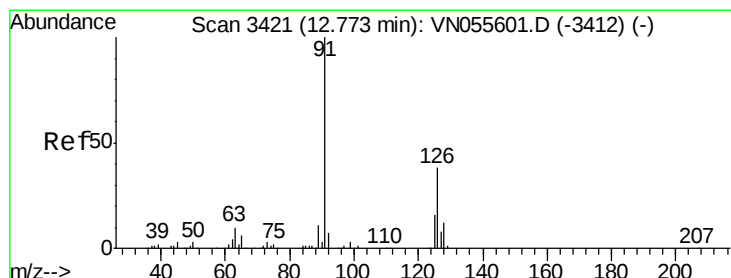
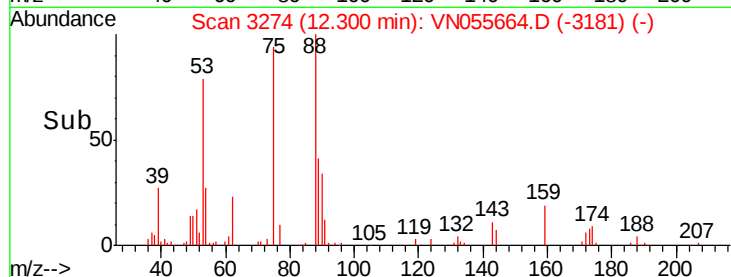
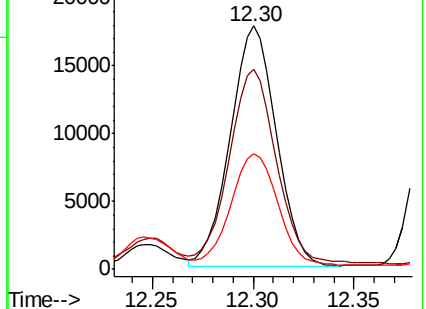
89 47.8 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 16.571 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN055664.D

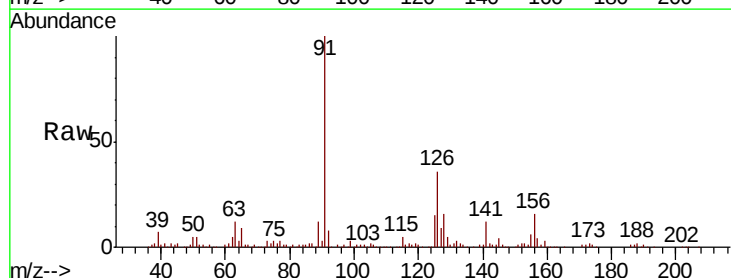
Acq: 20 May 2019 11:13

Tgt Ion: 91 Resp: 192265

Ion Ratio Lower Upper

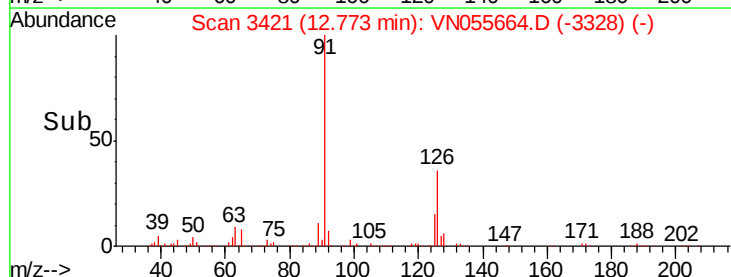
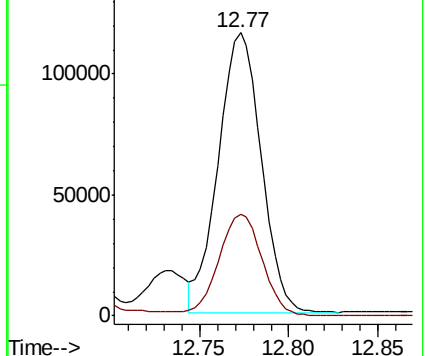
91 100

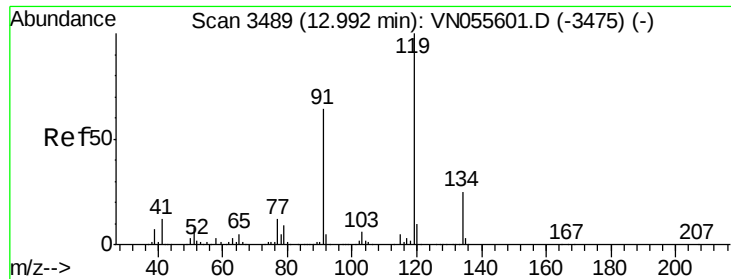
126 36.8 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

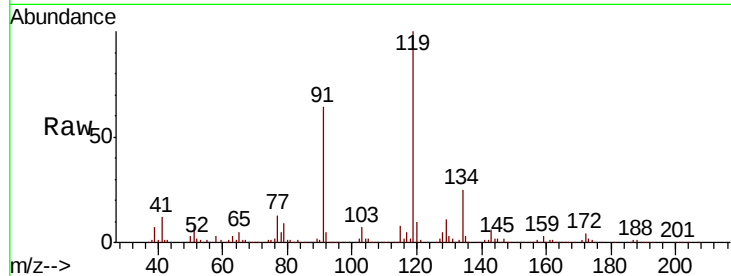
Ion 125.90 (125.60 to 126.60): V



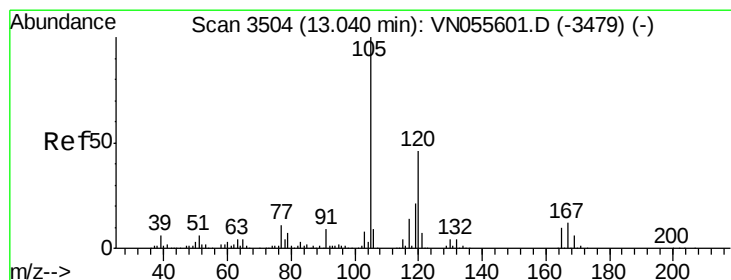
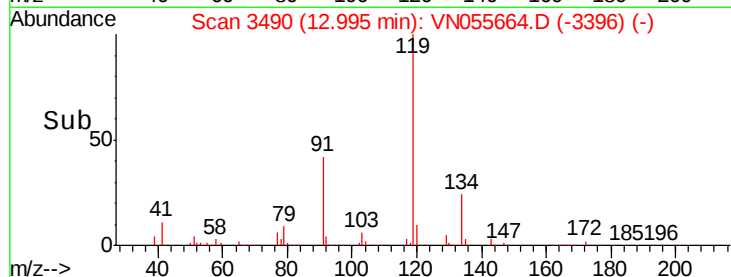
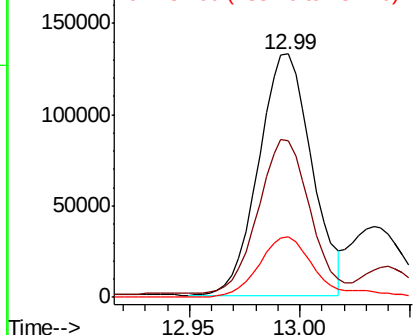


#83
tert-Butylbenzene
Concen: 17.733 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion:119 Resp: 220212
Ion Ratio Lower Upper
119 100
91 62.6 31.3 93.8
134 27.1 13.2 39.6

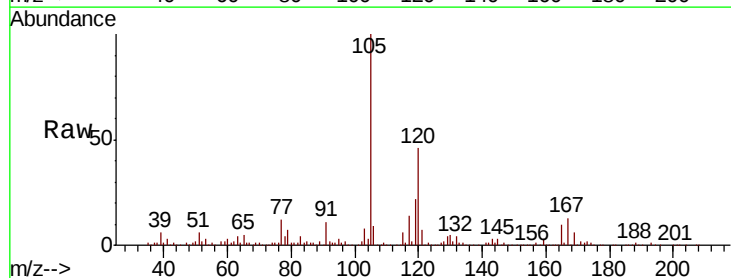


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VN
Ion 134.00 (133.70 to 134.70): V

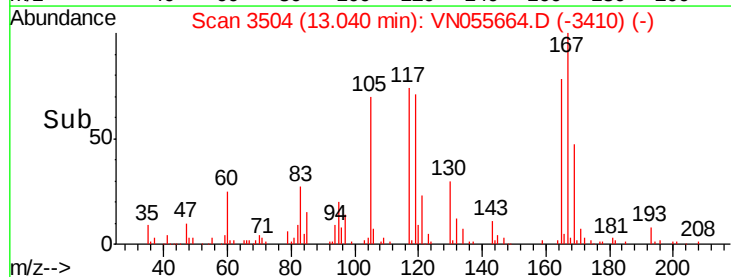
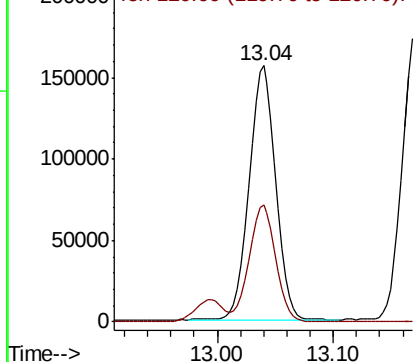


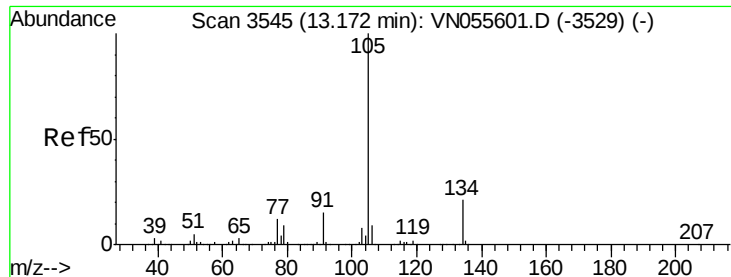
#84
1,2,4-Trimethylbenzene
Concen: 17.686 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion:105 Resp: 249718
Ion Ratio Lower Upper
105 100
120 45.7 23.1 69.2



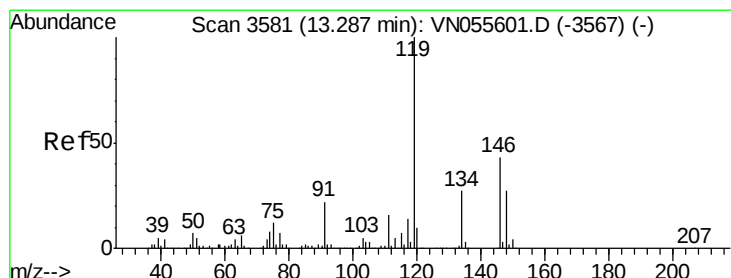
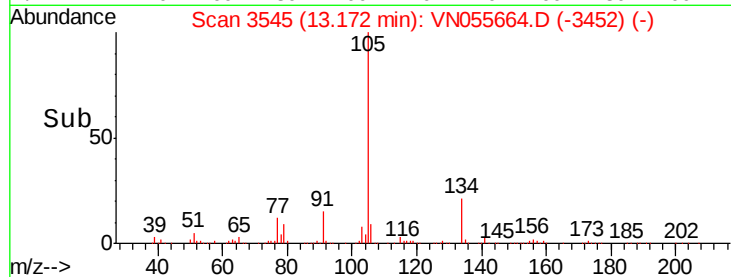
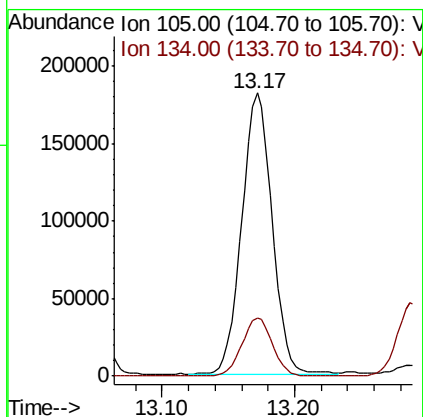
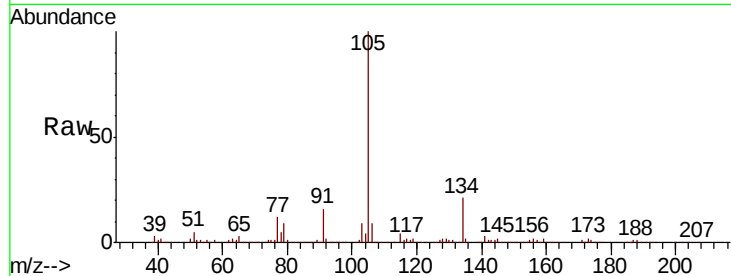
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





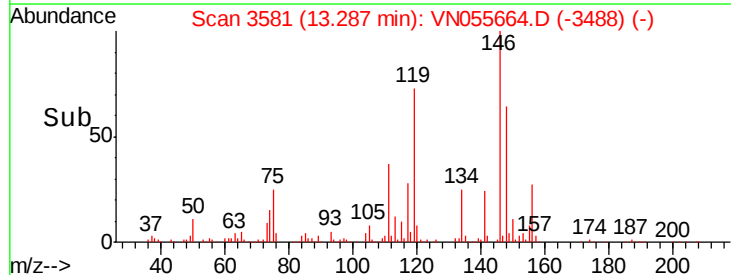
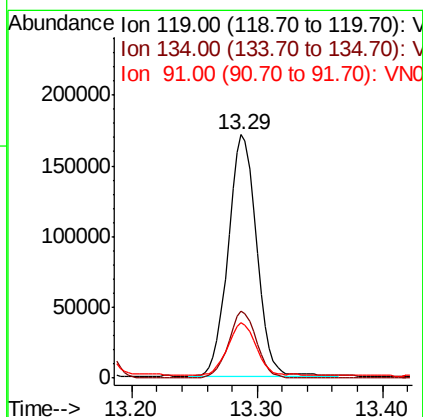
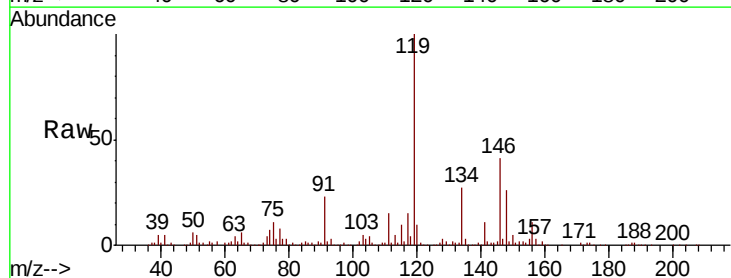
#85
 sec-Butylbenzene
 Concen: 17.932 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

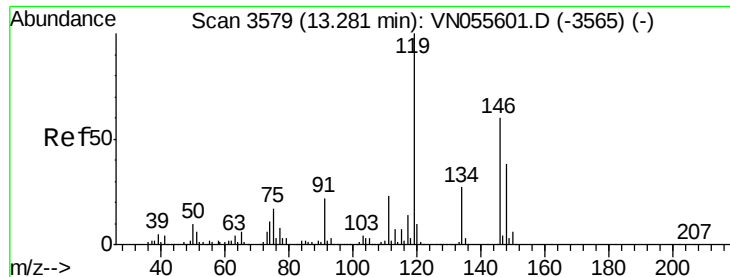
Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.3	30.9



#86
 p-Isopropyltoluene
 Concen: 18.201 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	21.4	11.0	33.0





#87

1,3-Dichlorobenzene

Concen: 17.159 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

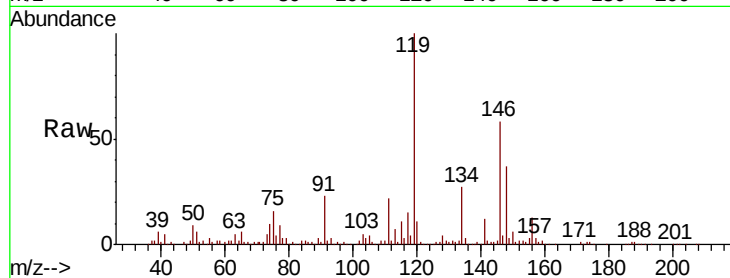
Tot Ion:146 Resp: 129202

Ion Ratio Lower Upper

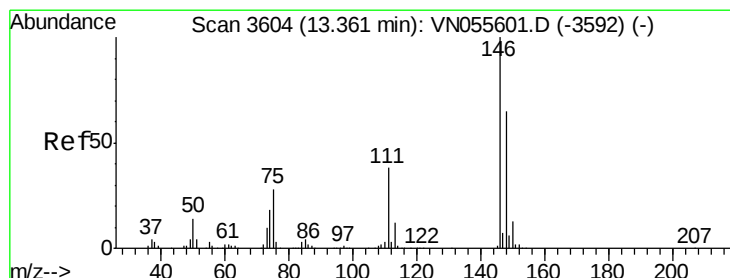
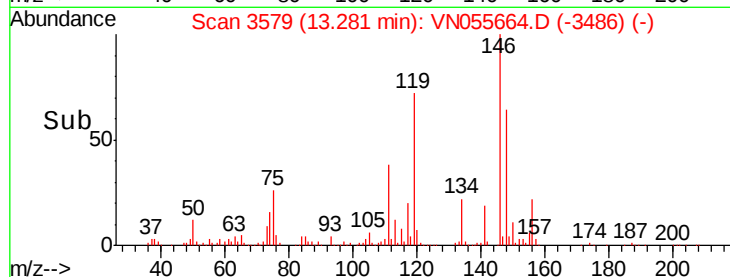
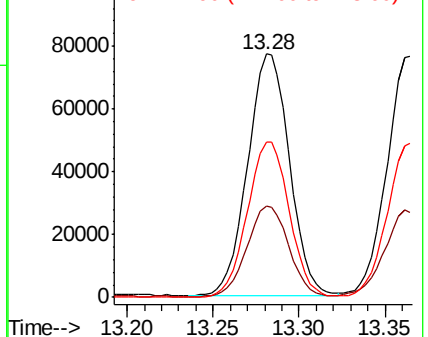
146 100

111 37.4 18.9 56.9

148 64.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.452 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

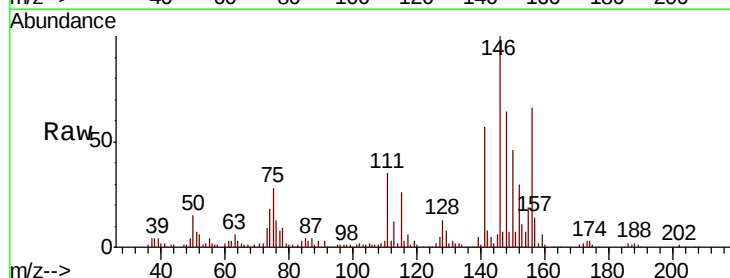
Tgt Ion:146 Resp: 125470

Ion Ratio Lower Upper

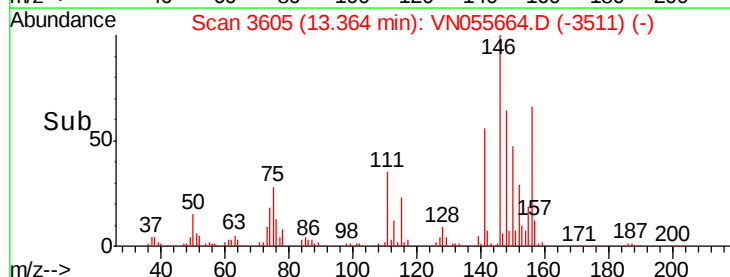
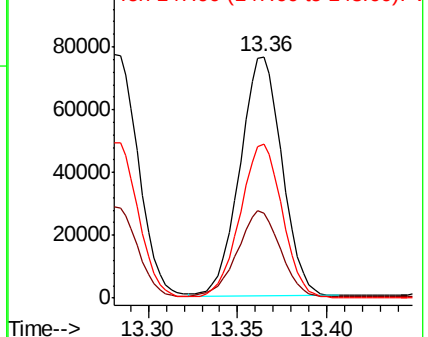
146 100

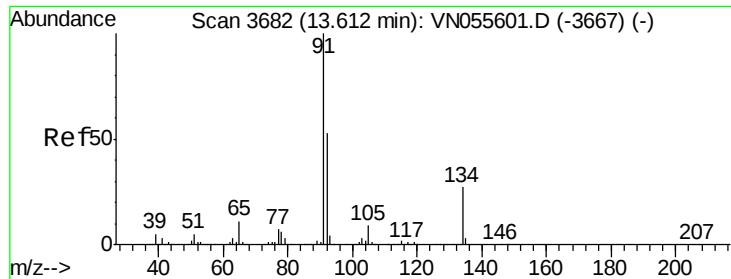
111 37.0 18.8 56.4

148 64.5 32.4 97.0



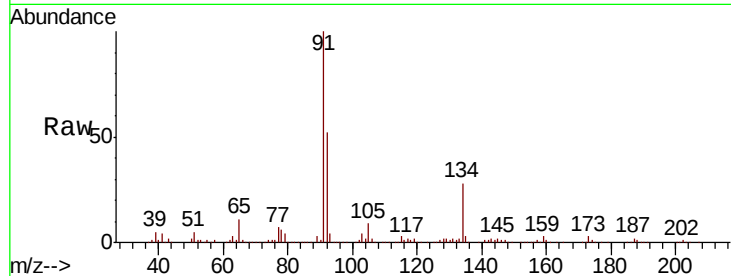
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



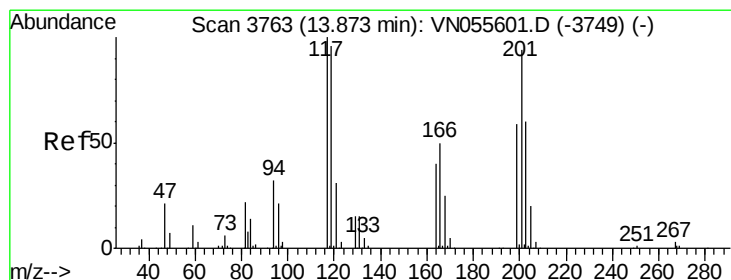
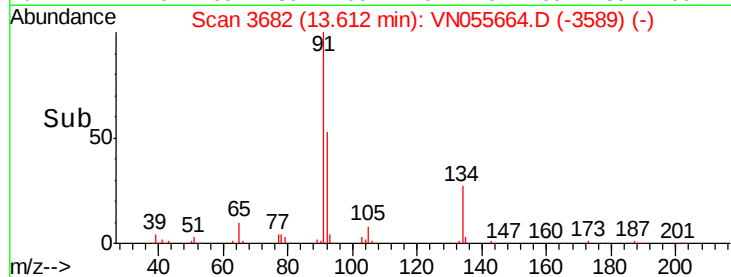
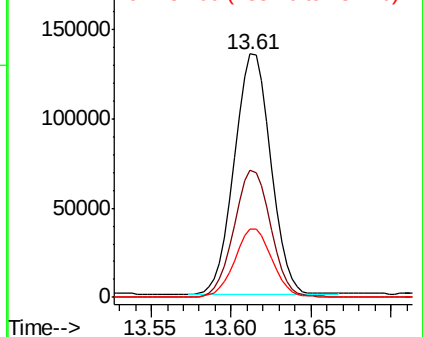


#89
n-Butylbenzene
Concen: 17.177 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.4	79.0
134	28.5	13.7	41.1

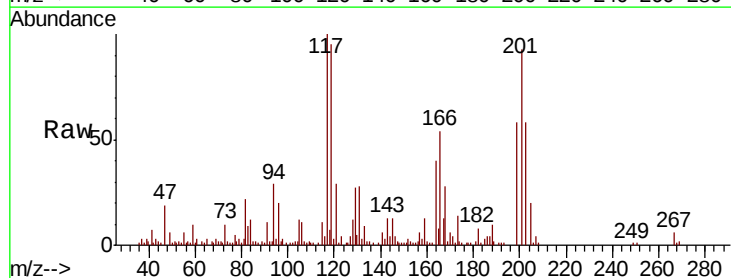


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)

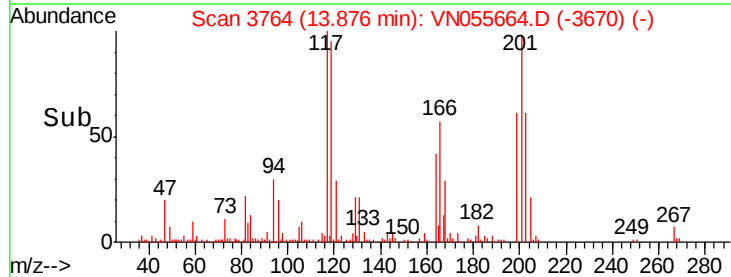
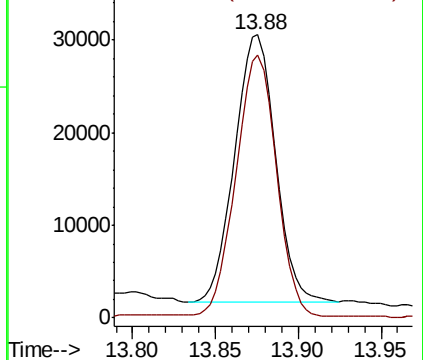


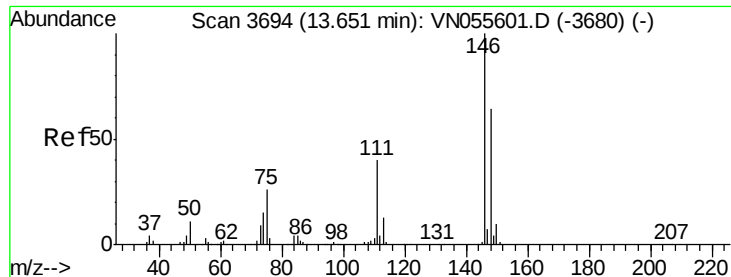
#90
Hexachloroethane
Concen: 17.321 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN055664.D
Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.6	47.1	141.3



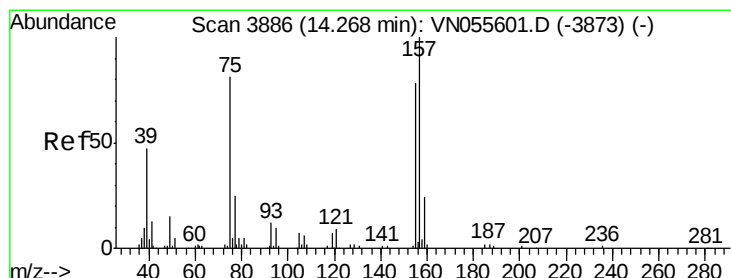
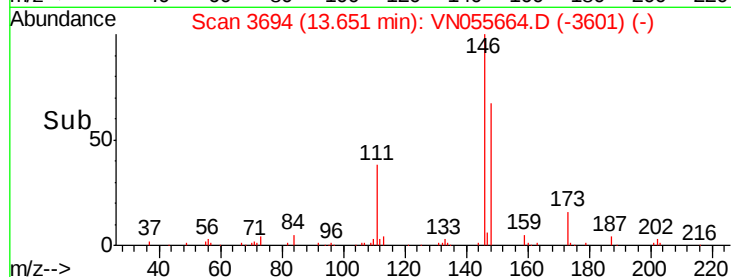
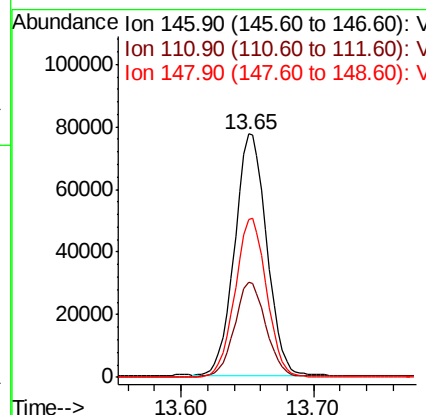
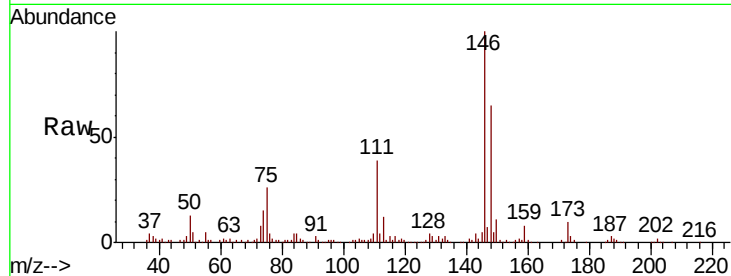
Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)





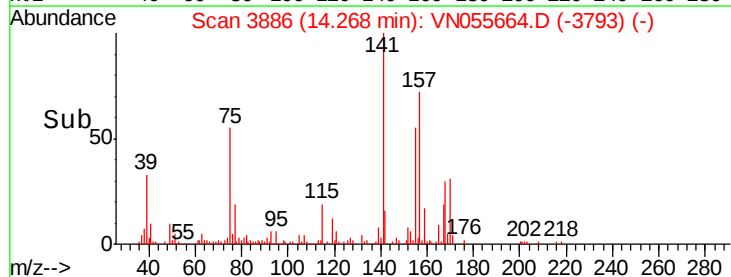
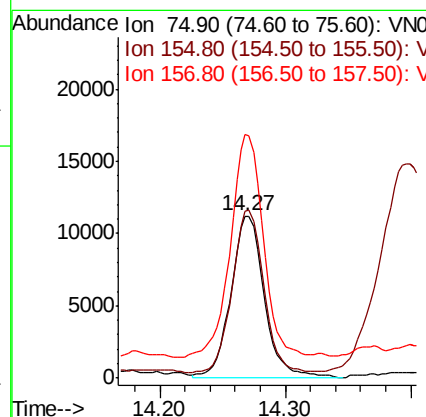
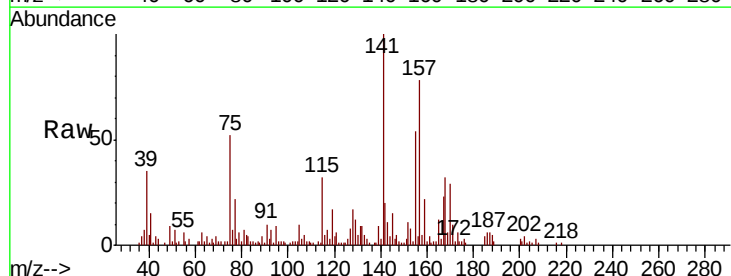
#91
 1,2-Dichlorobenzene
 Concen: 17.209 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

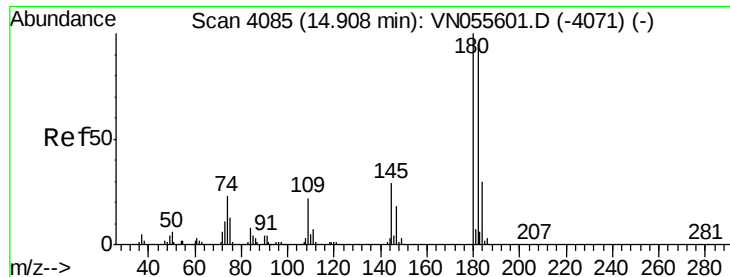
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.7	59.0
148	64.5	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.756 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN055664.D
 Acq: 20 May 2019 11:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.3	48.4	145.0
157	133.2	62.3	186.8





#93

1,2,4-Trichlorobenzene

Concen: 19.596 ug/l

RT: 14.91 min Scan# 4085

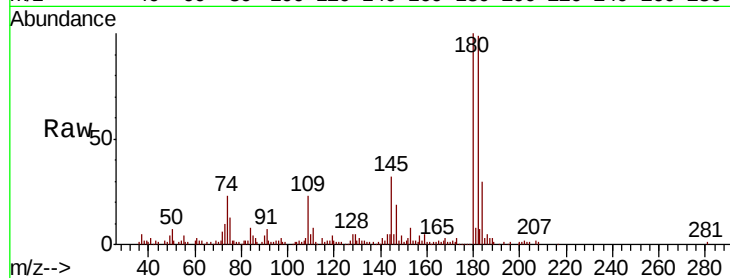
Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tot Ion:180 Resp: 74869

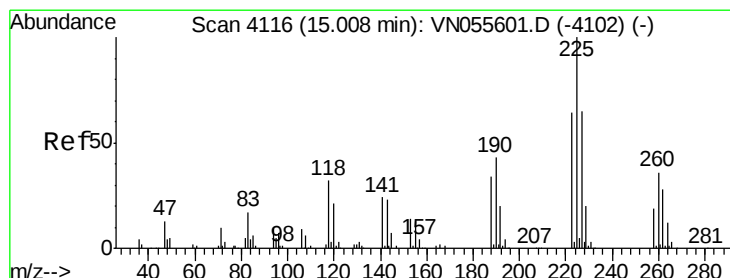
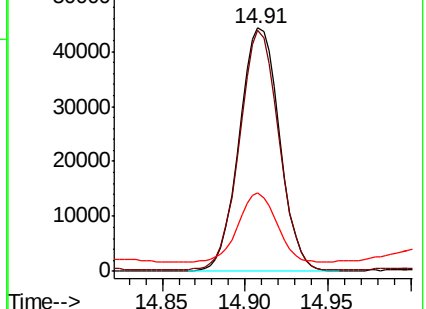
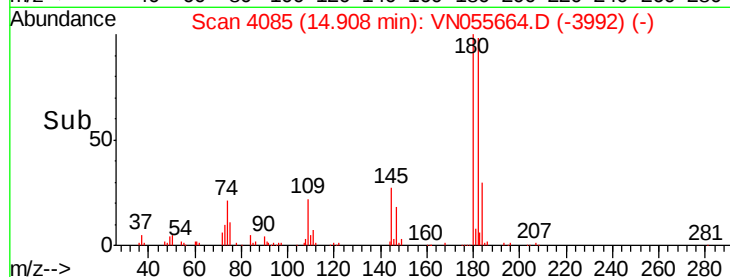
Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.9	143.6
145	27.5	14.3	42.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 17.515 ug/l

RT: 15.01 min Scan# 4117

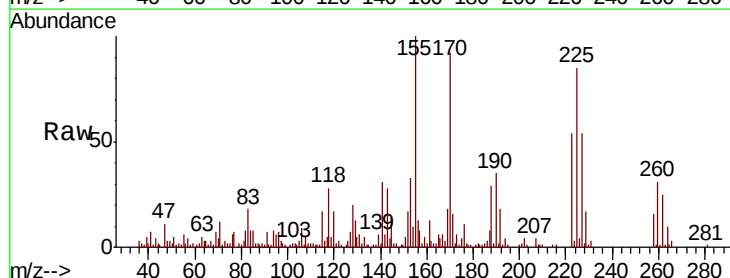
Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

Tgt Ion:225 Resp: 44756

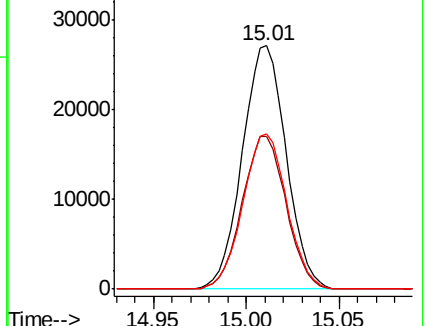
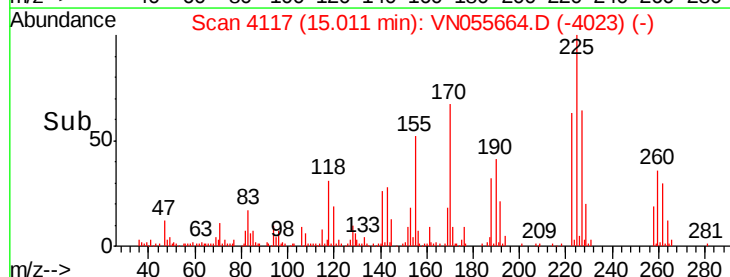
Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.6	94.7
227	64.0	32.4	97.0

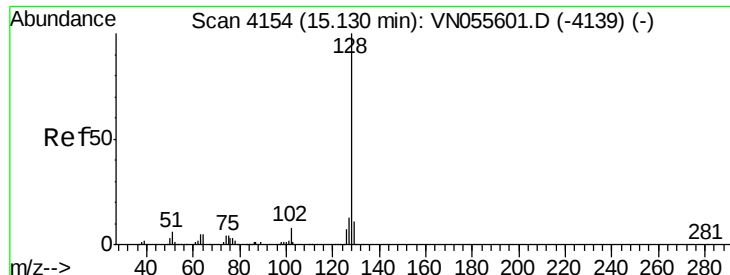


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.271 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

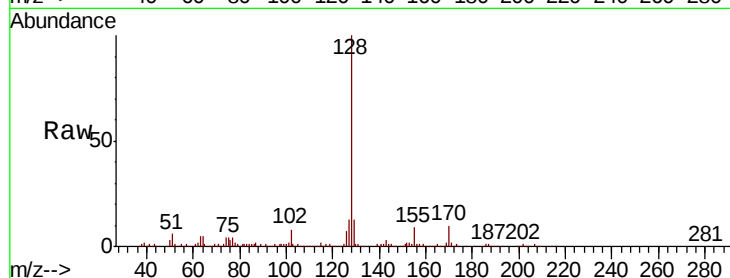
Tot Ion:128 Resp: 245105

Ion Ratio Lower Upper

128 100

127 14.5 10.2 15.4

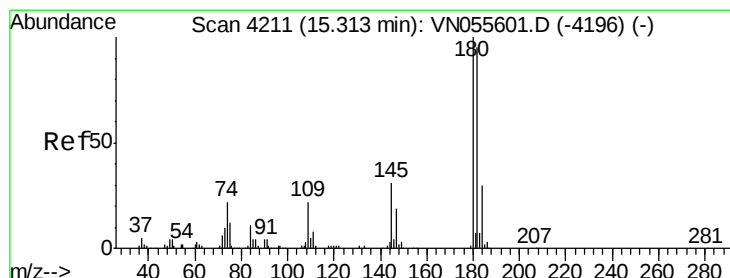
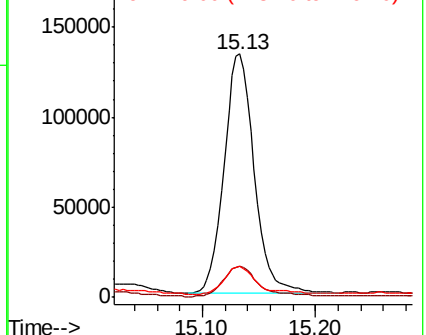
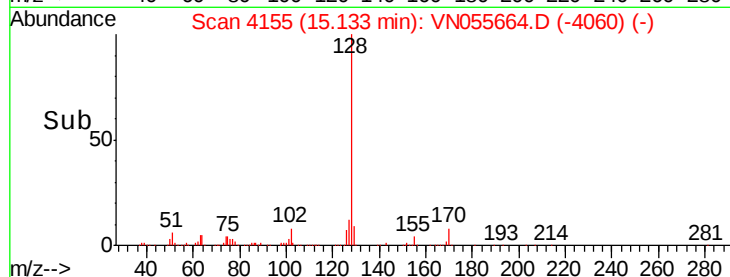
129 12.8 8.6 12.8



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: 19.648 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055664.D

Acq: 20 May 2019 11:13

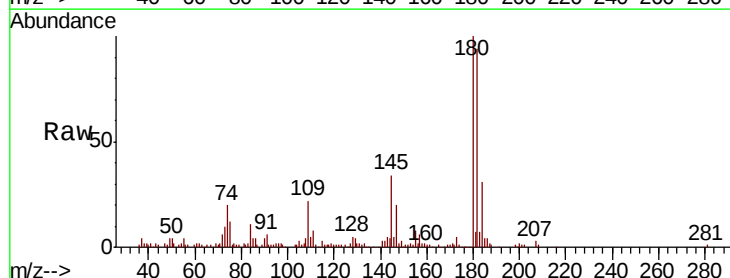
Tgt Ion:180 Resp: 78492

Ion Ratio Lower Upper

180 100

182 94.4 47.9 143.6

145 34.1 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

