

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055674.D
 Acq On : 20 May 2019 15:15
 Operator : JC/SP
 Sample : VN0520WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: May 21 04:36:55 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	332413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	504673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	431376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	169808	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.59	113	159245	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	10.09	98	580509	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
62) 4-Bromofluorobenzene	12.40	95	190154	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	44969	17.582	ug/l	100
3) Chloromethane	2.06	50	60303	17.677	ug/l	98
4) Vinyl Chloride	2.18	62	68706	18.599	ug/l	97
5) Bromomethane	2.59	94	2685	1.141	ug/l	94
6) Chloroethane	2.69	64	39739	19.375	ug/l	99
7) Trichlorofluoromethane	3.02	101	90364	19.089	ug/l	99
8) Diethyl Ether	3.41	74	37663	19.805	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.76	101	54889	19.020	ug/l	97
10) Methyl Iodide	3.96	142	81080	19.488	ug/l	98
11) Tert butyl alcohol	4.77	59	70016	103.036	ug/l	99
12) 1,1-Dichloroethene	3.74	96	57092	18.806	ug/l	97
13) Acrolein	3.61	56	32686	95.147	ug/l	100
14) Allyl chloride	4.33	41	89507	18.263	ug/l	98
15) Acrylonitrile	4.99	53	152041	100.567	ug/l	99
16) Acetone	3.81	43	123190	82.841	ug/l	98
17) Carbon Disulfide	4.06	76	149820	17.753	ug/l	98
18) Methyl Acetate	4.32	43	65691	20.605	ug/l	98
19) Methyl tert-butyl Ether	5.04	73	192216	19.139	ug/l	97
20) Methylene Chloride	4.55	84	65670	19.351	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	60815	18.805	ug/l	96
22) Diisopropyl ether	5.95	45	180254	18.561	ug/l	99
23) Vinyl Acetate	5.90	43	773514	93.870	ug/l	98
24) 1,1-Dichloroethane	5.85	63	107264	18.837	ug/l	100
25) 2-Butanone	6.83	43	196439	94.477	ug/l	97
26) 2,2-Dichloropropane	6.83	77	78531	15.539	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	72172	19.165	ug/l	94
28) Bromochloromethane	7.20	49	49863	20.128	ug/l	95
29) Tetrahydrofuran	7.21	42	132705	96.337	ug/l	97
30) Chloroform	7.37	83	110537	18.911	ug/l	100
31) Cyclohexane	7.65	56	97758	18.089	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	99158	18.914	ug/l	98
36) 1,1-Dichloropropene	7.79	75	81881	18.198	ug/l	99
37) Ethyl Acetate	6.93	43	81333	20.032	ug/l	99
38) Carbon Tetrachloride	7.78	117	89579	18.631	ug/l	98

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

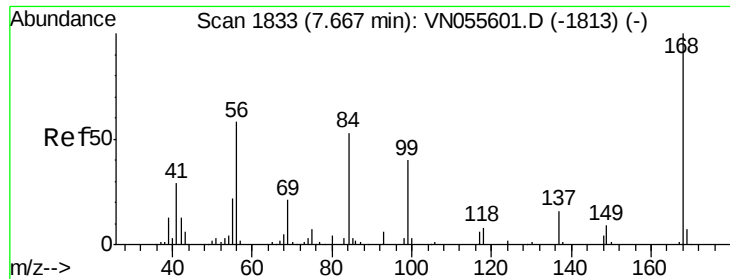
39) Methylcyclohexane	9.08	83	96243	17.744	ug/l	98
40) Benzene	8.04	78	255030	19.270	ug/l	100
41) Methacrylonitrile	7.21	41	117230	67.533	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	83403	19.462	ug/l	99
43) Isopropyl Acetate	8.16	43	150157	21.261	ug/l	96
44) Trichloroethene	8.84	130	73135	19.584	ug/l	95
45) 1,2-Dichloropropane	9.12	63	66396	19.044	ug/l	99
46) Dibromomethane	9.21	93	44516	19.508	ug/l	96
47) Bromodichloromethane	9.40	83	89447	18.703	ug/l	99
48) Methyl methacrylate	9.20	41	59806	18.945	ug/l	95
49) 1,4-Dioxane	9.20	88	28509	454.486	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	396574	95.724	ug/l	99
52) Toluene	10.16	92	158682	19.117	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	93575	18.179	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	104291	18.495	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	65366	19.128	ug/l	99
56) Ethyl methacrylate	10.43	69	98199	18.408	ug/l	97
57) 1,3-Dichloropropane	10.71	76	105005	19.401	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	201368	88.840	ug/l	98
59) 2-Hexanone	10.75	43	271961	93.240	ug/l	98
60) Dibromochloromethane	10.90	129	76108	19.651	ug/l	100
61) 1,2-Dibromoethane	11.01	107	68292	19.973	ug/l	100
64) Tetrachloroethene	10.63	164	69230	20.347	ug/l	98
65) Chlorobenzene	11.43	112	168158	19.273	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	69391	19.769	ug/l	99
67) Ethyl Benzene	11.51	91	296155	19.054	ug/l	98
68) m/p-Xylenes	11.62	106	225007	38.334	ug/l	98
69) o-Xylene	11.95	106	112486	19.594	ug/l	97
70) Styrene	11.96	104	183745	19.249	ug/l	98
71) Bromoform	12.13	173	59812	20.108	ug/l #	100
73) Isopropylbenzene	12.25	105	296946	22.941	ug/l	100
74) N-amyl acetate	12.07	43	102799	20.976	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	91005	22.683	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	107964	30.316	ug/l #	100
77) Bromobenzene	12.53	156	77984	21.757	ug/l	93
78) n-propylbenzene	12.59	91	303632	19.591	ug/l	99
79) 2-Chlorotoluene	12.67	91	188718	21.804	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	242212	22.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	25944	18.727	ug/l	99
82) 4-Chlorotoluene	12.77	91	176849	19.366	ug/l	98
83) tert-Butylbenzene	12.99	119	217606	23.010	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	239871	21.983	ug/l	99
85) sec-Butylbenzene	13.17	105	269341	21.881	ug/l	100
86) p-Isopropyltoluene	13.29	119	243529	21.418	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	117702	19.861	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	112364	19.857	ug/l	99
89) n-Butylbenzene	13.62	91	176866	18.468	ug/l	99
90) Hexachloroethane	13.87	117	49075	22.454	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	117382	19.869	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	16648	21.019	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52781	17.552	ug/l	98
94) Hexachlorobutadiene	15.01	225	42417	21.722	ug/l	99
95) Naphthalene	15.13	128	158214	18.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	57576	18.311	ug/l	99

(#) = 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: VN055674.D

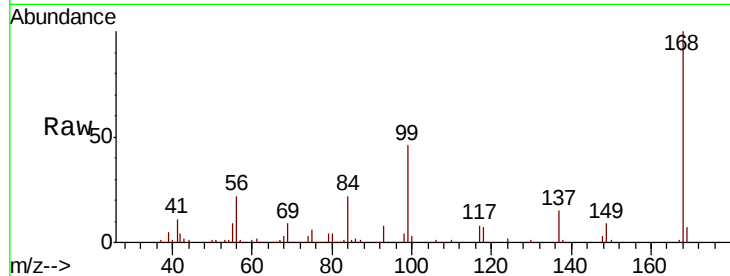
Acq: 20 May 2019 15:15

Tot Ion:168 Resp: 332413

Ion Ratio Lower Upper

168 100

99 45.2 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

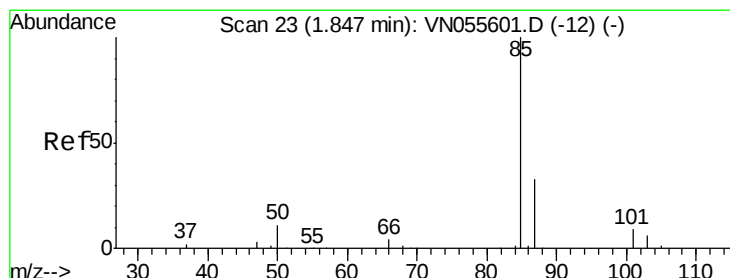
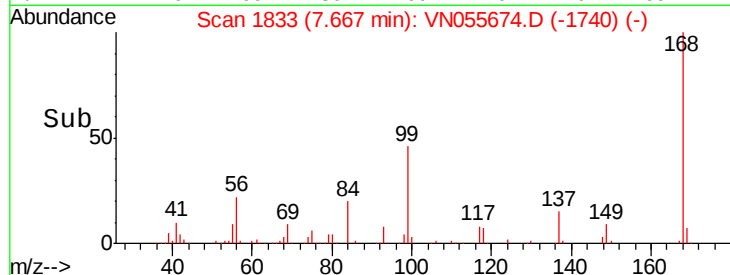
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.582 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055674.D

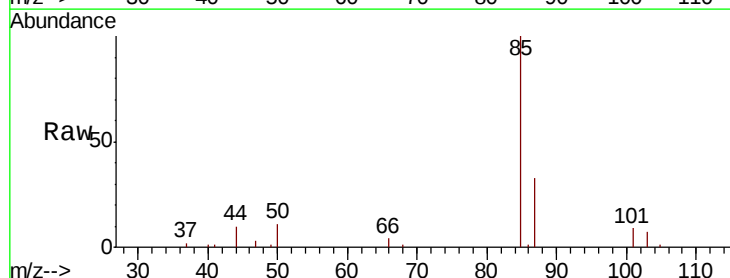
Acq: 20 May 2019 15:15

Tgt Ion: 85 Resp: 44969

Ion Ratio Lower Upper

85 100

87 33.3 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

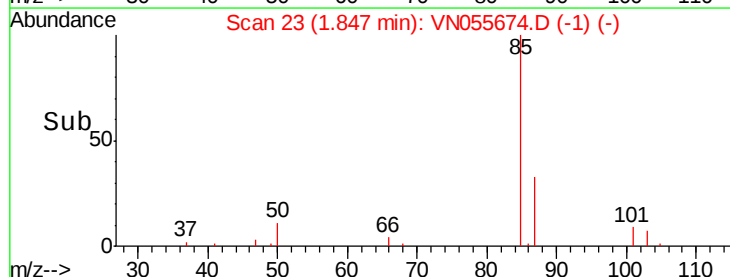
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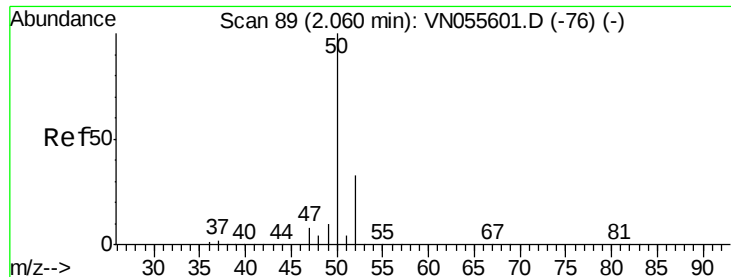
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.677 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055674.D

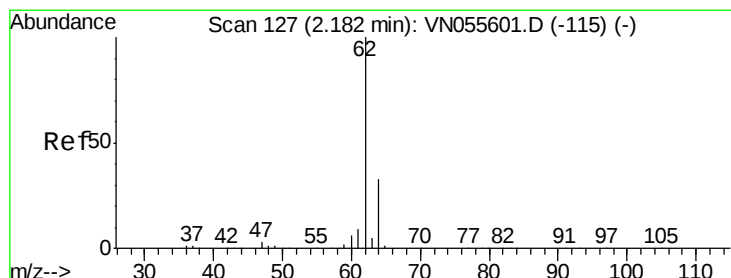
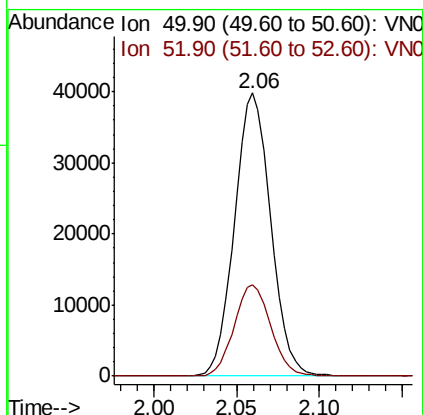
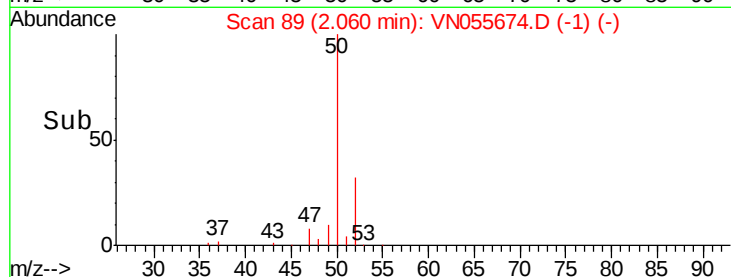
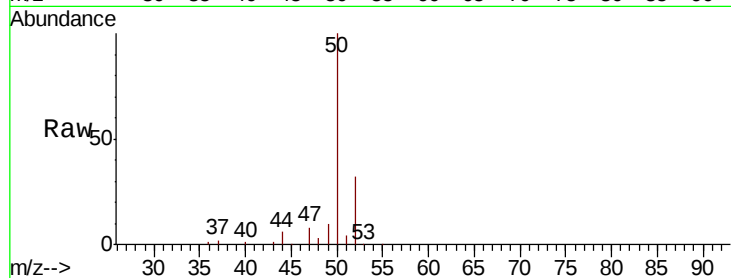
Acq: 20 May 2019 15:15

Tot Ion: 50 Resp: 60303

Ion Ratio Lower Upper

50 100

52 32.3 26.7 40.1



#4

Vinyl Chloride

Concen: 18.599 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN055674.D

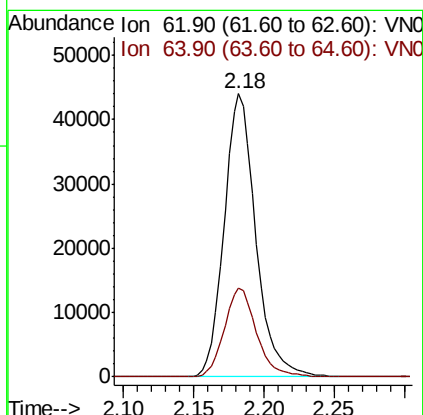
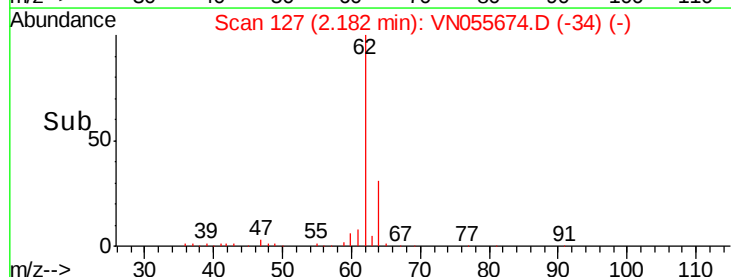
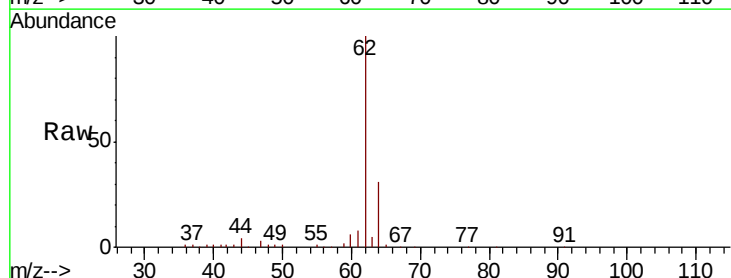
Acq: 20 May 2019 15:15

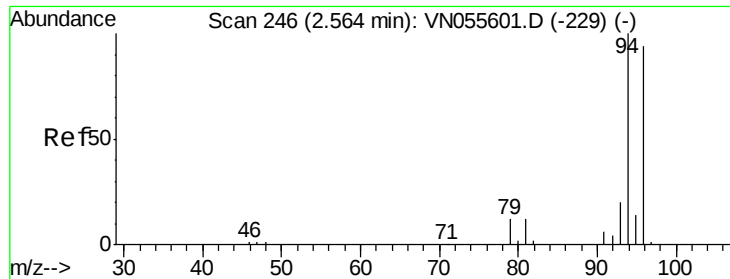
Tgt Ion: 62 Resp: 68706

Ion Ratio Lower Upper

62 100

64 31.4 26.2 39.4





#5

Bromomethane

Concen: 1.141 ug/l

RT: 2.59 min Scan# 253

Delta R.T. 0.02 min

Lab File: VN055674.D

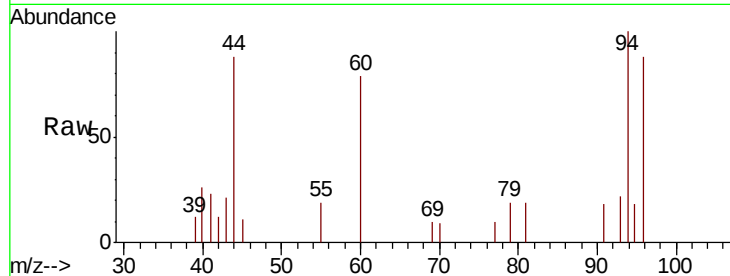
Acq: 20 May 2019 15:15

Tot Ion: 94 Resp: 2685

Ion Ratio Lower Upper

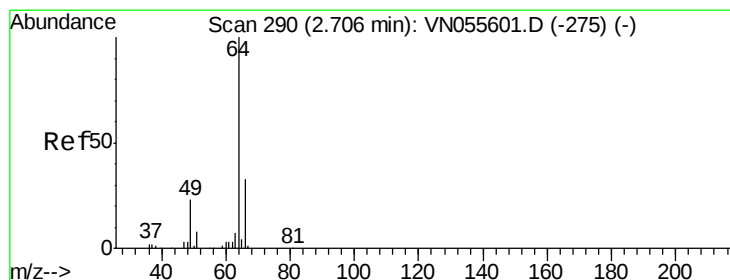
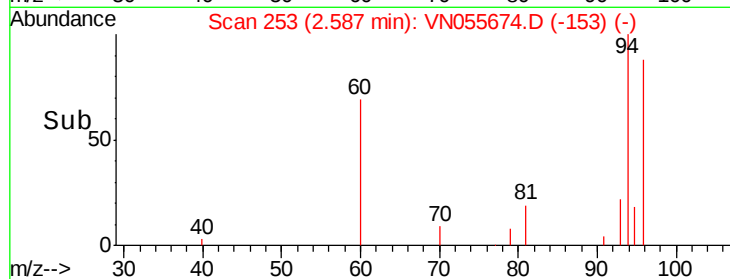
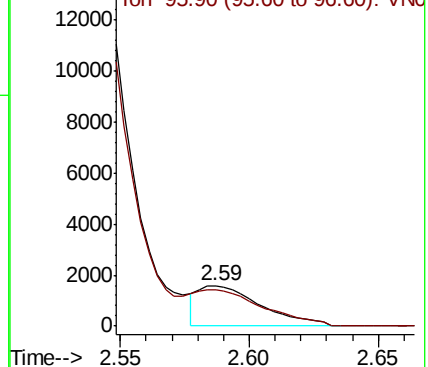
94 100

96 88.5 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: 19.375 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.02 min

Lab File: VN055674.D

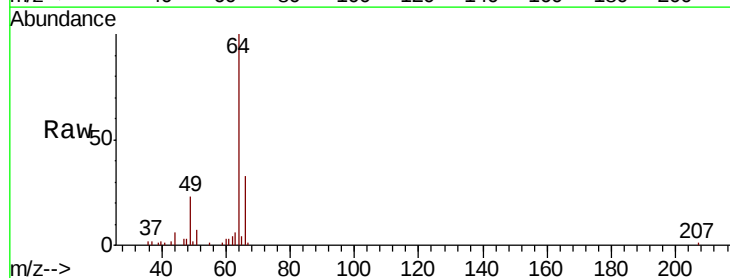
Acq: 20 May 2019 15:15

Tgt Ion: 64 Resp: 39739

Ion Ratio Lower Upper

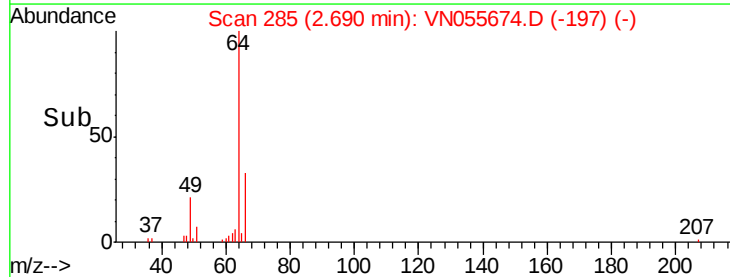
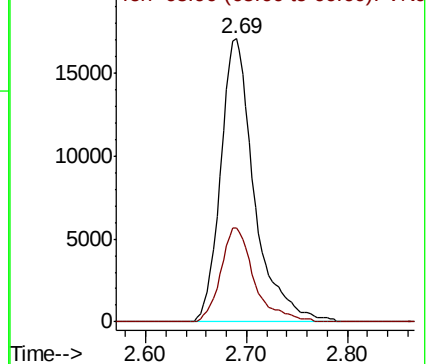
64 100

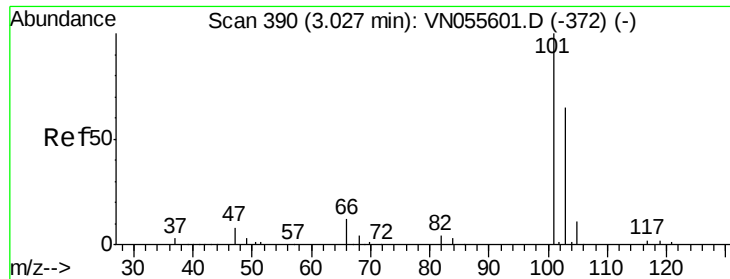
66 33.3 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

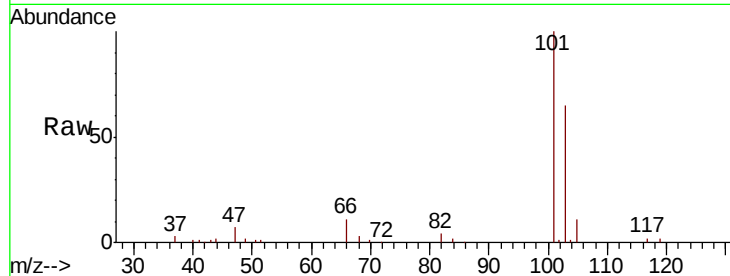




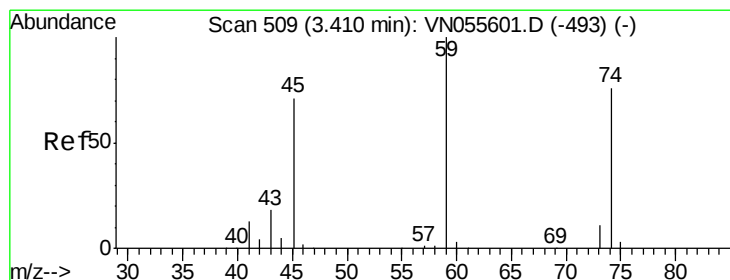
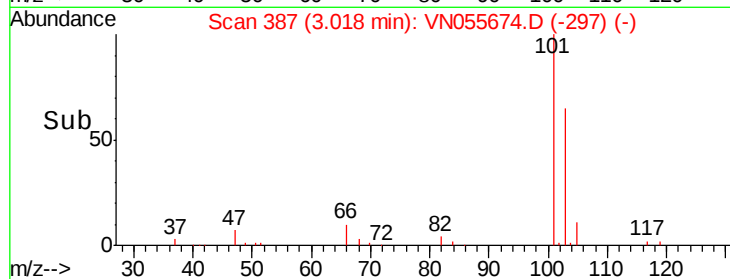
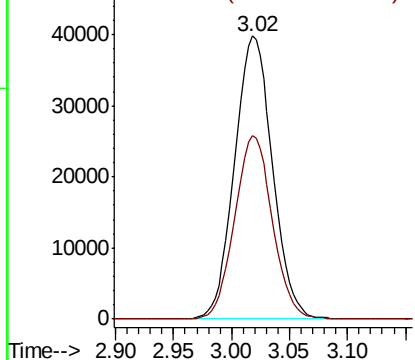
#7

Trichlorofluoromethane
Concen: 19.089 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.01 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion:101 Resp: 90364
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5



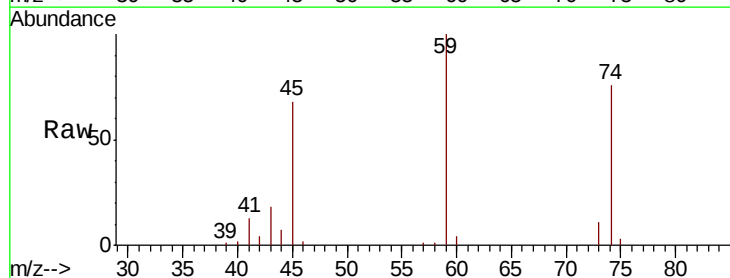
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



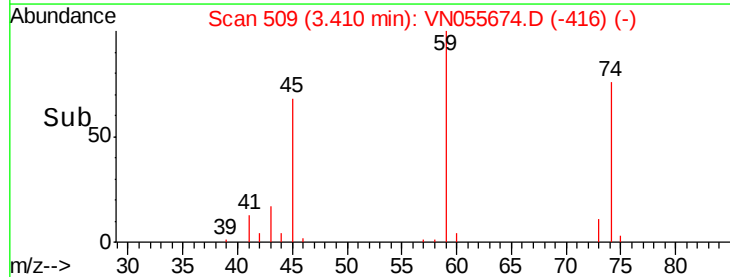
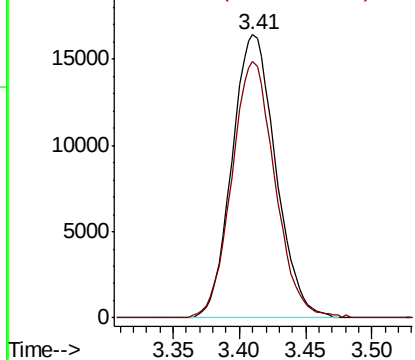
#8

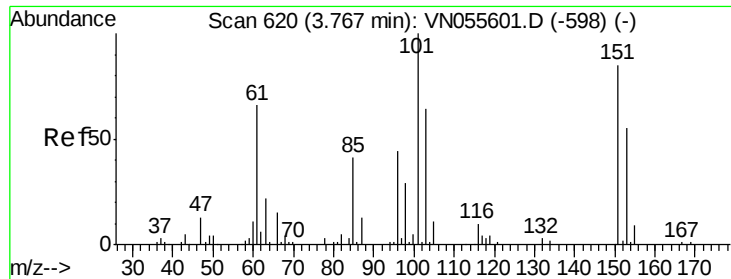
Diethyl Ether
Concen: 19.805 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion: 74 Resp: 37663
Ion Ratio Lower Upper
74 100
45 89.5 46.4 139.2



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.020 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

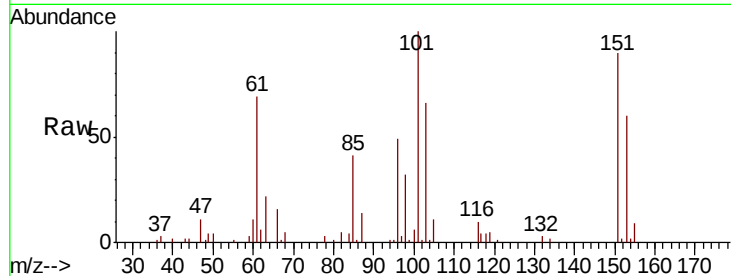
Tot Ion:101 Resp: 54889

Ion Ratio Lower Upper

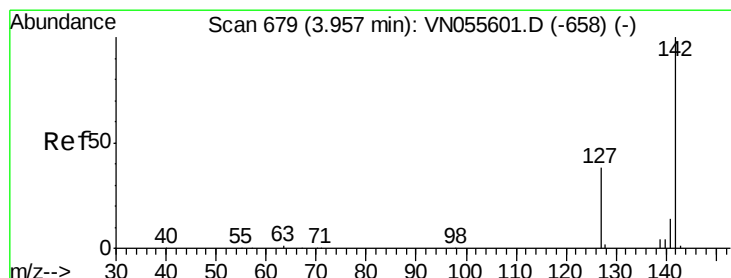
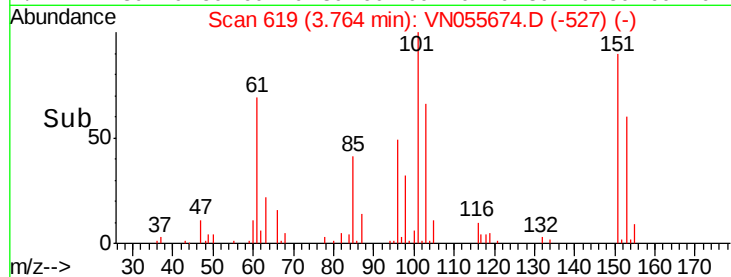
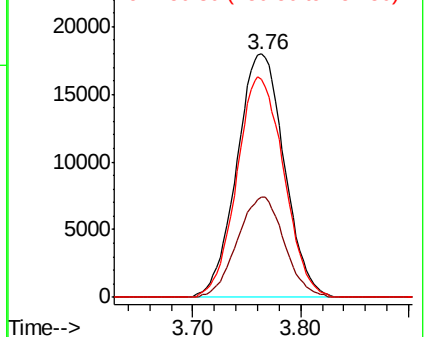
101 100

85 40.7 33.4 50.0

151 89.6 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: 19.488 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

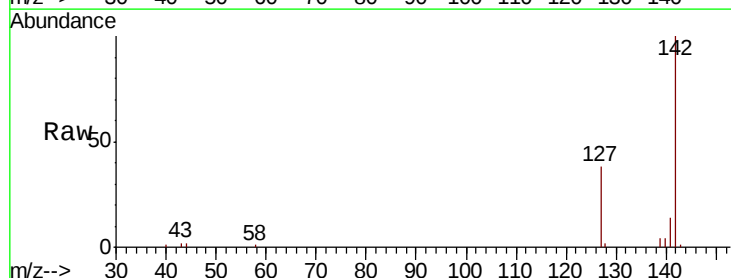
Tgt Ion:142 Resp: 81080

Ion Ratio Lower Upper

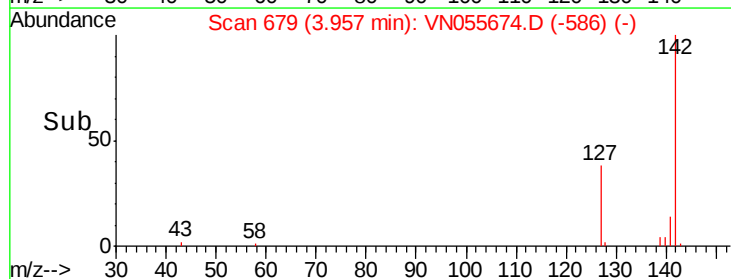
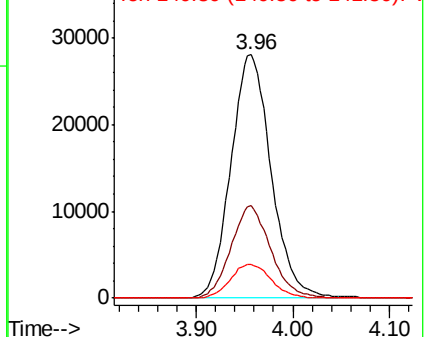
142 100

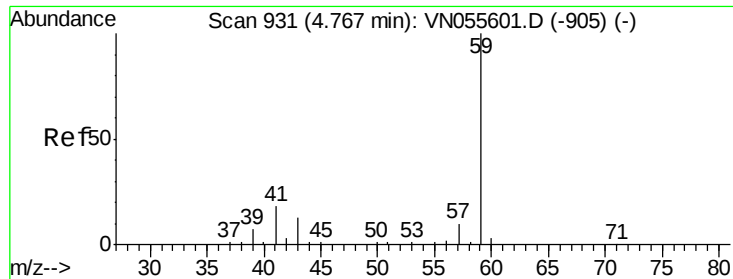
127 37.4 31.0 46.4

141 14.0 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



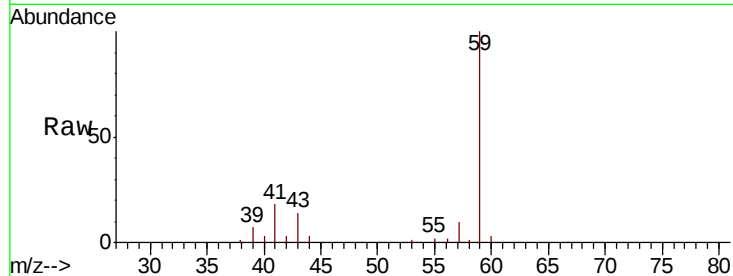


#11

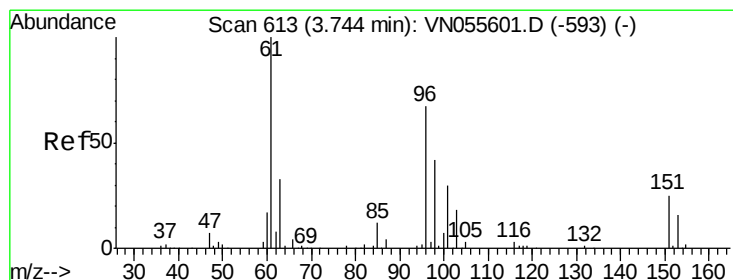
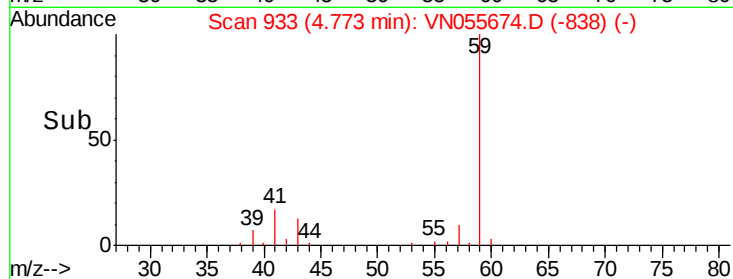
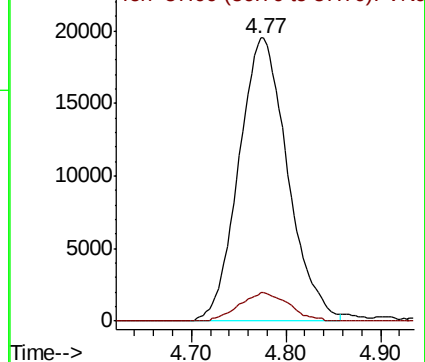
Tert butyl alcohol
 Concen: 103.036 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tot Ion: 59 Resp: 70016

Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6



Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0

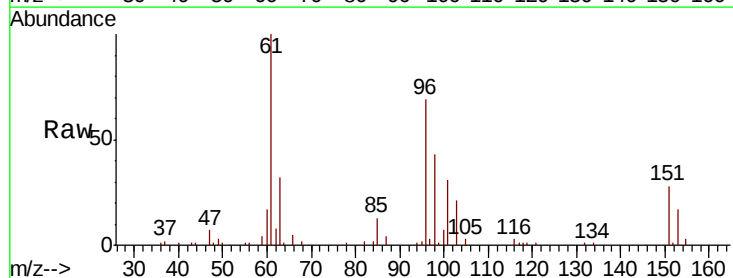


#12

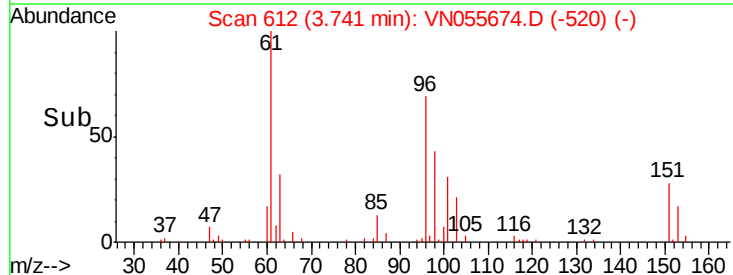
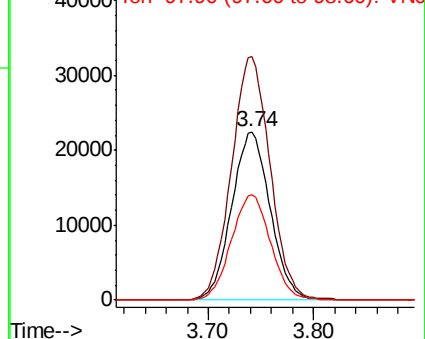
1,1-Dichloroethene
 Concen: 18.806 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

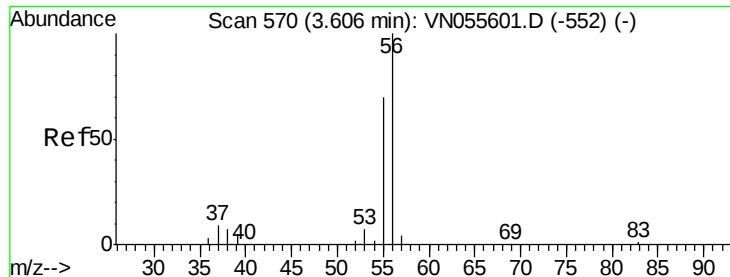
Tgt Ion: 96 Resp: 57092

Ion	Ratio	Lower	Upper
96	100		
61	144.5	120.2	180.2
98	62.6	50.6	75.8



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





#13

Acrolein

Concen: 95.147 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN055674.D

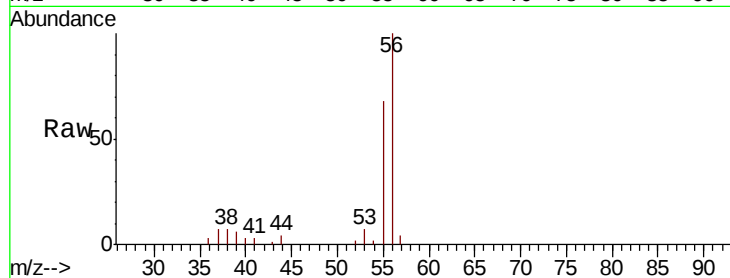
Acq: 20 May 2019 15:15

Tot Ion: 56 Resp: 32686

Ion Ratio Lower Upper

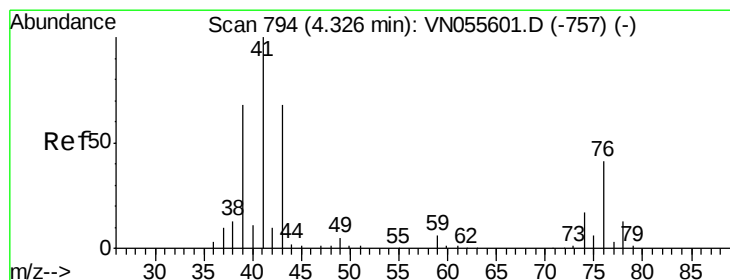
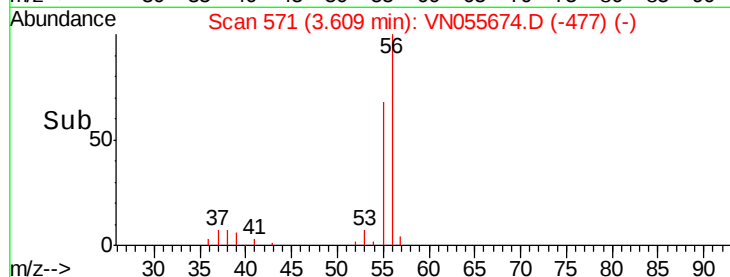
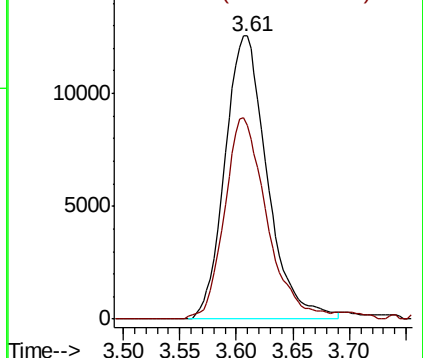
56 100

55 70.8 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: 18.263 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

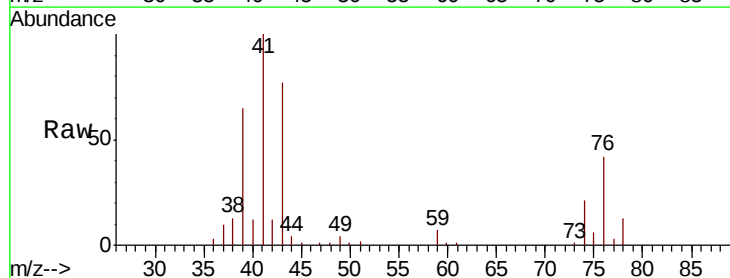
Tgt Ion: 41 Resp: 89507

Ion Ratio Lower Upper

41 100

39 62.0 50.5 75.7

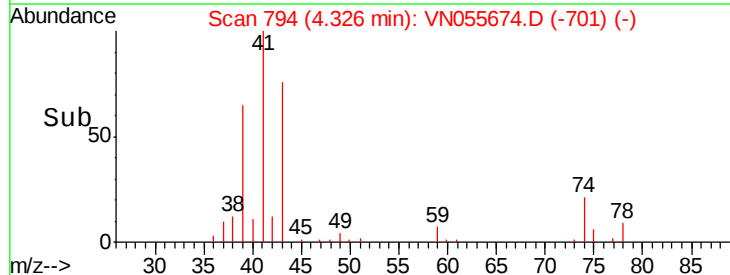
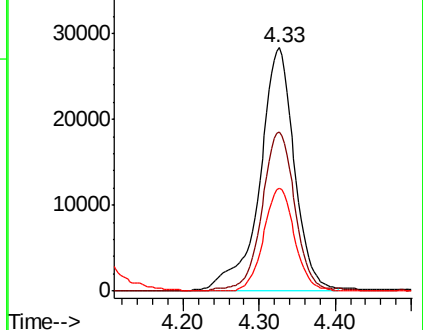
76 37.5 29.2 43.8

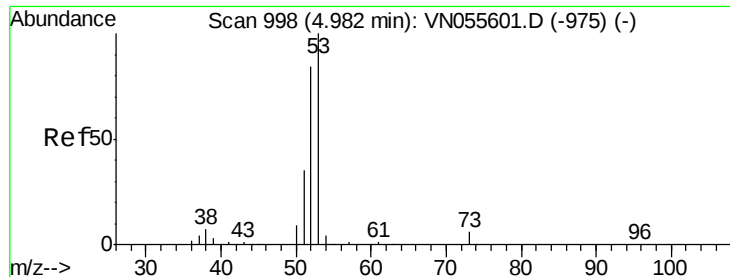


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 100.567 ug/l

RT: 4.99 min Scan# 999

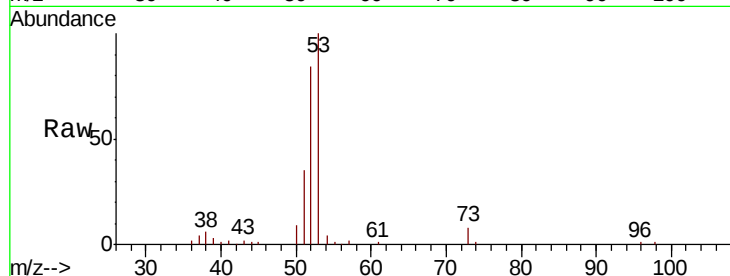
Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

Tot Ion: 53 Resp: 152041

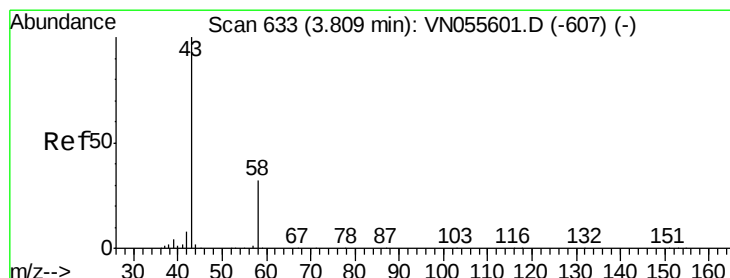
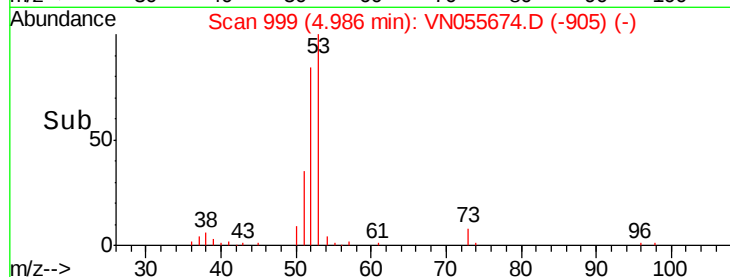
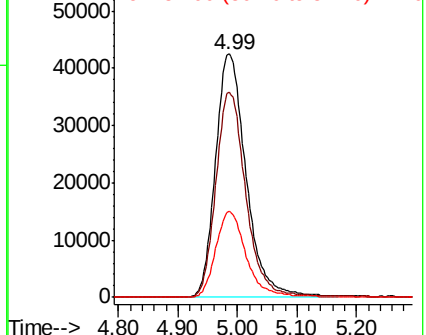
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	34.9	28.5	42.7



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: 82.841 ug/l

RT: 3.81 min Scan# 634

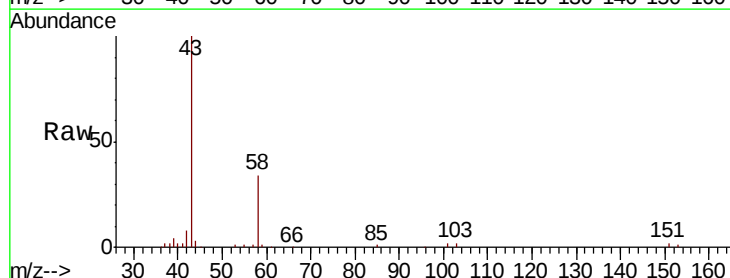
Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

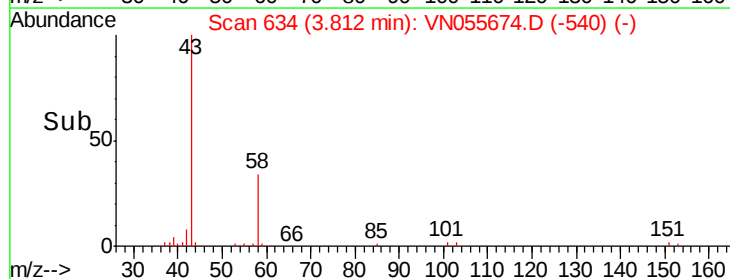
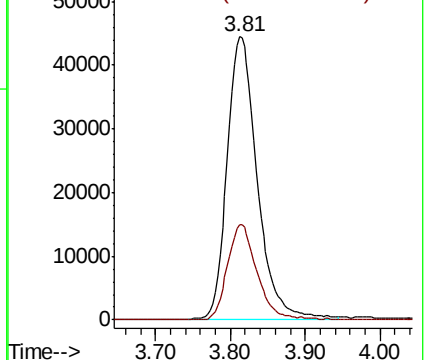
Tgt Ion: 43 Resp: 123190

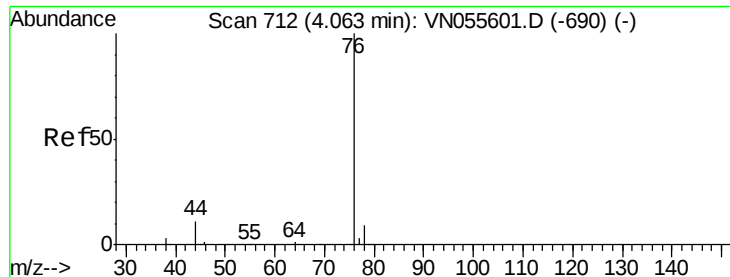
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.0	39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.753 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.01 min

Lab File: VN055674.D

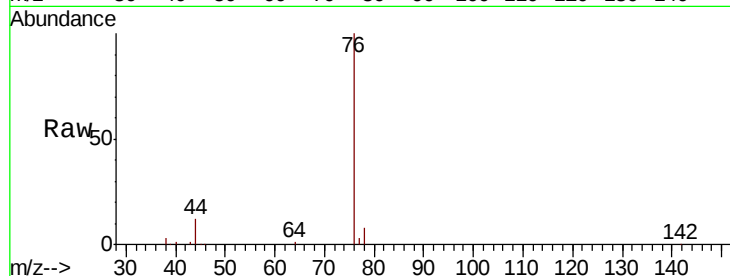
Acq: 20 May 2019 15:15

Tot Ion: 76 Resp: 149820

Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN055601.D (-690) (-)

Ion 77.90 (77.60 to 78.60): VN055601.D (-690) (-)

4.06

60000

50000

40000

30000

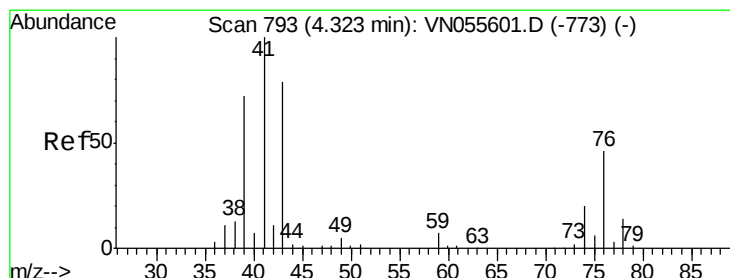
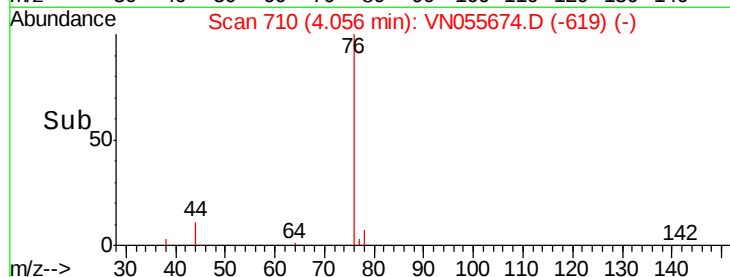
20000

10000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 20.605 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN055674.D

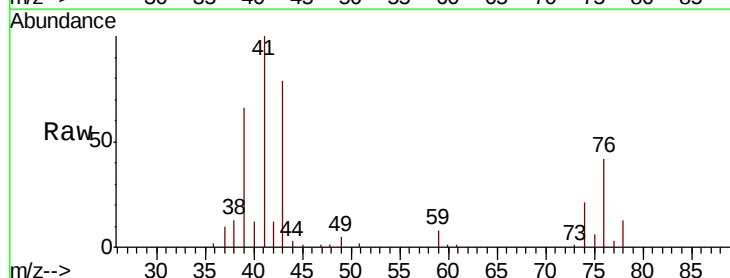
Acq: 20 May 2019 15:15

Tgt Ion: 43 Resp: 65691

Ion Ratio Lower Upper

43 100

74 25.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-773) (-)

Ion 74.00 (73.70 to 74.70): VN055601.D (-773) (-)

4.32

25000

20000

15000

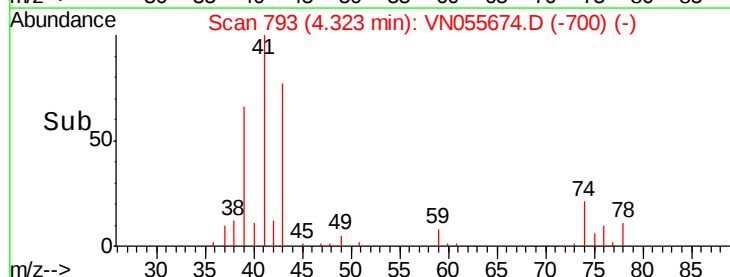
10000

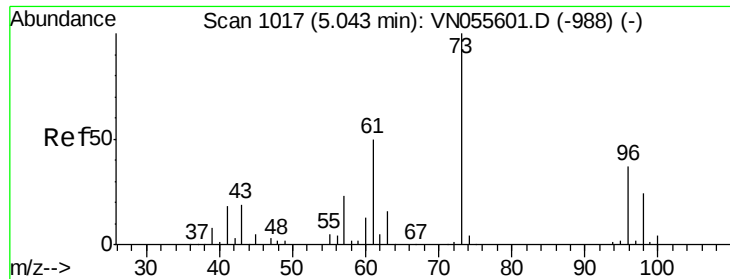
5000

0

Time-->

4.20 4.30 4.40 4.50

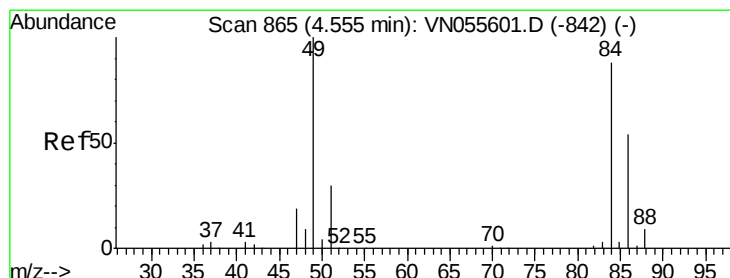
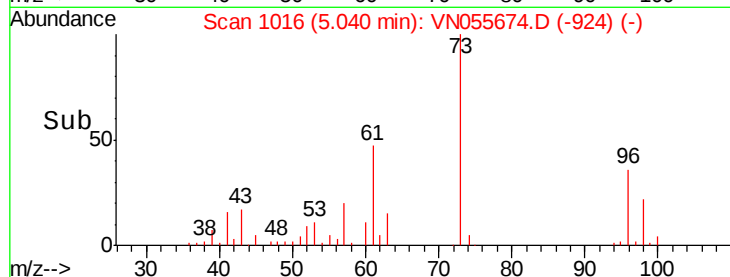
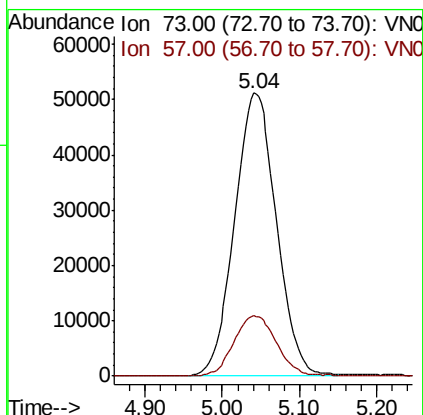
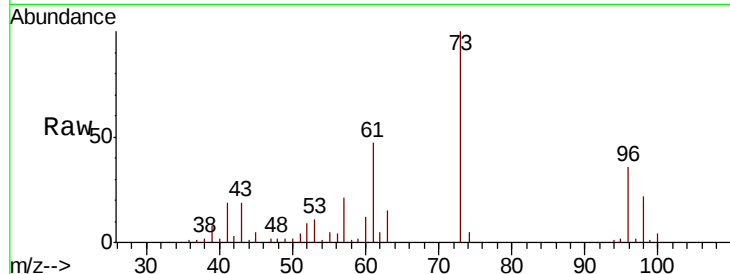




#19

Methyl tert-butyl Ether
 Concen: 19.139 ug/l
 RT: 5.04 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

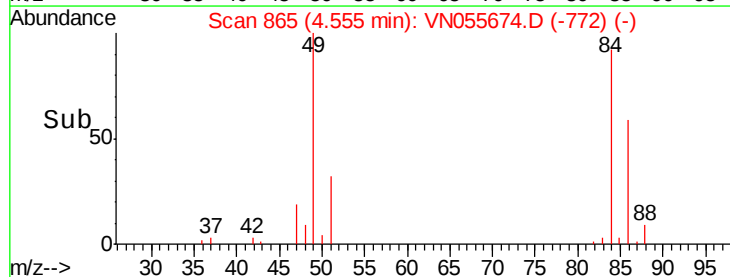
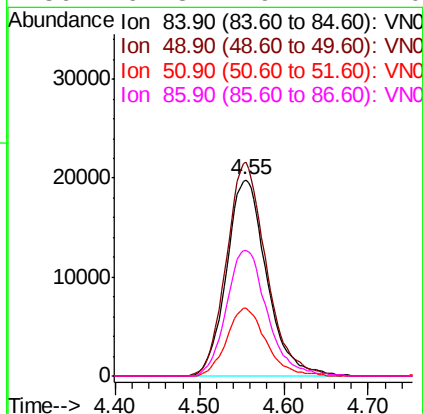
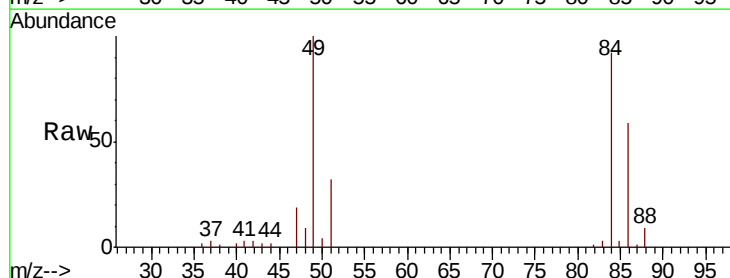
Tot Ion: 73 Resp: 192216
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.2

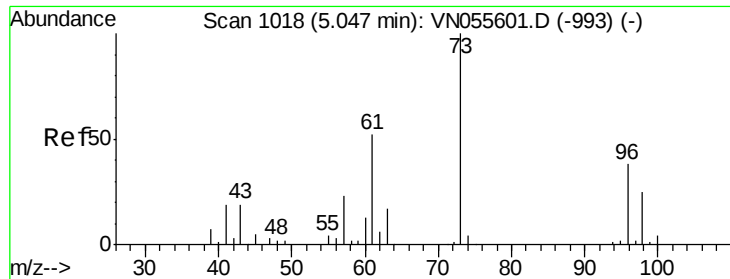


#20

Methylene Chloride
 Concen: 19.351 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tgt Ion: 84 Resp: 65670
 Ion Ratio Lower Upper
 84 100
 49 109.1 91.0 136.4
 51 34.4 27.5 41.3
 86 64.3 49.4 74.0

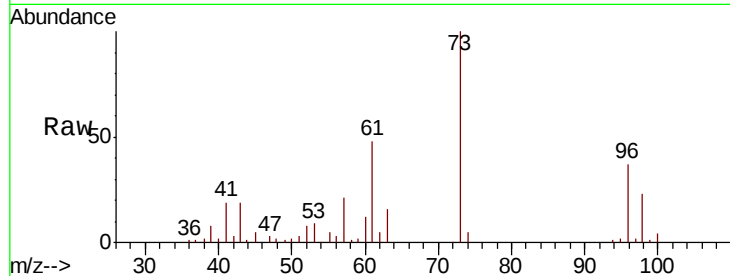




#21

trans-1,2-Dichloroethene
Concen: 18.805 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	108.6	162.8
98	62.7	51.4	77.0

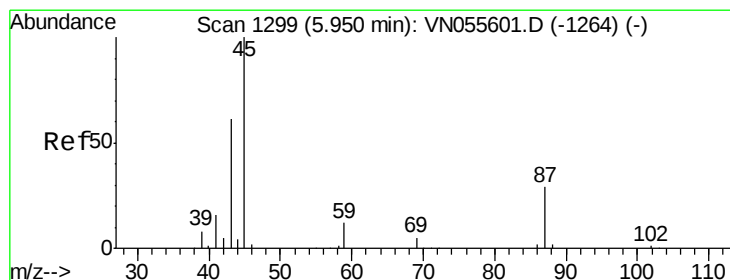
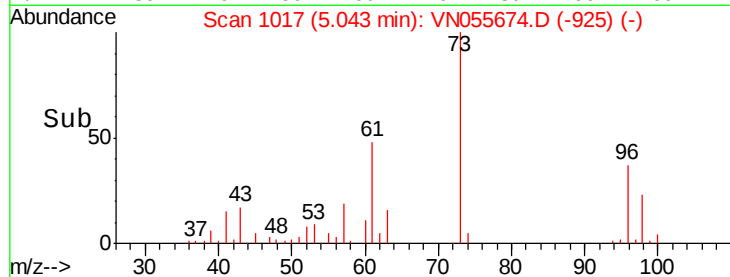
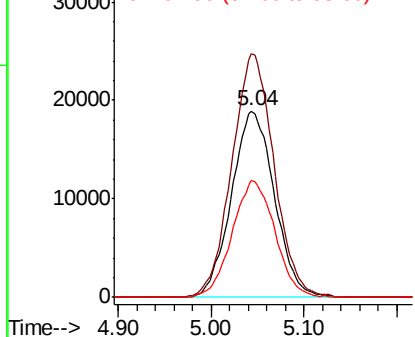


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

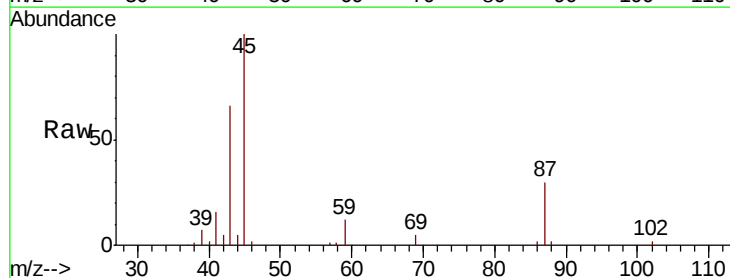
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether
Concen: 18.561 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.3	50.4	75.6
87	30.0	23.8	35.6
59	11.5	9.5	14.3



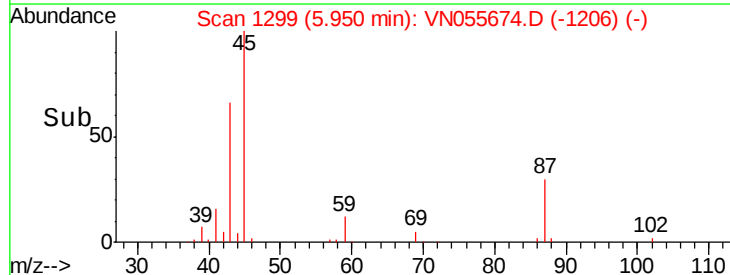
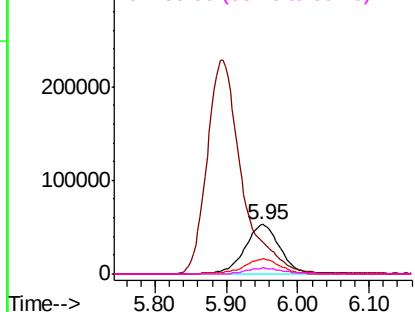
Abundance

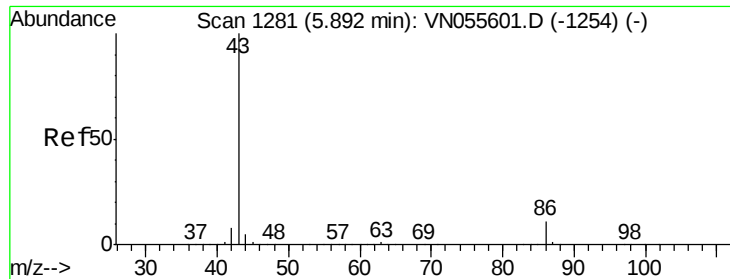
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 93.870 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055674.D

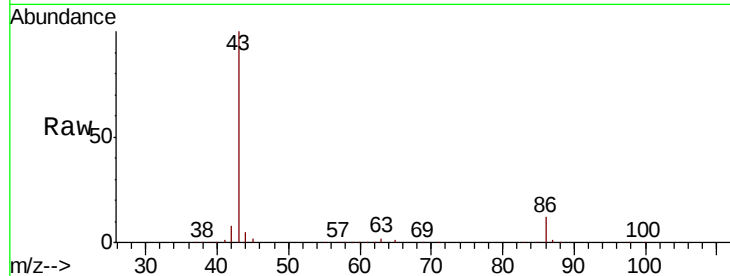
Acq: 20 May 2019 15:15

Tot Ion: 43 Resp: 773514

Ion Ratio Lower Upper

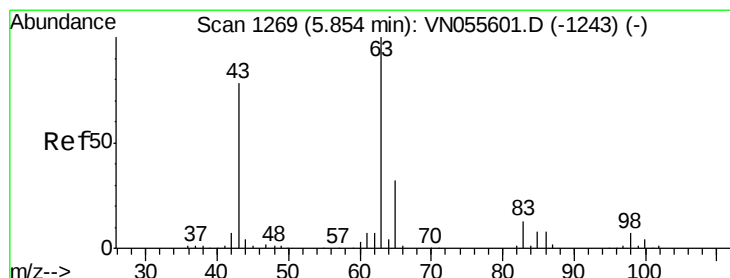
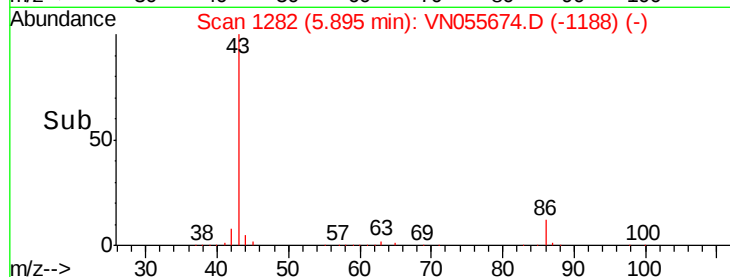
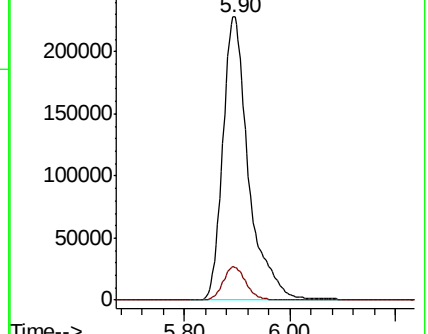
43 100

86 11.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.837 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

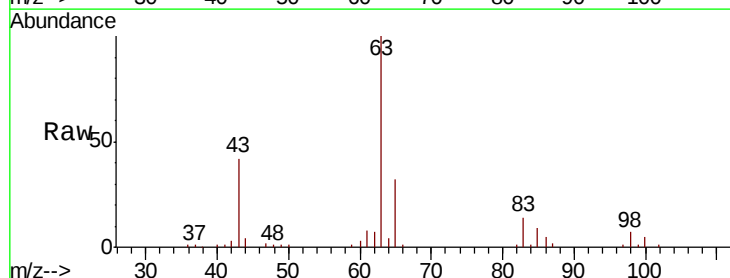
Tgt Ion: 63 Resp: 107264

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.2

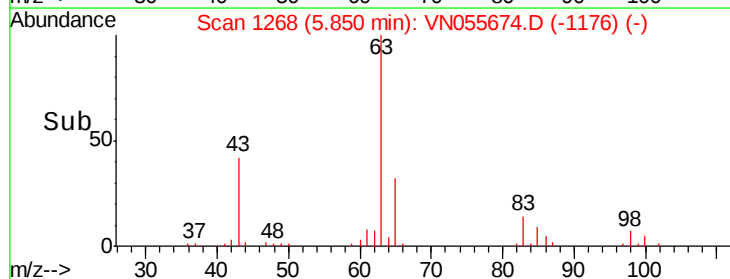
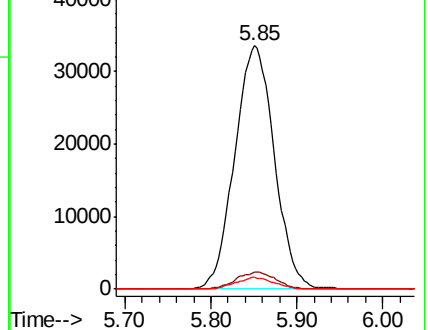
100 4.7 2.2 6.6

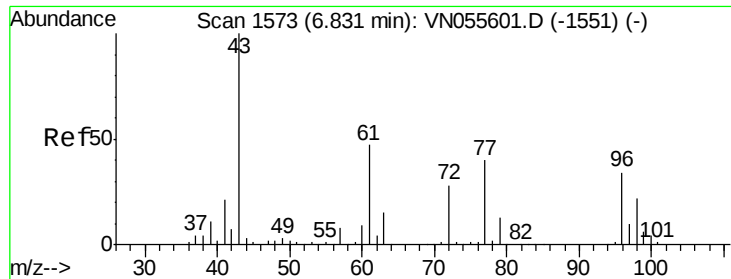


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 94.477 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN055674.D

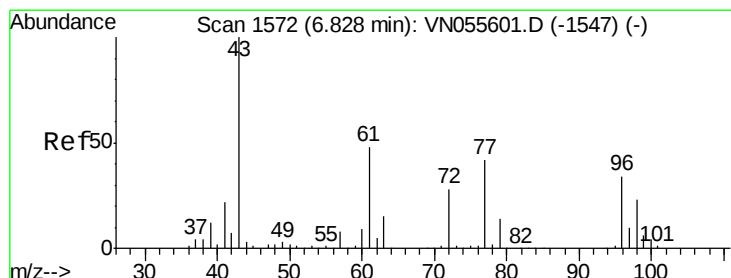
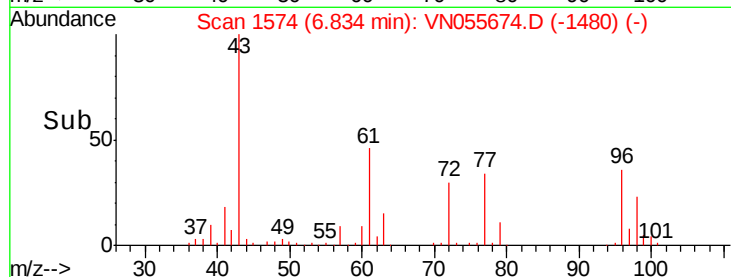
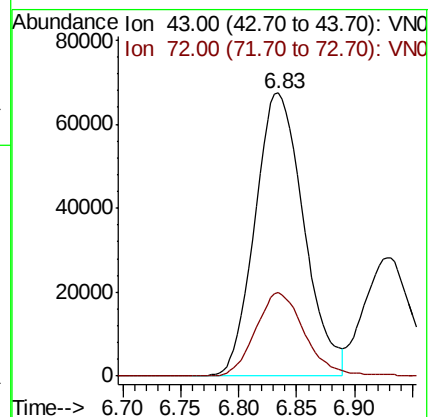
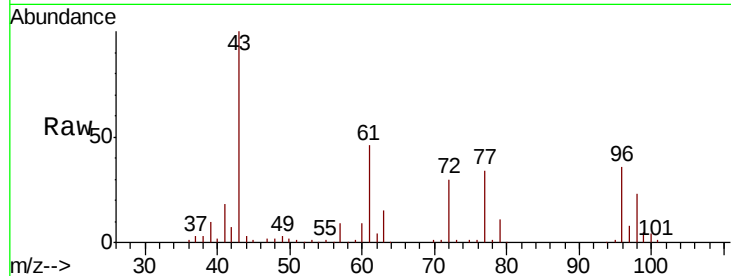
Acq: 20 May 2019 15:15

Tot Ion: 43 Resp: 196439

Ion Ratio Lower Upper

43 100

72 29.6 22.3 33.5



#26

2,2-Dichloropropane

Concen: 15.539 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN055674.D

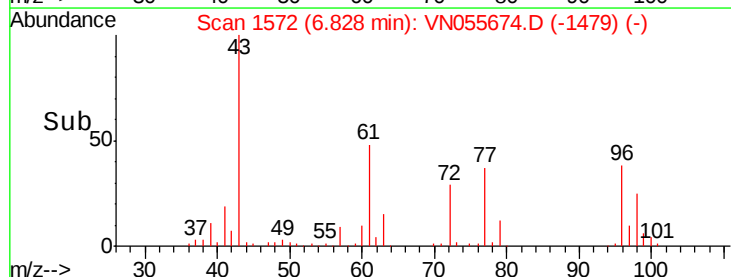
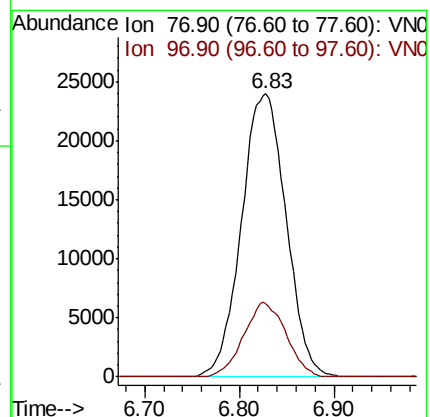
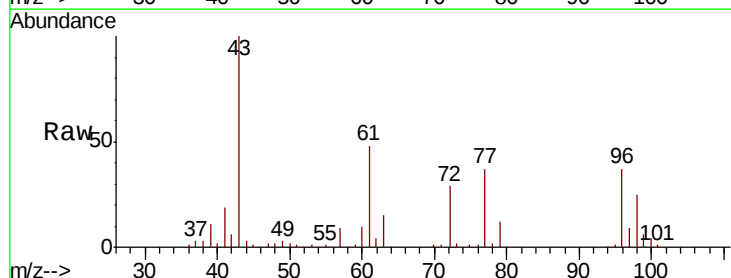
Acq: 20 May 2019 15:15

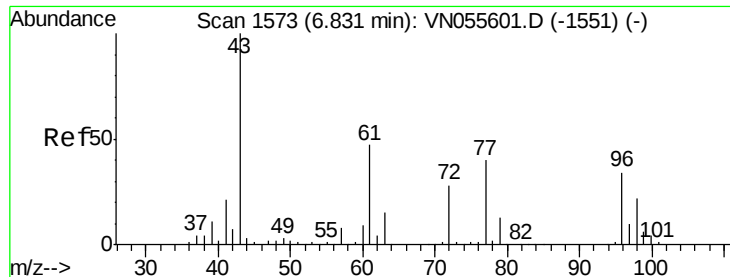
Tgt Ion: 77 Resp: 78531

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 19.165 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

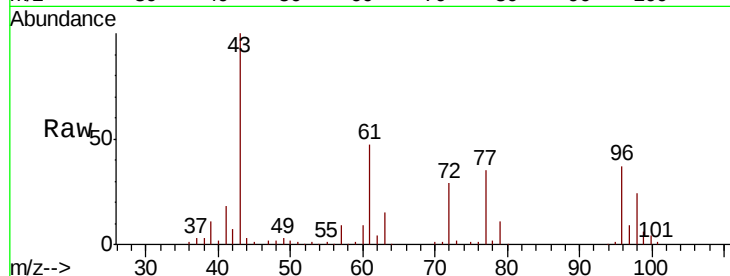
Tot Ion: 96 Resp: 72172

Ion Ratio Lower Upper

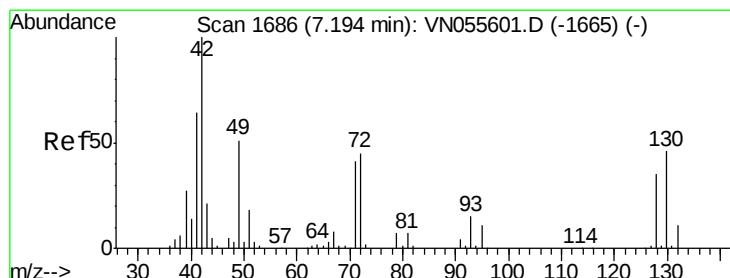
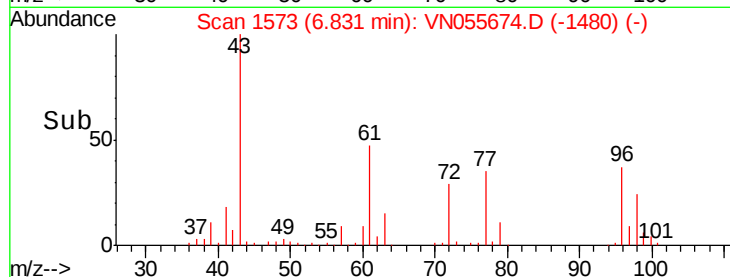
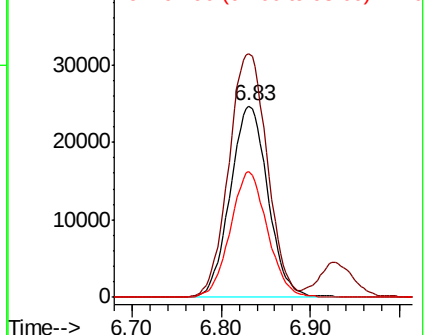
96 100

61 130.2 0.0 279.0

98 64.7 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: 20.128 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

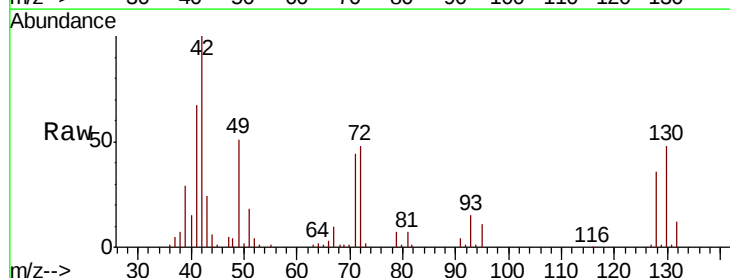
Tgt Ion: 49 Resp: 49863

Ion Ratio Lower Upper

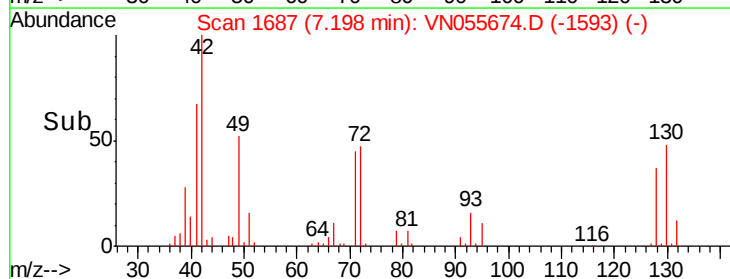
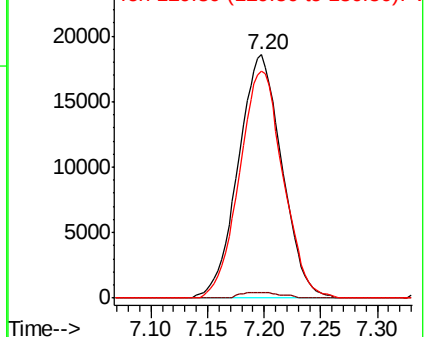
49 100

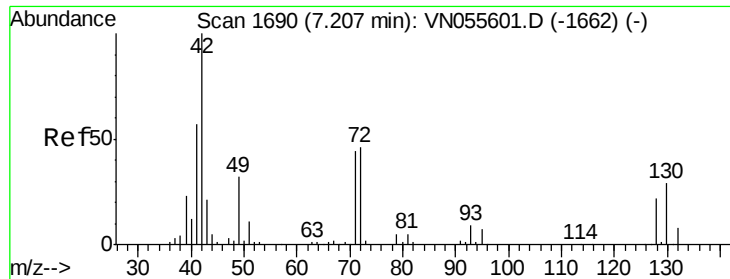
129 2.1 0.0 4.4

130 93.3 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: 96.337 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

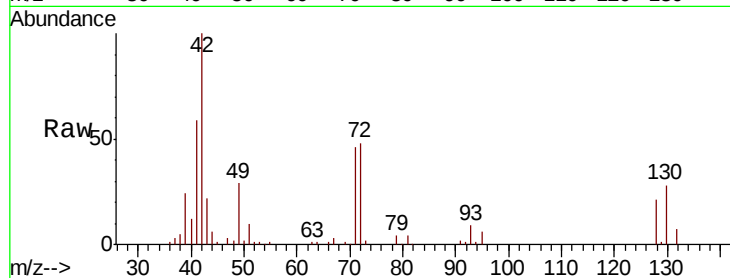
Tot Ion: 42 Resp: 132705

Ion Ratio Lower Upper

42 100

72 48.1 36.5 54.7

71 44.5 34.9 52.3

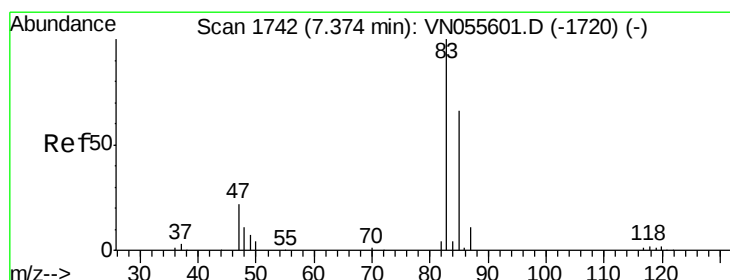
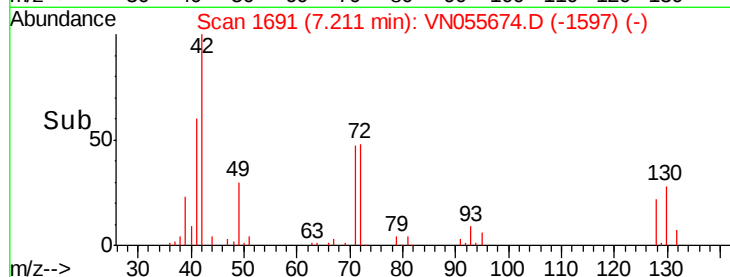
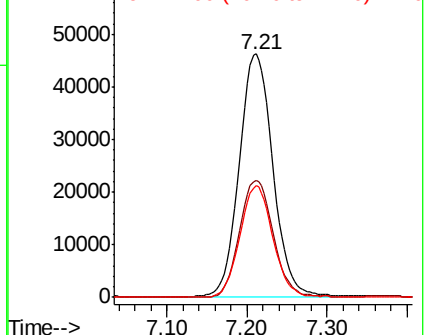


Abundance

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: 18.911 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN055674.D

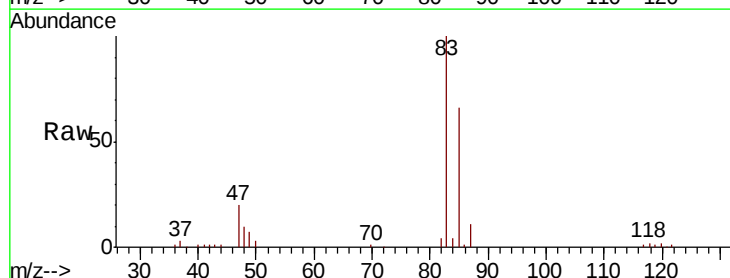
Acq: 20 May 2019 15:15

Tgt Ion: 83 Resp: 110537

Ion Ratio Lower Upper

83 100

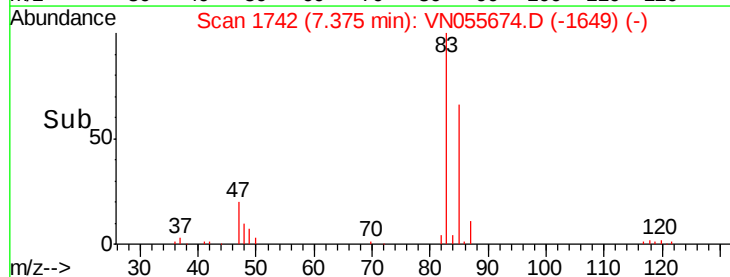
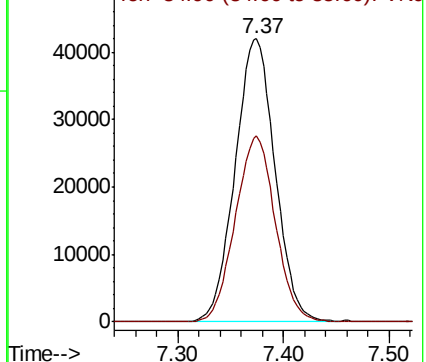
85 65.7 52.6 78.8

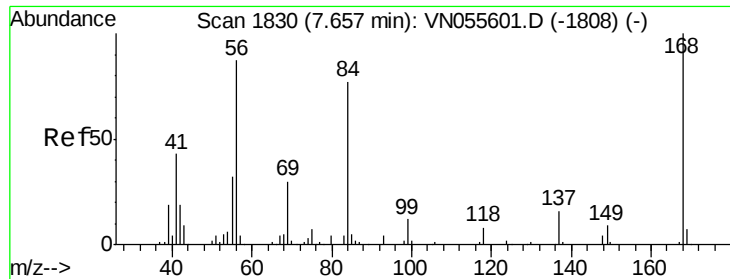


Abundance

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.089 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

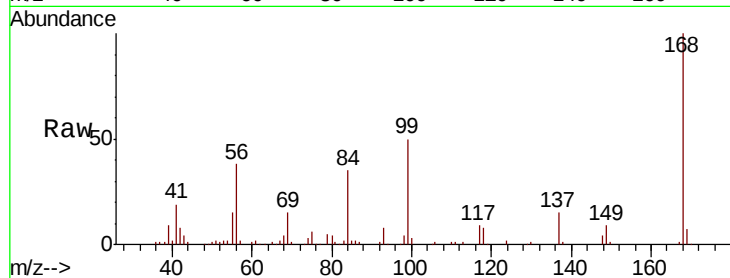
Tot Ion: 56 Resp: 97758

Ion Ratio Lower Upper

56 100

69 38.7 27.2 40.8

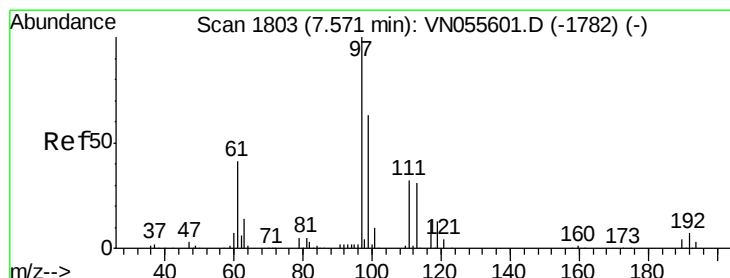
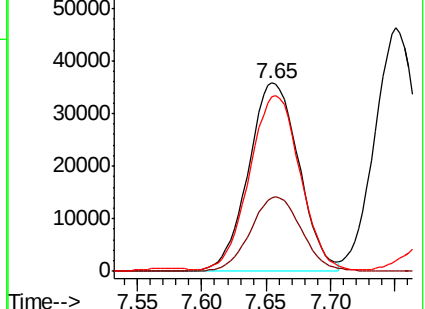
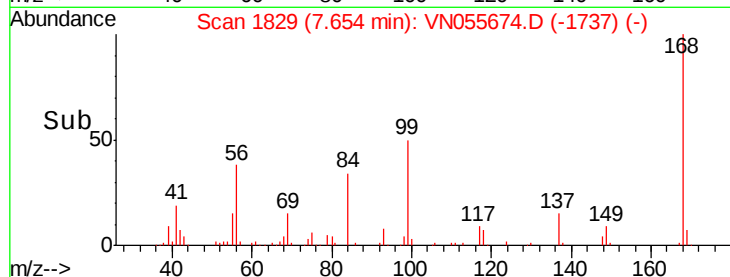
84 91.5 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VN055601.D (-1808) (-)

Ion 69.00 (68.70 to 69.70): VN055601.D (-1808) (-)

Ion 84.00 (83.70 to 84.70): VN055601.D (-1808) (-)



#32

1,1,1-Trichloroethane

Concen: 18.914 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

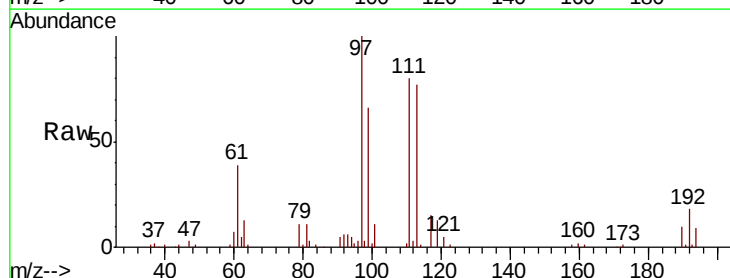
Tgt Ion: 97 Resp: 99158

Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

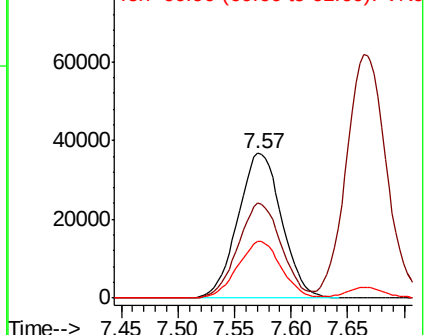
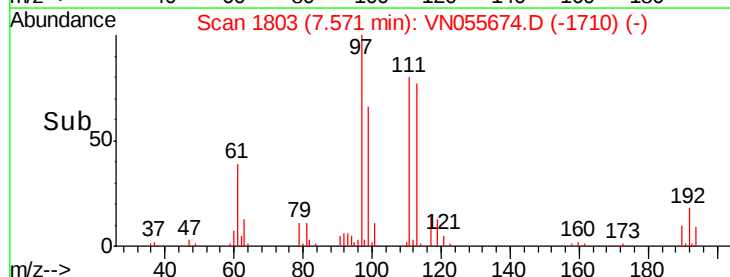
61 38.8 32.9 49.3

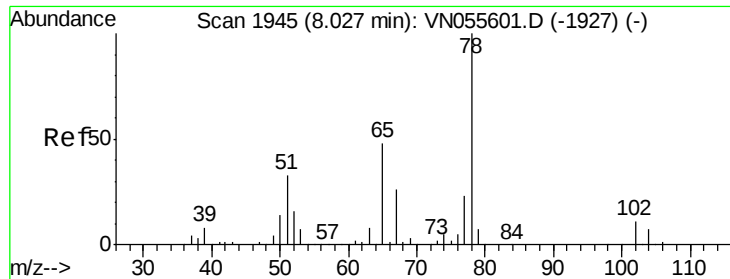


Abundance Ion 96.90 (96.60 to 97.60): VN055601.D (-1782) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1782) (-)

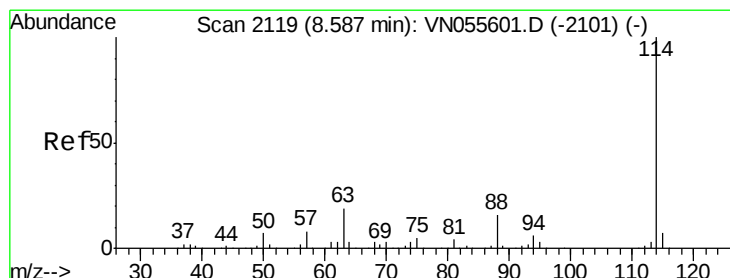
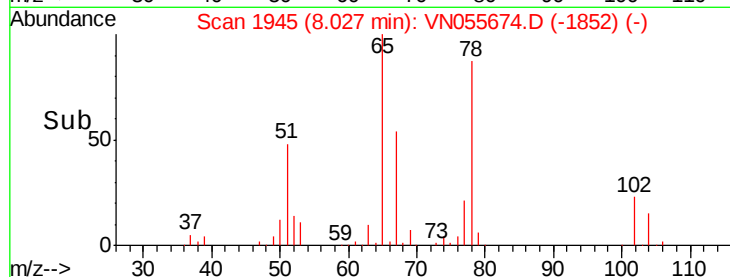
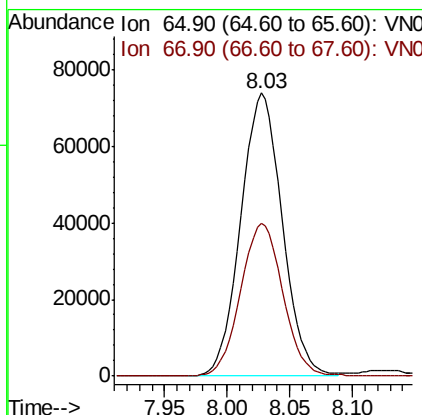
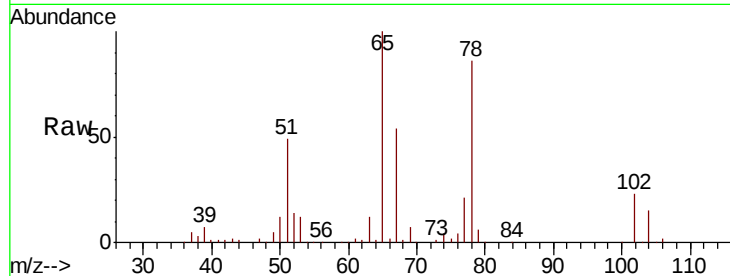
Ion 60.90 (60.60 to 61.60): VN055601.D (-1782) (-)





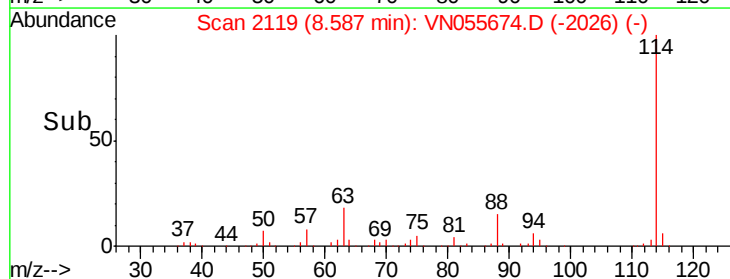
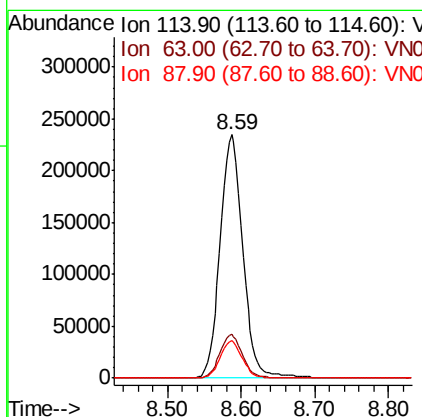
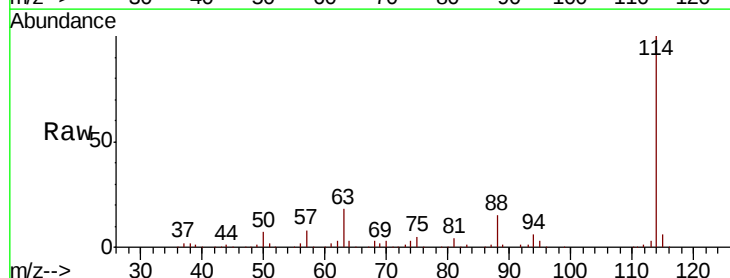
#33
 1,2-Dichloroethane-d4
 Concen: 46.600 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

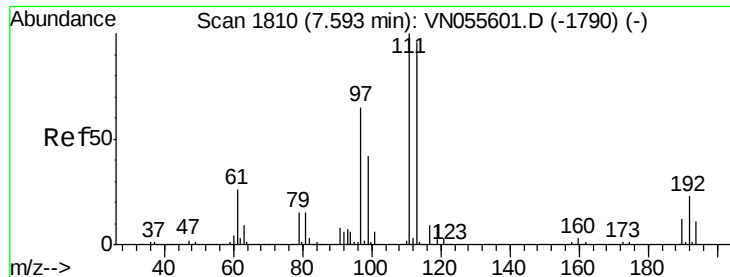
Tot Ion: 65 Resp: 169808
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

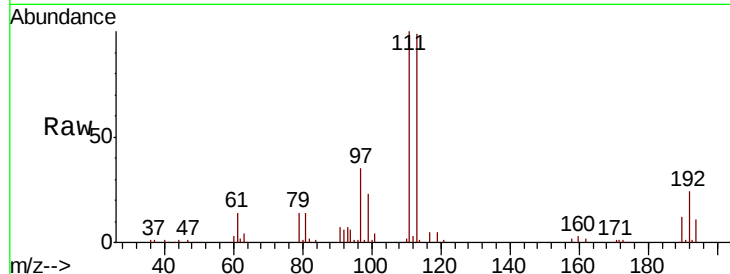
Tgt Ion: 114 Resp: 504673
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.2
 88 15.3 0.0 31.0



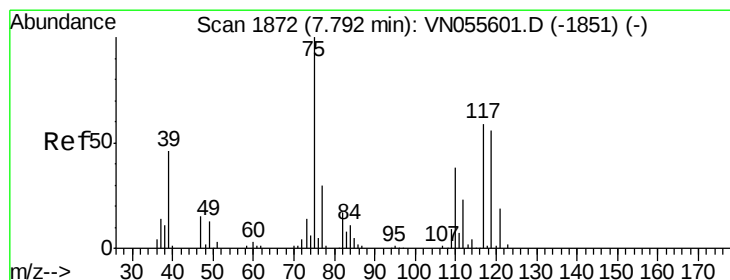
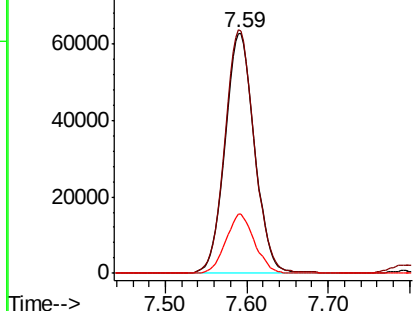
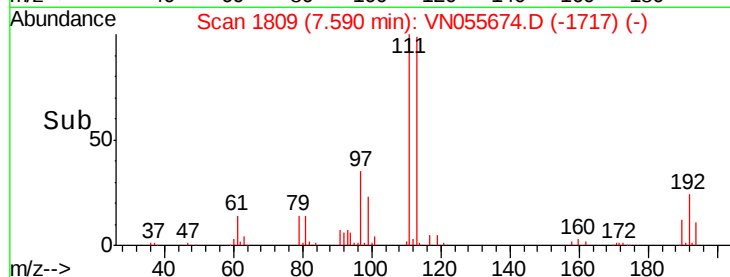


#35
 Dibromofluoromethane
 Concen: 49.672 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.5	123.7
192	24.0	18.7	28.1

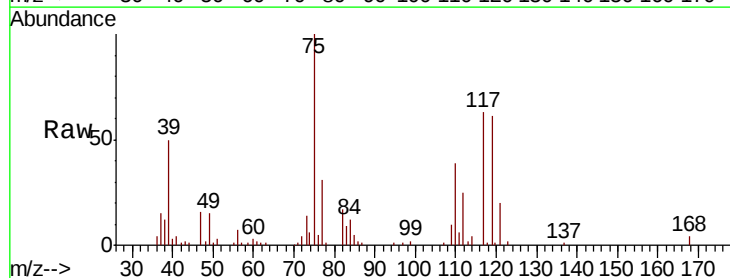


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

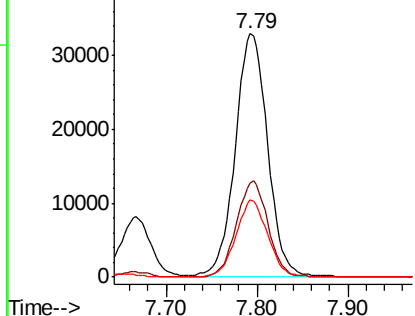
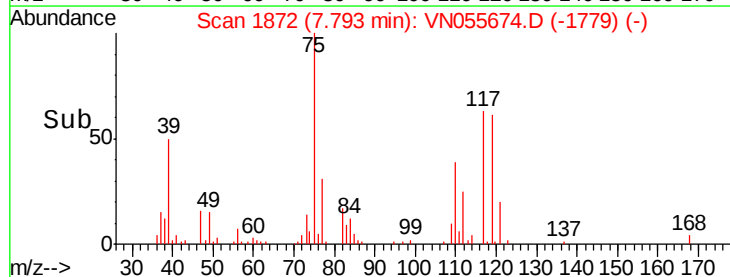


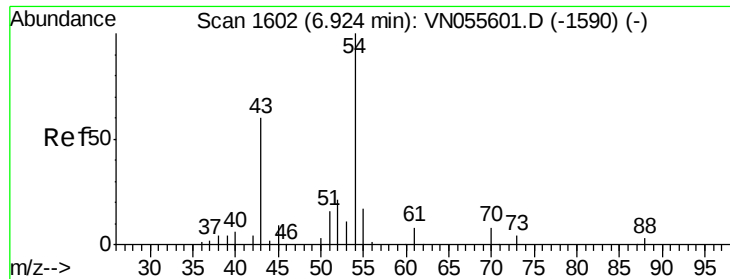
#36
 1,1-Dichloropropene
 Concen: 18.198 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.2	18.6	55.6
77	30.7	24.9	37.3



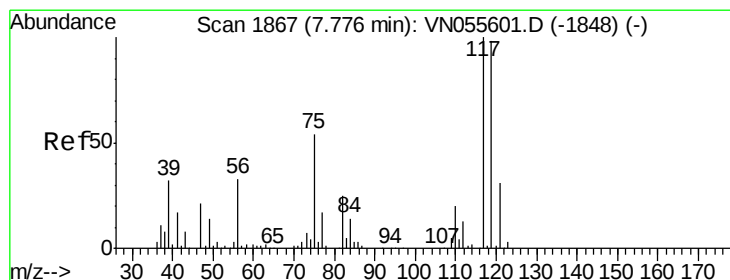
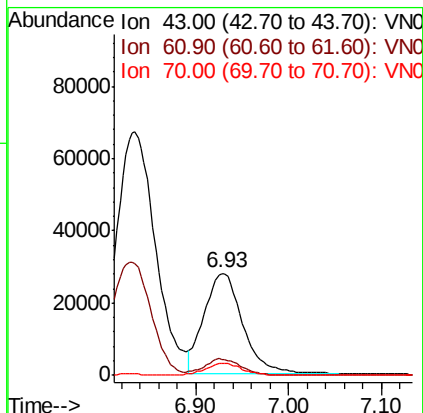
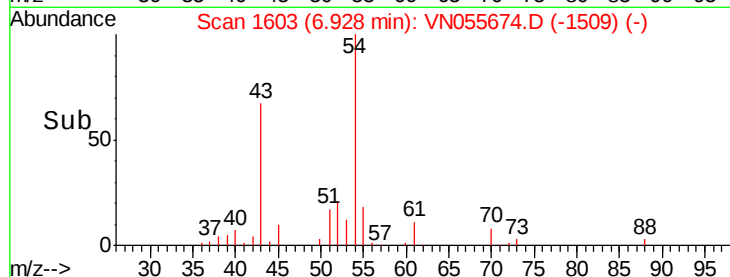
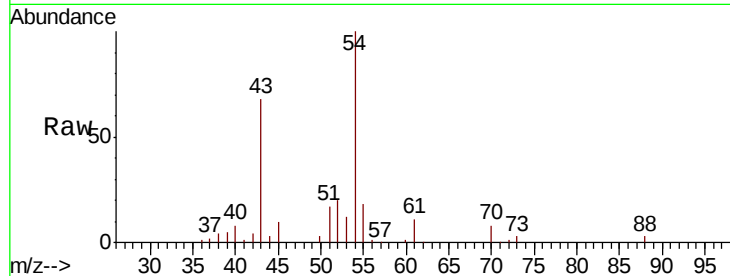
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





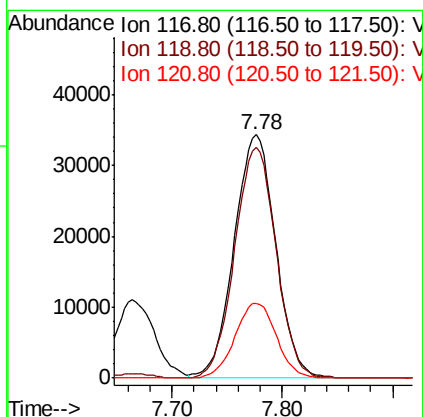
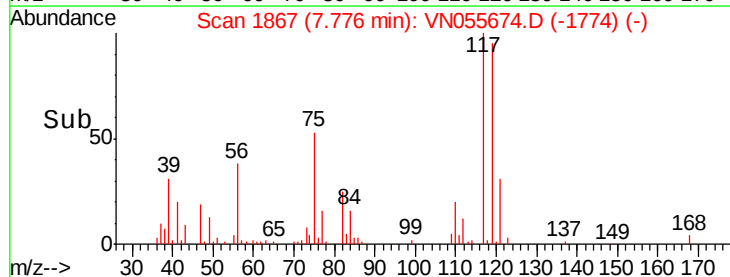
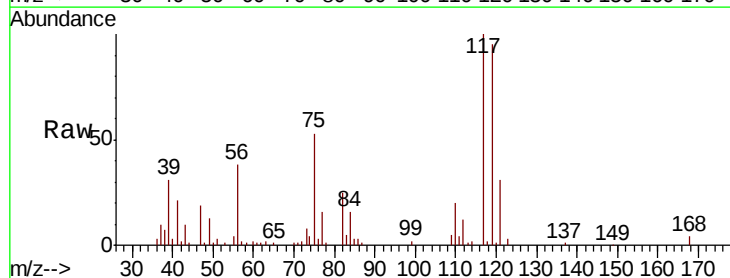
#37
Ethyl Acetate
Concen: 20.032 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

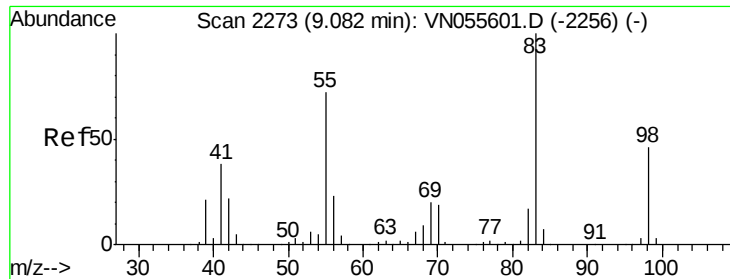
Tot Ion: 43 Resp: 81333
Ion Ratio Lower Upper
43 100
61 14.3 11.4 17.0
70 11.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 18.631 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion: 117 Resp: 89579
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.8
121 30.7 24.6 37.0





#39

Methvlcvclohexane

Concen: 17.744 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

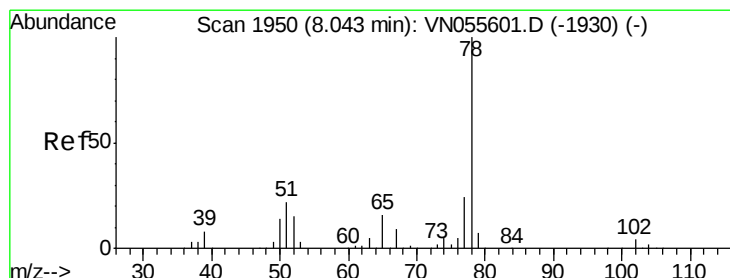
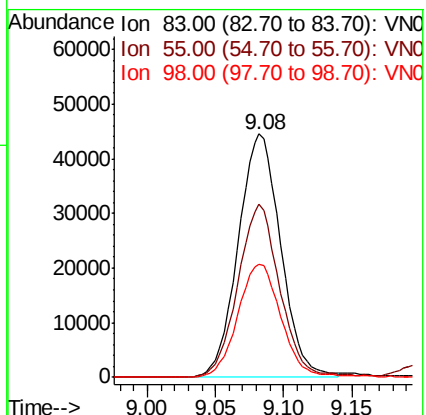
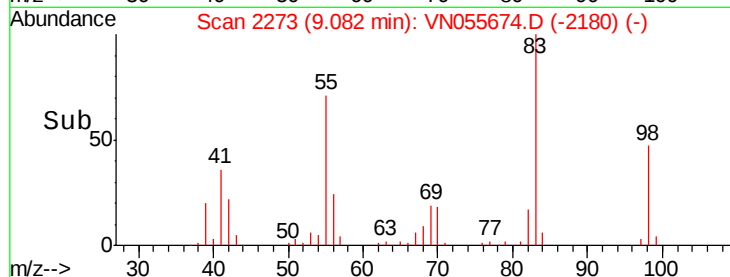
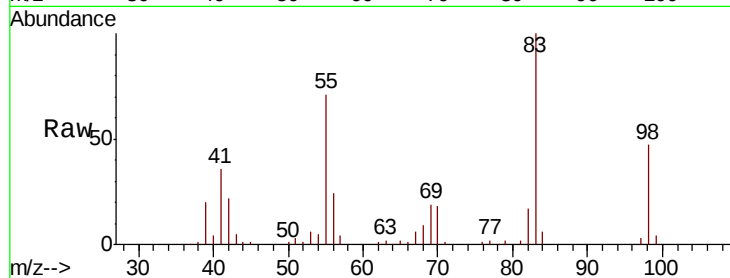
Tot Ion: 83 Resp: 96243

Ion Ratio Lower Upper

83 100

55 70.7 57.8 86.6

98 46.7 36.7 55.1



#40

Benzene

Concen: 19.270 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN055674.D

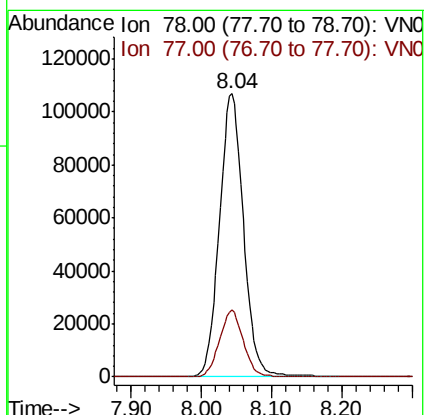
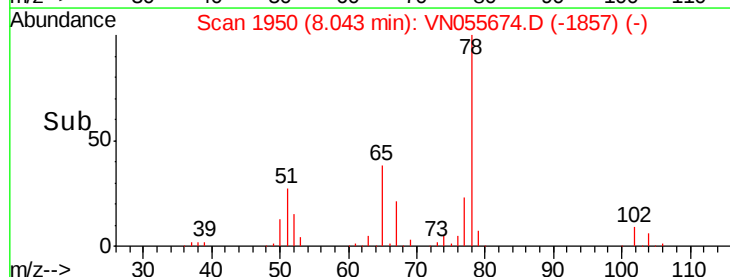
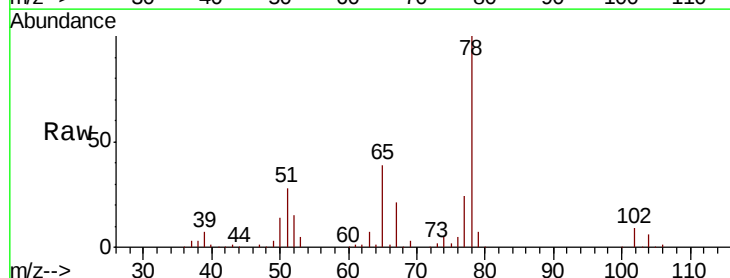
Acq: 20 May 2019 15:15

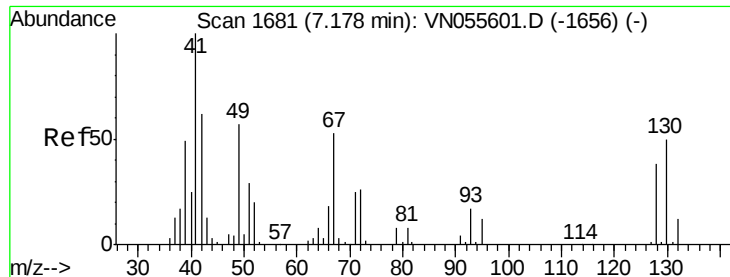
Tgt Ion: 78 Resp: 255030

Ion Ratio Lower Upper

78 100

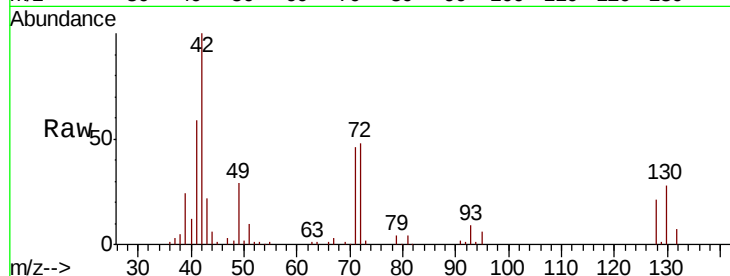
77 23.5 18.9 28.3



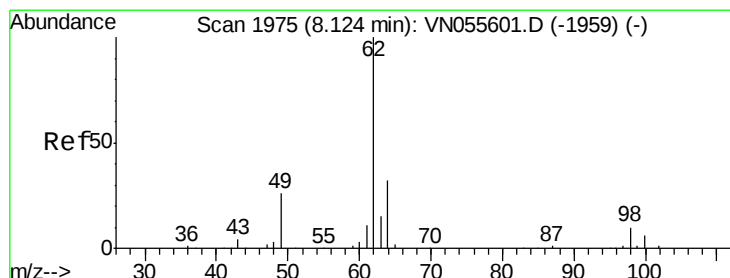
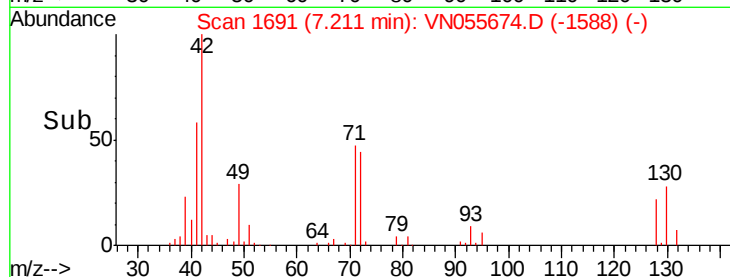
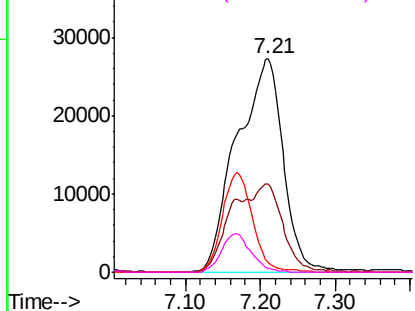


#41
Methacrylonitrile
Concen: 67.533 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.03 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion:	41	Resp:	117230
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

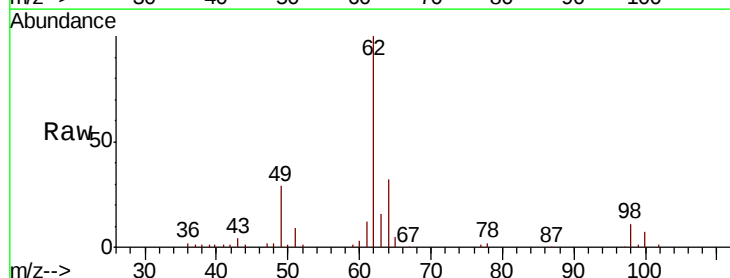


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

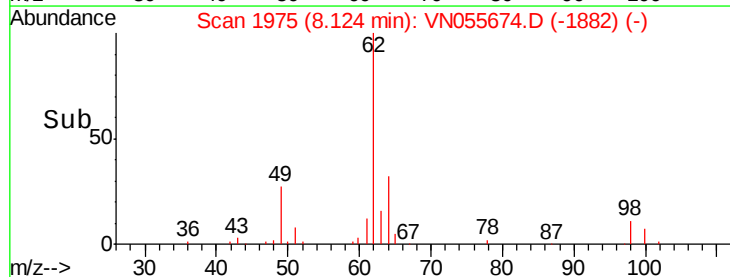
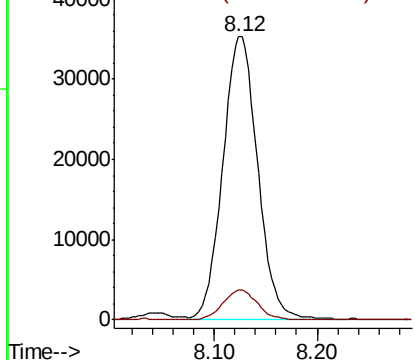


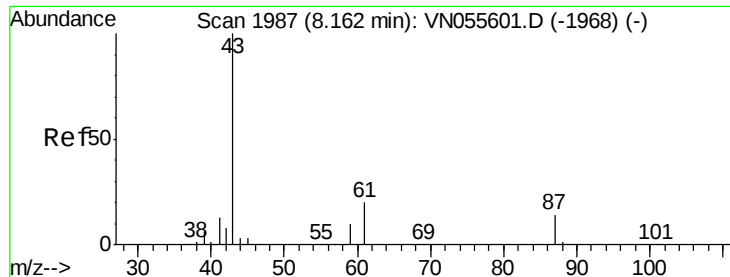
#42
1,2-Dichloroethane
Concen: 19.462 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion:	62	Resp:	83403
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 21.261 ug/l

RT: 8.16 min Scan# 1987

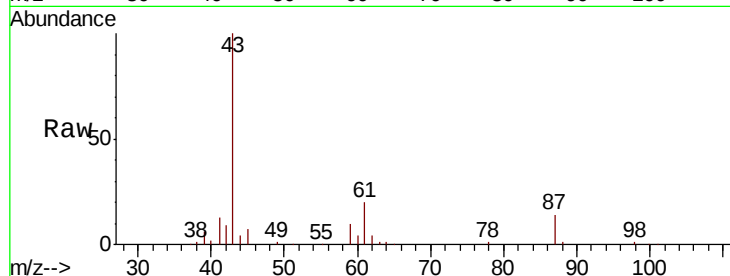
Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

Tot Ion: 43 Resp: 150157

Ion	Ratio	Lower	Upper
43	100		
61	25.5	22.1	33.1
87	13.5	11.8	17.6

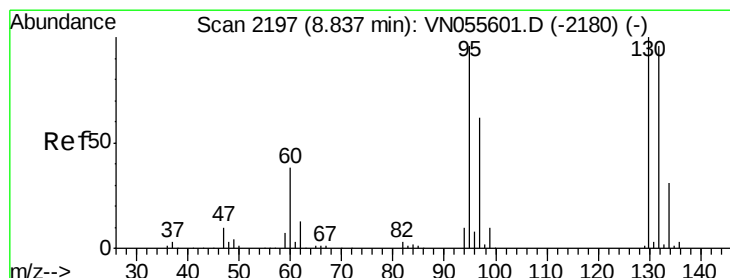
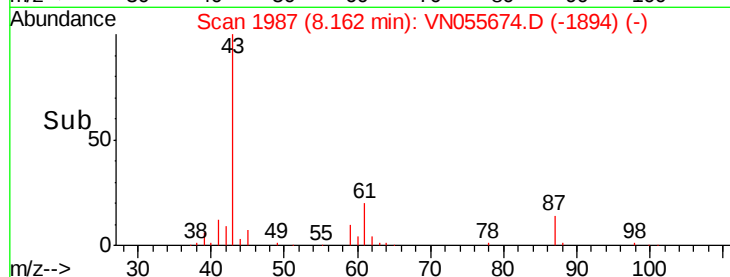
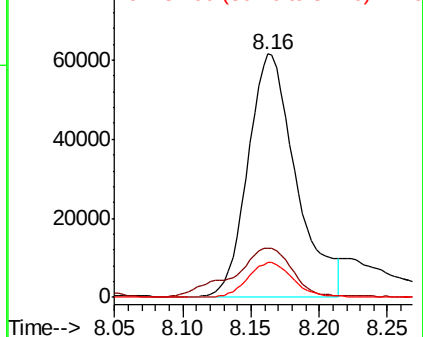


Abundance

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: 19.584 ug/l

RT: 8.84 min Scan# 2197

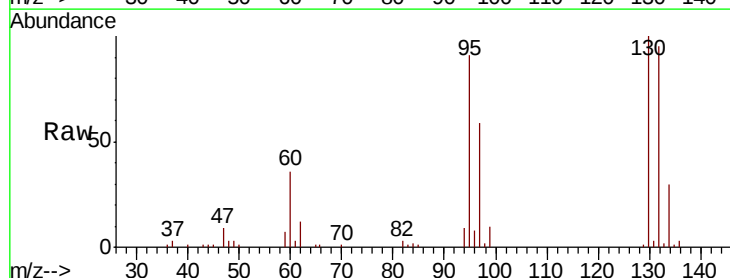
Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

Tgt Ion: 130 Resp: 73135

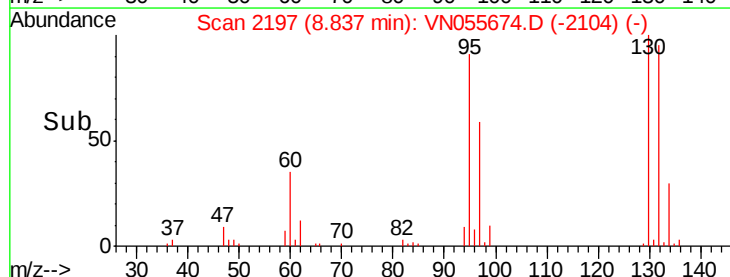
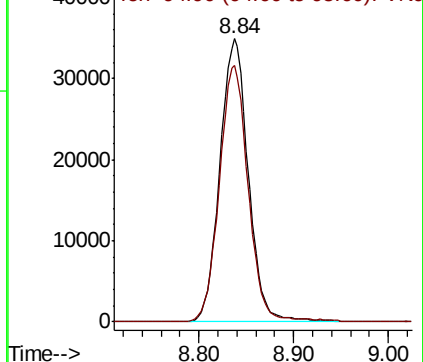
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	191.0

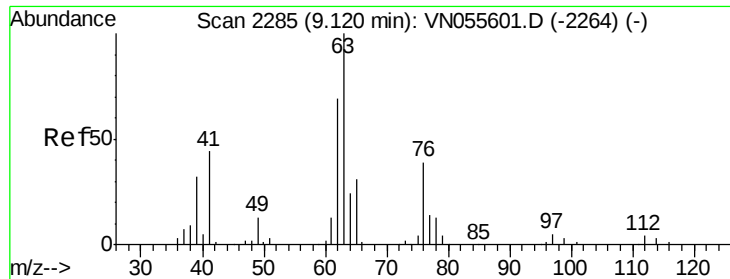


Abundance

Ion 129.80 (129.50 to 130.50): VN0

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.044 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055674.D

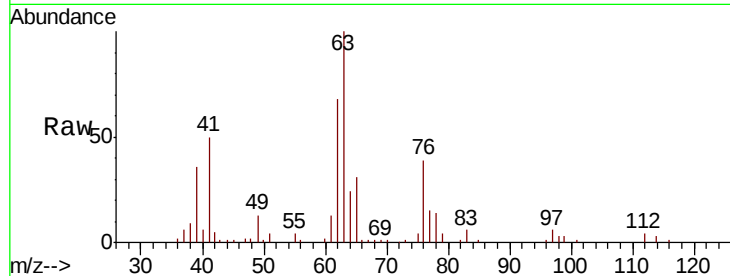
Acq: 20 May 2019 15:15

Tot Ion: 63 Resp: 66396

Ion Ratio Lower Upper

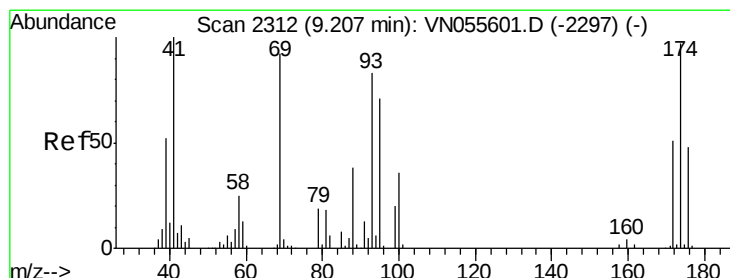
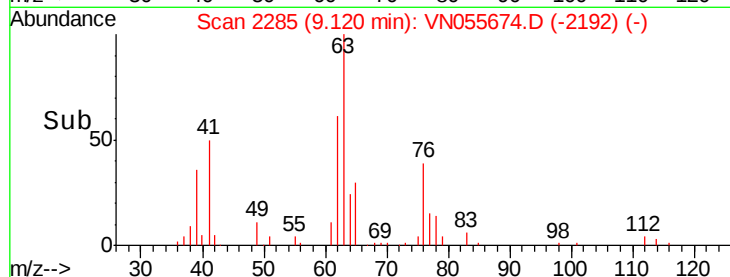
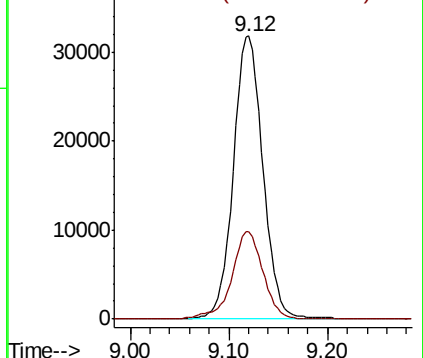
63 100

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: 19.508 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

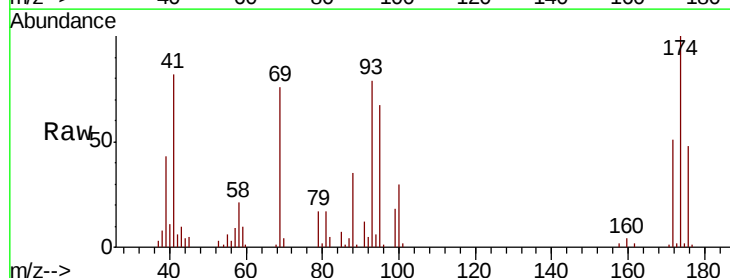
Tgt Ion: 93 Resp: 44516

Ion Ratio Lower Upper

93 100

95 83.4 67.9 101.9

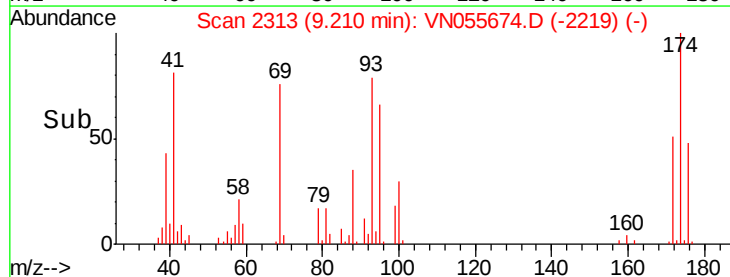
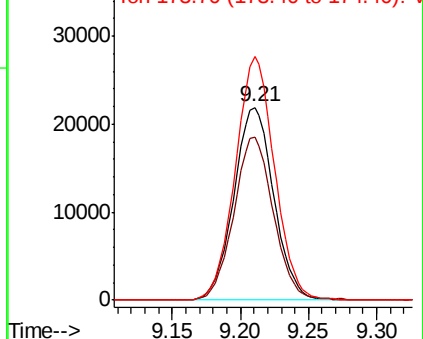
174 124.0 93.8 140.6

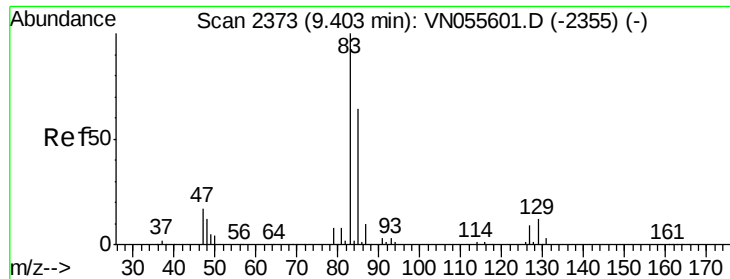


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.703 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

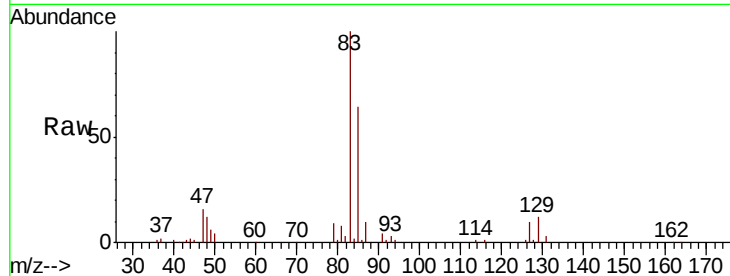
Tot Ion: 83 Resp: 89447

Ion Ratio Lower Upper

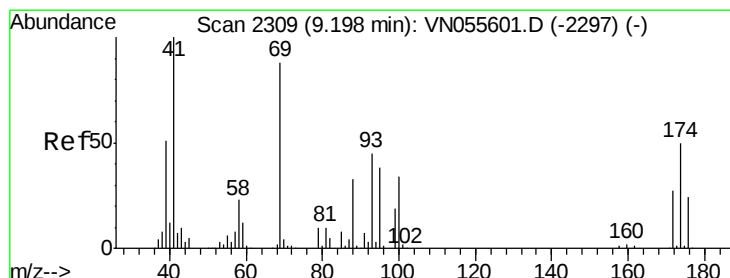
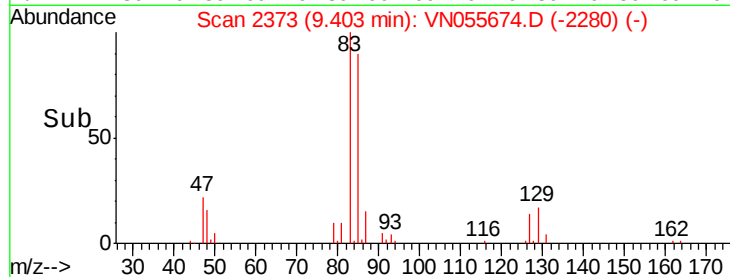
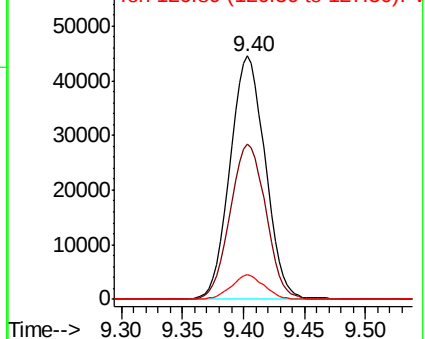
83 100

85 63.6 51.4 77.0

127 10.0 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: 18.945 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

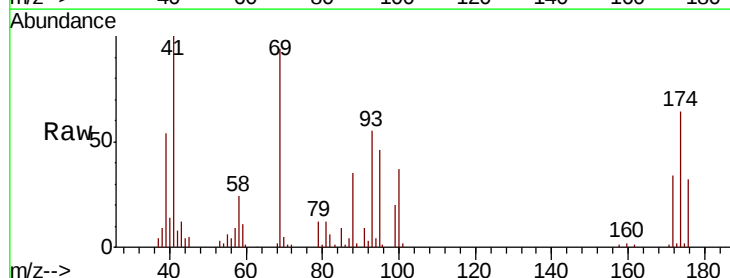
Tgt Ion: 41 Resp: 59806

Ion Ratio Lower Upper

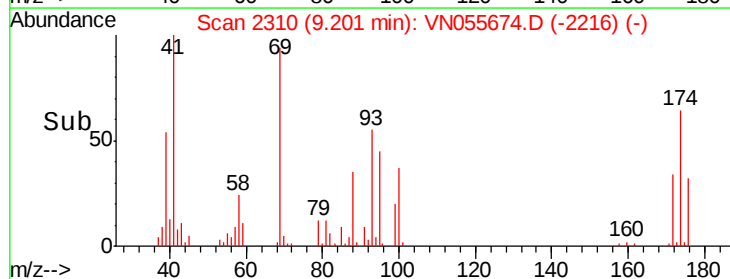
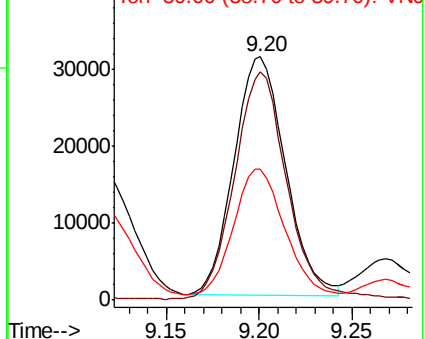
41 100

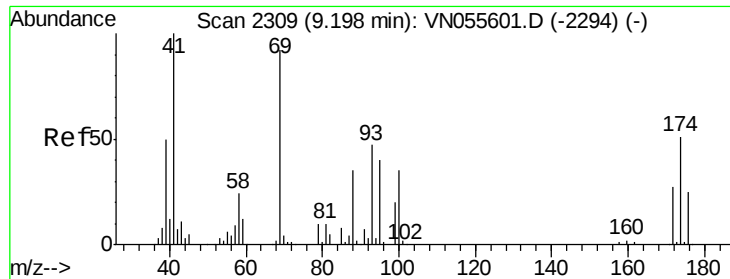
69 99.0 74.2 111.2

39 57.0 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: 454.486 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

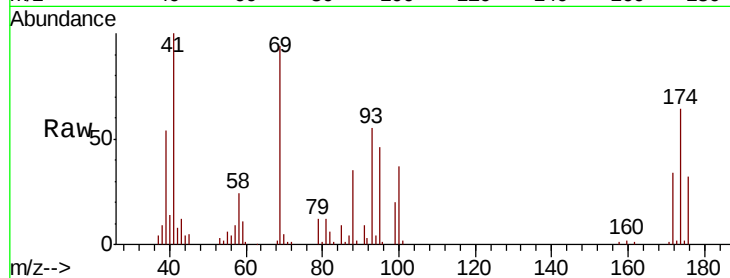
Tot Ion: 88 Resp: 28509

Ion Ratio Lower Upper

88 100

43 23.1 22.4 33.6

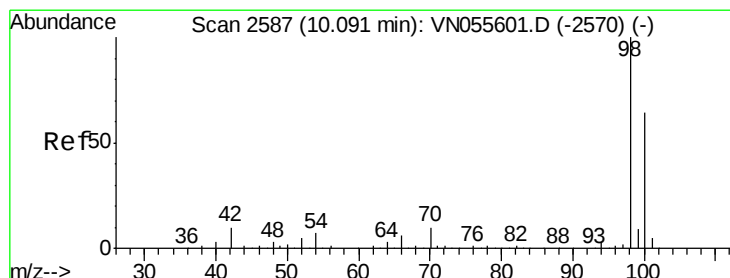
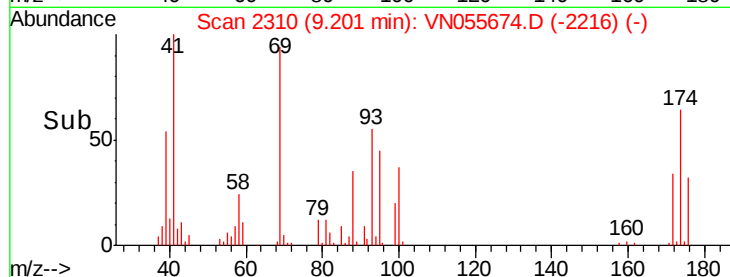
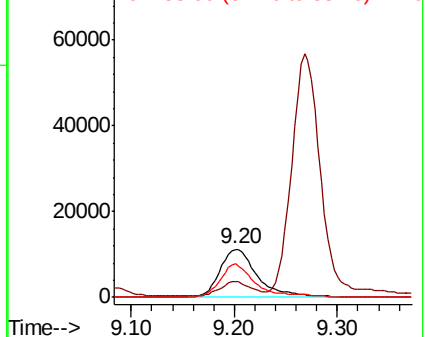
58 62.3 53.4 80.2



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: 47.889 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055674.D

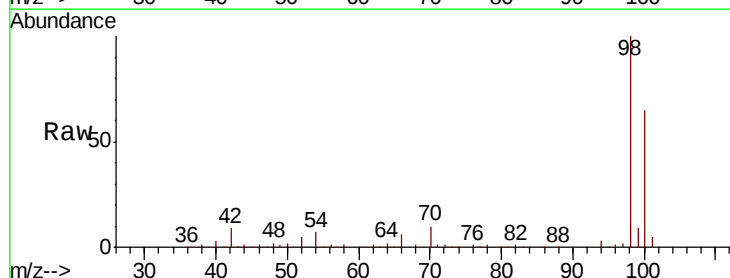
Acq: 20 May 2019 15:15

Tgt Ion: 98 Resp: 580509

Ion Ratio Lower Upper

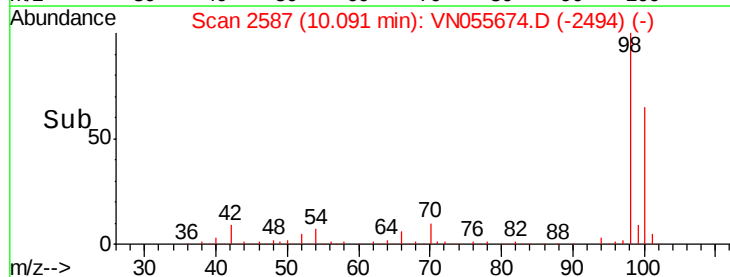
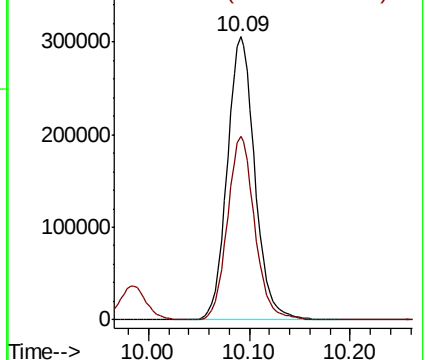
98 100

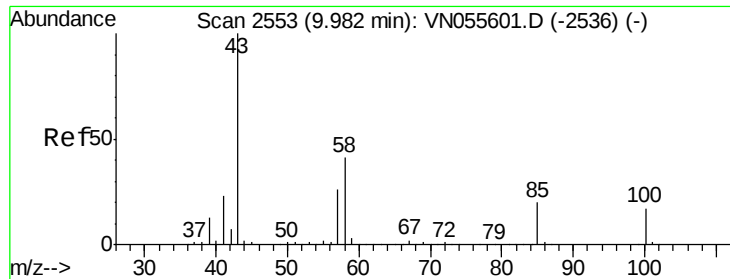
100 64.4 51.9 77.9



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: 95.724 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055674.D

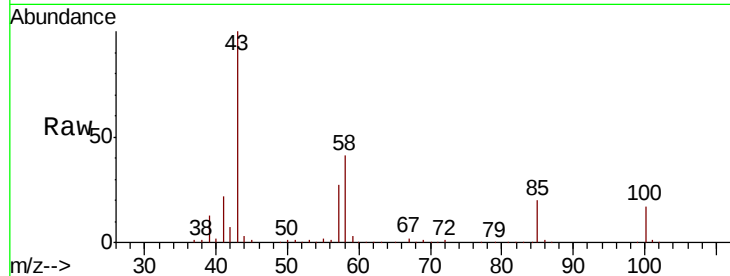
Acq: 20 May 2019 15:15

Tot Ion: 43 Resp: 396574

Ion Ratio Lower Upper

43 100

58 41.6 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

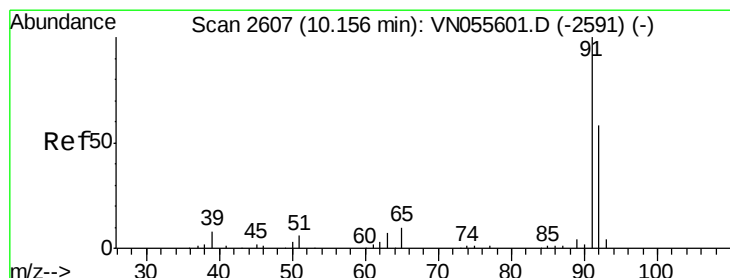
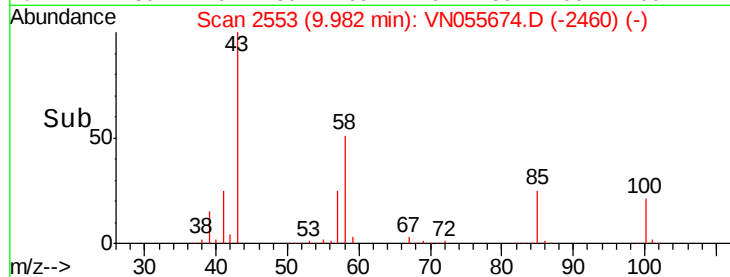
0

9.90

10.00

10.10

Time-->



#52

Toluene

Concen: 19.117 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055674.D

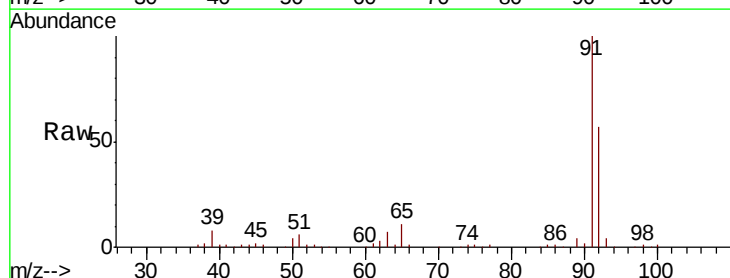
Acq: 20 May 2019 15:15

Tgt Ion: 92 Resp: 158682

Ion Ratio Lower Upper

92 100

91 174.1 138.9 208.3



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

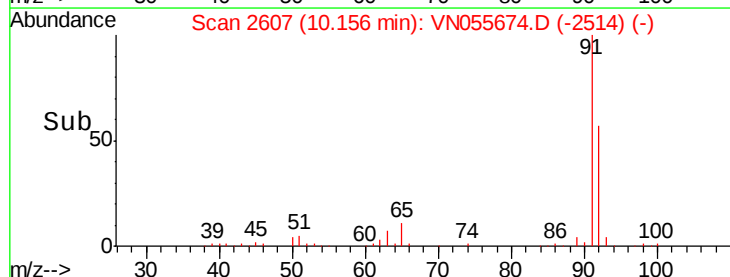
50000

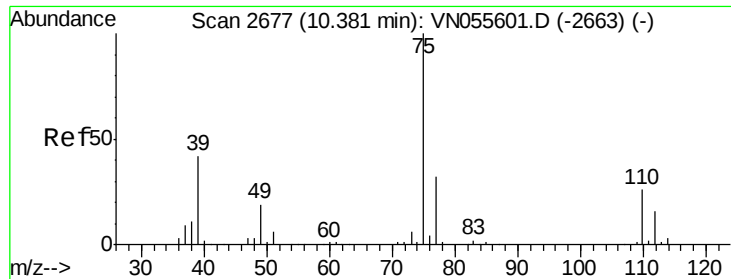
0

10.10

10.20

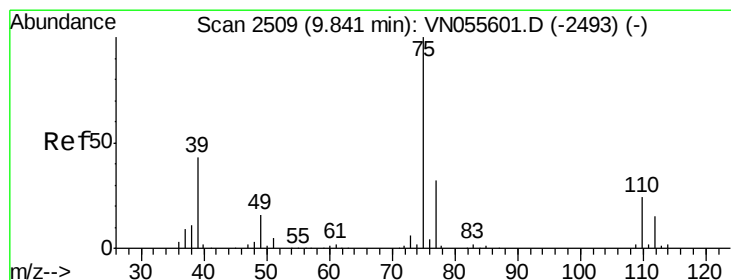
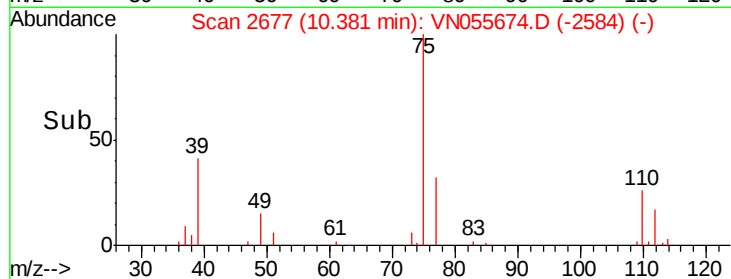
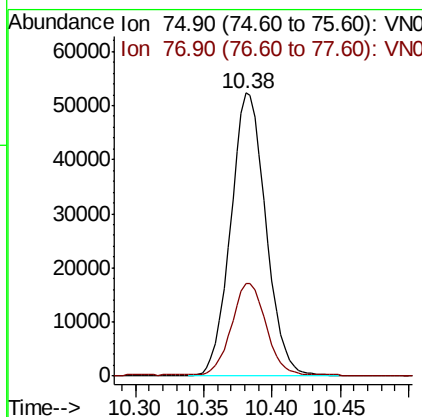
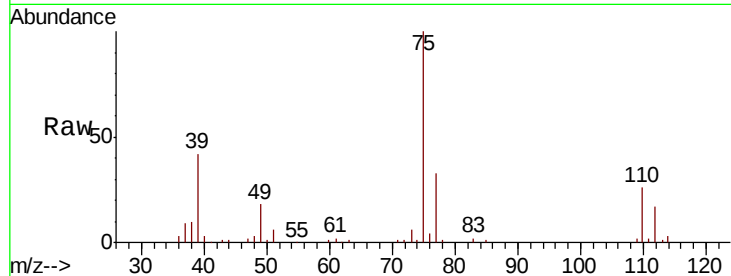
Time-->





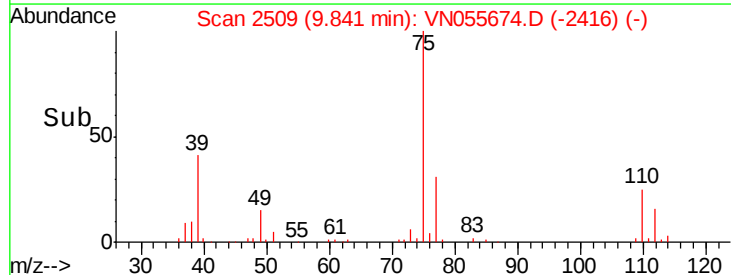
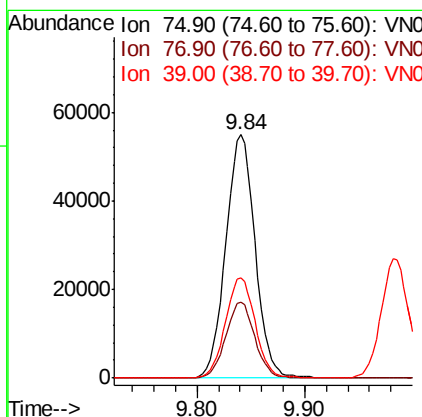
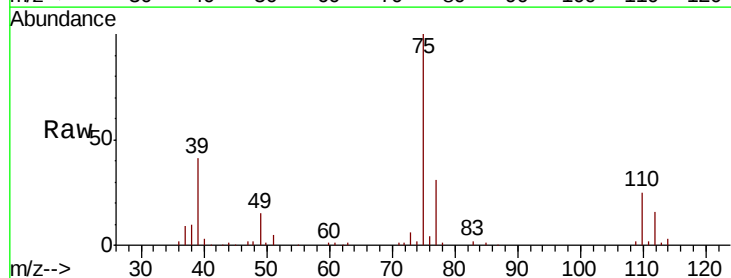
#53
 t-1,3-Dichloropropene
 Concen: 18.179 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

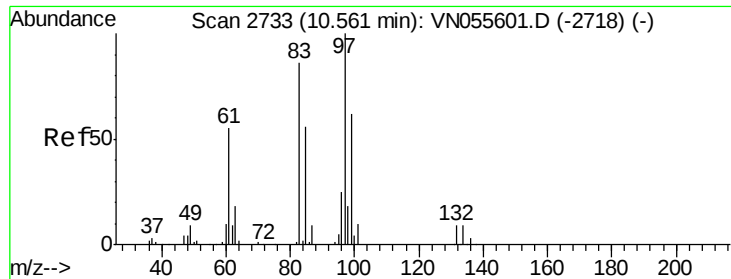
Tot Ion: 75 Resp: 93575
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.495 ug/l
 RT: 9.84 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tgt Ion: 75 Resp: 104291
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.7 38.5
 39 41.3 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 19.128 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

Tot Ion: 97 Resp: 65366

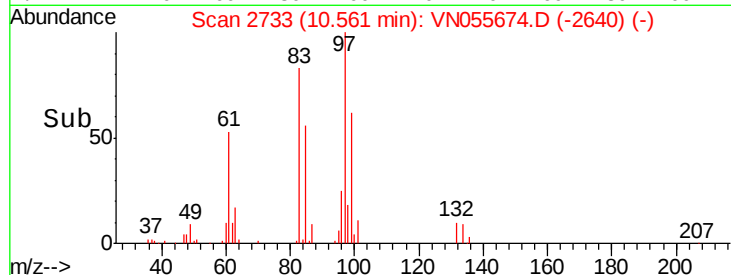
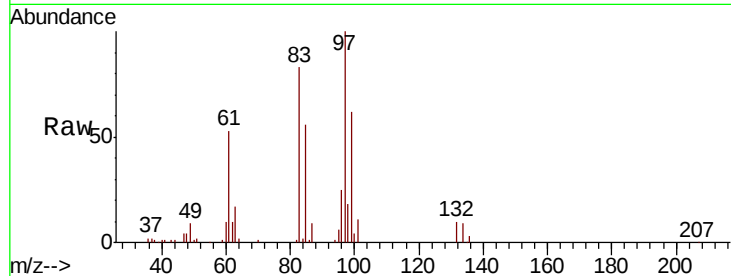
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.4	102.6
85	56.1	44.8	67.2
99	62.1	49.9	74.9

97 100

83 83.4 68.4 102.6

85 56.1 44.8 67.2

99 62.1 49.9 74.9



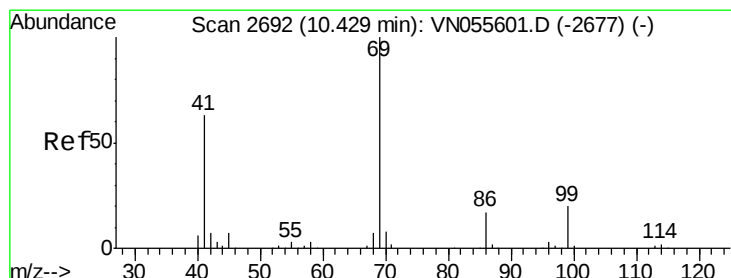
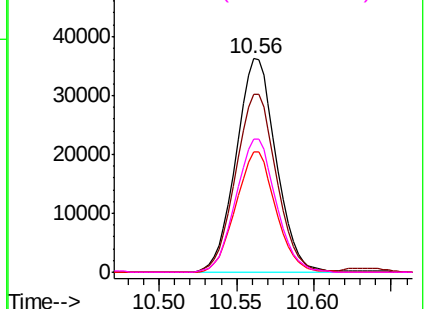
Abundance

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: 18.408 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

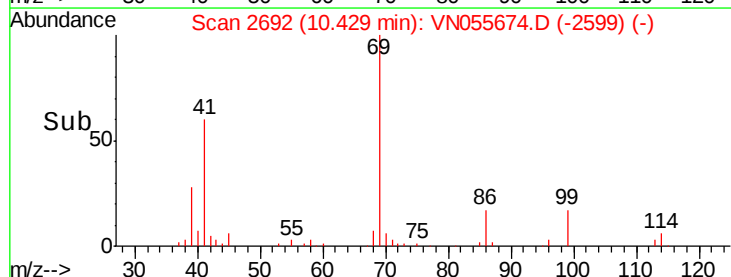
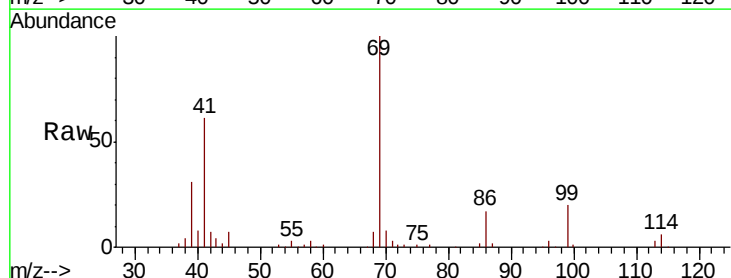
Tgt Ion: 69 Resp: 98199

Ion	Ratio	Lower	Upper
69	100		
41	60.7	50.3	75.5
39	30.1	25.4	38.2

69 100

41 60.7 50.3 75.5

39 30.1 25.4 38.2

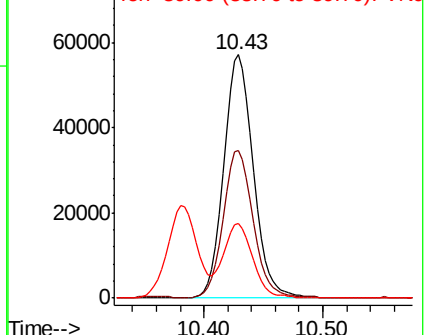


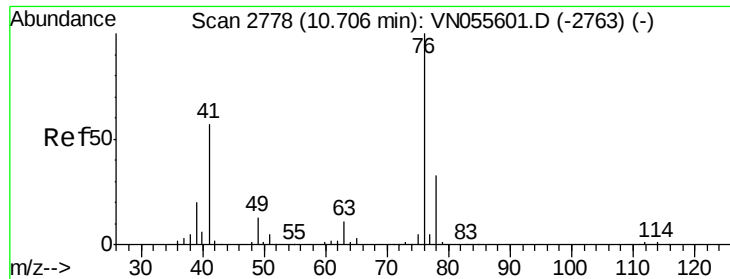
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

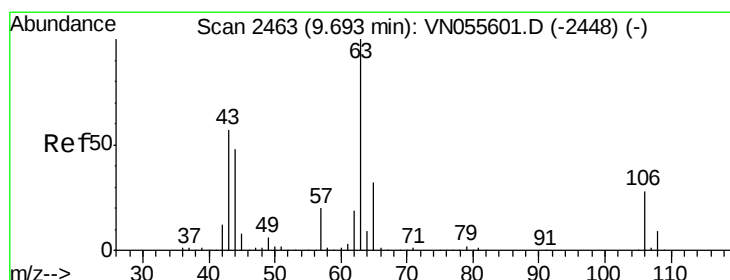
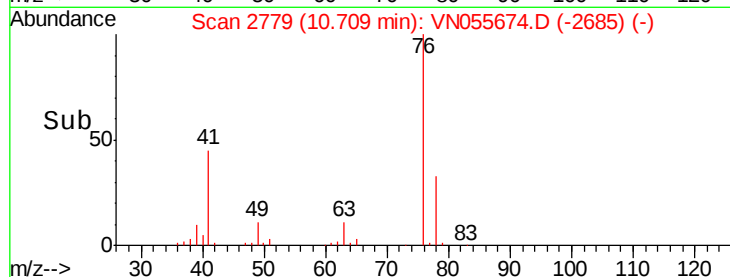
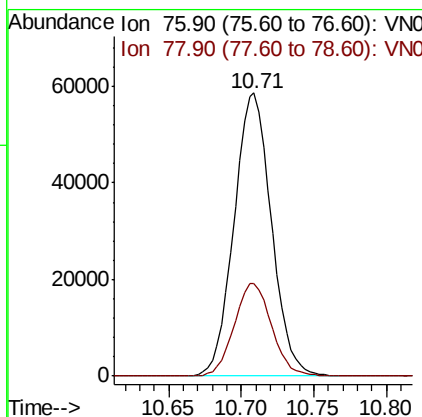
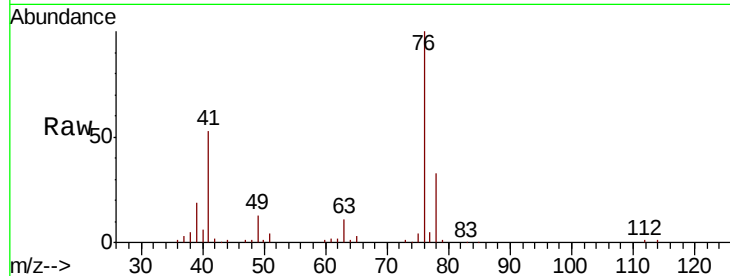
Ion 39.00 (38.70 to 39.70): VNO





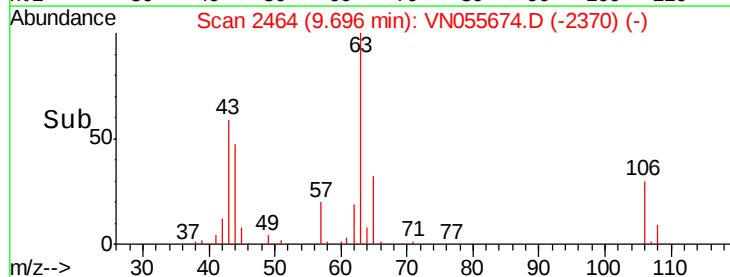
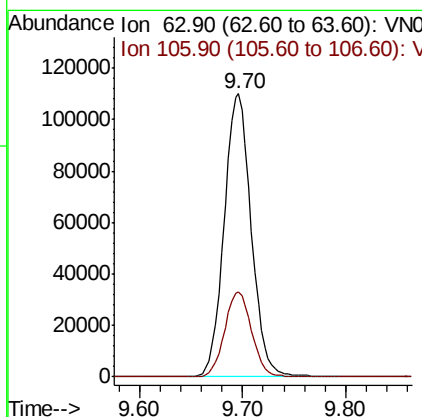
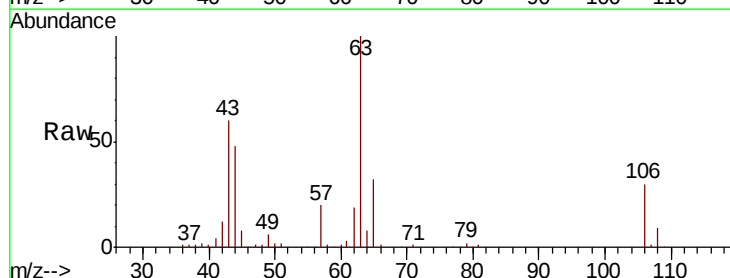
#57
 1,3-Dichloropropane
 Concen: 19.401 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

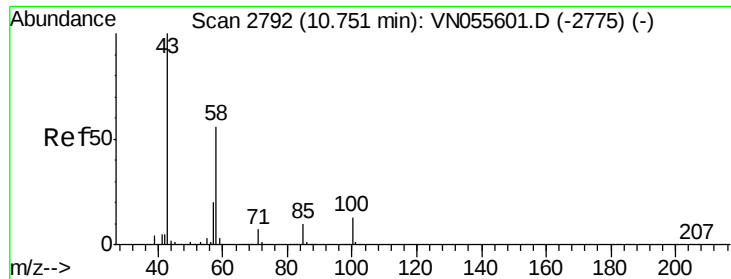
Tot Ion: 76 Resp: 105005
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.840 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

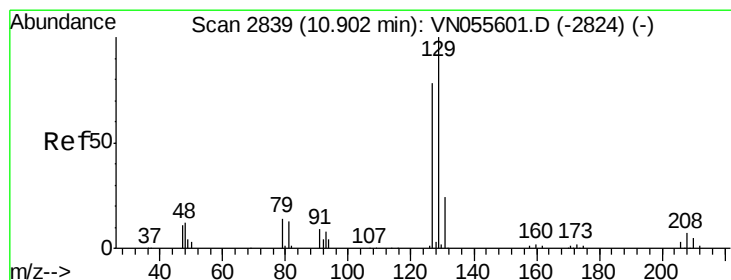
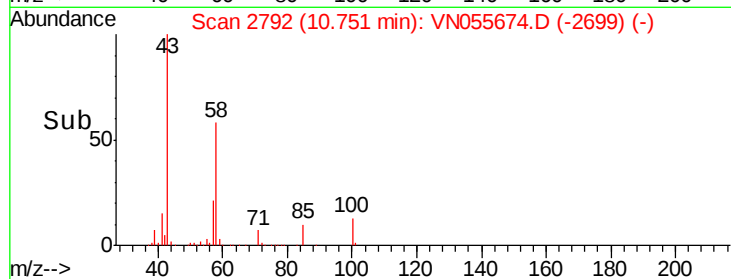
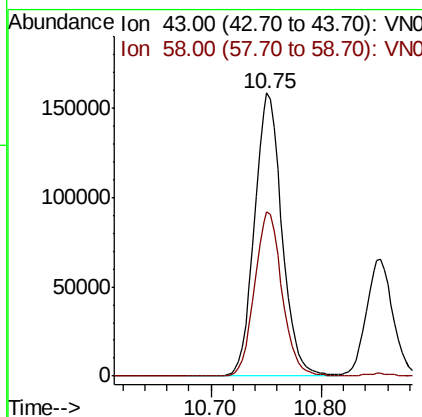
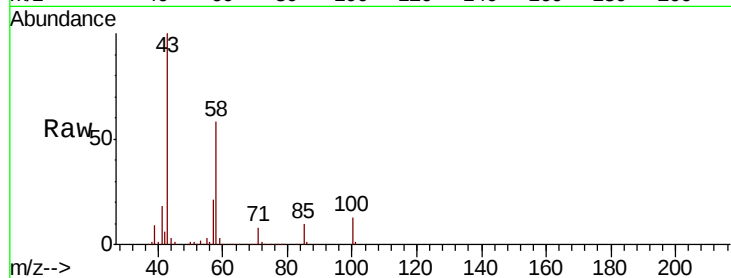
Tgt Ion: 63 Resp: 201368
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.0 34.6





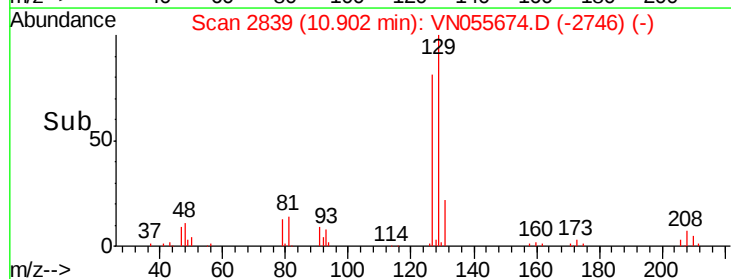
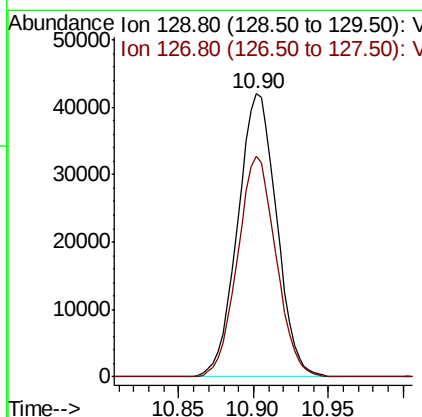
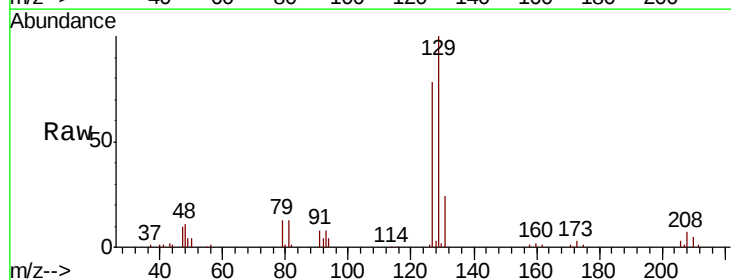
#59
2-Hexanone
Concen: 93.240 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

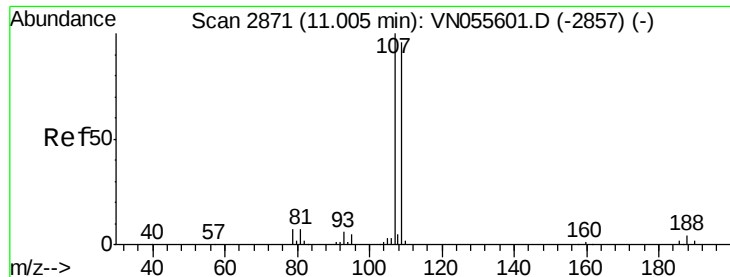
Tot Ion: 43 Resp: 271961
Ion Ratio Lower Upper
43 100
58 57.9 28.1 84.4



#60
Dibromochloromethane
Concen: 19.651 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion: 129 Resp: 76108
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.973 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055674.D

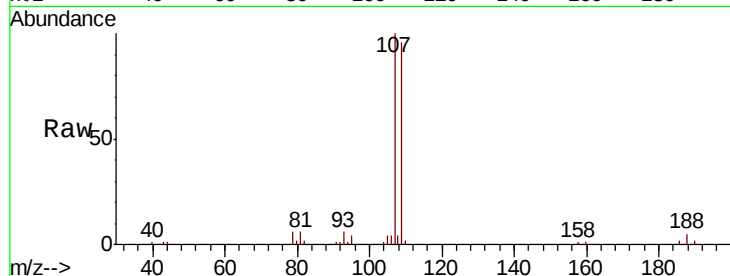
Acq: 20 May 2019 15:15

Tot Ion:107 Resp: 68292

Ion Ratio Lower Upper

107 100

109 94.3 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

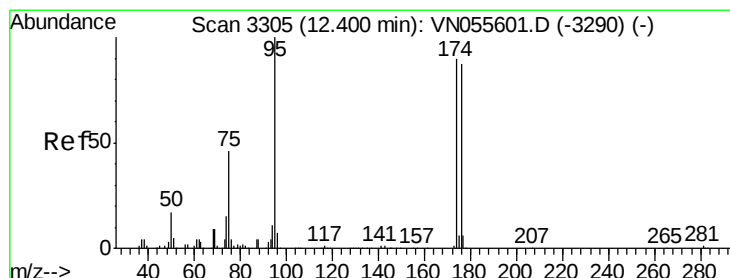
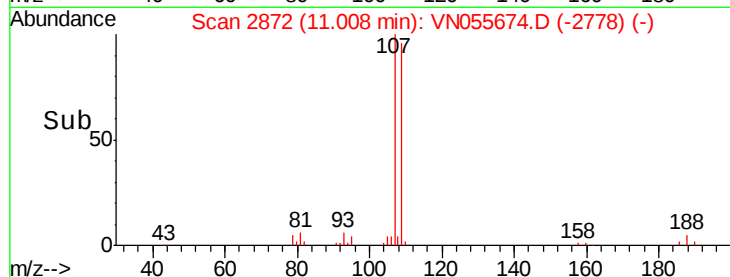
20000

10000

0

Time-->

10.95 11.00 11.05



#62

4-Bromofluorobenzene

Concen: 45.427 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

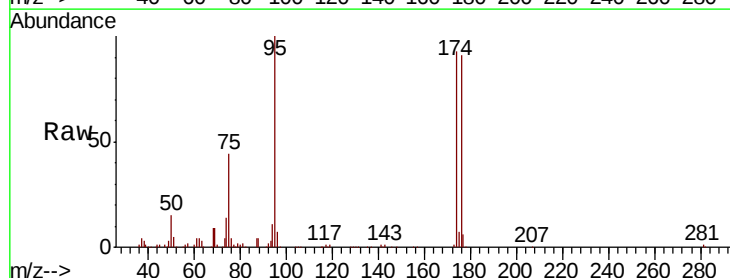
Tgt Ion: 95 Resp: 190154

Ion Ratio Lower Upper

95 100

174 94.9 0.0 180.6

176 91.7 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

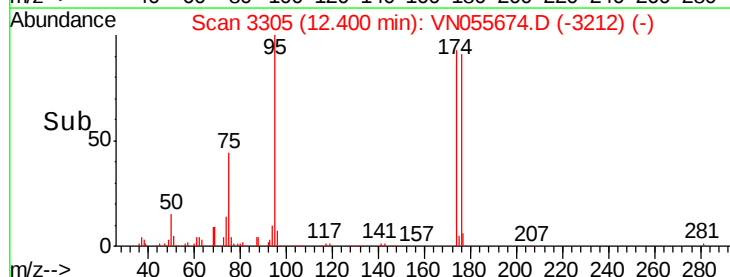
100000

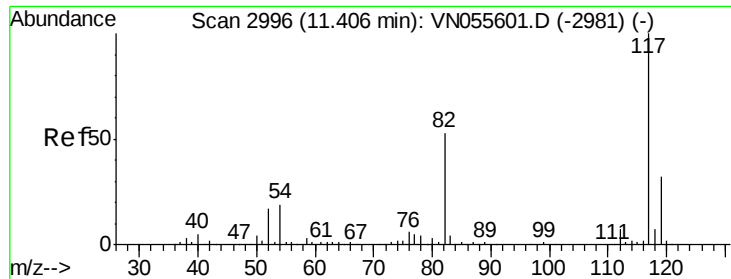
50000

0

Time-->

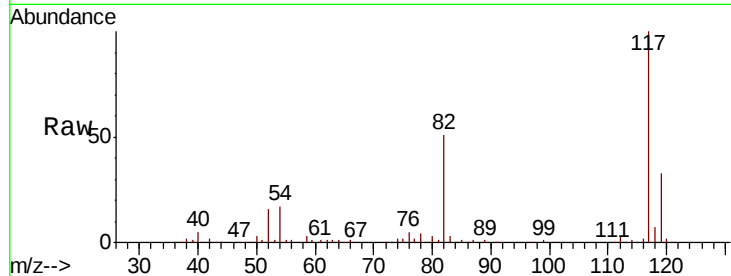
12.35 12.40 12.45



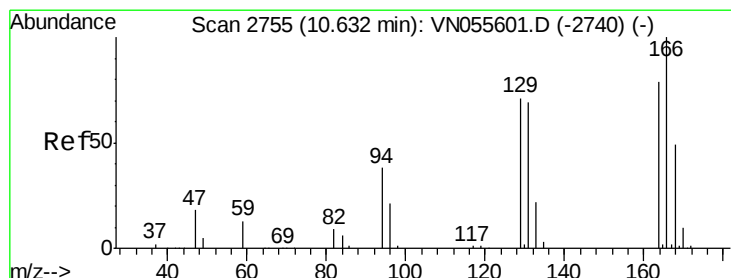
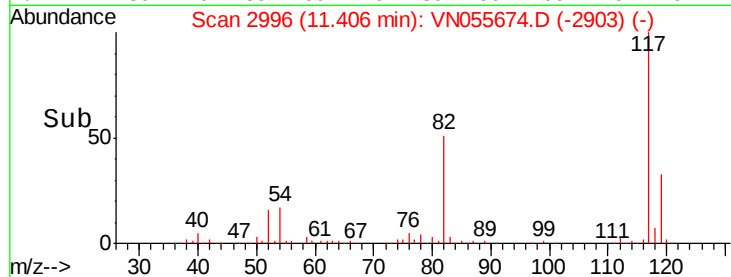
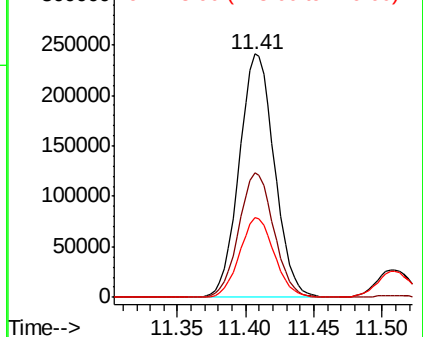


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion:117 Resp: 431376
Ion Ratio Lower Upper
117 100
82 51.1 42.3 63.5
119 32.6 25.4 38.2

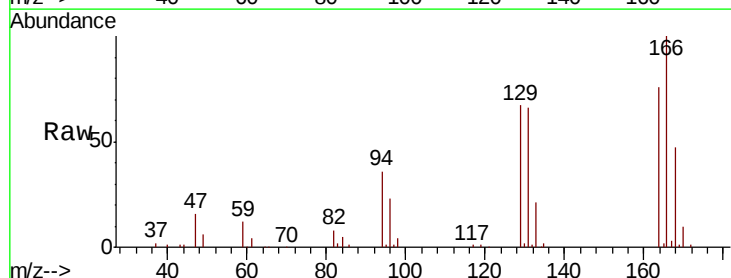


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

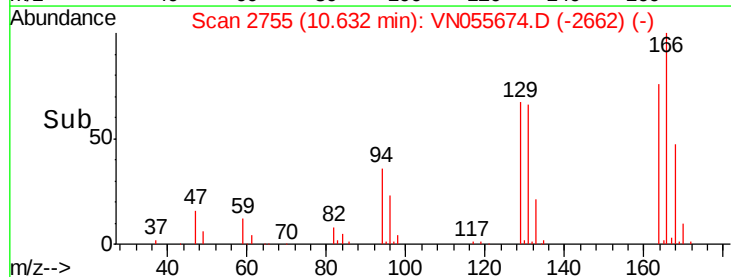
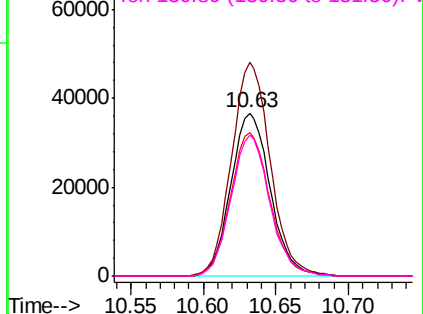


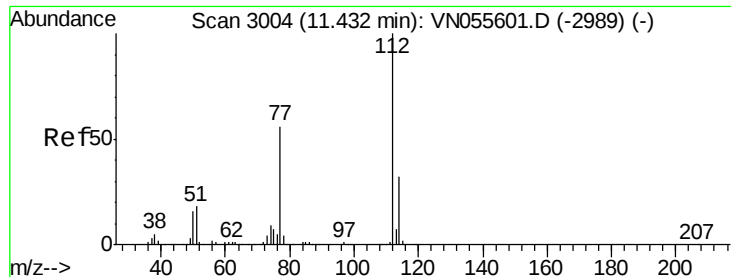
#64
Tetrachloroethene
Concen: 20.347 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion:164 Resp: 69230
Ion Ratio Lower Upper
164 100
166 130.9 101.0 151.6
129 87.8 71.7 107.5
131 86.4 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: 19.273 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055674.D

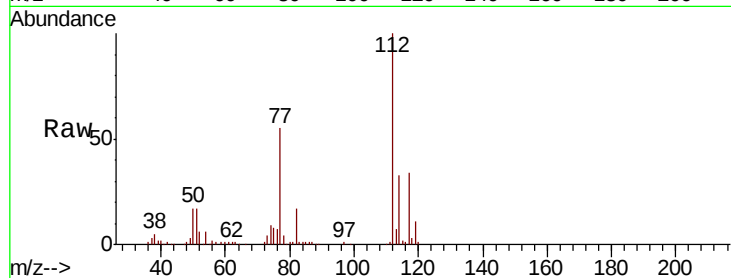
Acq: 20 May 2019 15:15

Tot Ion:112 Resp: 168158

Ion Ratio Lower Upper

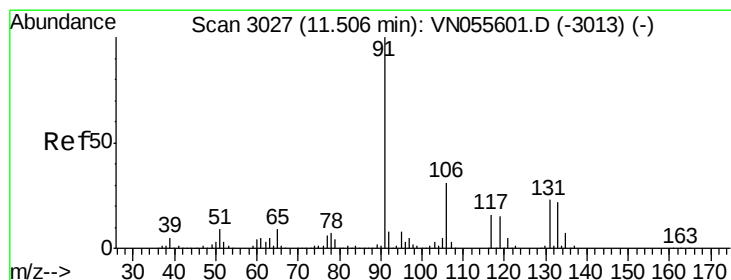
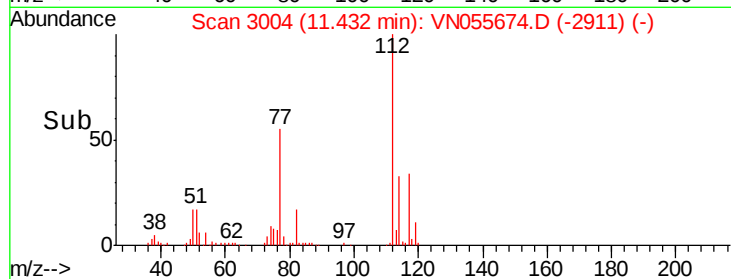
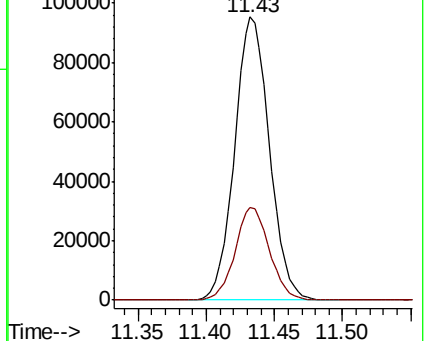
112 100

114 32.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.769 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

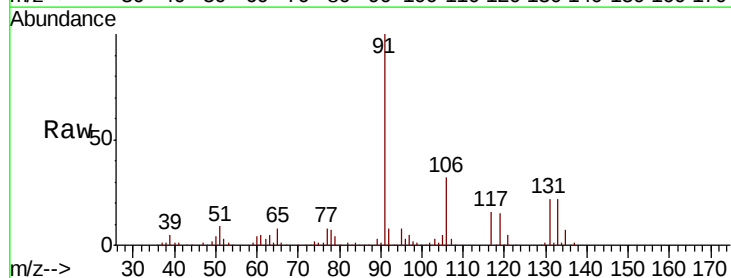
Tgt Ion:131 Resp: 69391

Ion Ratio Lower Upper

131 100

133 96.7 47.8 143.4

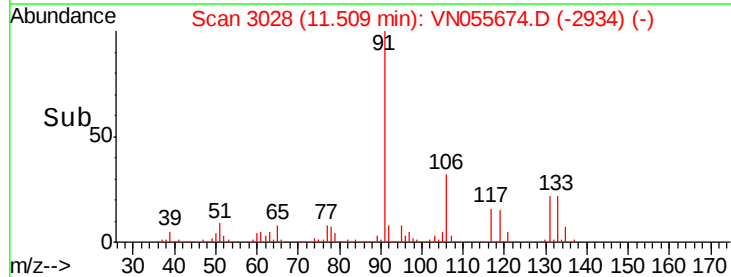
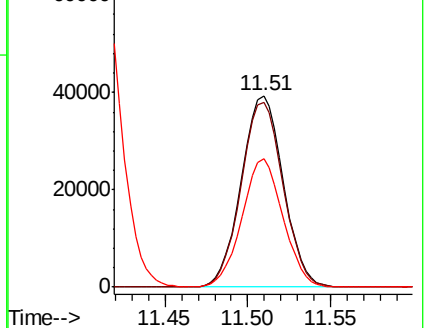
119 65.5 33.3 99.8

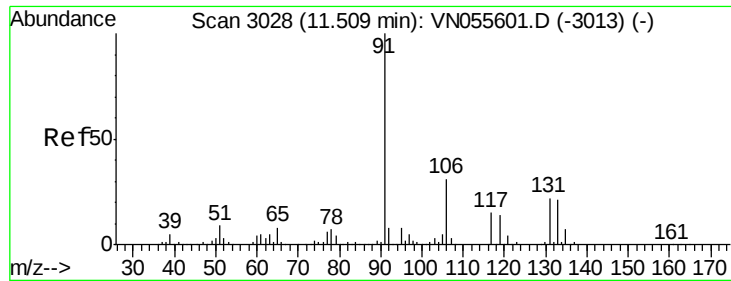


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

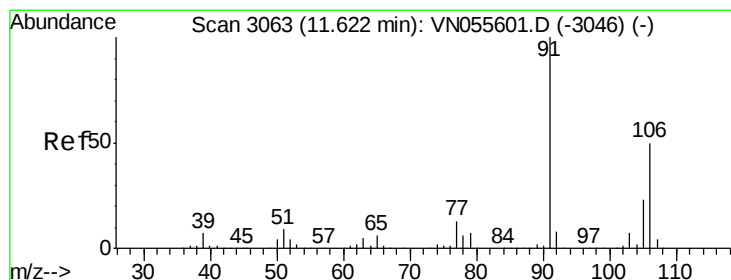
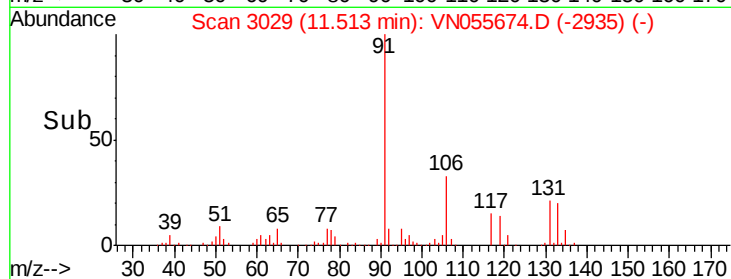
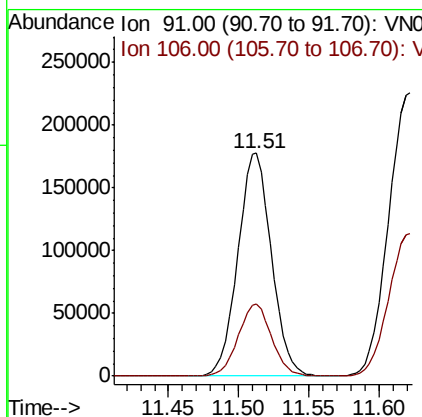
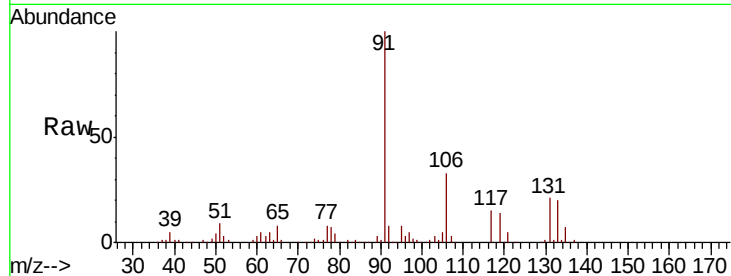
Ion 118.80 (118.50 to 119.50): V





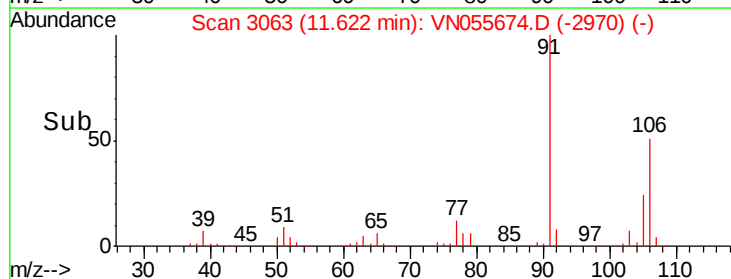
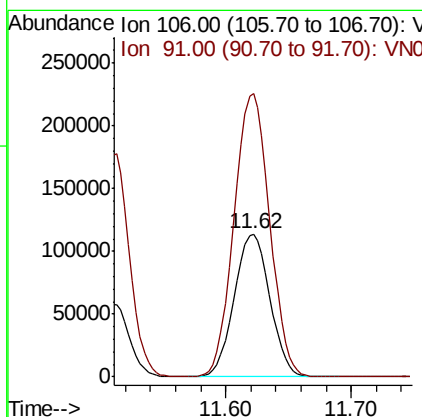
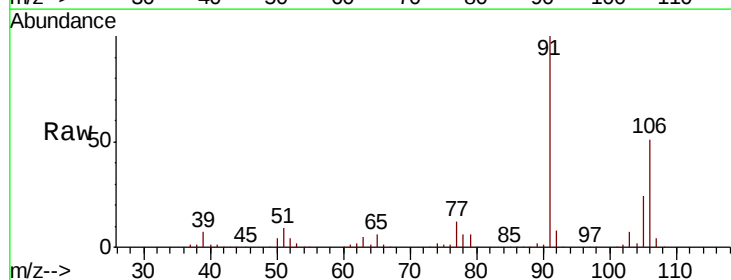
#67
Ethyl Benzene
Concen: 19.054 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

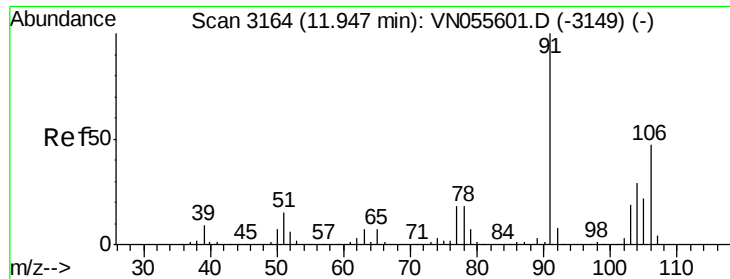
Tot Ion: 91 Resp: 296155
Ion Ratio Lower Upper
91 100
106 32.6 25.2 37.8



#68
m/p-Xylenes
Concen: 38.334 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

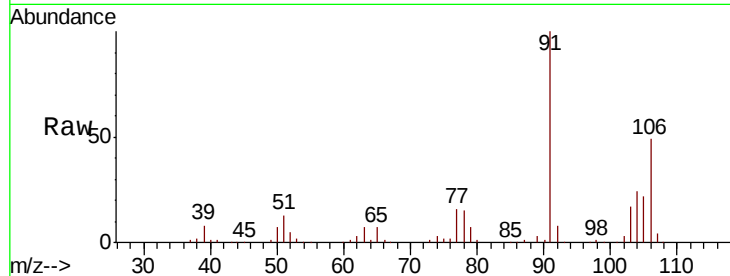
Tgt Ion: 106 Resp: 225007
Ion Ratio Lower Upper
106 100
91 198.0 160.5 240.7



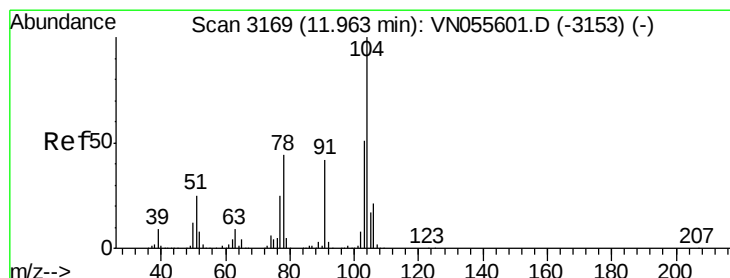
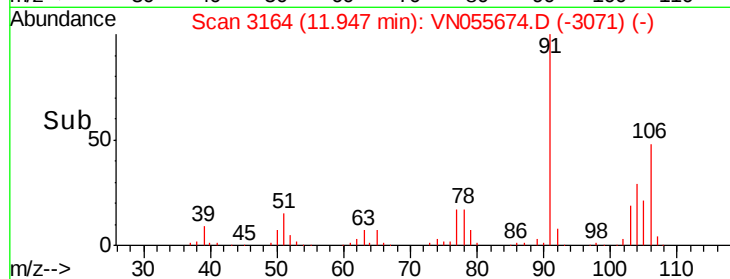
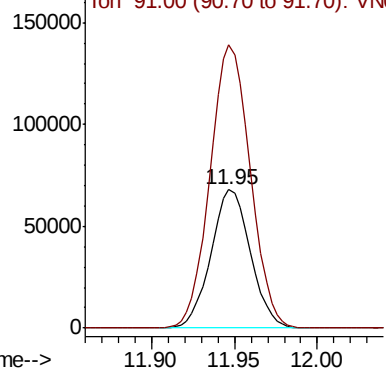


#69
o-Xylene
Concen: 19.594 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion:106 Resp: 112486
Ion Ratio Lower Upper
106 100
91 208.7 106.7 320.2

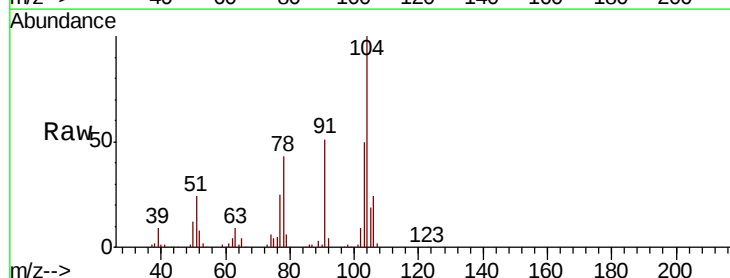


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

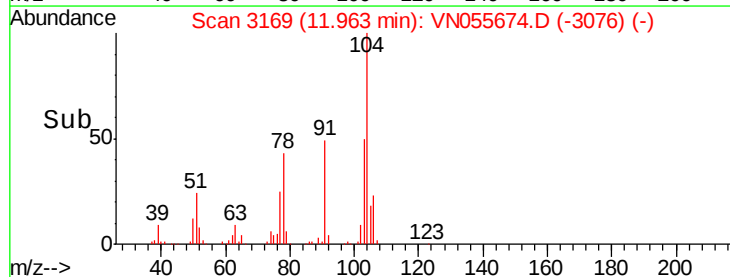
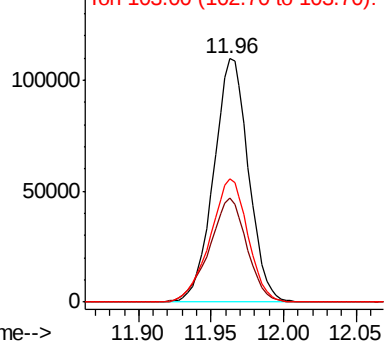


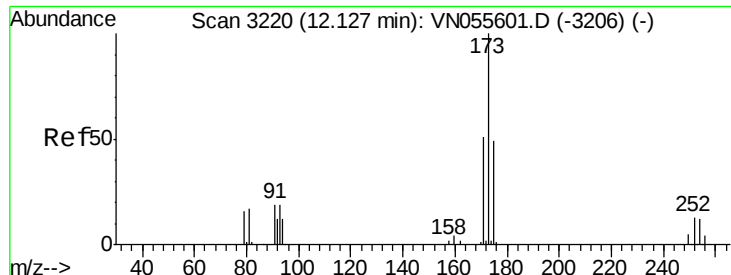
#70
Styrene
Concen: 19.249 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion:104 Resp: 183745
Ion Ratio Lower Upper
104 100
78 46.0 38.6 58.0
103 54.7 44.4 66.6



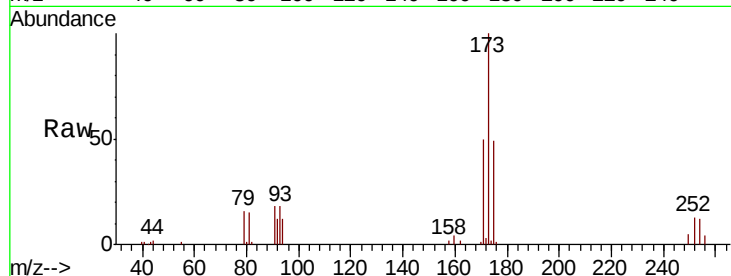
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



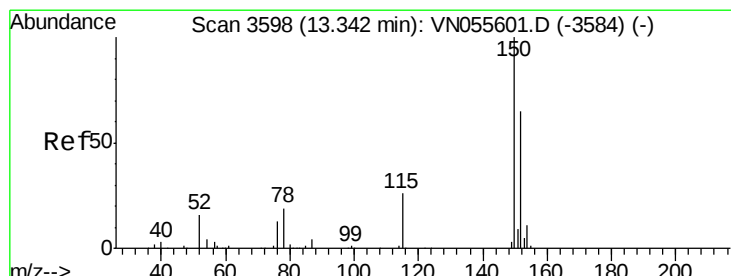
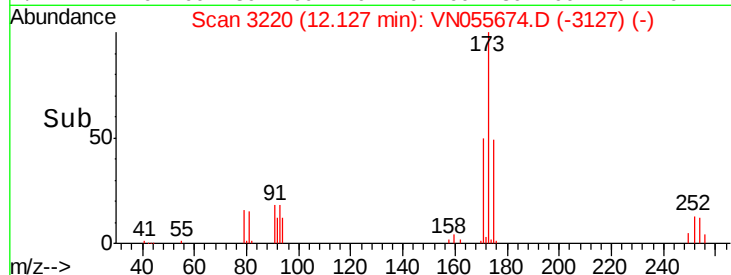
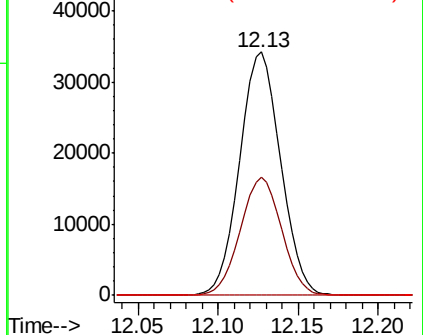


#71
Bromoform
Concen: 20.108 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion:173 Resp: 59812
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.9
254 0.0 0.1 0.1#

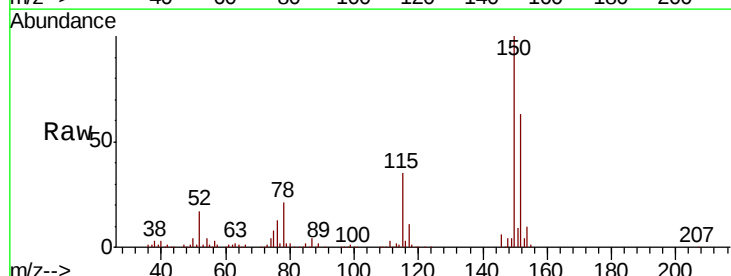


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

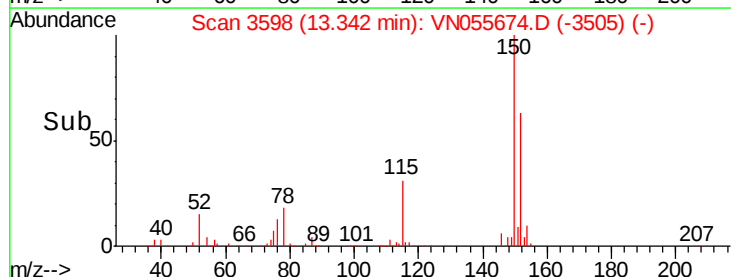
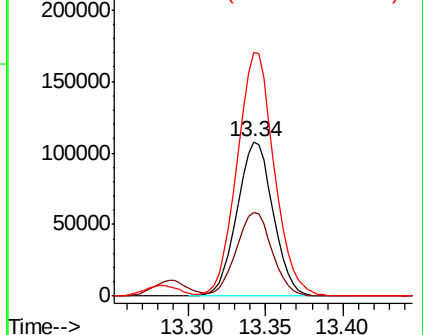


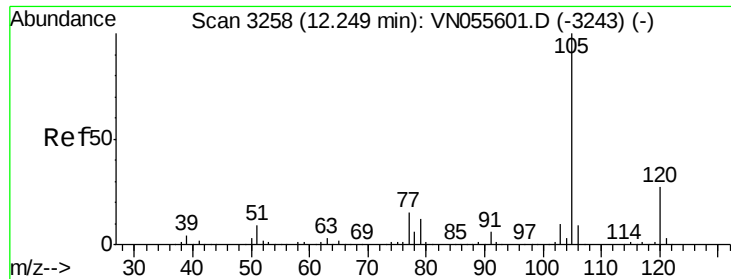
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion:152 Resp: 174530
Ion Ratio Lower Upper
152 100
115 54.3 28.1 84.2
150 162.7 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: 22.941 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055674.D

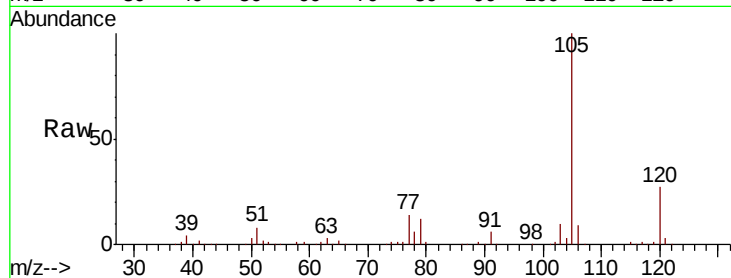
Acq: 20 May 2019 15:15

Tot Ion:105 Resp: 296946

Ion Ratio Lower Upper

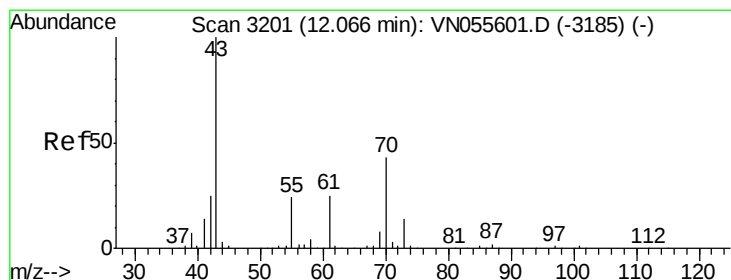
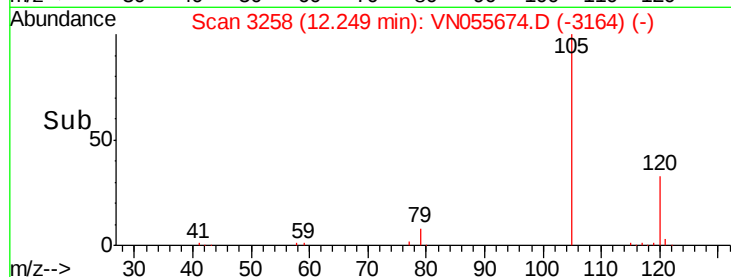
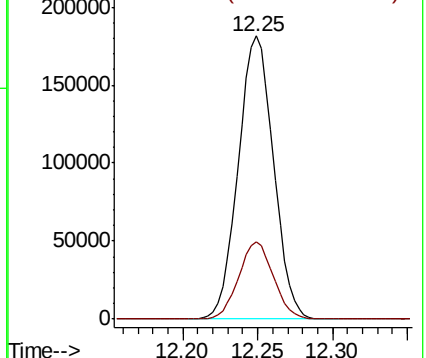
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.976 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

Tgt Ion: 43 Resp: 102799

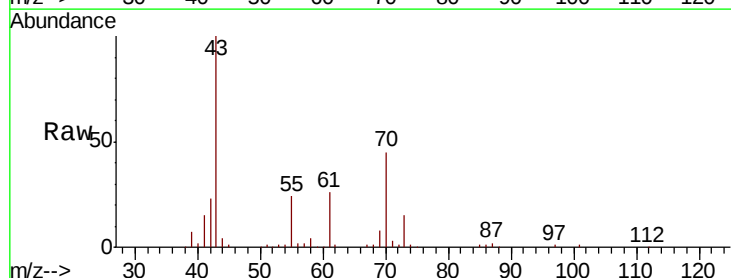
Ion Ratio Lower Upper

43 100

70 45.6 35.0 52.6

55 24.4 18.9 28.3

61 26.0 20.1 30.1

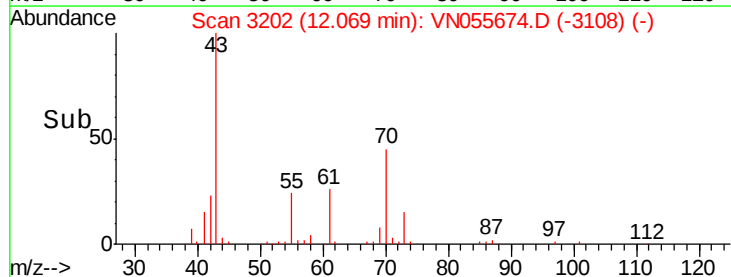
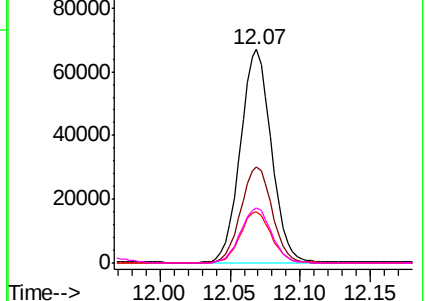


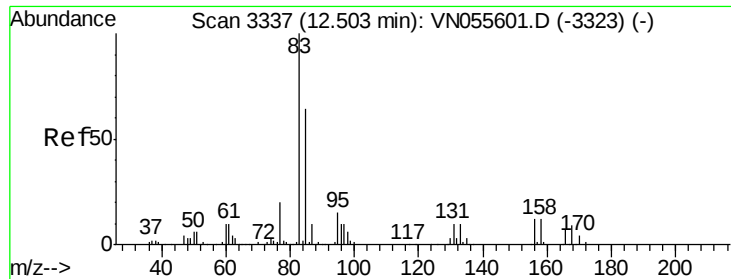
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.683 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

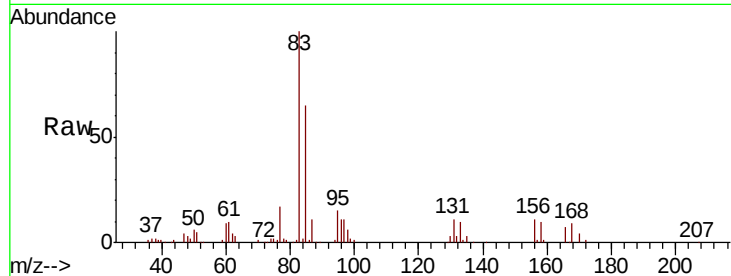
Tot Ion: 83 Resp: 91005

Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.3	16.1
85	65.6	32.0	96.2

83 100

131 11.0 5.3 16.1

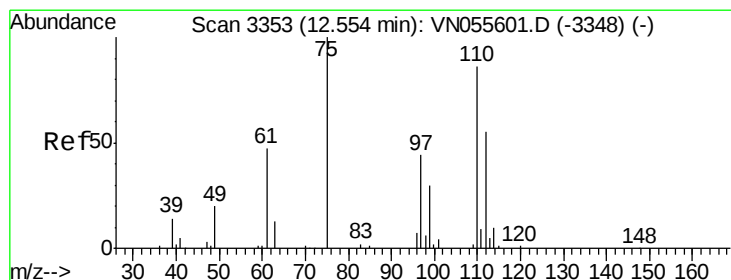
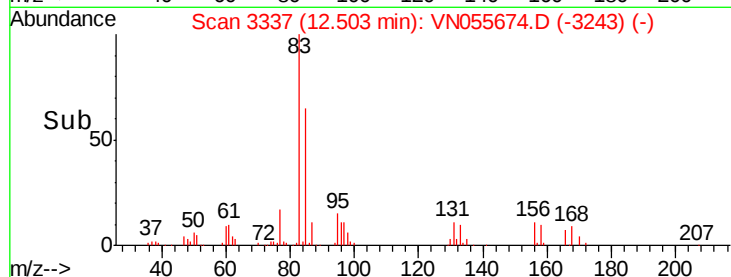
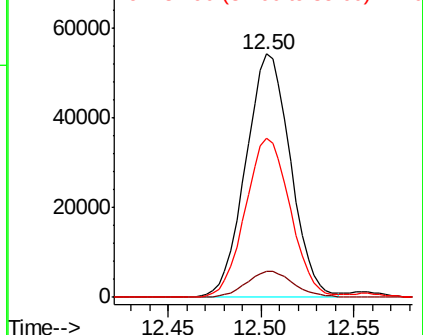
85 65.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 30.316 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055674.D

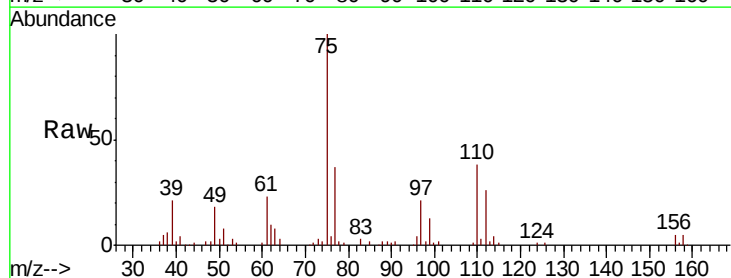
Acq: 20 May 2019 15:15

Tgt Ion: 75 Resp: 107964

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

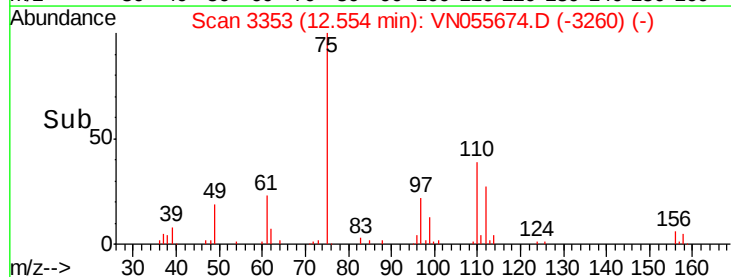
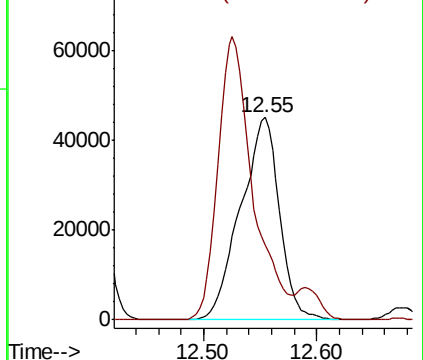
75 100

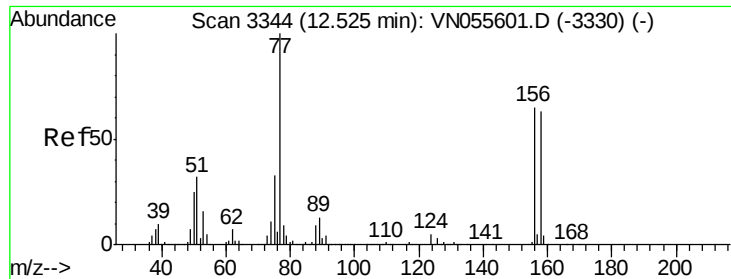
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.757 ug/l

RT: 12.53 min Scan# 3344

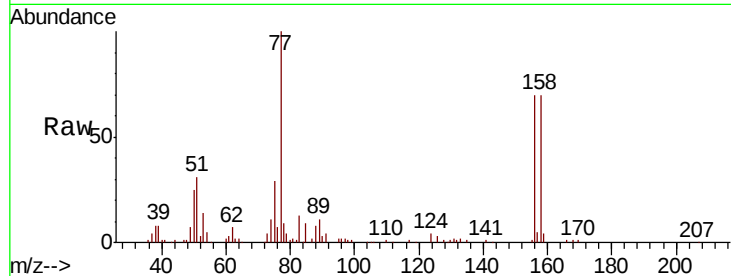
Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

Tot Ion:156 Resp: 77984

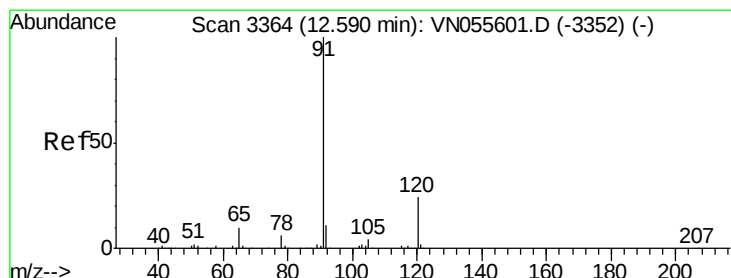
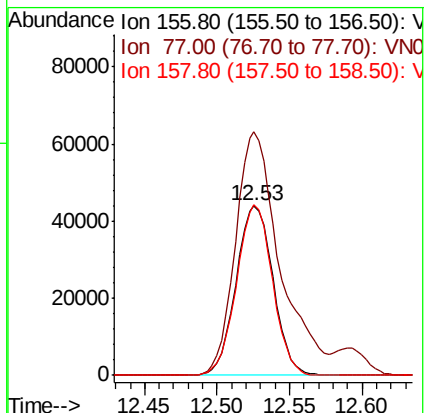
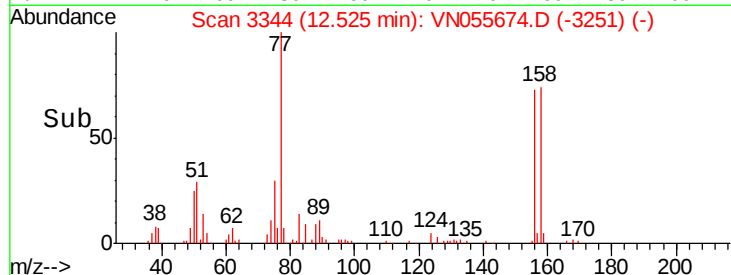
Ion	Ratio	Lower	Upper
156	100		
77	173.0	94.5	283.5
158	97.6	49.0	147.2



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: 19.591 ug/l

RT: 12.59 min Scan# 3364

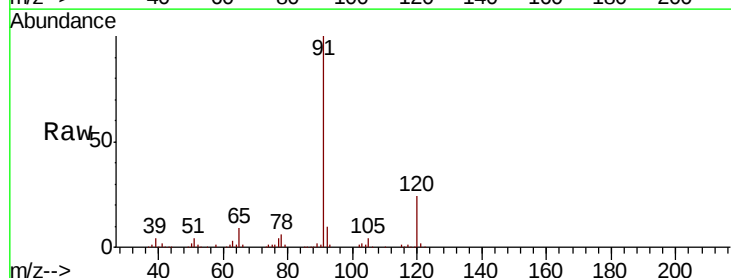
Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

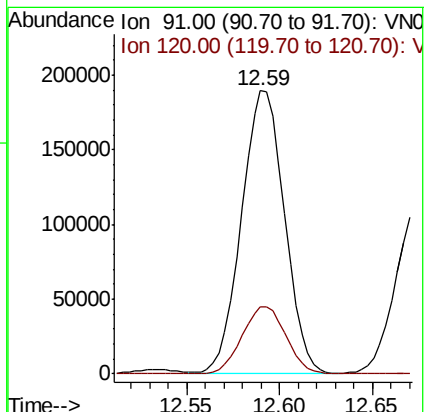
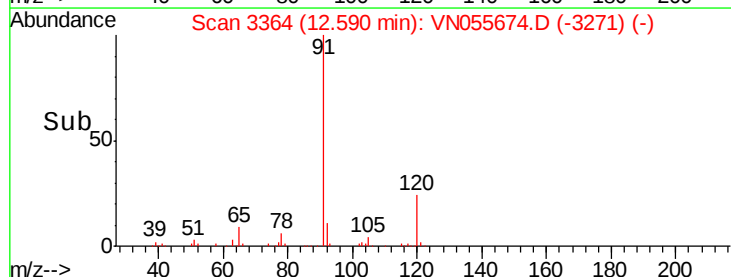
Tgt Ion: 91 Resp: 303632

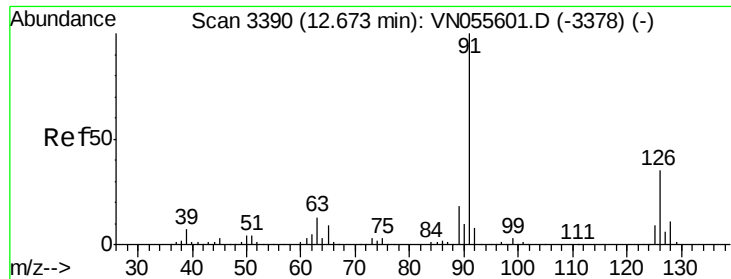
Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.804 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055674.D

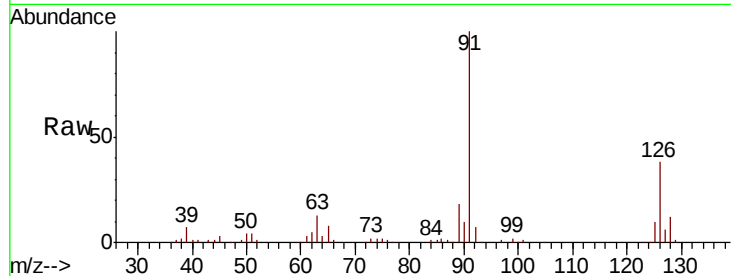
Acq: 20 May 2019 15:15

Tot Ion: 91 Resp: 188718

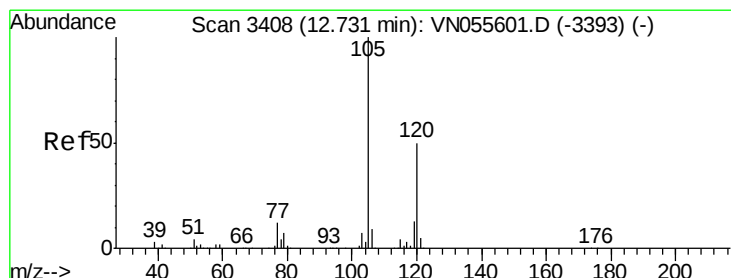
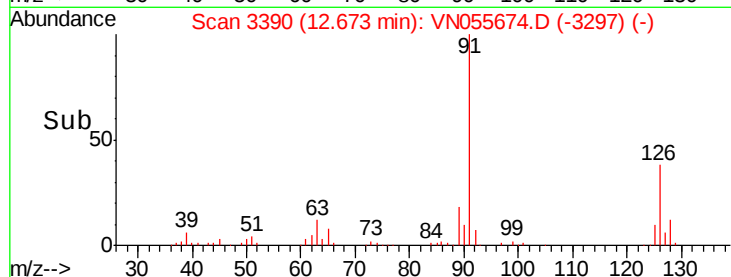
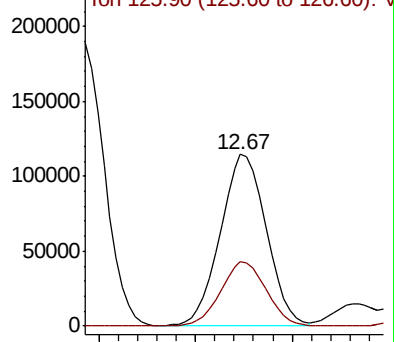
Ion Ratio Lower Upper

91 100

126 37.3 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VN055674.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.007 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055674.D

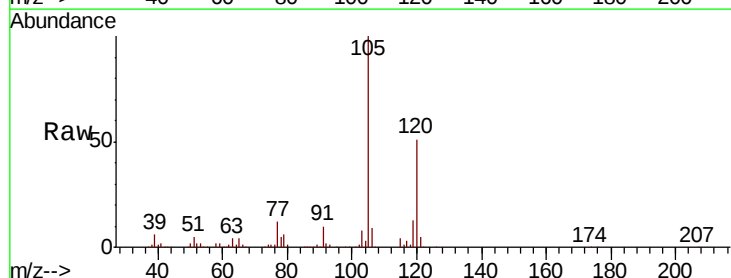
Acq: 20 May 2019 15:15

Tgt Ion: 105 Resp: 242212

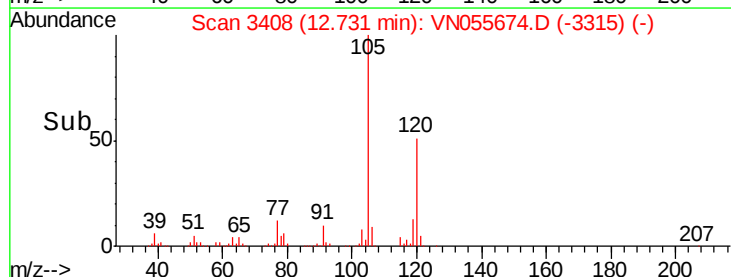
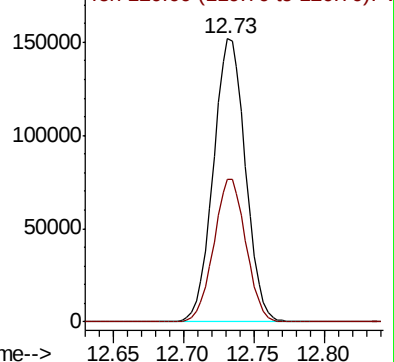
Ion Ratio Lower Upper

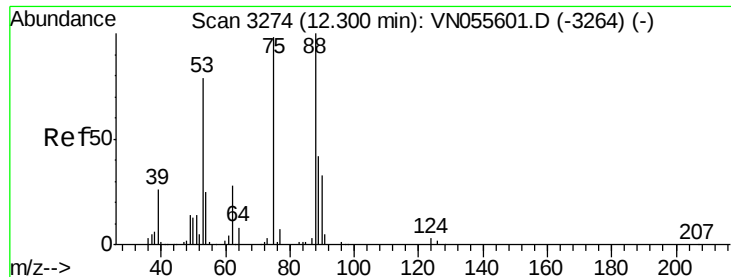
105 100

120 50.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN055674.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.727 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

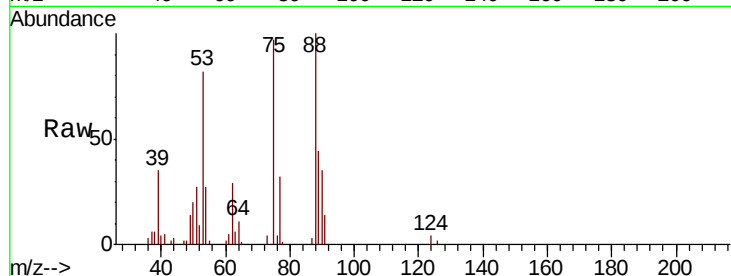
Tot Ion: 75 Resp: 25944

Ion Ratio Lower Upper

75 100

53 82.1 65.1 97.7

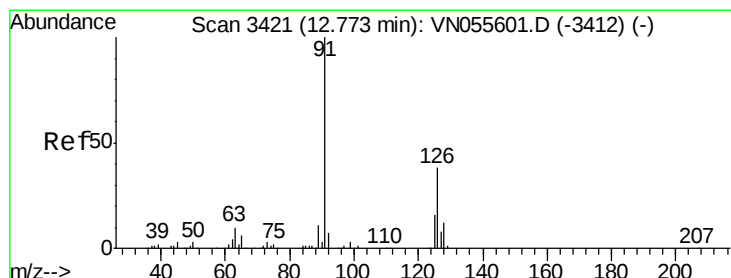
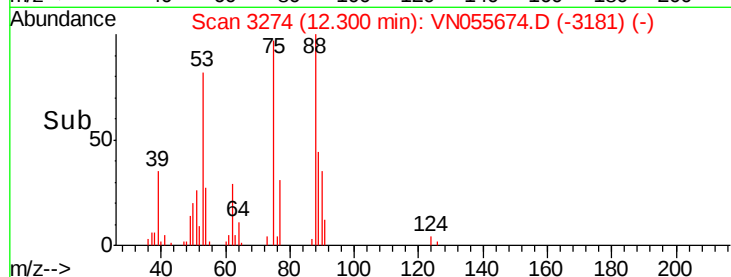
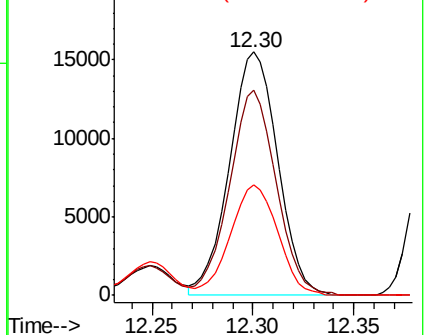
89 44.6 36.4 54.6



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: 19.366 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055674.D

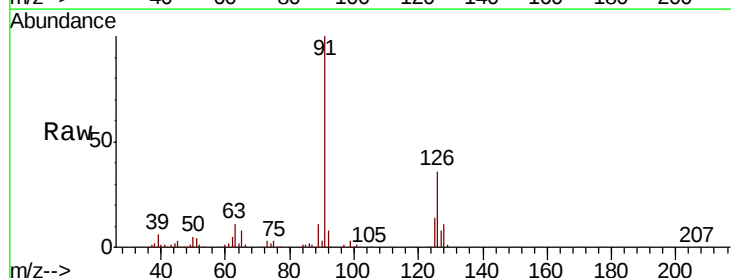
Acq: 20 May 2019 15:15

Tgt Ion: 91 Resp: 176849

Ion Ratio Lower Upper

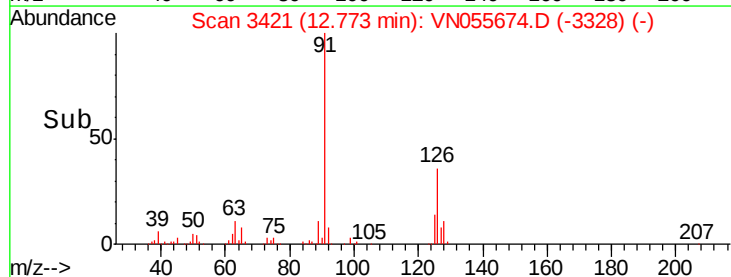
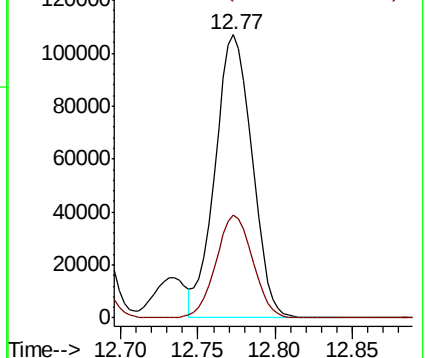
91 100

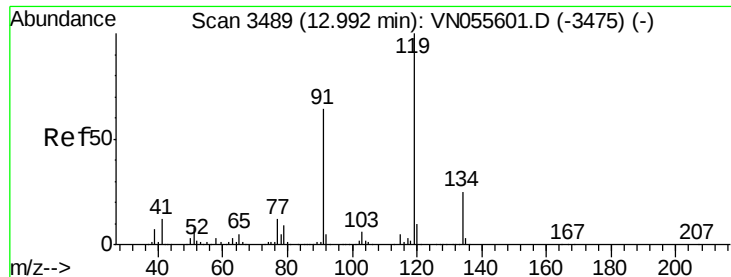
126 36.3 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

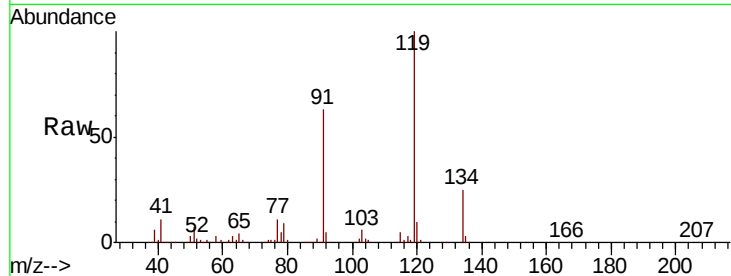
Ion 125.90 (125.60 to 126.60): V



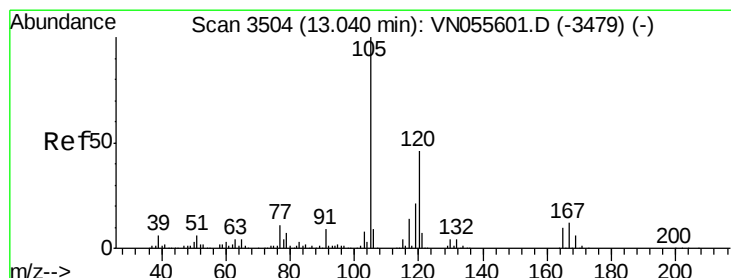
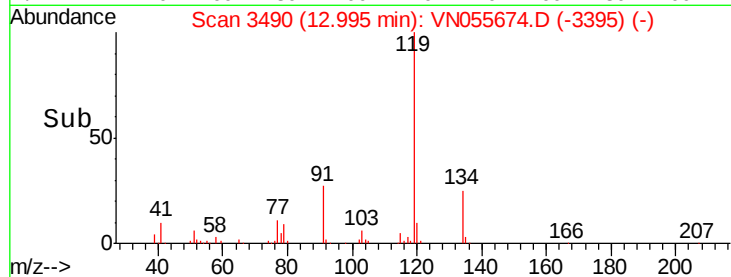
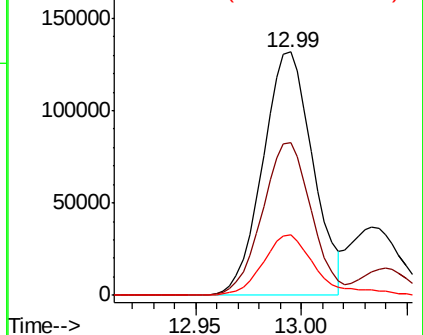


#83
tert-Butylbenzene
Concen: 23.010 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion:119 Resp: 217606
Ion Ratio Lower Upper
119 100
91 61.3 31.3 93.8
134 26.2 13.2 39.6

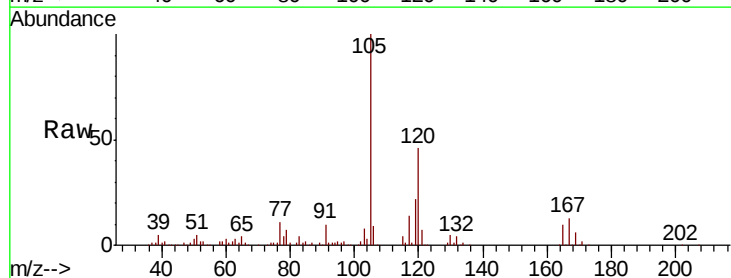


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

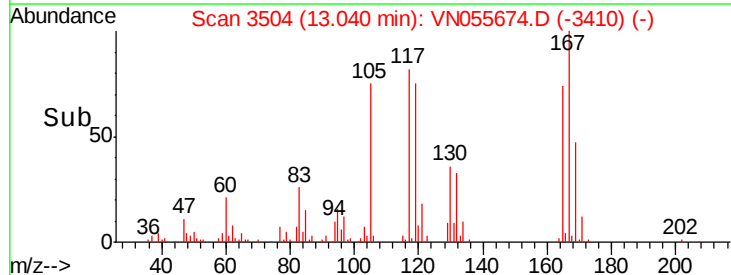
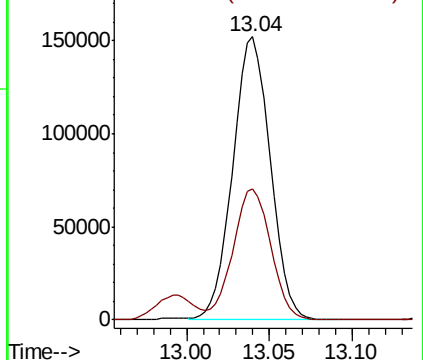


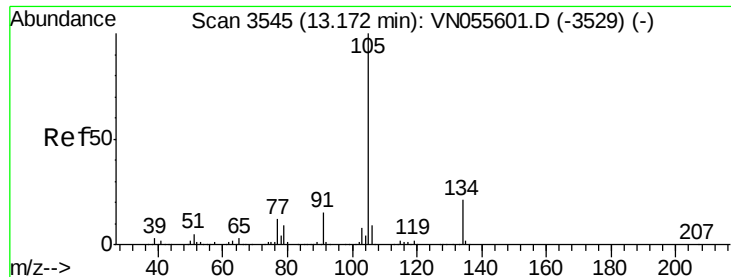
#84
1,2,4-Trimethylbenzene
Concen: 21.983 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion:105 Resp: 239871
Ion Ratio Lower Upper
105 100
120 46.5 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: 21.881 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055674.D

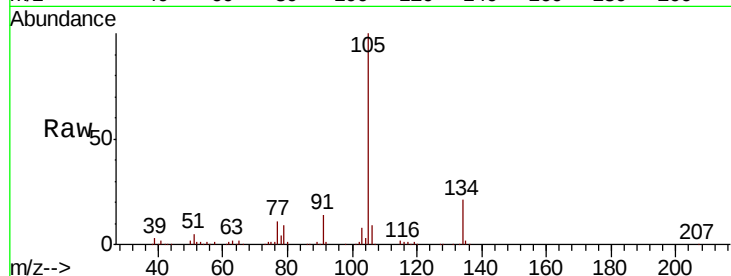
Acq: 20 May 2019 15:15

Tot Ion:105 Resp: 269341

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

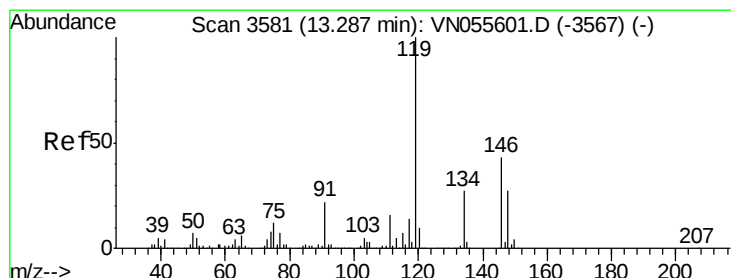
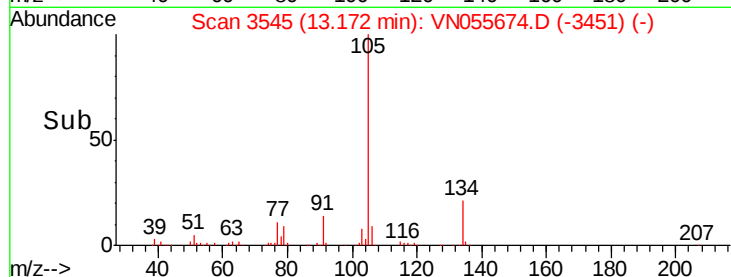
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.418 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

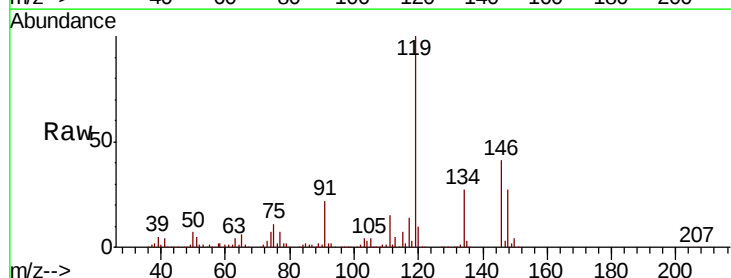
Tgt Ion:119 Resp: 243529

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 21.7 11.0 33.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

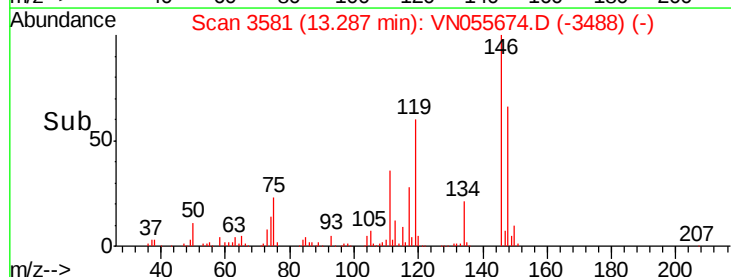
150000

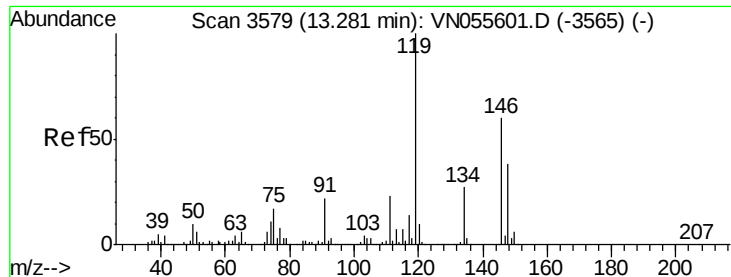
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.861 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

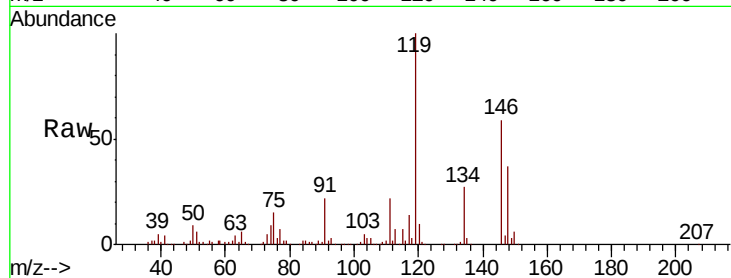
Tot Ion:146 Resp: 117702

Ion Ratio Lower Upper

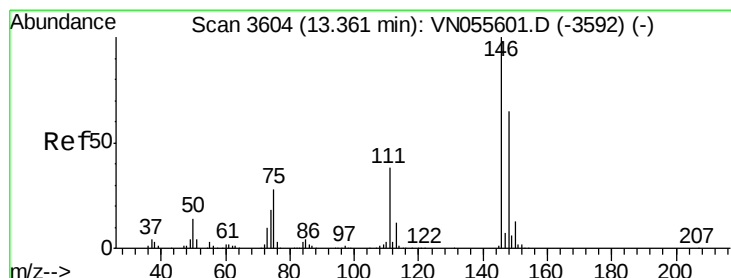
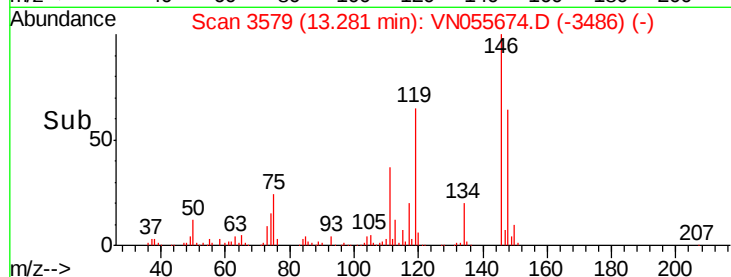
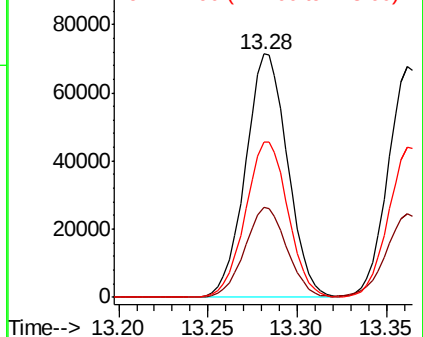
146 100

111 36.9 18.9 56.9

148 64.6 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: 19.857 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

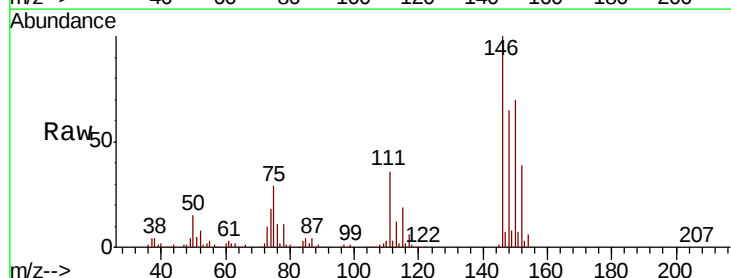
Tgt Ion:146 Resp: 112364

Ion Ratio Lower Upper

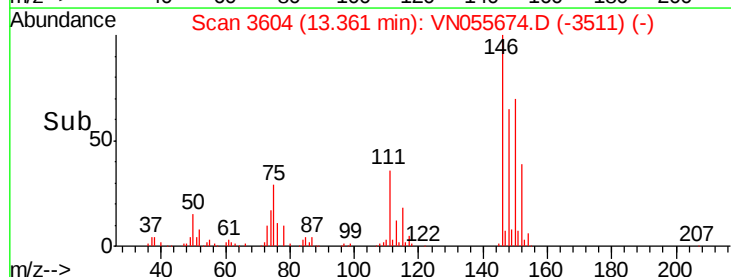
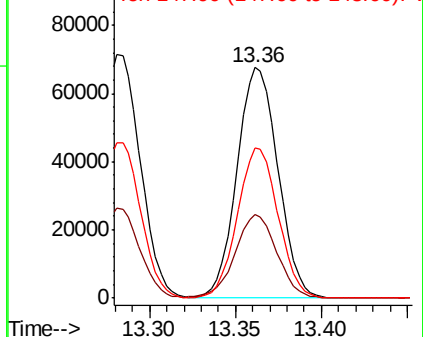
146 100

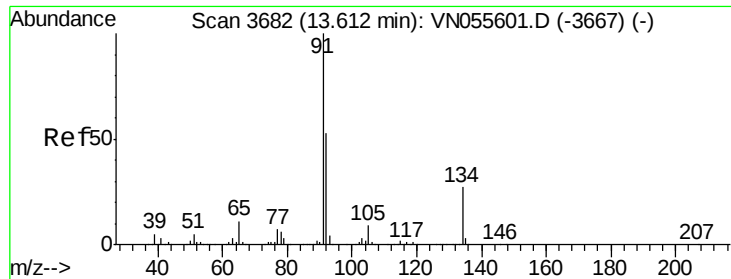
111 36.8 18.8 56.4

148 64.6 32.4 97.0



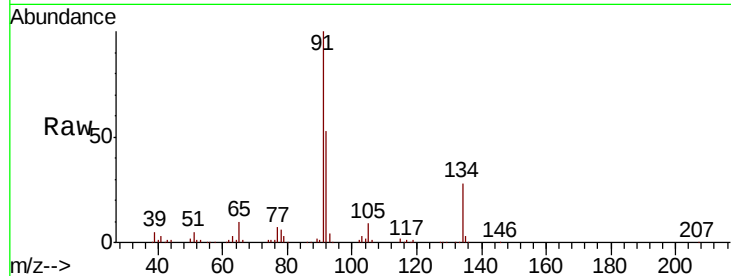
Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



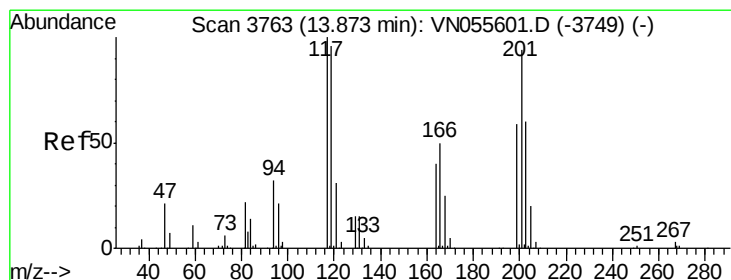
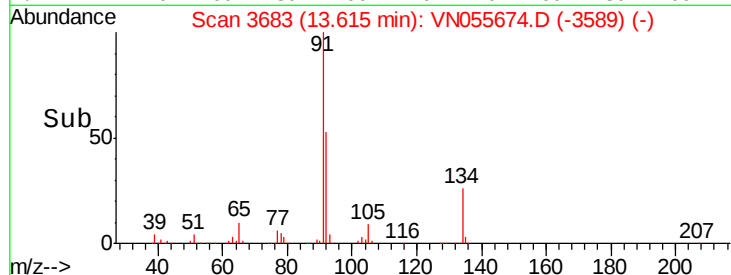
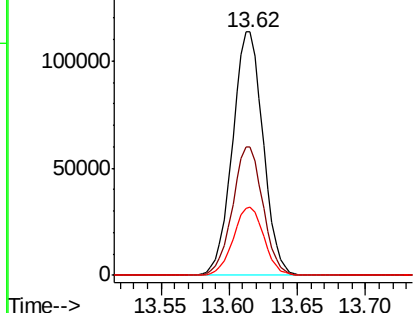


#89
n-Butylbenzene
Concen: 18.468 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tot Ion: 91 Resp: 176866
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.0
134 27.8 13.7 41.1

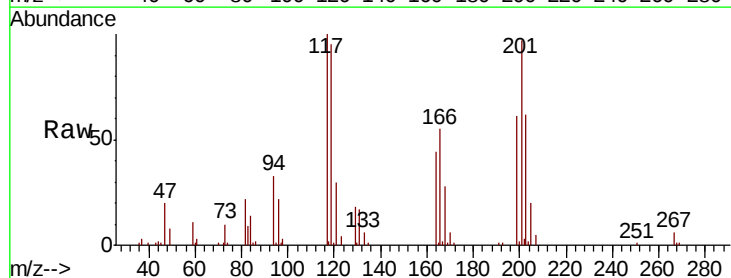


Abundance Ion 91.00 (90.70 to 91.70): VN055601.D (-3667) (-)
Ion 92.00 (91.70 to 92.70): VN055601.D (-3667) (-)
Ion 134.00 (133.70 to 134.70): VN055601.D (-3667) (-)

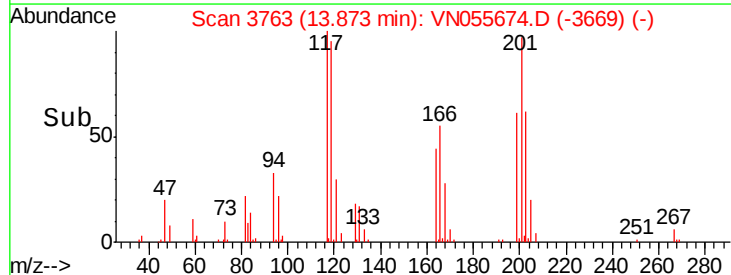
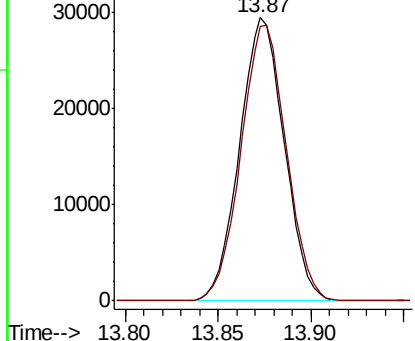


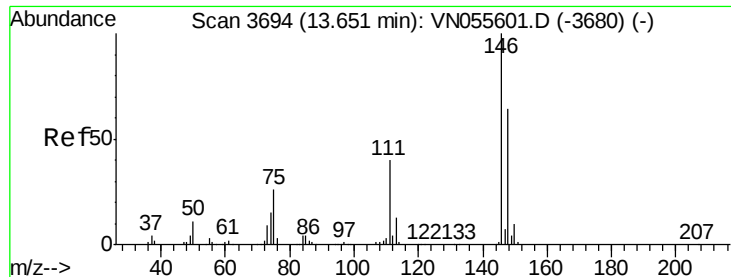
#90
Hexachloroethane
Concen: 22.454 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055674.D
Acq: 20 May 2019 15:15

Tgt Ion: 117 Resp: 49075
Ion Ratio Lower Upper
117 100
201 98.9 47.1 141.3



Abundance Ion 116.80 (116.50 to 117.50): VN055601.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN055601.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 19.869 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

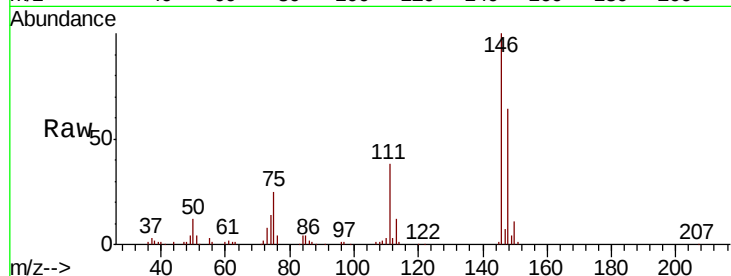
Tot Ion:146 Resp: 117382

Ion Ratio Lower Upper

146 100

111 38.3 19.7 59.0

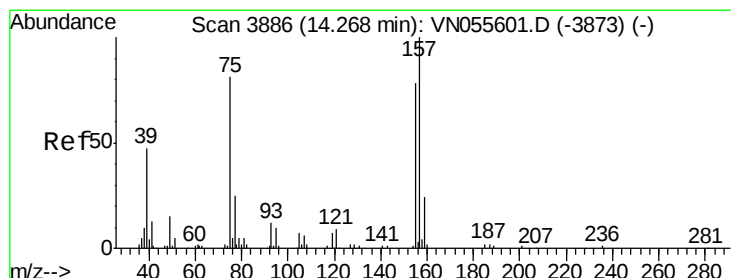
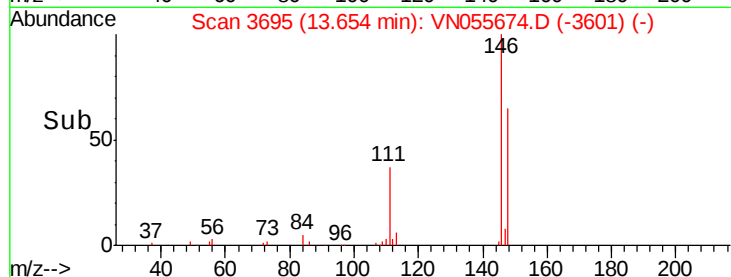
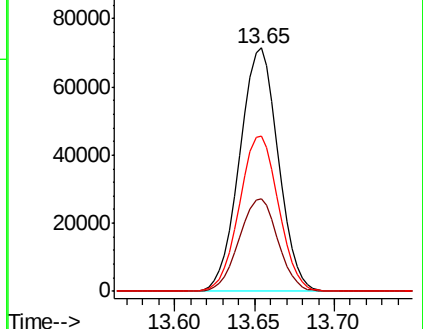
148 64.6 32.1 96.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.019 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

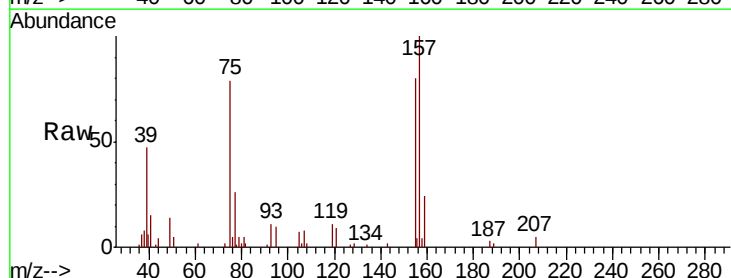
Tgt Ion: 75 Resp: 16648

Ion Ratio Lower Upper

75 100

155 100.0 48.4 145.0

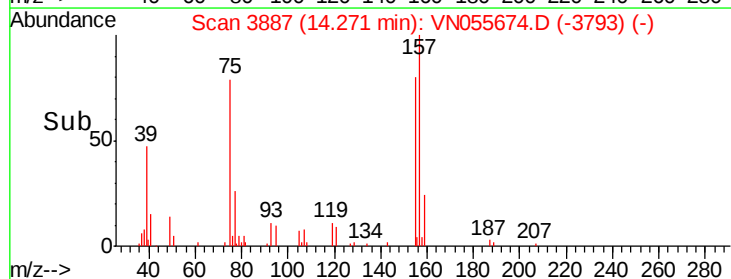
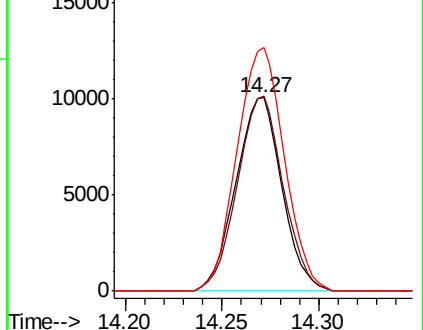
157 129.5 62.3 186.8

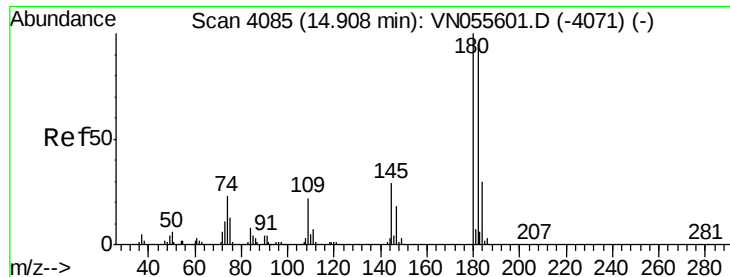


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

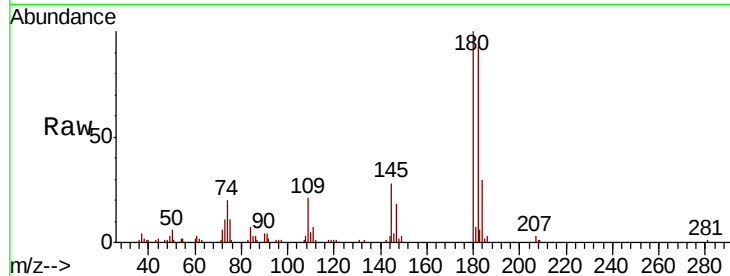
Ion 156.80 (156.50 to 157.50): V



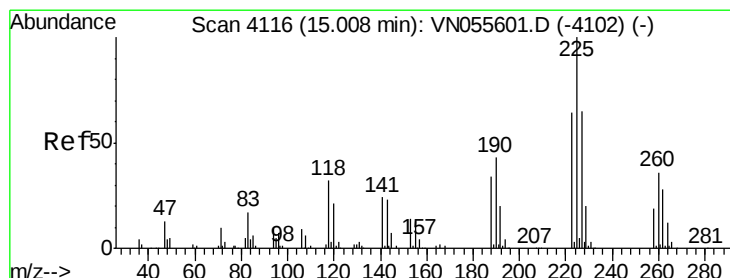
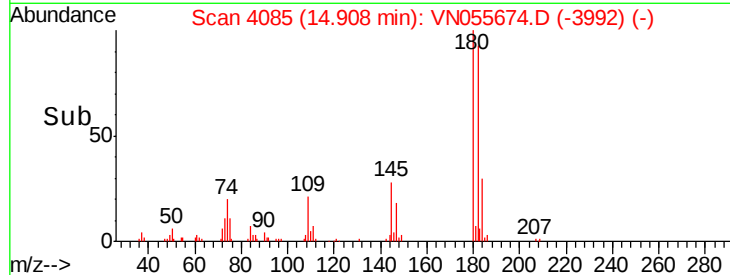
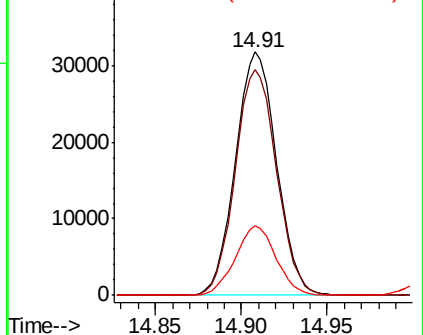


#93
 1,2,4-Trichlorobenzene
 Concen: 17.552 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tot Ion:180	Resp:	52781	
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.9	143.6
145	28.1	14.3	42.9

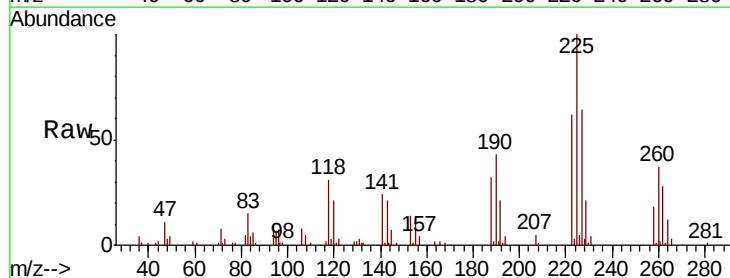


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

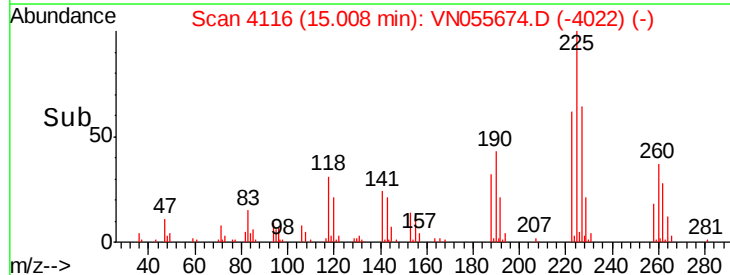
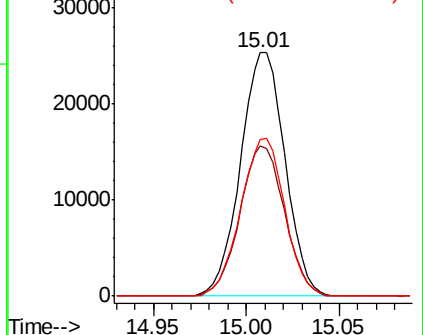


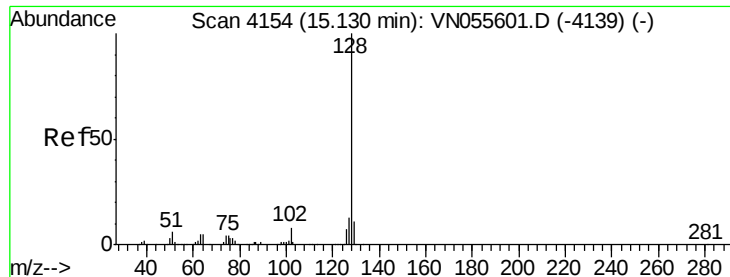
#94
 Hexachlorobutadiene
 Concen: 21.722 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055674.D
 Acq: 20 May 2019 15:15

Tgt	Ion:225	Resp:	42417
Ion	Ratio	Lower	Upper
225	100		
223	61.7	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: 18.582 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

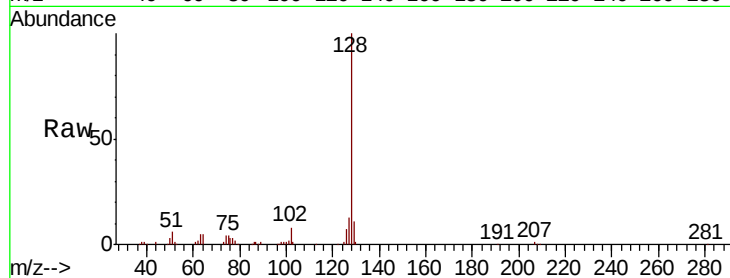
Tot Ion:128 Resp: 158214

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

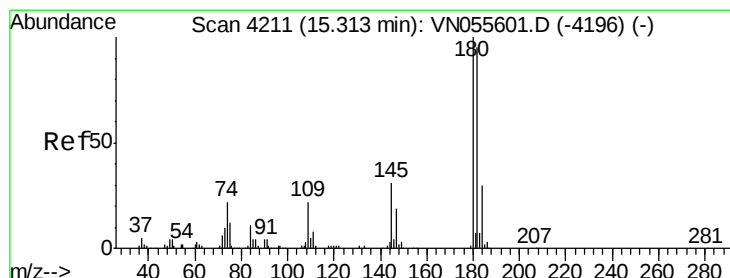
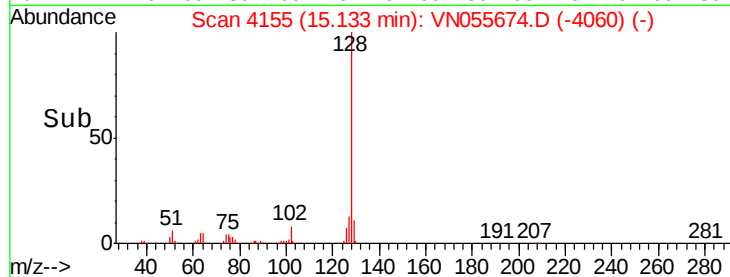
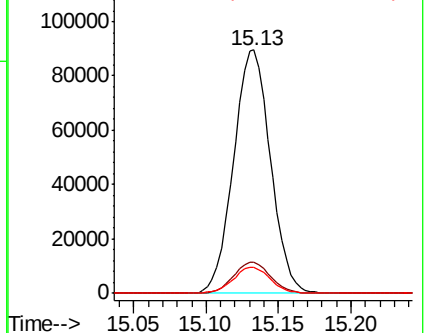
129 10.7 8.6 12.8



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: 18.311 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055674.D

Acq: 20 May 2019 15:15

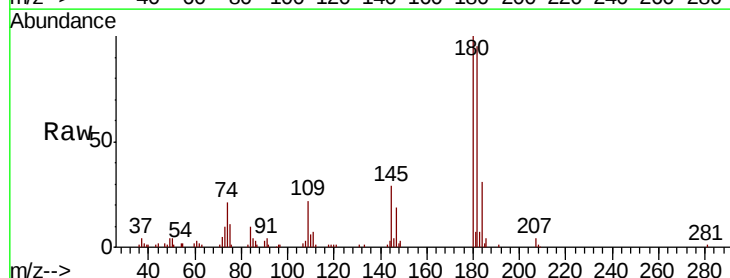
Tgt Ion:180 Resp: 57576

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.6

145 29.3 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

