

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054066.D
 Acq On : 4 Mar 2019 15:33
 Operator : JC/SP
 Sample : VN0304WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 05 00:12:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	650995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	859272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	386199	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	377995	49.53	ug/l	0.00
Spiked Amount			Recovery	=	99.06%	
35) Dibromofluoromethane	7.59	113	329815	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
50) Toluene-d8	10.09	98	1204683	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	391575	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	114322	19.081	ug/l	97
3) Chloromethane	2.06	50	158977	19.130	ug/l	99
4) Vinyl Chloride	2.19	62	158204	19.000	ug/l	99
5) Bromomethane	2.57	94	102300	18.551	ug/l	99
6) Chloroethane	2.71	64	95734	18.487	ug/l	100
7) Trichlorofluoromethane	3.02	101	202404	19.028	ug/l	98
8) Diethyl Ether	3.41	74	76444	19.181	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.76	101	130407	19.411	ug/l	94
10) Methyl Iodide	3.96	142	158354	17.938	ug/l	98
11) Tert butyl alcohol	4.78	59	46063	95.217	ug/l	99
12) 1,1-Dichloroethene	3.74	96	117844	18.338	ug/l	91
13) Acrolein	3.61	56	29022	57.944	ug/l	99
14) Allyl chloride	4.33	41	222513	19.742	ug/l	94
15) Acrylonitrile	4.99	53	253898	99.580	ug/l	99
16) Acetone	3.82	43	222655	103.078	ug/l	95
17) Carbon Disulfide	4.06	76	365338	17.622	ug/l	99
18) Methyl Acetate	4.32	43	112881	21.155	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	332468	19.286	ug/l	99
20) Methylene Chloride	4.55	84	143590	19.012	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	129873	18.672	ug/l	92
22) Diisopropyl ether	5.95	45	437236	20.108	ug/l	94
23) Vinyl Acetate	5.90	43	1495807	95.624	ug/l	95
24) 1,1-Dichloroethane	5.85	63	259865	19.488	ug/l	98
25) 2-Butanone	6.83	43	294558	98.306	ug/l	93
26) 2,2-Dichloropropane	6.82	77	188087	19.854	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	150315	19.432	ug/l	94
28) Bromochloromethane	7.19	49	129332	21.189	ug/l #	79
29) Tetrahydrofuran	7.21	42	194663	97.557	ug/l	91
30) Chloroform	7.37	83	251714	19.467	ug/l	97
31) Cyclohexane	7.66	56	243257	19.685	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	204255	19.159	ug/l	95
36) 1,1-Dichloropropene	7.79	75	191235	20.328	ug/l	97
37) Ethyl Acetate	6.93	43	128292	19.099	ug/l	98
38) Carbon Tetrachloride	7.77	117	180629	18.462	ug/l	99

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

39) Methylcyclohexane	9.08	83	223108	19.676	ug/l	94
40) Benzene	8.04	78	562608	19.467	ug/l	100
41) Methacrylonitrile	7.17	41	61333	14.180	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	184536	20.625	ug/l	96
43) Isopropyl Acetate	8.16	43	213449	18.820	ug/l #	90
44) Trichloroethene	8.83	130	145778	19.027	ug/l	93
45) 1,2-Dichloropropane	9.12	63	156838	20.115	ug/l	99
46) Dibromomethane	9.21	93	88030	19.447	ug/l	91
47) Bromodichloromethane	9.40	83	187745	19.681	ug/l	97
48) Methyl methacrylate	9.20	41	102411	19.631	ug/l	93
49) 1,4-Dioxane	9.20	88	27465	388.703	ug/l #	88
51) 4-Methyl-2-Pentanone	9.98	43	575984	98.829	ug/l	96
52) Toluene	10.16	92	337868	19.854	ug/l	97
53) t-1,3-Dichloropropene	10.38	75	179113	19.297	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	216394	19.776	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	122682	19.304	ug/l	98
56) Ethyl methacrylate	10.43	69	140735	18.183	ug/l #	88
57) 1,3-Dichloropropane	10.71	76	213147	19.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	333310	94.851	ug/l	95
59) 2-Hexanone	10.75	43	369530	97.489	ug/l	91
60) Dibromochloromethane	10.90	129	133744	18.936	ug/l	99
61) 1,2-Dibromoethane	11.00	107	117183	19.114	ug/l	100
64) Tetrachloroethene	10.63	164	146837	20.181	ug/l	96
65) Chlorobenzene	11.43	112	359577	19.828	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	131216	20.077	ug/l	99
67) Ethyl Benzene	11.51	91	611348	20.109	ug/l	99
68) m/p-Xylenes	11.62	106	468824	40.859	ug/l	97
69) o-Xylene	11.95	106	226230	20.066	ug/l	96
70) Styrene	11.96	104	353086	20.361	ug/l	98
71) Bromoform	12.13	173	86494	19.023	ug/l #	99
73) Isopropylbenzene	12.25	105	600909	19.988	ug/l	99
74) N-amyl acetate	12.07	43	160614	20.384	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	141825	18.865	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	117093m	18.900	ug/l	
77) Bromobenzene	12.53	156	143894	18.852	ug/l	89
78) n-propylbenzene	12.59	91	706077	20.652	ug/l	97
79) 2-Chlorotoluene	12.67	91	416037	20.257	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	515379	20.941	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	34815	17.761	ug/l #	87
82) 4-Chlorotoluene	12.77	91	415033	20.446	ug/l	96
83) tert-Butylbenzene	12.99	119	437030	20.077	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	514559	20.942	ug/l	99
85) sec-Butylbenzene	13.17	105	613759	20.644	ug/l	98
86) p-Isopropyltoluene	13.29	119	521427	20.746	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	261902	19.835	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	251483	19.632	ug/l	98
89) n-Butylbenzene	13.62	91	440276	20.786	ug/l	97
90) Hexachloroethane	13.87	117	92463	18.985	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	253111	19.803	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21063	19.826	ug/l	83

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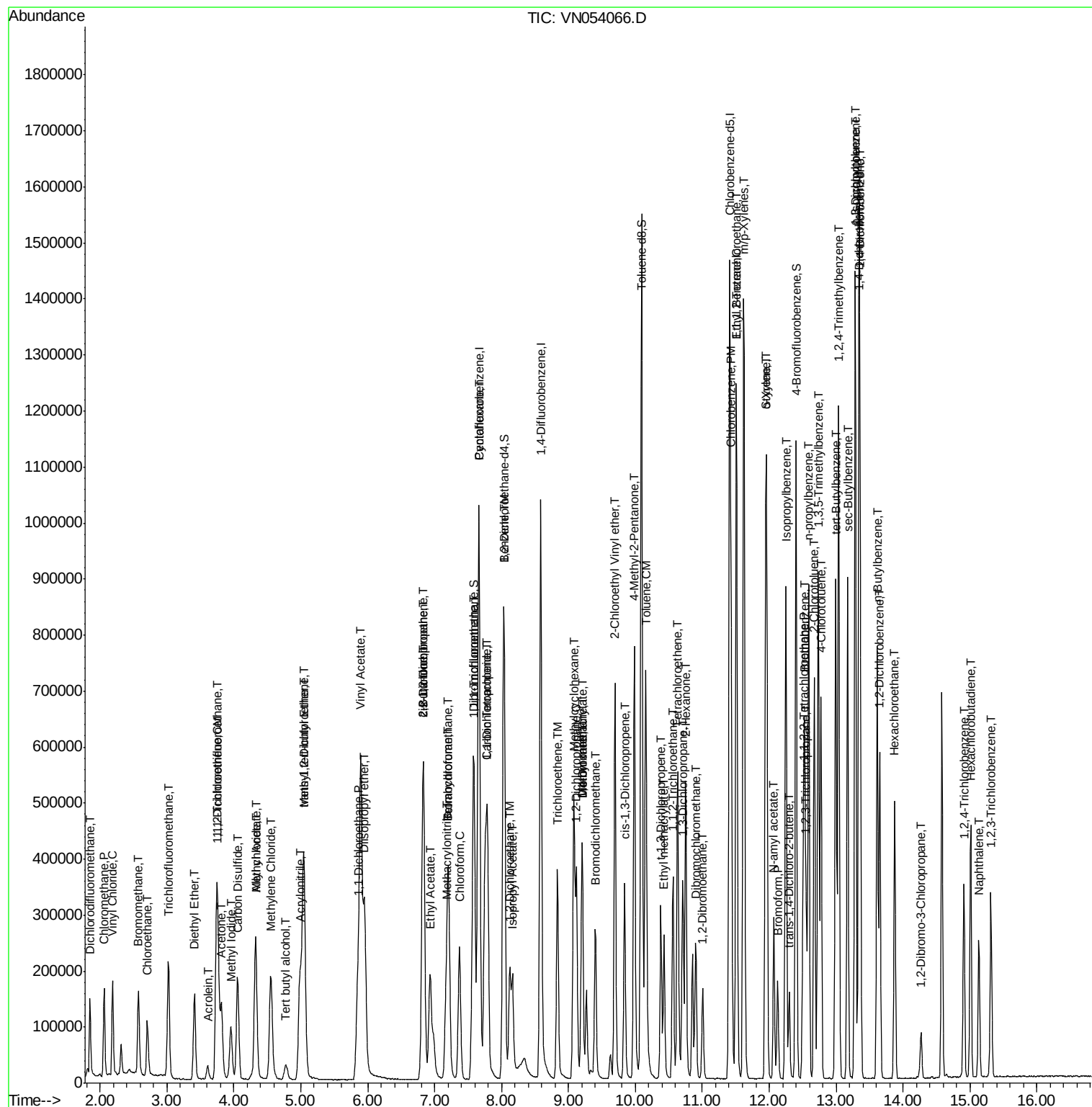
Quant Time: Mar 05 00:12:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
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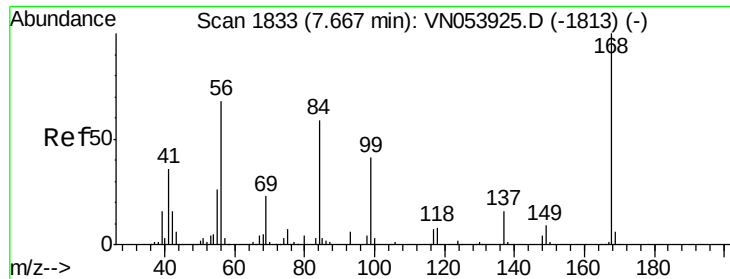
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	116241	17.870	ug/l	99
94) Hexachlorobutadiene	15.01	225	93460	20.242	ug/l	99
95) Naphthalene	15.13	128	216720	16.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	115605	18.007	ug/l	97

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054066.D

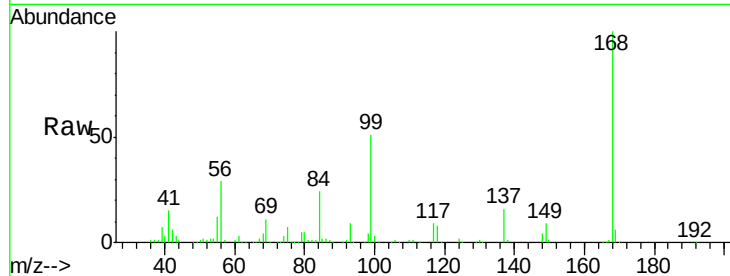
Acq: 4 Mar 2019 15:33

Tot Ion:168 Resp: 650995

Ion Ratio Lower Upper

168 100

99 51.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

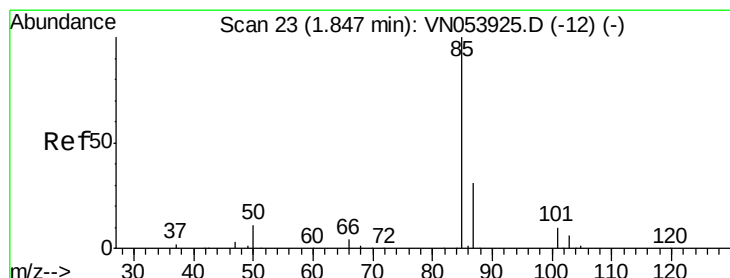
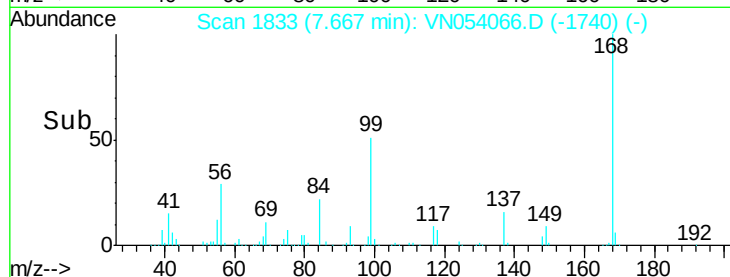
100000

50000

0

7.60 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.081 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN054066.D

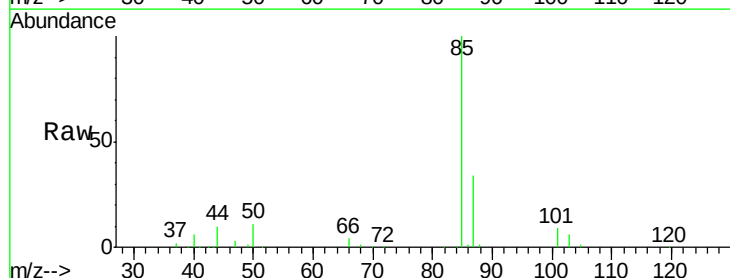
Acq: 4 Mar 2019 15:33

Tgt Ion: 85 Resp: 114322

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

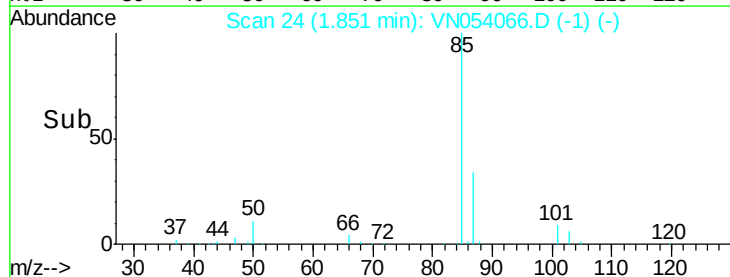
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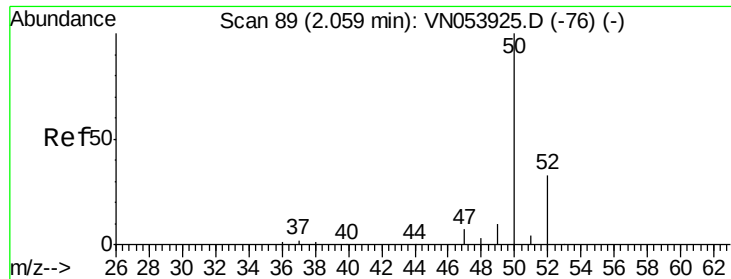
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.130 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN054066.D

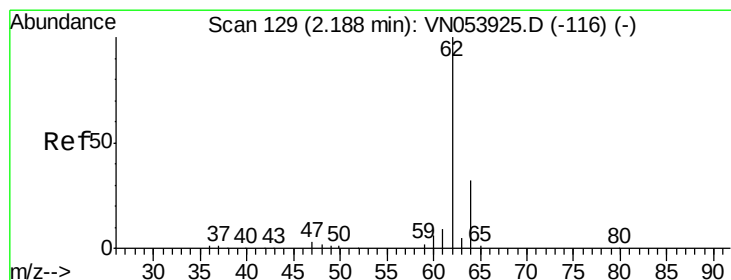
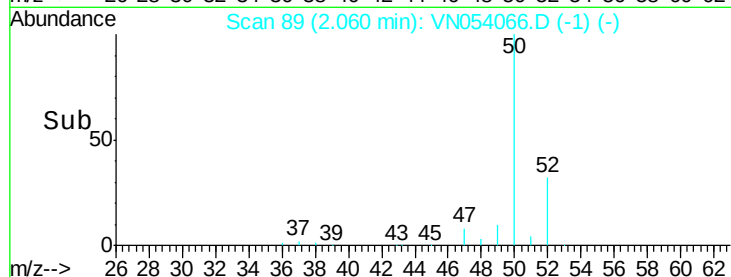
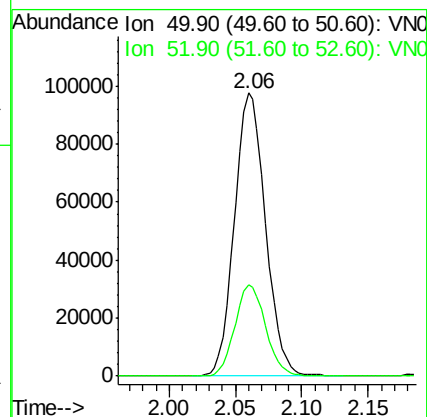
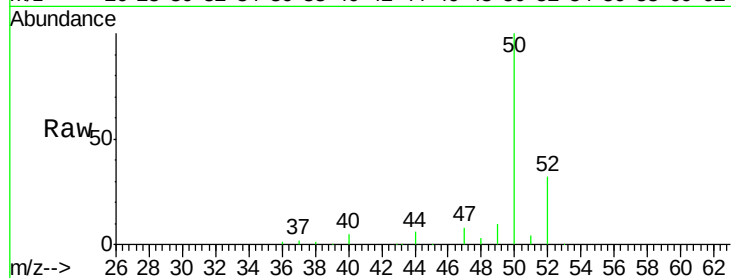
Acq: 4 Mar 2019 15:33

Tot Ion: 50 Resp: 158977

Ion Ratio Lower Upper

50 100

52 32.2 26.0 39.0



#4

Vinyl Chloride

Concen: 19.000 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN054066.D

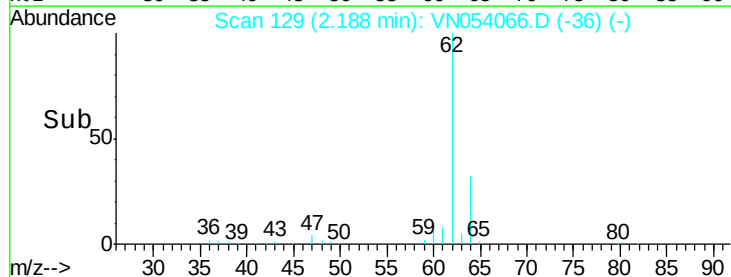
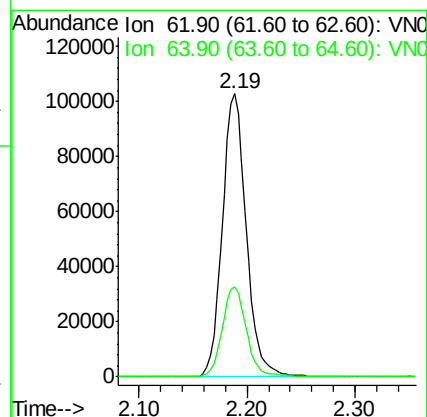
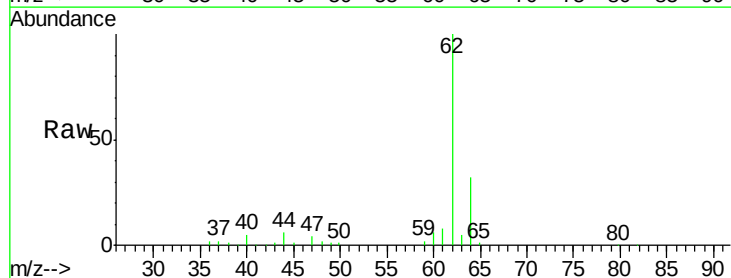
Acq: 4 Mar 2019 15:33

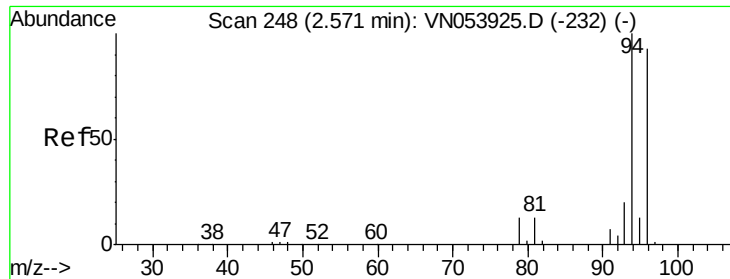
Tgt Ion: 62 Resp: 158204

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 18.551 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN054066.D

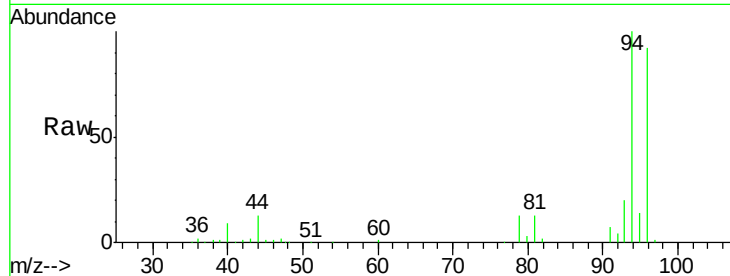
Acq: 4 Mar 2019 15:33

Tot Ion: 94 Resp: 102300

Ion Ratio Lower Upper

94 100

96 92.2 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.57

60000

50000

40000

30000

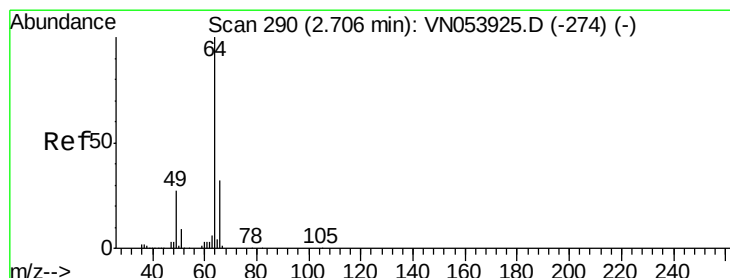
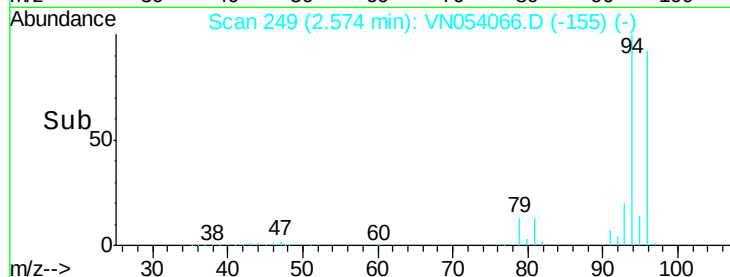
20000

10000

0

Time-->

2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.487 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN054066.D

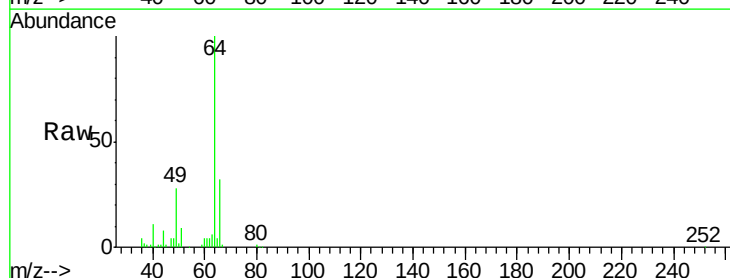
Acq: 4 Mar 2019 15:33

Tgt Ion: 64 Resp: 95734

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

50000

40000

30000

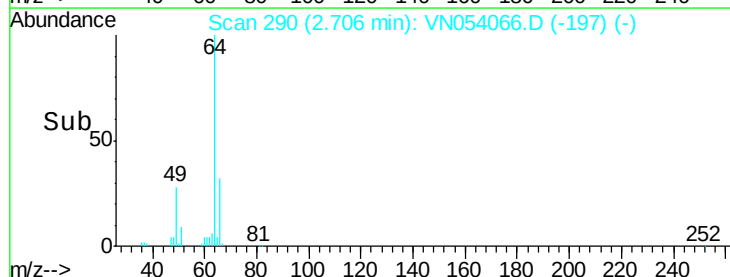
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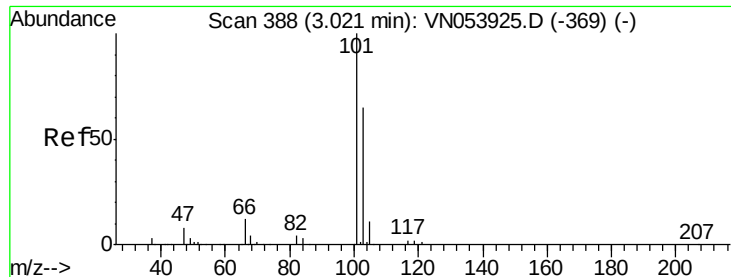
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Time-->

2.60 2.70 2.80

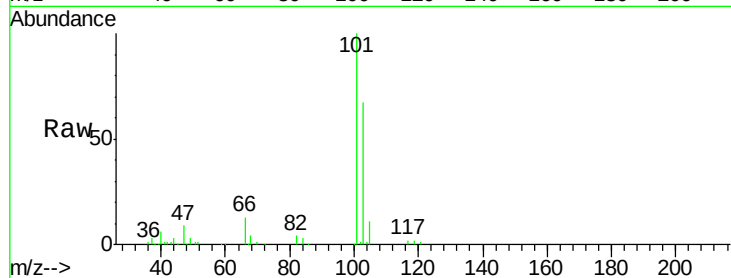




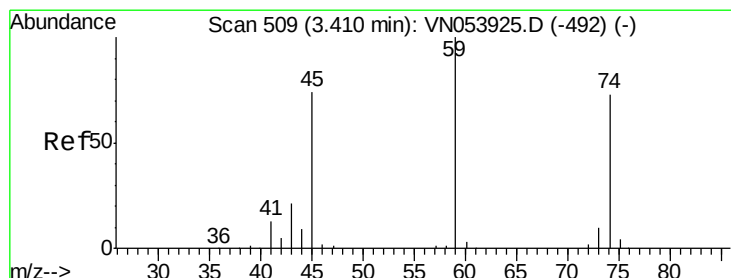
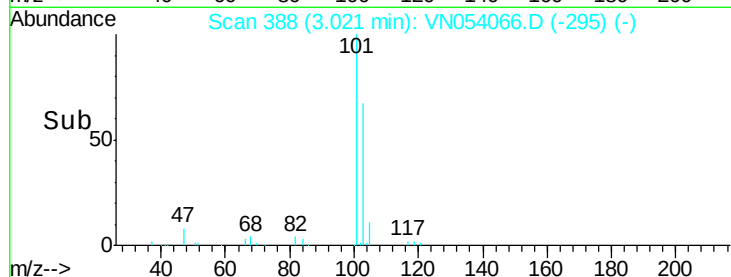
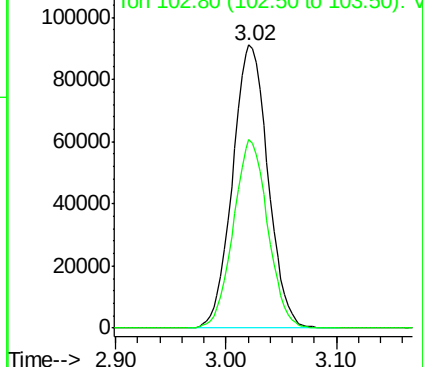
#7

Trichlorofluoromethane
Concen: 19.028 ug/l
RT: 3.02 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	51.9	77.9



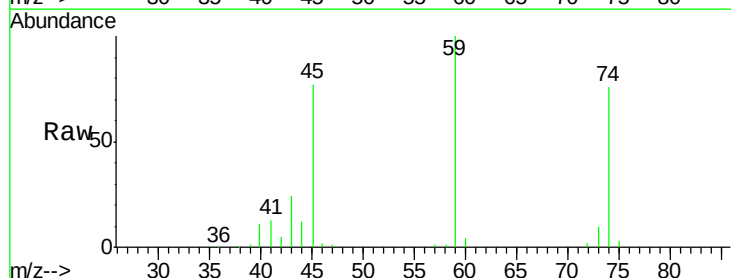
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



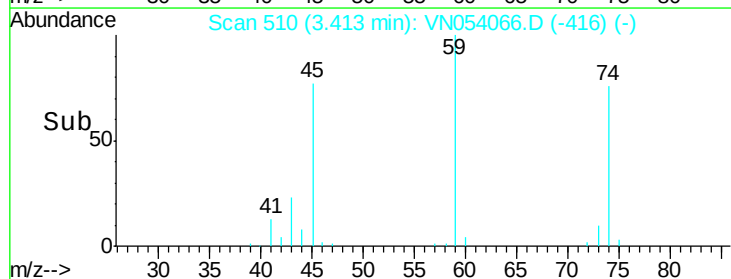
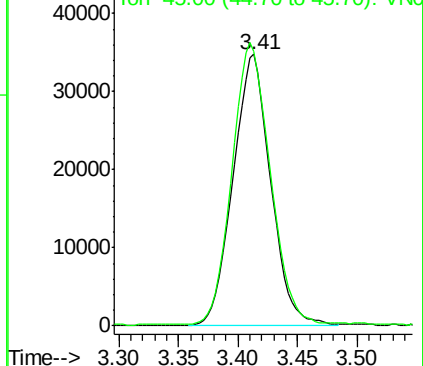
#8

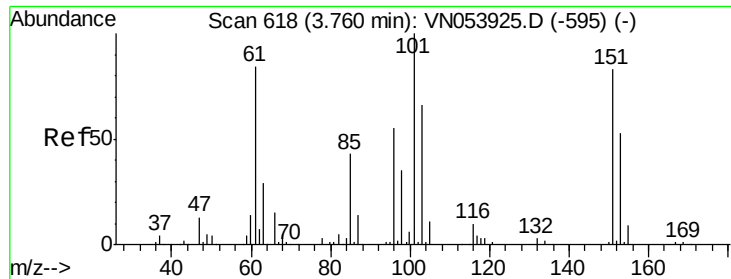
Diethyl Ether
Concen: 19.181 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	46.9	140.6



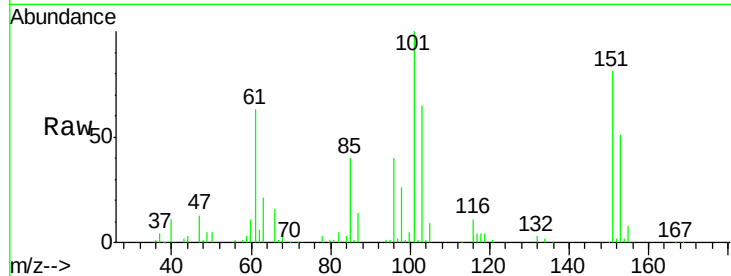
Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V



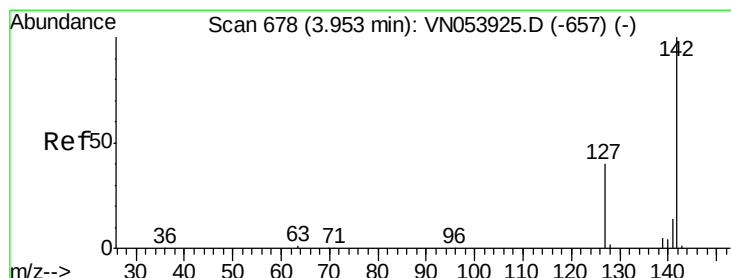
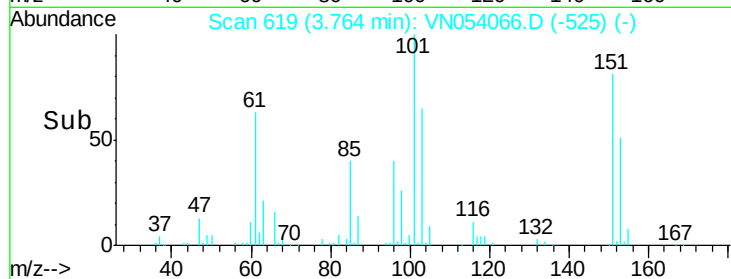
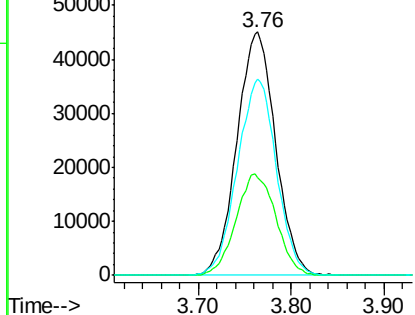


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.411 ug/l
 RT: 3.76 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tot Ion:101 Resp: 130407
 Ion Ratio Lower Upper
 101 100
 85 43.0 32.5 48.7
 151 81.4 70.2 105.2

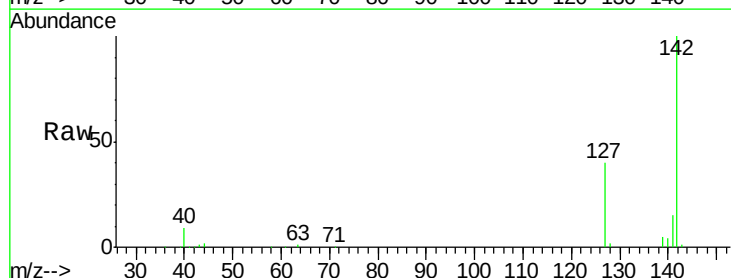


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

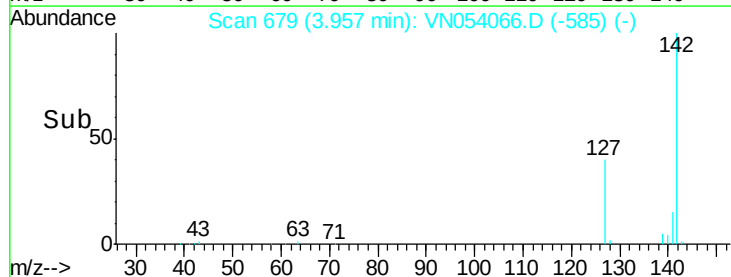
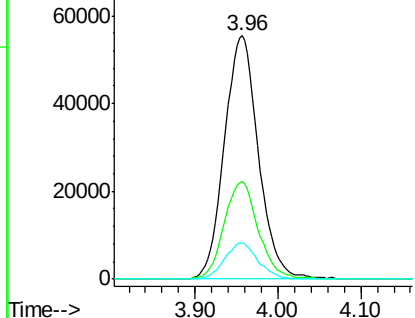


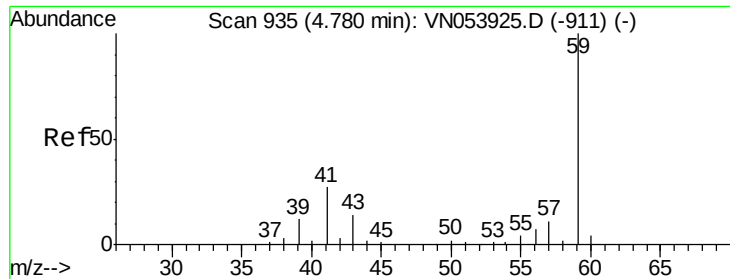
#10
 Methyl Iodide
 Concen: 17.938 ug/l
 RT: 3.96 min Scan# 679
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tgt Ion:142 Resp: 158354
 Ion Ratio Lower Upper
 142 100
 127 40.3 31.0 46.4
 141 14.5 11.3 16.9



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

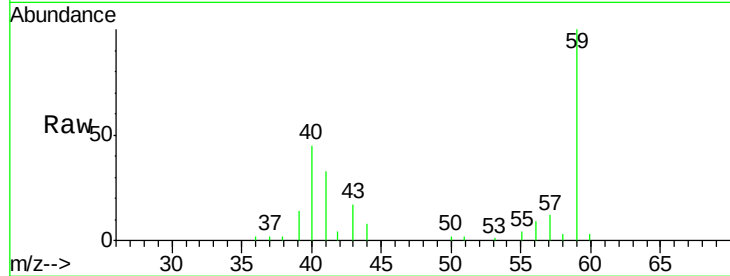




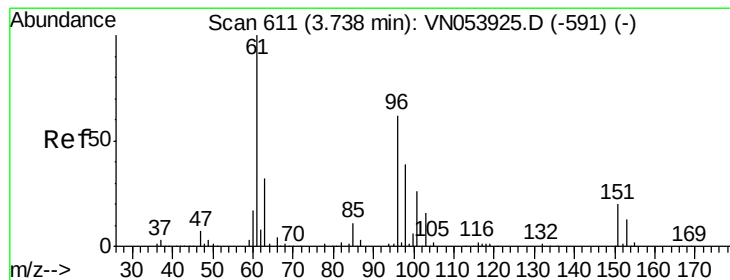
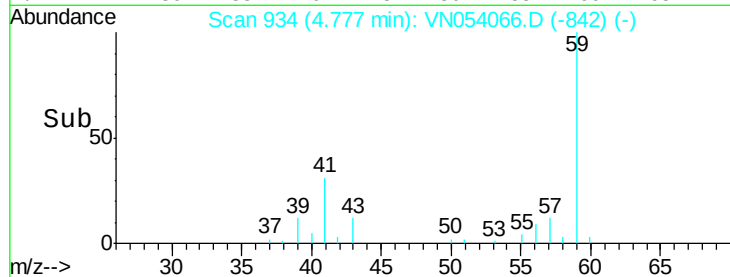
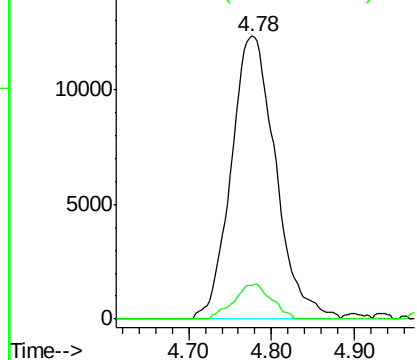
#11

Tert butyl alcohol
Concen: 95.217 ug/l
RT: 4.78 min Scan# 934
Delta R.T. -0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion: 59 Resp: 46063
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



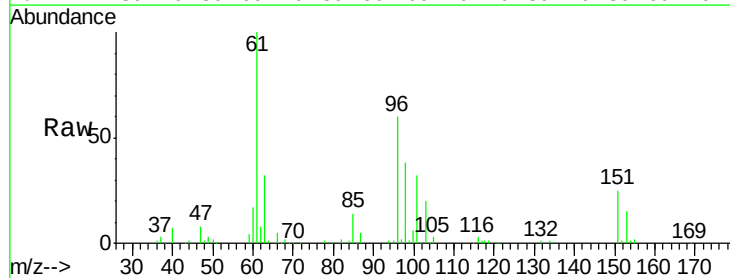
Abundance Ion 59.00 (58.70 to 59.70): VN0
Ion 57.00 (56.70 to 57.70): VN0



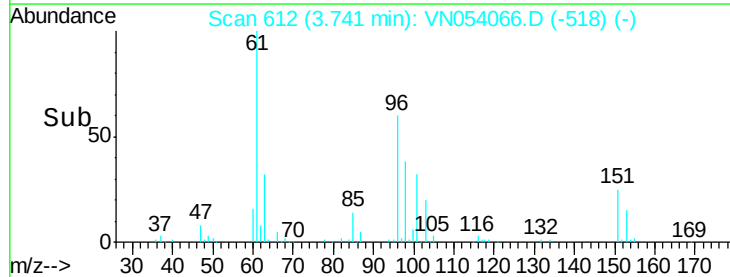
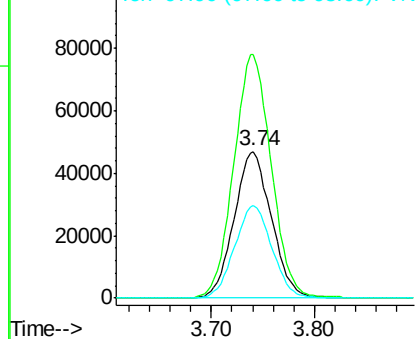
#12

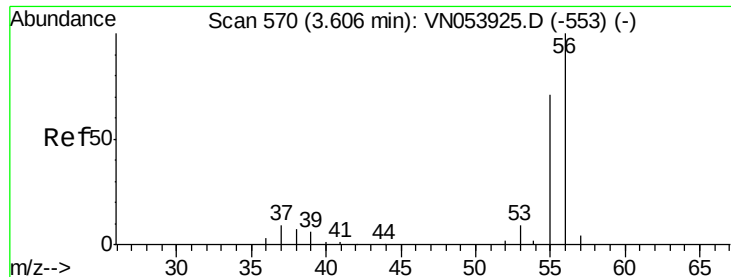
1,1-Dichloroethene
Concen: 18.338 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion: 96 Resp: 117844
Ion Ratio Lower Upper
96 100
61 166.2 121.0 181.4
98 63.6 52.2 78.2



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: 57.944 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN054066.D

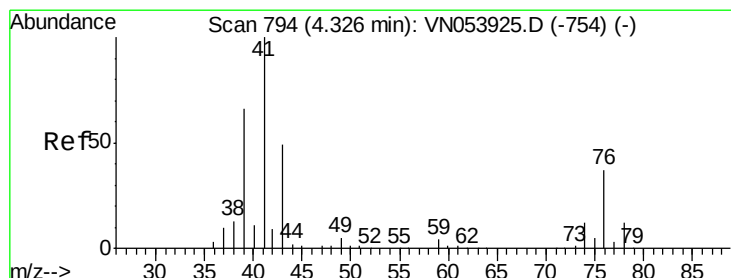
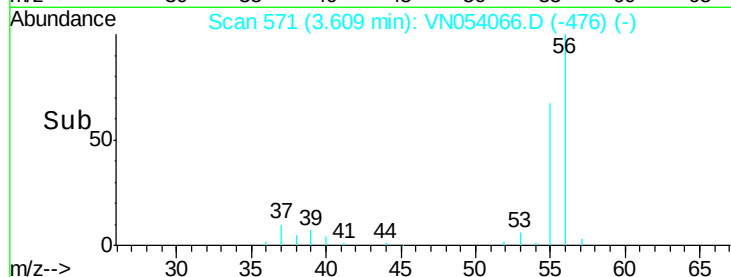
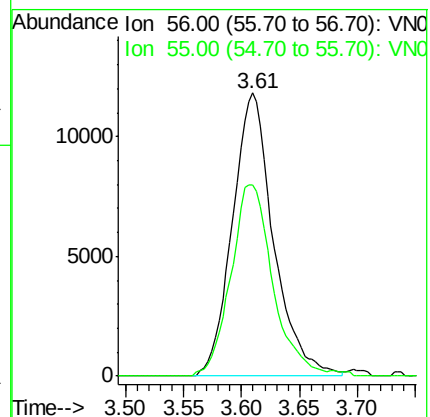
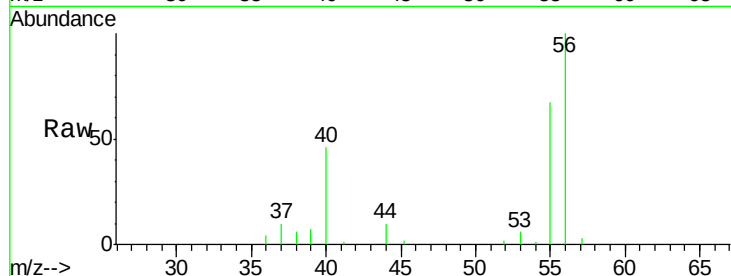
Acq: 4 Mar 2019 15:33

Tot Ion: 56 Resp: 29022

Ion Ratio Lower Upper

56 100

55 69.7 56.3 84.5



#14

Allyl chloride

Concen: 19.742 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

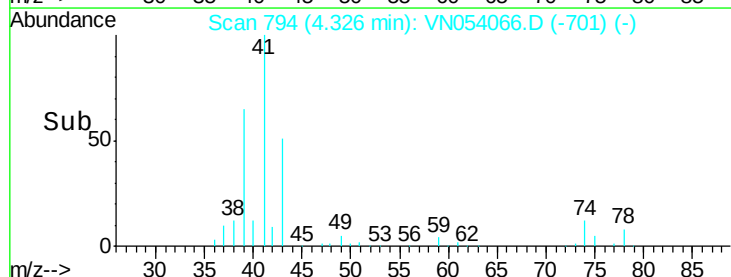
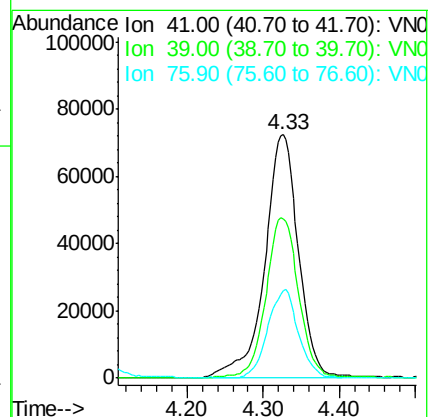
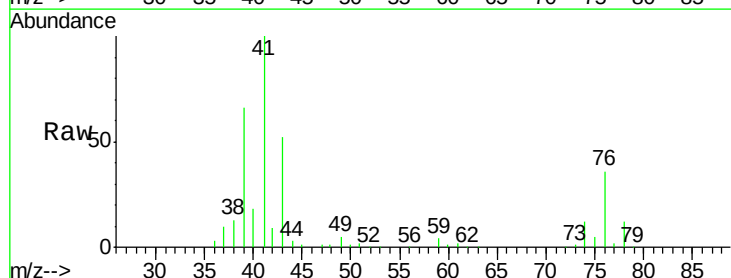
Tgt Ion: 41 Resp: 222513

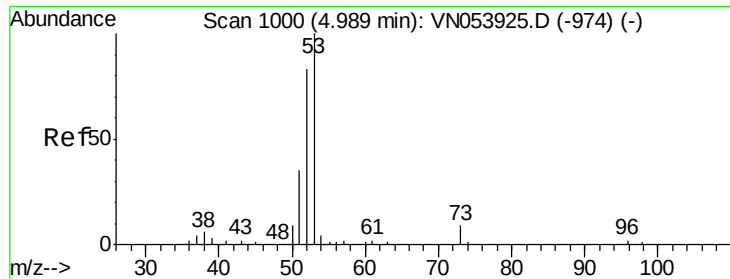
Ion Ratio Lower Upper

41 100

39 64.1 48.8 73.2

76 33.1 30.9 46.3





#15

Acrylonitrile

Concen: 99.580 ug/l

RT: 4.99 min Scan# 999

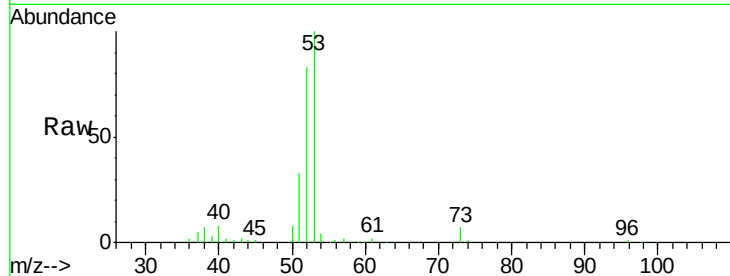
Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tot Ion: 53 Resp: 253898

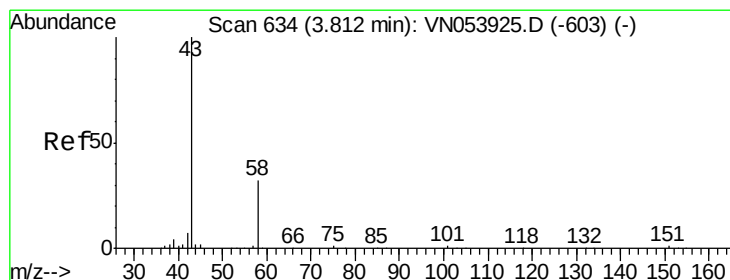
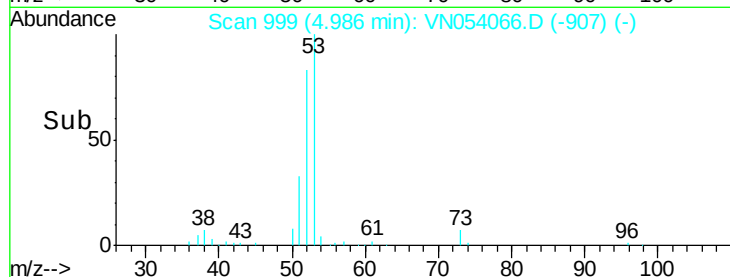
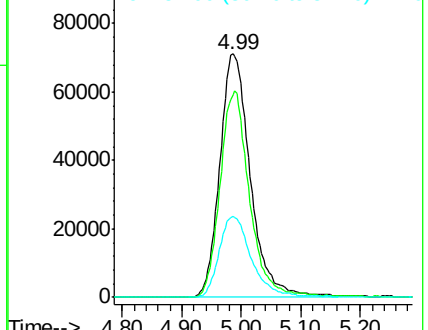
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.1	97.7
51	35.2	28.2	42.4



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: 103.078 ug/l

RT: 3.82 min Scan# 635

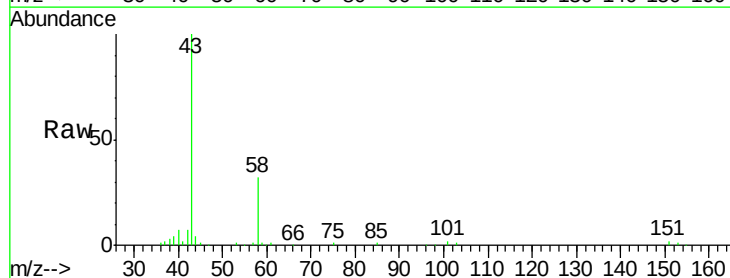
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

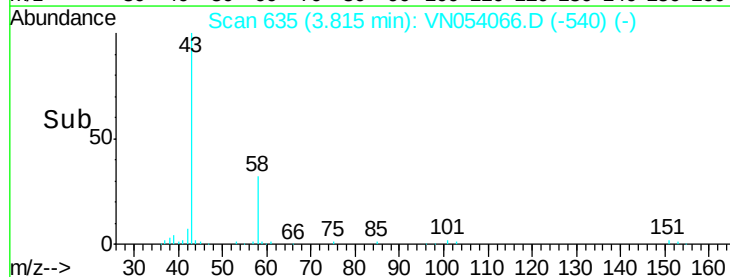
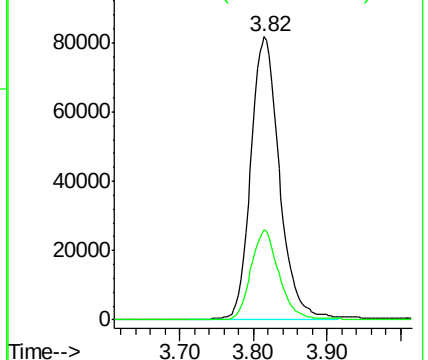
Tgt Ion: 43 Resp: 222655

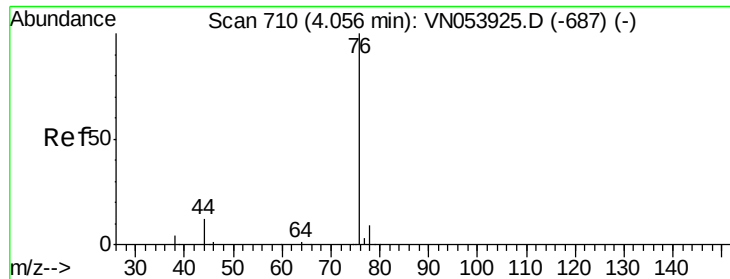
Ion	Ratio	Lower	Upper
43	100		
58	31.7	27.6	41.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.622 ug/l

RT: 4.06 min Scan# 710

Delta R.T. 0.00 min

Lab File: VN054066.D

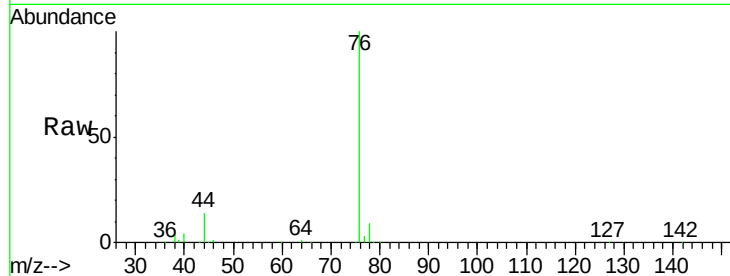
Acq: 4 Mar 2019 15:33

Tot Ion: 76 Resp: 365338

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

150000

100000

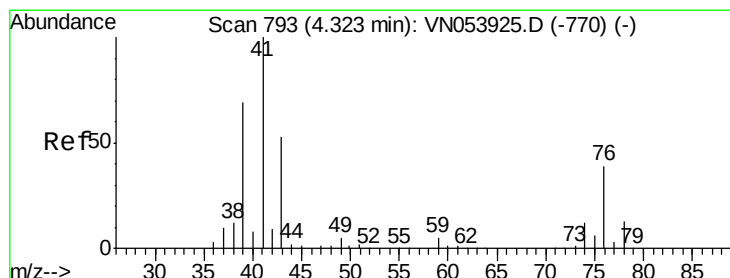
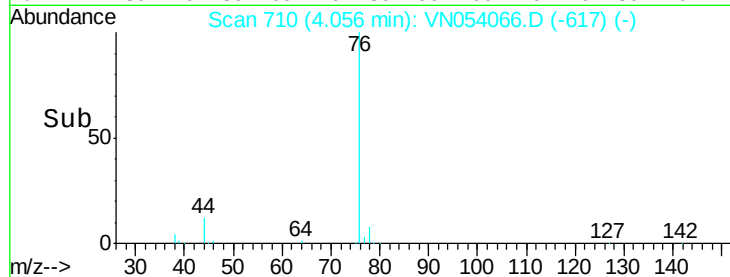
50000

0

4.06

4.00 4.10 4.20

Time-->



#18

Methyl Acetate

Concen: 21.155 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN054066.D

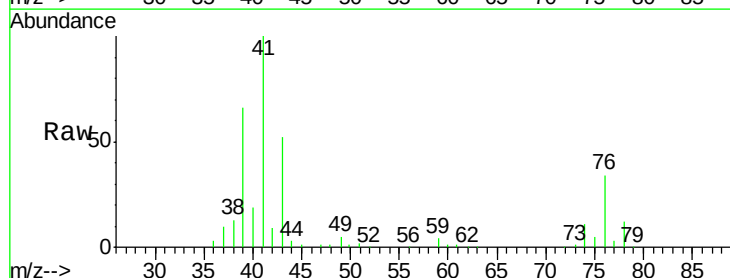
Acq: 4 Mar 2019 15:33

Tgt Ion: 43 Resp: 112881

Ion Ratio Lower Upper

43 100

74 22.3 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

40000

30000

20000

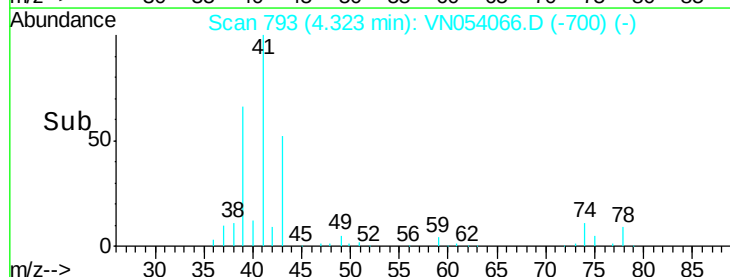
10000

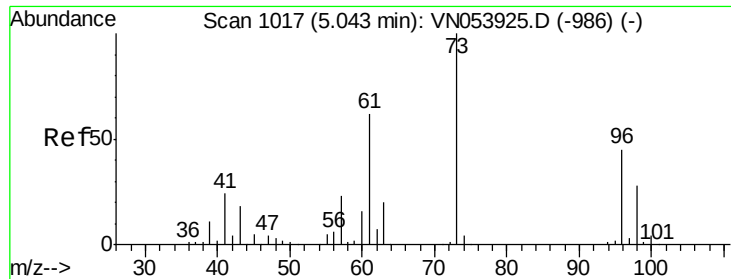
0

4.32

4.20 4.30 4.40 4.50

Time-->

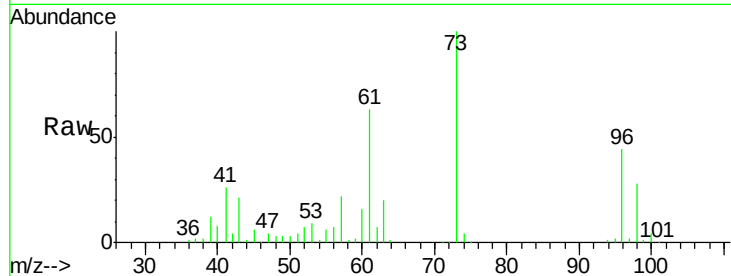




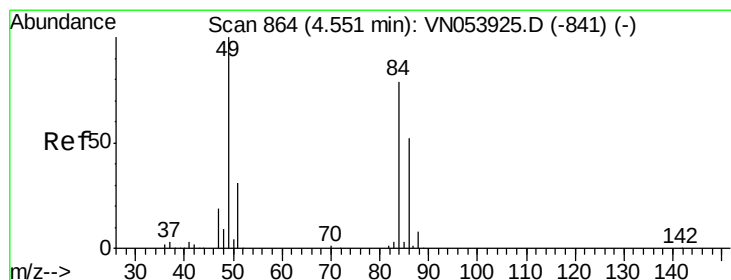
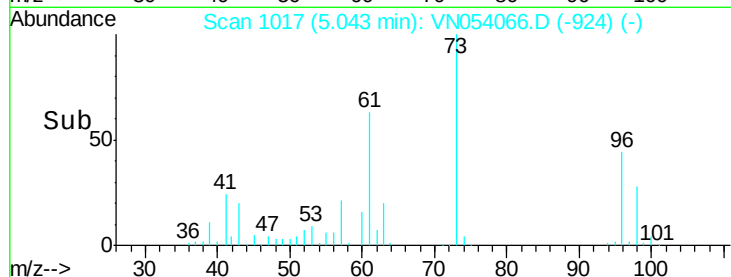
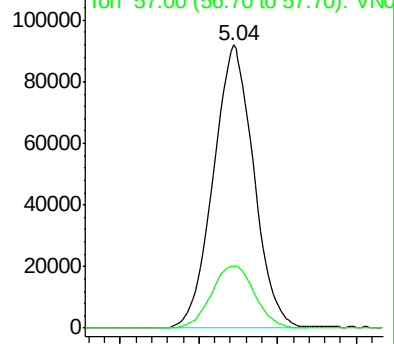
#19

Methyl tert-butyl Ether
 Concen: 19.286 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tot Ion: 73 Resp: 332468
 Ion Ratio Lower Upper
 73 100
 57 21.8 18.0 27.0



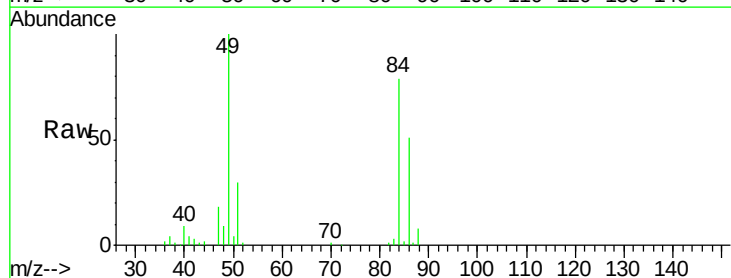
Abundance Ion 73.00 (72.70 to 73.70): VN053925.D (-986) (-)
 Ion 57.00 (56.70 to 57.70): VN053925.D (-986) (-)



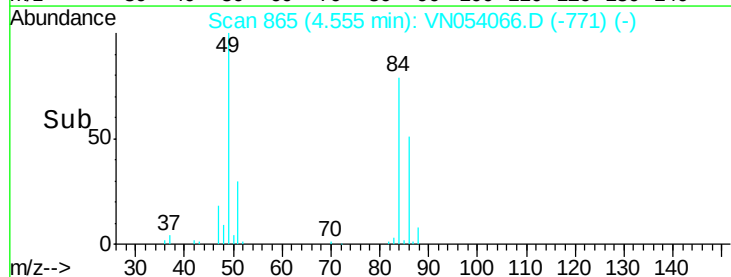
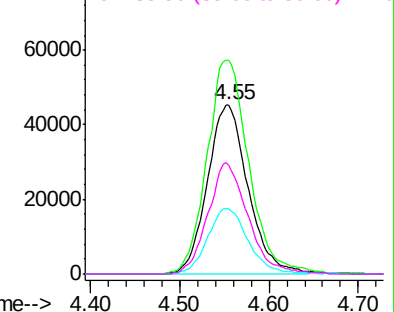
#20

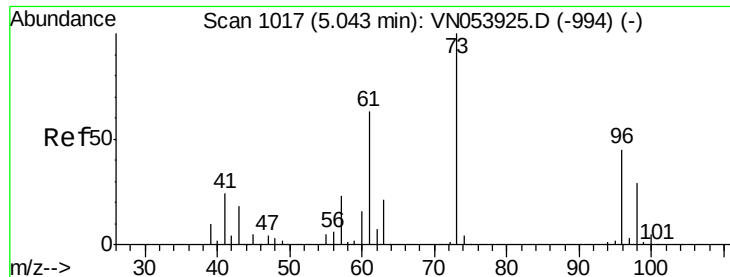
Methylene Chloride
 Concen: 19.012 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tgt Ion: 84 Resp: 143590
 Ion Ratio Lower Upper
 84 100
 49 126.1 89.7 134.5
 51 38.2 27.8 41.8
 86 64.5 51.3 76.9



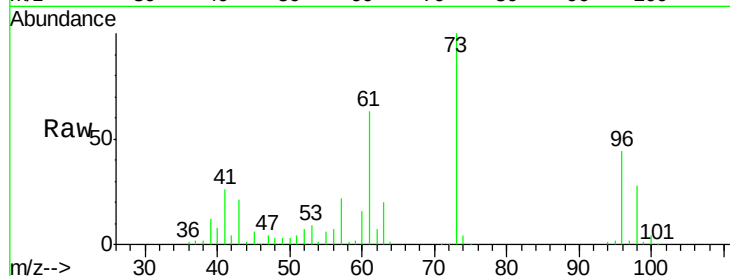
Abundance Ion 83.90 (83.60 to 84.60): VN053925.D (-841) (-)
 Ion 48.90 (48.60 to 49.60): VN053925.D (-841) (-)
 Ion 50.90 (50.60 to 51.60): VN053925.D (-841) (-)
 Ion 85.90 (85.60 to 86.60): VN053925.D (-841) (-)



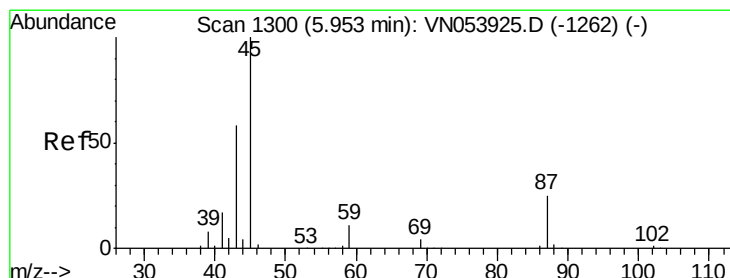
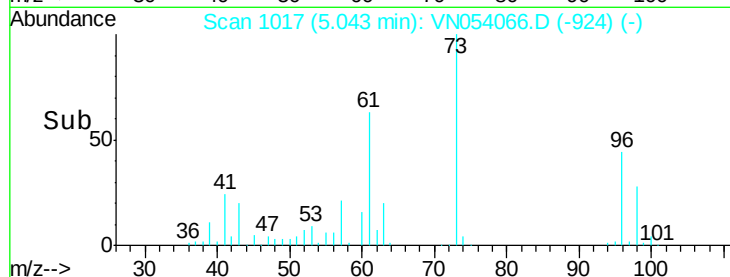
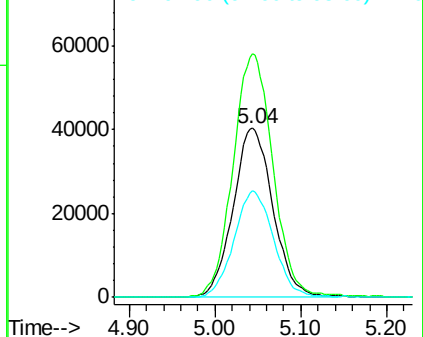


#21
trans-1,2-Dichloroethene
Concen: 18.672 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion: 96 Resp: 129873
Ion Ratio Lower Upper
96 100
61 143.7 104.5 156.7
98 62.8 50.6 76.0

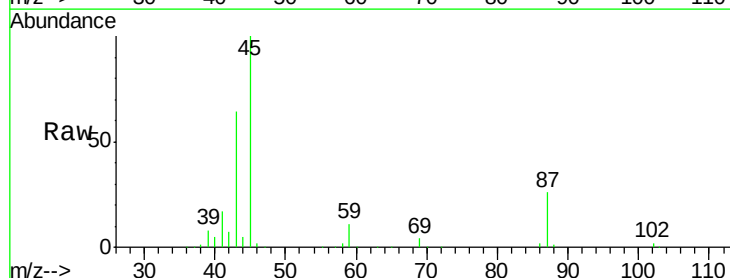


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

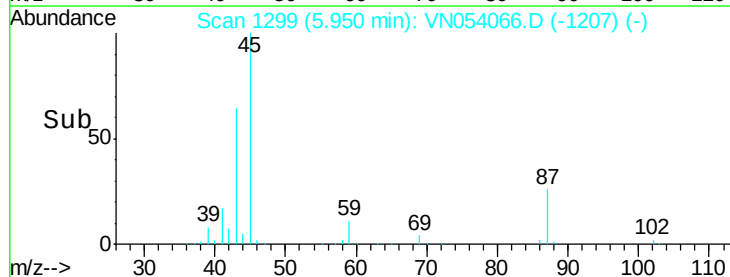
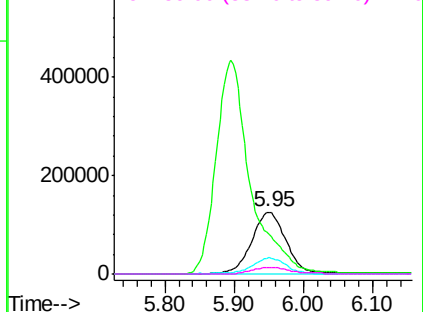


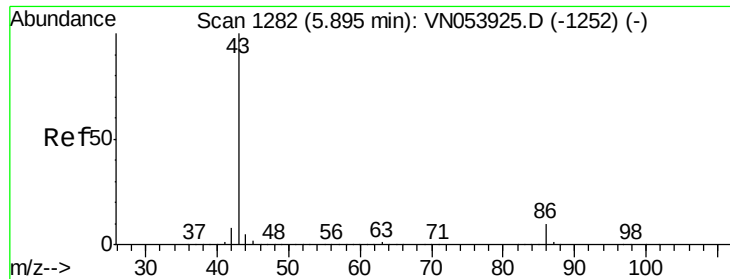
#22
Diisopropyl ether
Concen: 20.108 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion: 45 Resp: 437236
Ion Ratio Lower Upper
45 100
43 62.2 46.2 69.4
87 25.3 23.4 35.0
59 10.8 9.4 14.0



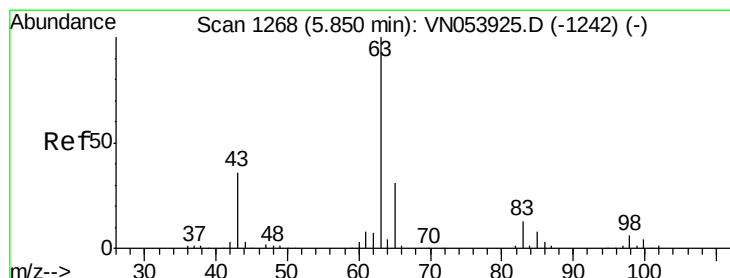
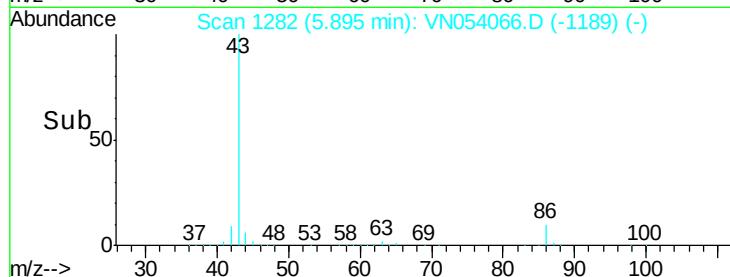
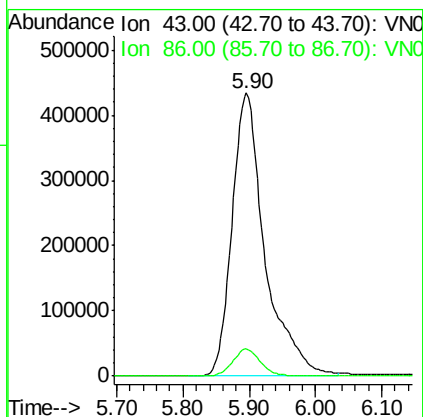
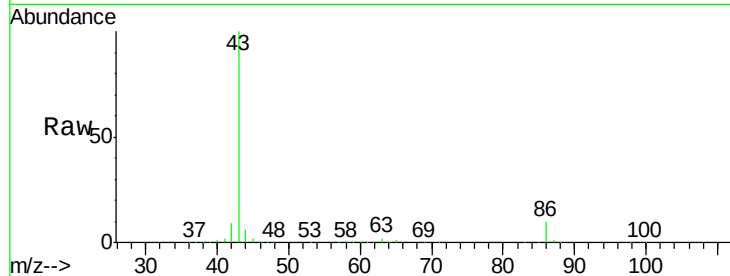
Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





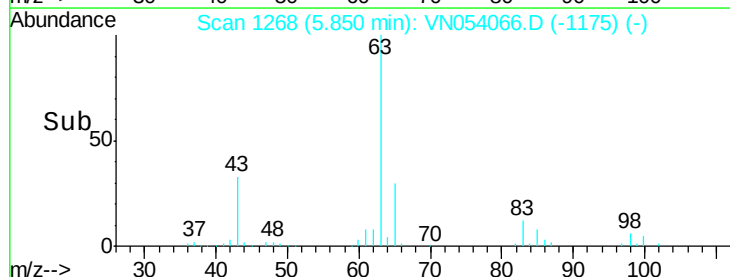
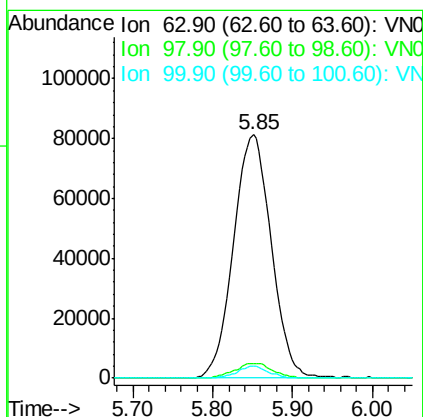
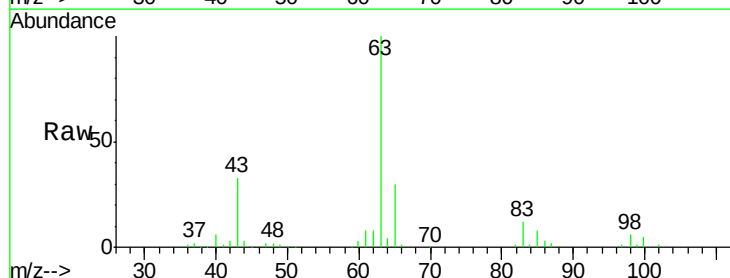
#23
 Vinyl Acetate
 Concen: 95.624 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

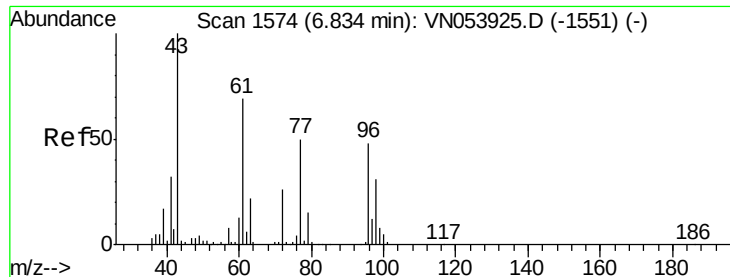
Tot Ion: 43 Resp: 1495807
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 19.488 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

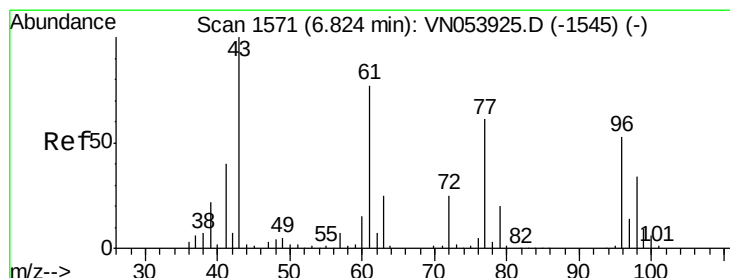
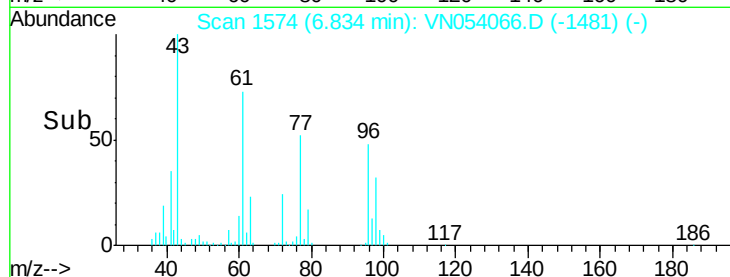
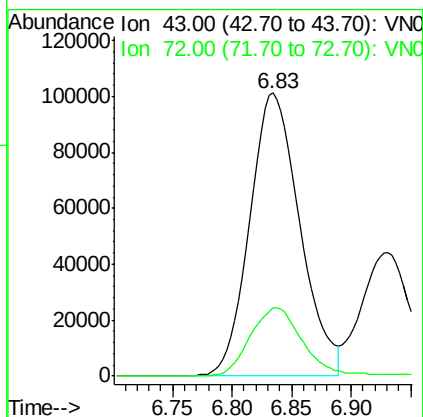
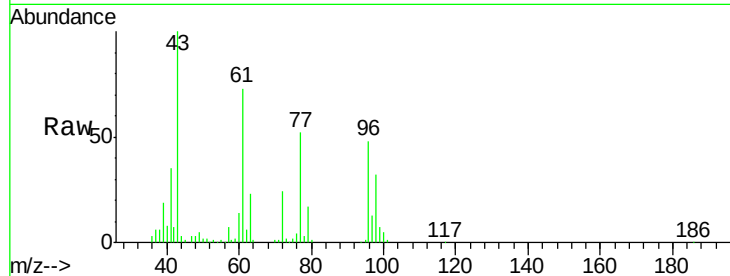
Tgt Ion: 63 Resp: 259865
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.4 10.2
 100 4.7 2.2 6.6





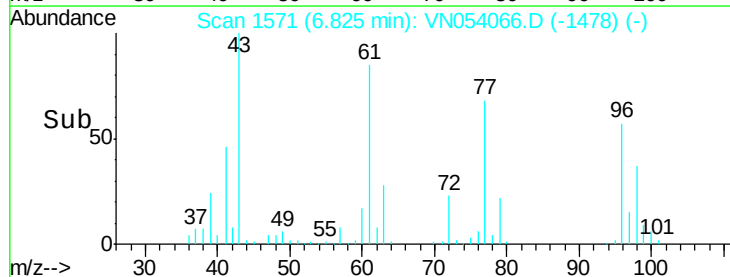
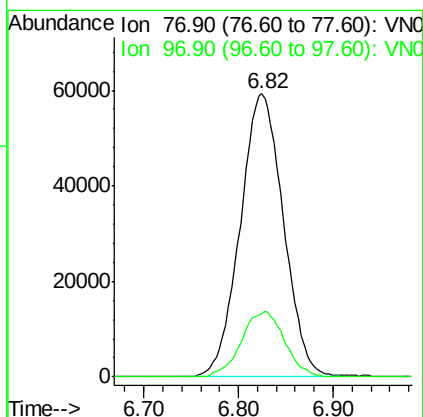
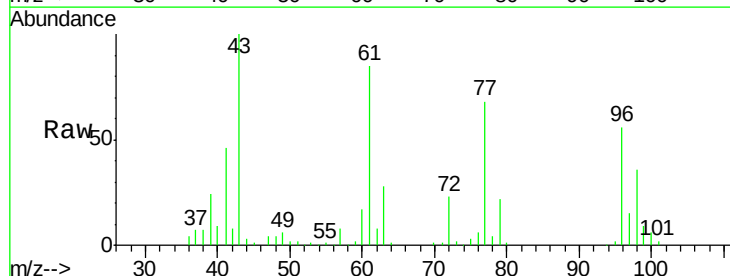
#25
2-Butanone
Concen: 98.306 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

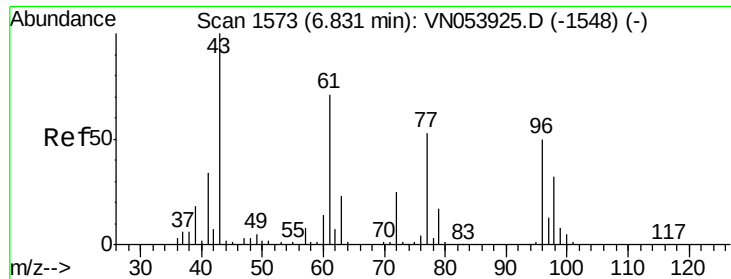
Tot Ion: 43 Resp: 294558
Ion Ratio Lower Upper
43 100
72 24.0 22.1 33.1



#26
2,2-Dichloropropane
Concen: 19.854 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion: 77 Resp: 188087
Ion Ratio Lower Upper
77 100
97 23.0 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.432 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

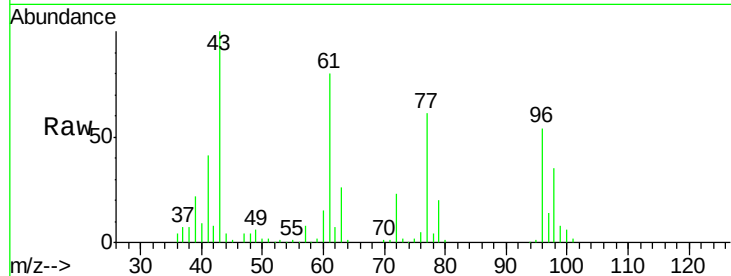
Tot Ion: 96 Resp: 150315

Ion Ratio Lower Upper

96 100

61 148.9 0.0 275.6

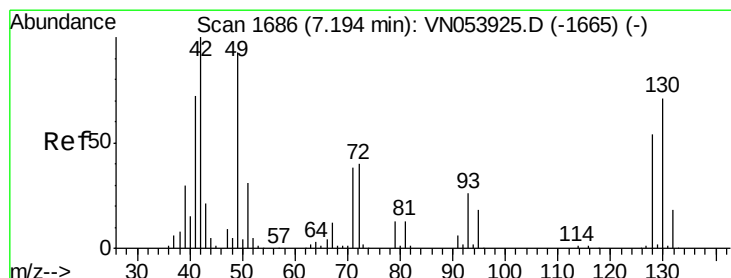
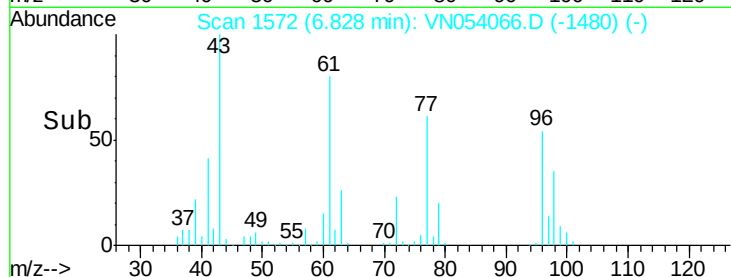
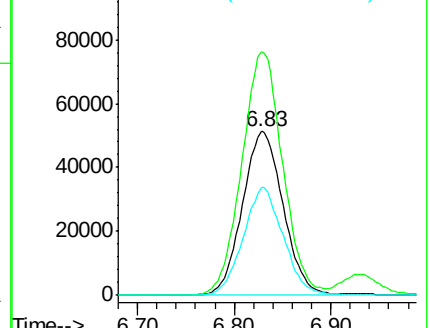
98 64.7 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN054066.D (-1548) (-)

Ion 60.90 (60.60 to 61.60): VN054066.D (-1548) (-)

Ion 97.90 (97.60 to 98.60): VN054066.D (-1548) (-)



#28

Bromochloromethane

Concen: 21.189 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

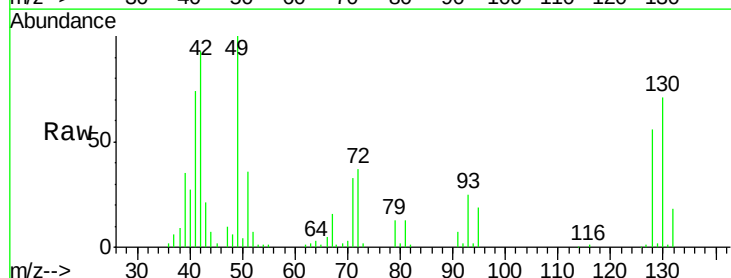
Tgt Ion: 49 Resp: 129332

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

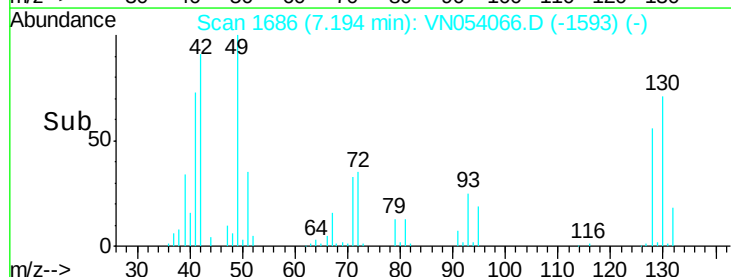
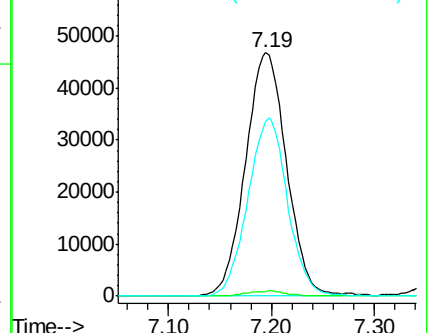
130 70.7 72.9 109.3#

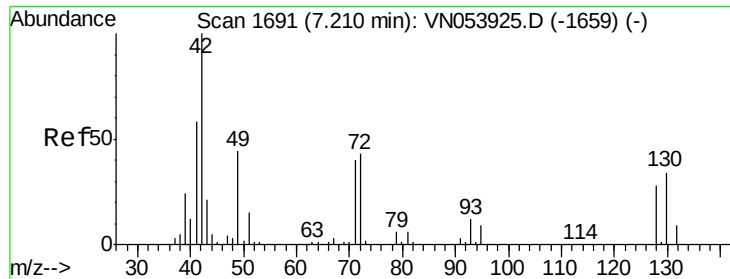


Abundance Ion 48.90 (48.60 to 49.60): VN054066.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN054066.D (-1593) (-)

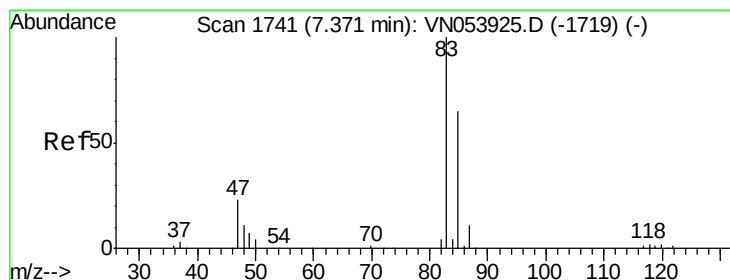
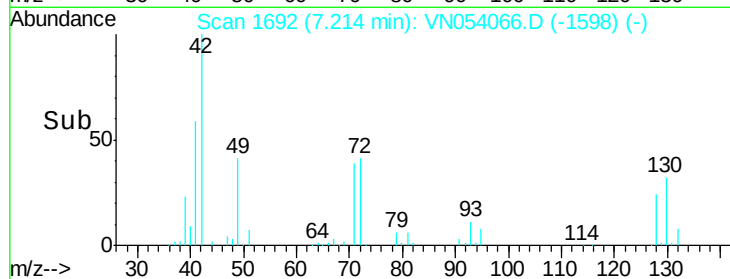
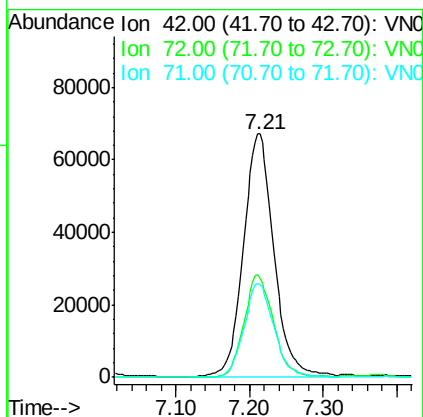
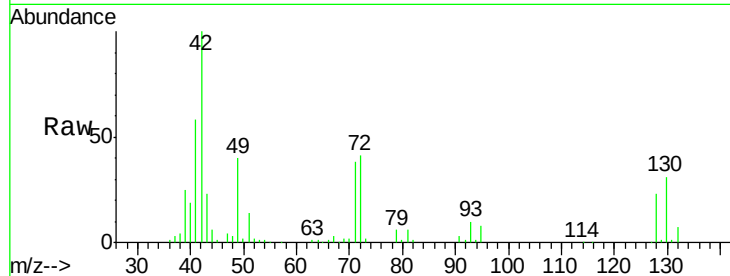
Ion 129.80 (129.50 to 130.50): VN054066.D (-1593) (-)





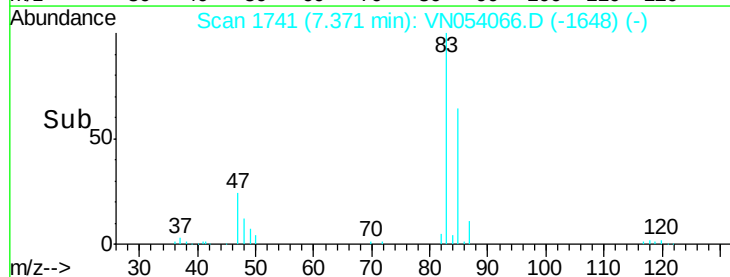
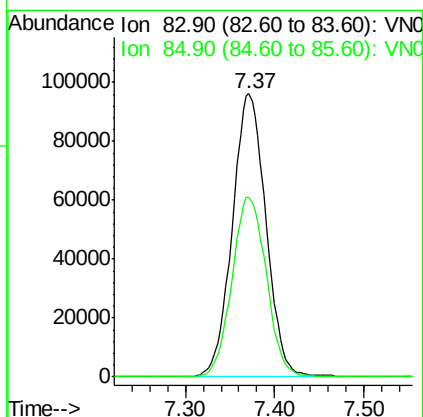
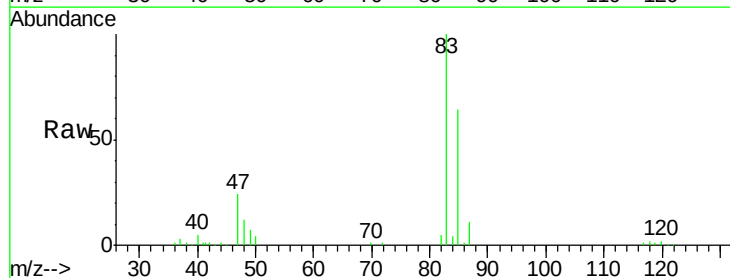
#29
Tetrahydrofuran
Concen: 97.557 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

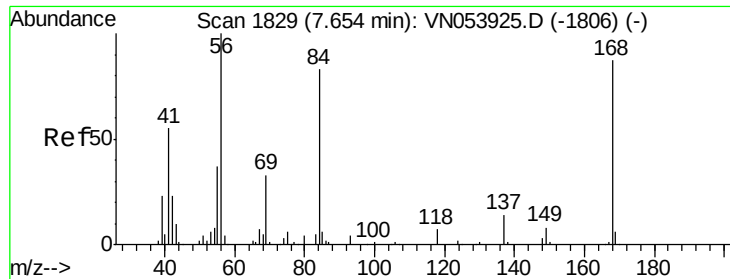
Tot Ion: 42 Resp: 194663
Ion Ratio Lower Upper
42 100
72 40.1 36.9 55.3
71 37.5 34.6 52.0



#30
Chloroform
Concen: 19.467 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

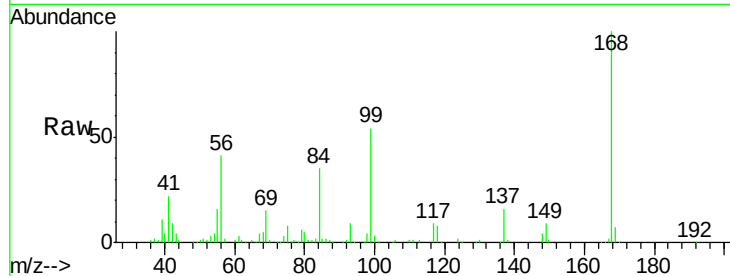
Tgt Ion: 83 Resp: 251714
Ion Ratio Lower Upper
83 100
85 63.5 52.6 78.8



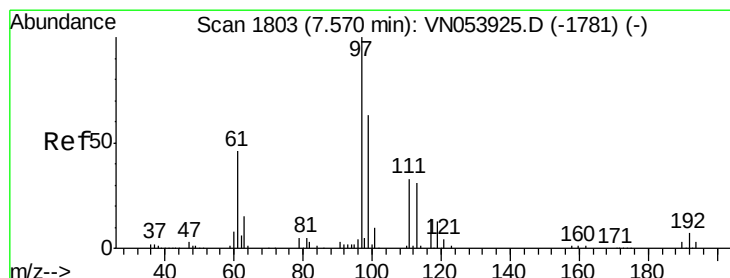
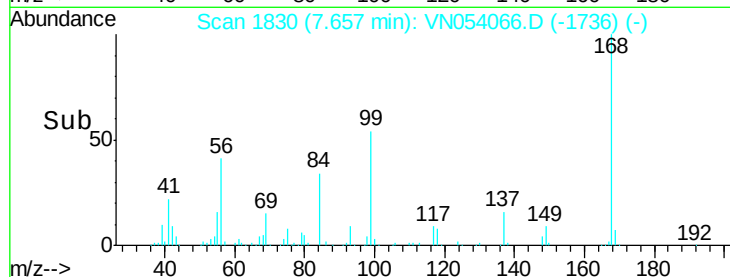
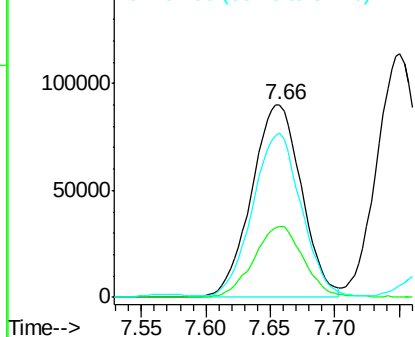


#31
Cyclohexane
Concen: 19.685 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion: 56 Resp: 243257
Ion Ratio Lower Upper
56 100
69 37.0 26.0 39.0
84 84.2 69.1 103.7

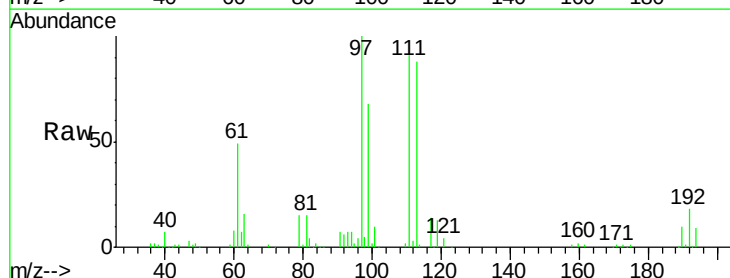


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

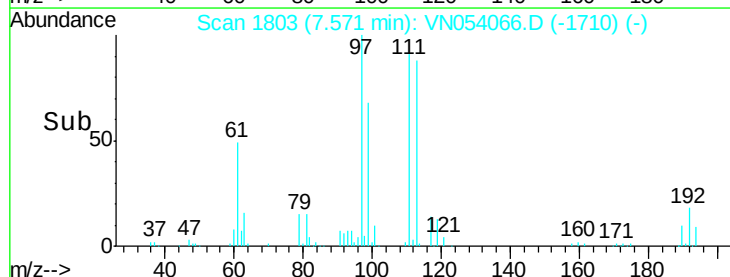
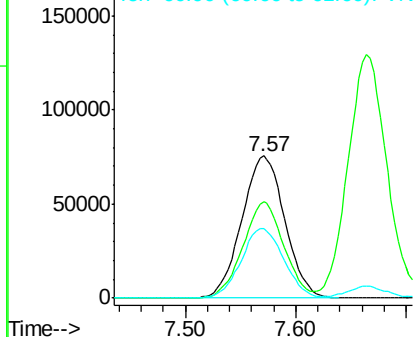


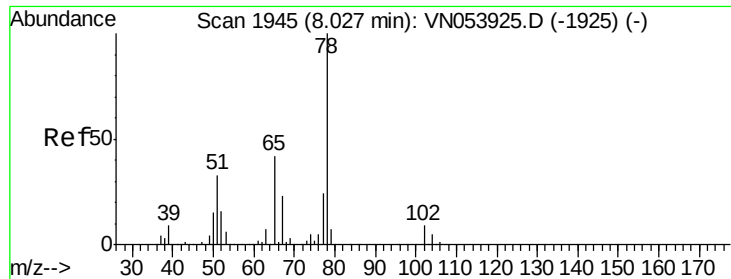
#32
1,1,1-Trichloroethane
Concen: 19.159 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion: 97 Resp: 204255
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.8
61 48.7 33.2 49.8



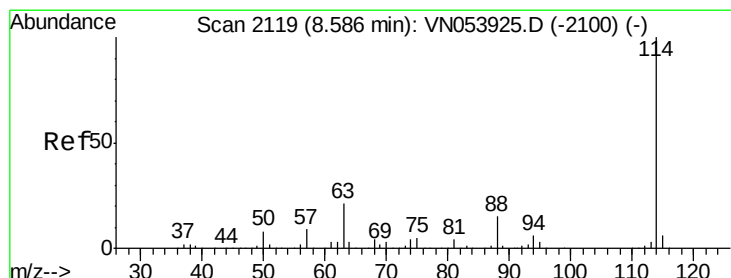
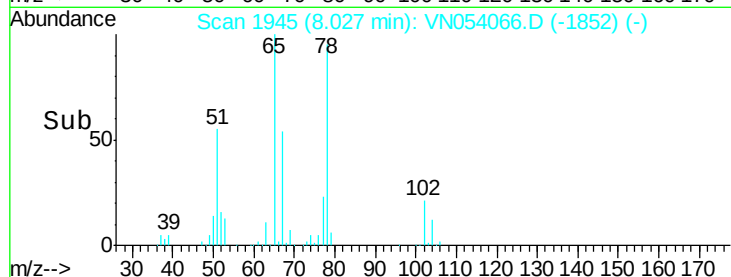
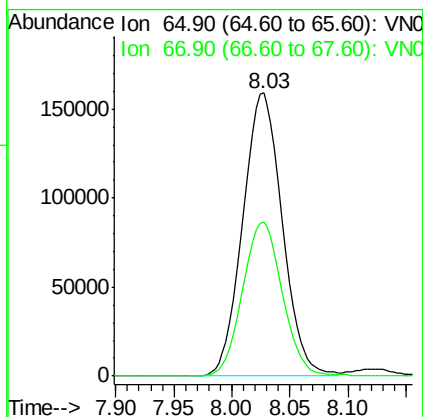
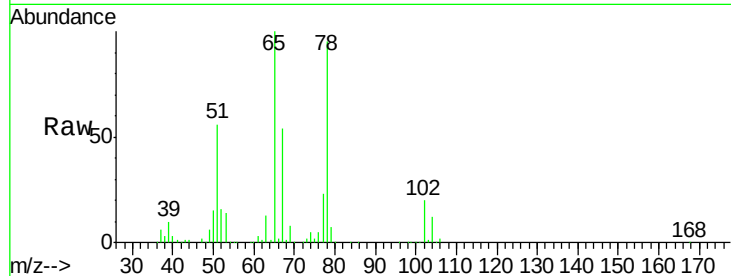
Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





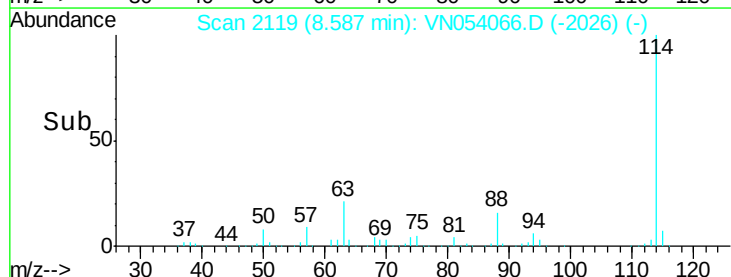
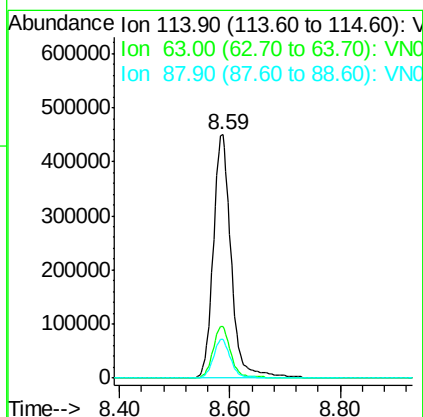
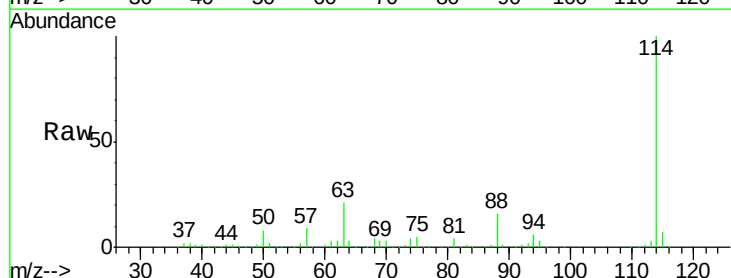
#33
 1,2-Dichloroethane-d4
 Concen: 49.533 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

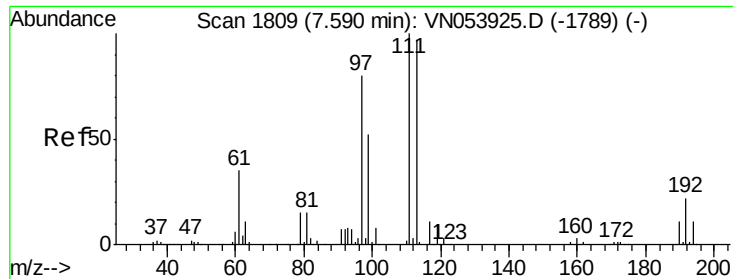
Tot Ion: 65 Resp: 377995
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

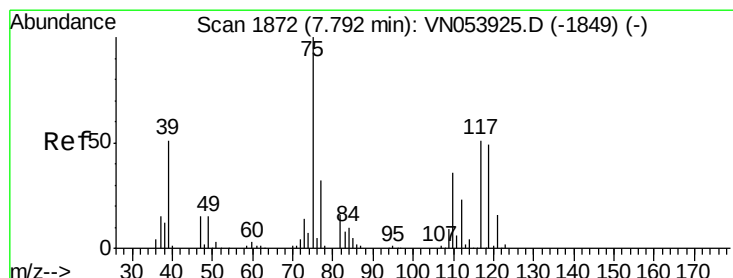
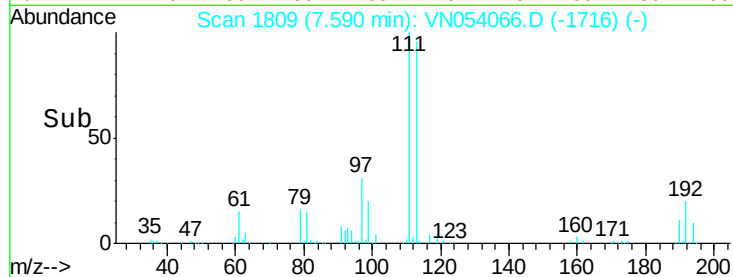
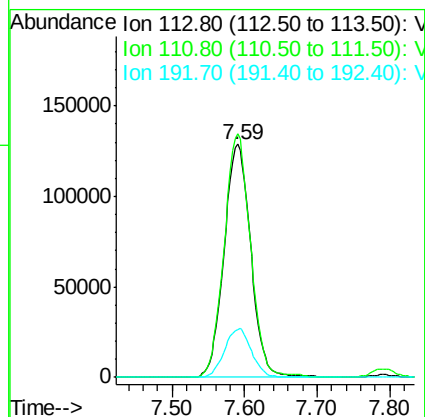
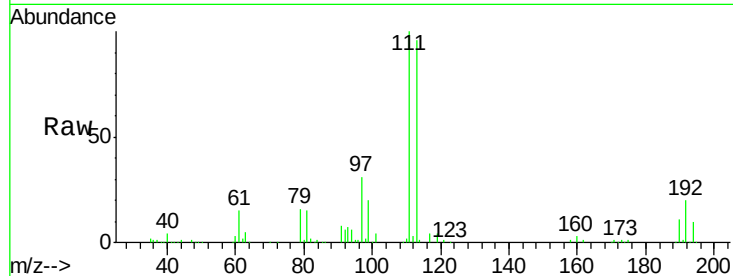
Tgt Ion: 114 Resp: 1011595
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 15.8 0.0 30.4





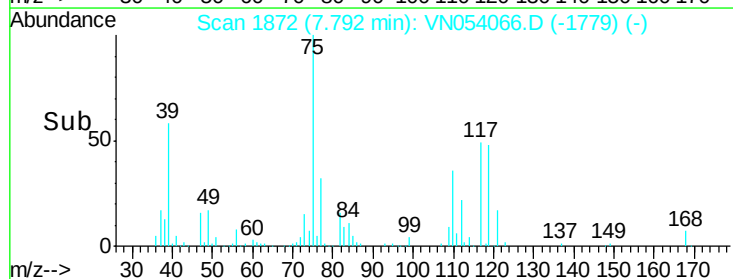
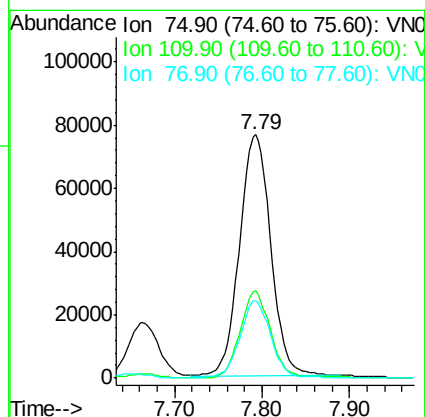
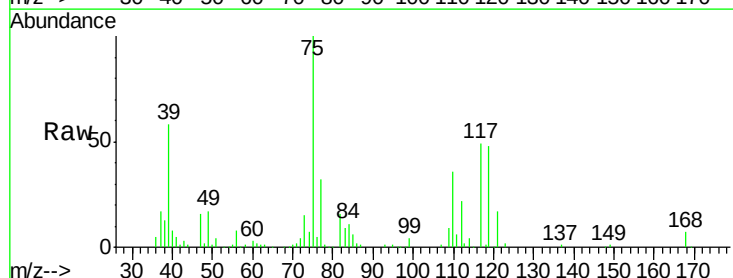
#35
 Dibromofluoromethane
 Concen: 50.418 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

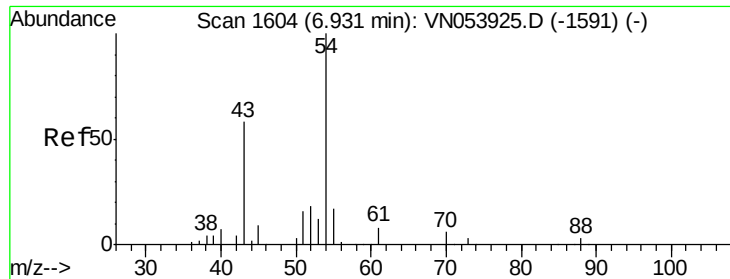
Tot Ion:113 Resp: 329815
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.1 121.7
 192 21.0 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 20.328 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

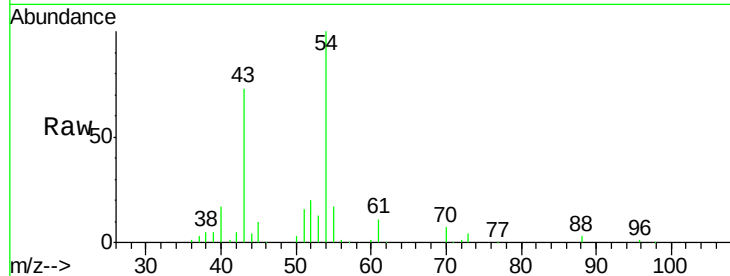
Tgt Ion: 75 Resp: 191235
 Ion Ratio Lower Upper
 75 100
 110 34.8 19.0 57.0
 77 31.7 25.4 38.0



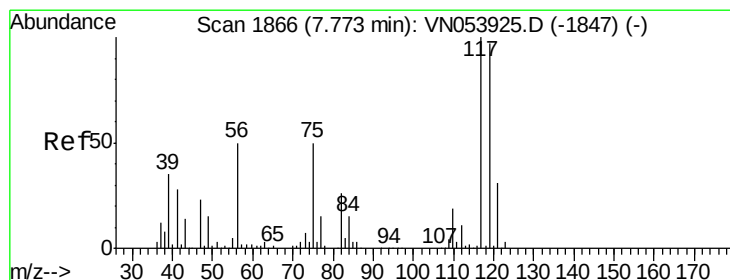
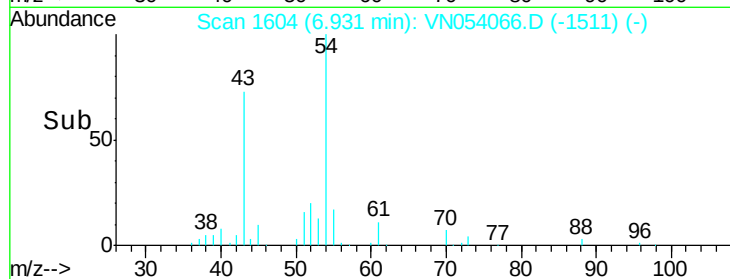
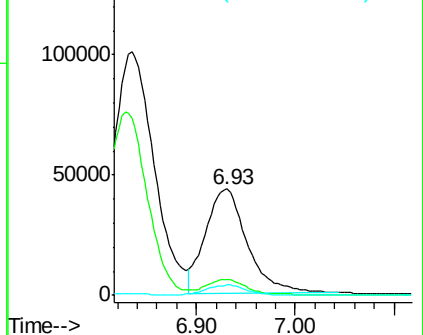


#37
Ethyl Acetate
Concen: 19.099 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion: 43 Resp: 128292
Ion Ratio Lower Upper
43 100
61 14.9 12.0 18.0
70 9.6 8.7 13.1

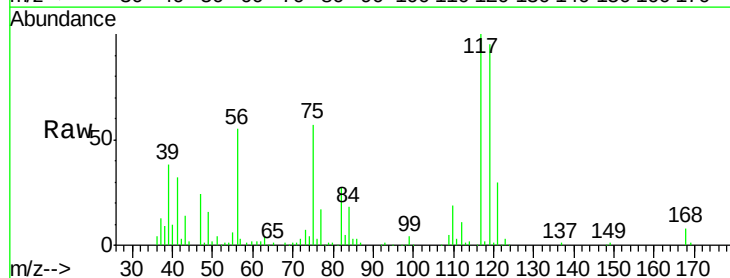


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

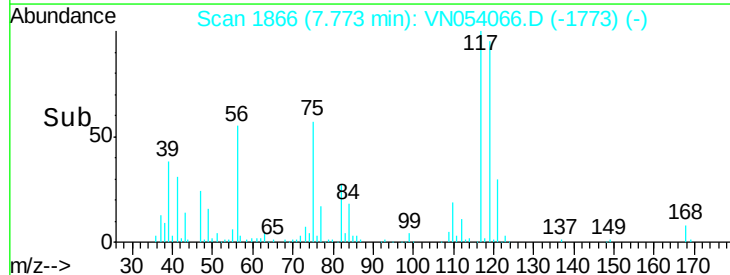
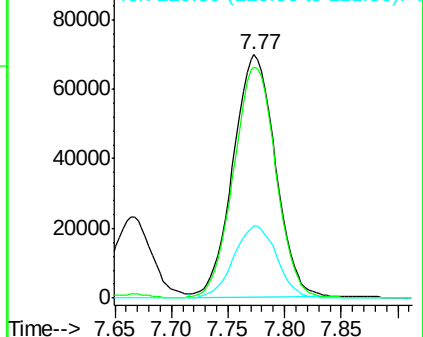


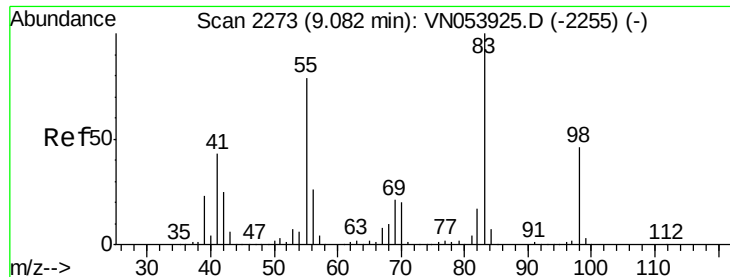
#38
Carbon Tetrachloride
Concen: 18.462 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion: 117 Resp: 180629
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2
121 29.7 24.6 36.8



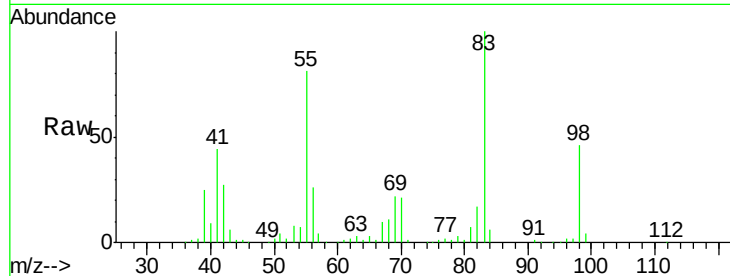
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39
Methylvlcyclohexane
Concen: 19.676 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

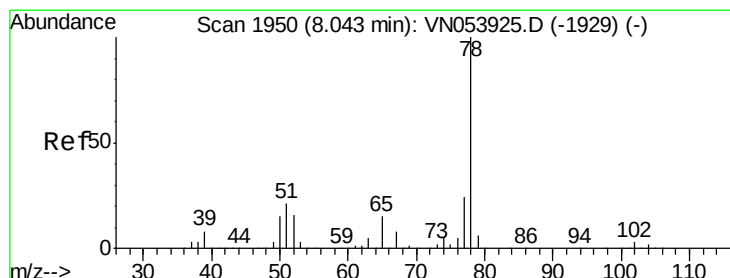
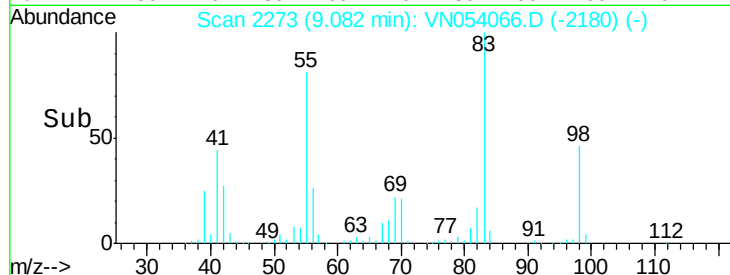
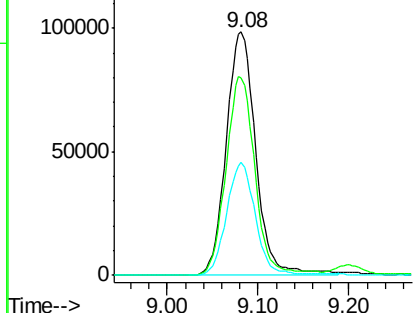
Tot Ion	83	Resp	223108
Ion Ratio	Lower	Upper	
83	100		
55	81.3	58.2	87.4
98	46.2	37.2	55.8



Abundance Ion 83.00 (82.70 to 83.70): VN053925.D (-2255) (-)

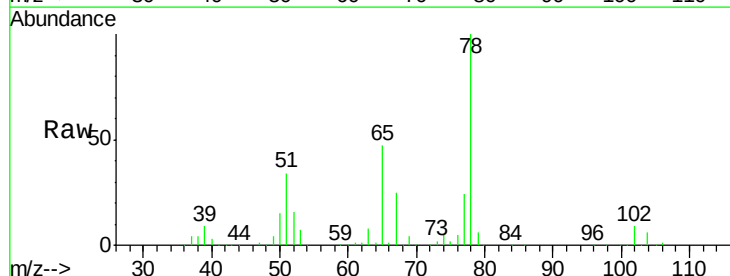
Ion 55.00 (54.70 to 55.70): VN053925.D (-2255) (-)

Ion 98.00 (97.70 to 98.70): VN053925.D (-2255) (-)



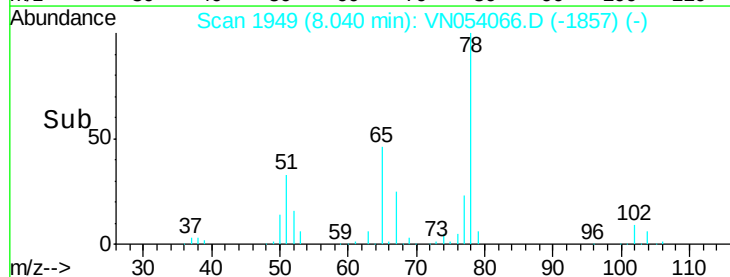
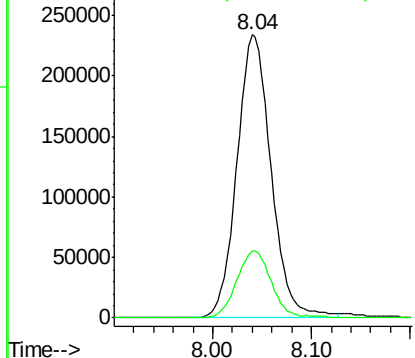
#40
Benzene
Concen: 19.467 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

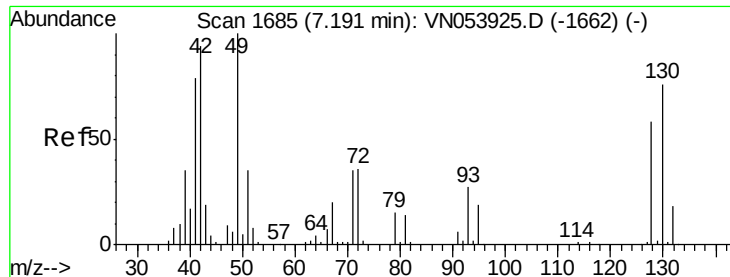
Tgt Ion	78	Resp	562608
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.8	28.2



Abundance Ion 78.00 (77.70 to 78.70): VN053925.D (-1929) (-)

Ion 77.00 (76.70 to 77.70): VN053925.D (-1929) (-)





#41

Methacrylonitrile

Concen: 14.180 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.02 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tot Ion: 41 Resp: 61333

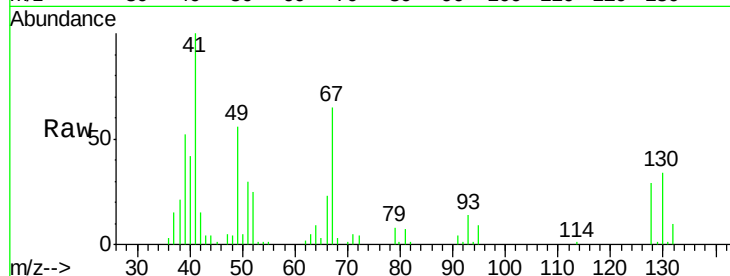
Ion Ratio Lower Upper

41 100

39 63.2 0.0 0.0#

67 89.5 0.0 0.0#

52 36.2 0.0 0.0#

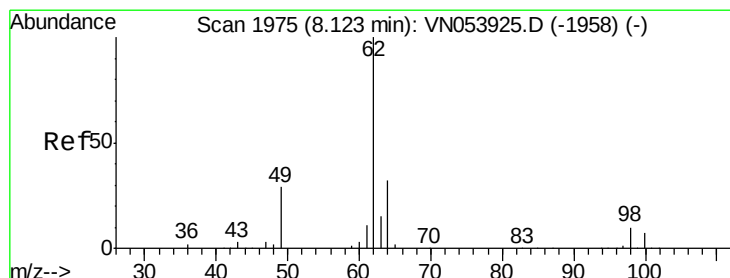
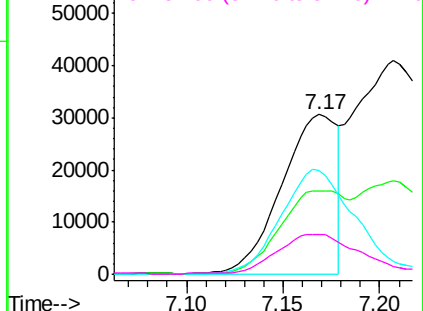
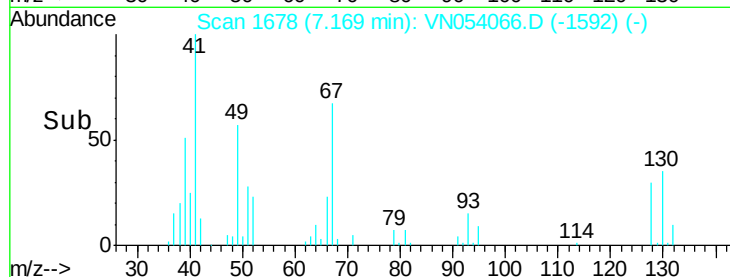


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.625 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN054066.D

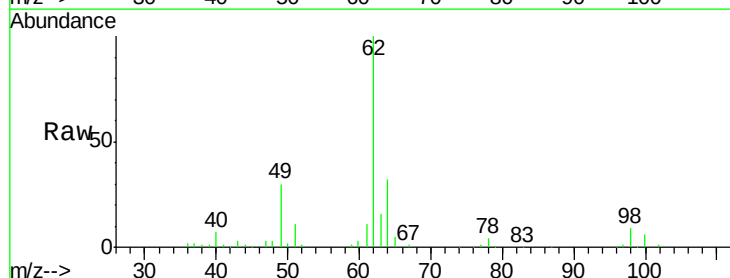
Acq: 4 Mar 2019 15:33

Tgt Ion: 62 Resp: 184536

Ion Ratio Lower Upper

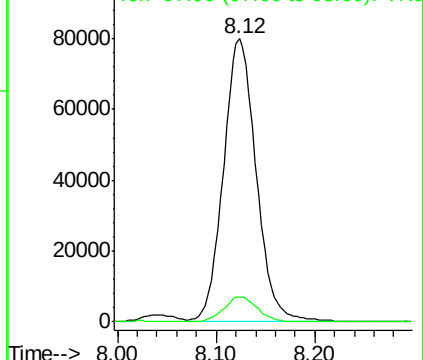
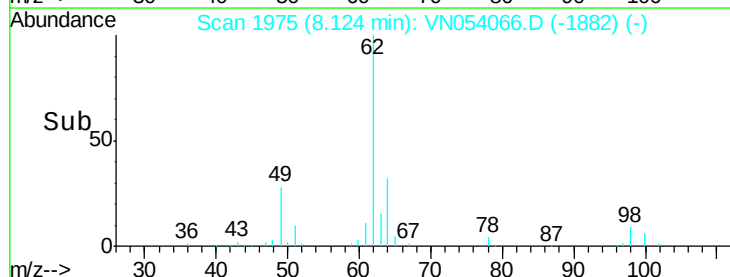
62 100

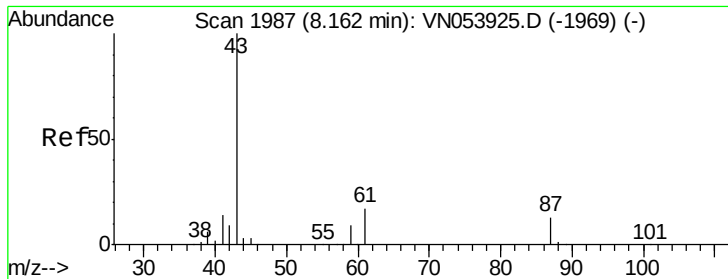
98 9.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 18.820 ug/l

RT: 8.16 min Scan# 1987

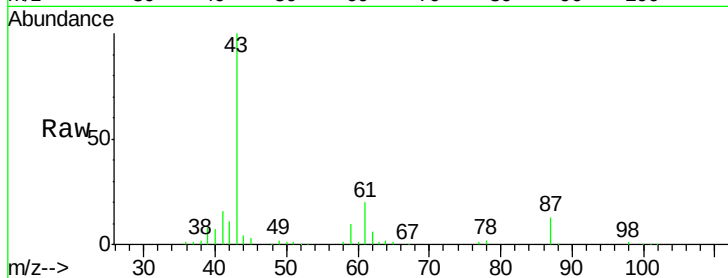
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tot Ion: 43 Resp: 213449

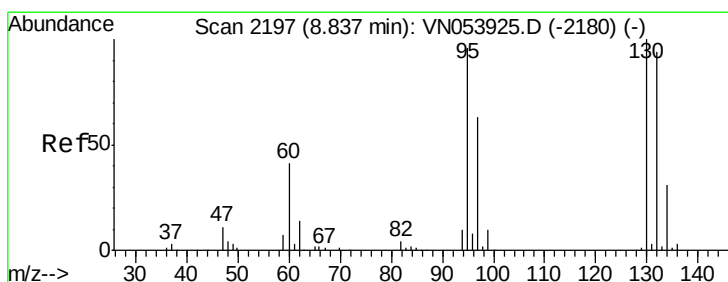
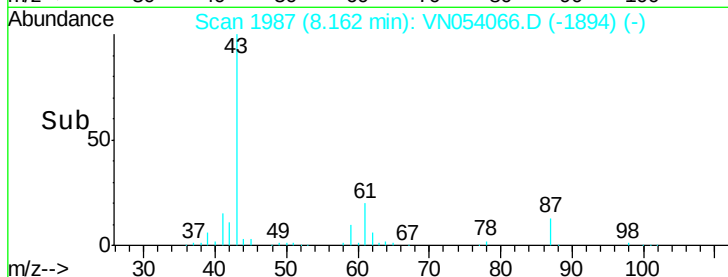
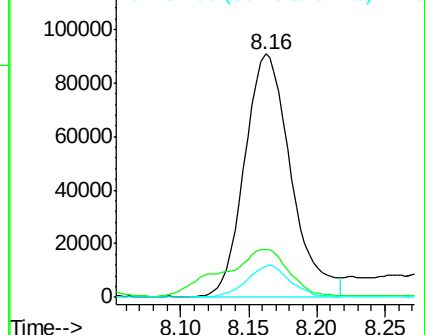
Ion	Ratio	Lower	Upper
43	100		
61	27.9	17.4	26.0#
87	12.4	11.5	17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)



#44

Trichloroethene

Concen: 19.027 ug/l

RT: 8.83 min Scan# 2196

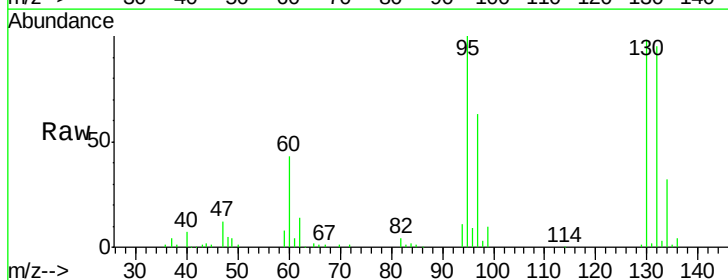
Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

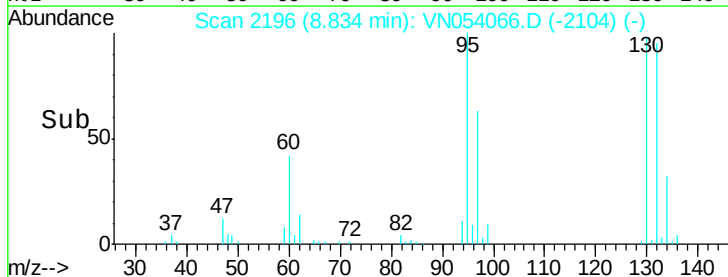
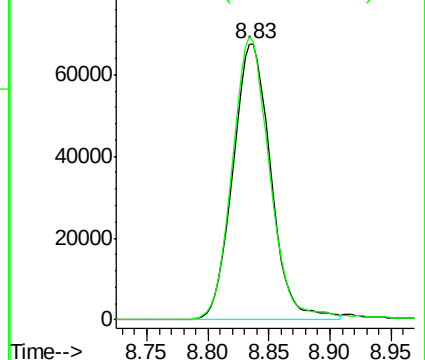
Tgt Ion: 130 Resp: 145778

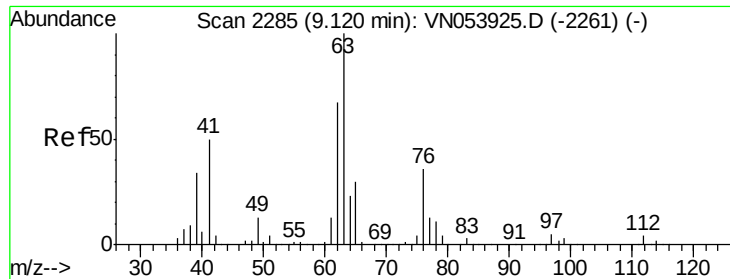
Ion	Ratio	Lower	Upper
130	100		
95	102.1	0.0	190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053925.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN053925.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.115 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN054066.D

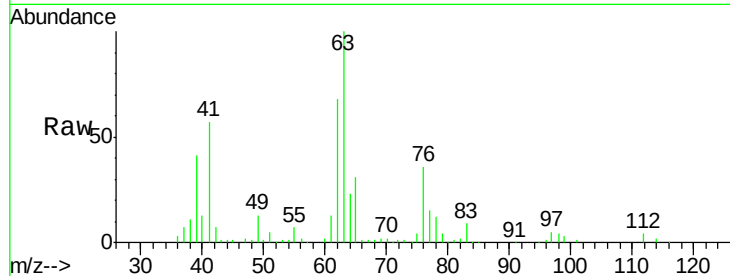
Acq: 4 Mar 2019 15:33

Tot Ion: 63 Resp: 156838

Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN053925.D (-2261) (-)

Ion 64.90 (64.60 to 65.60): VN053925.D (-2261) (-)

80000

60000

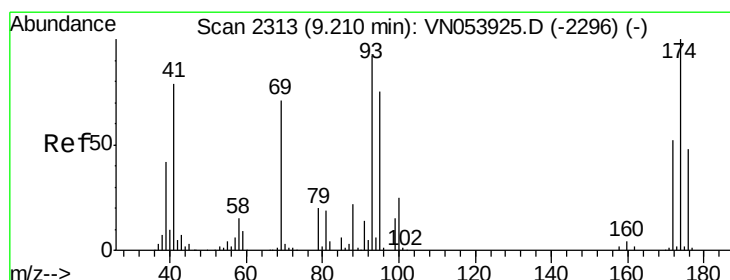
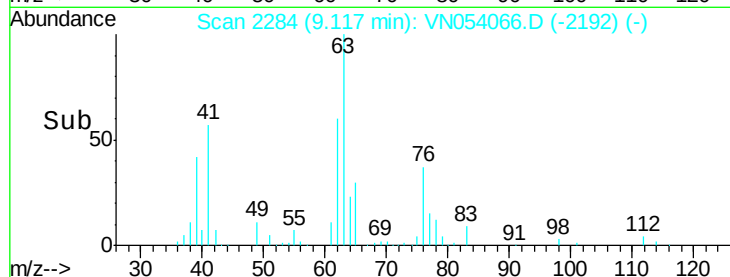
40000

20000

0

9.00 9.10 9.20

Time-->



#46

Dibromomethane

Concen: 19.447 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

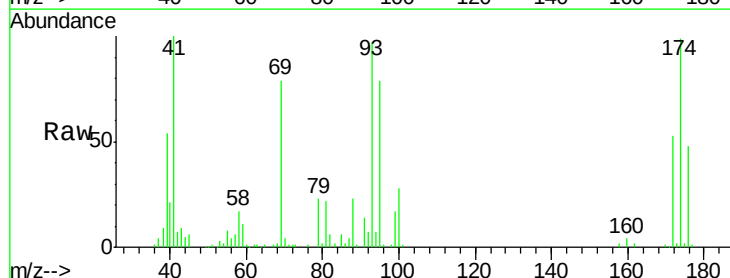
Tgt Ion: 93 Resp: 88030

Ion Ratio Lower Upper

93 100

95 84.8 66.6 100.0

174 105.4 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN053925.D (-2296) (-)

Ion 94.80 (94.50 to 95.50): VN053925.D (-2296) (-)

Ion 173.70 (173.40 to 174.40): VN053925.D (-2296) (-)

60000

50000

40000

30000

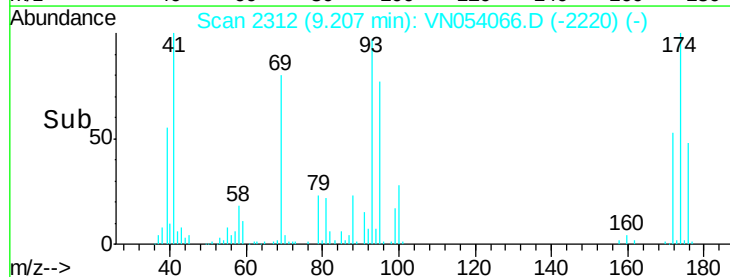
20000

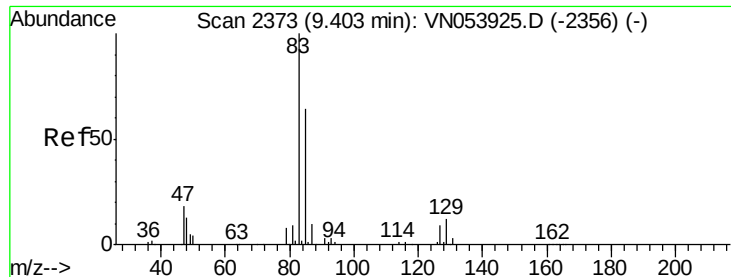
10000

0

9.15 9.20 9.25 9.30

Time-->





#47

Bromodichloromethane

Concen: 19.681 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

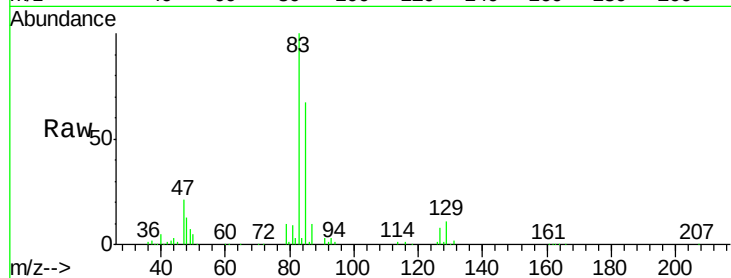
Tot Ion: 83 Resp: 187745

Ion Ratio Lower Upper

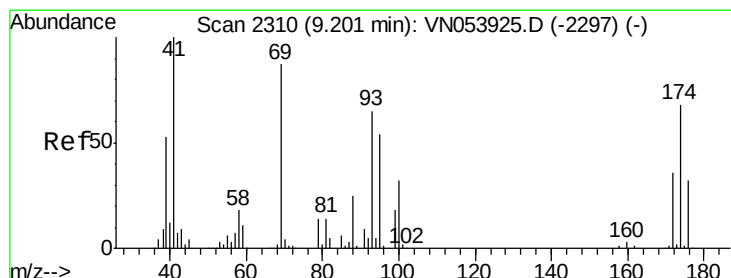
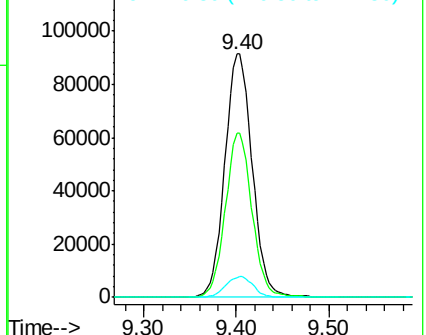
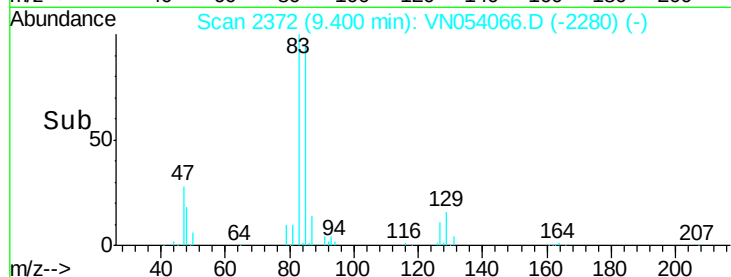
83 100

85 67.2 51.8 77.6

127 8.2 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN054066.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.631 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

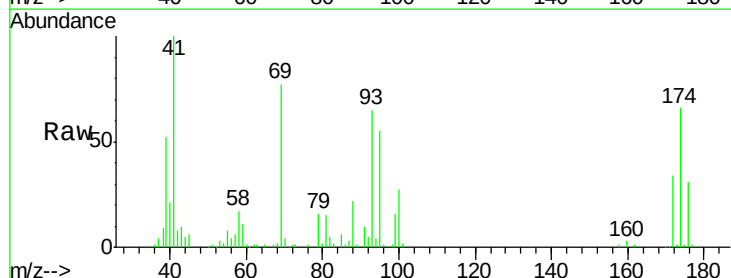
Tgt Ion: 41 Resp: 102411

Ion Ratio Lower Upper

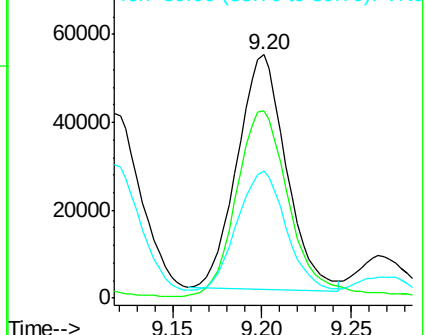
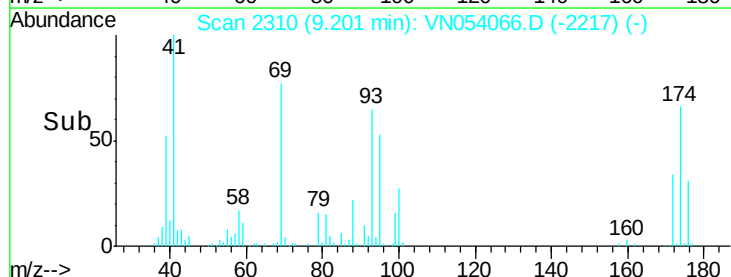
41 100

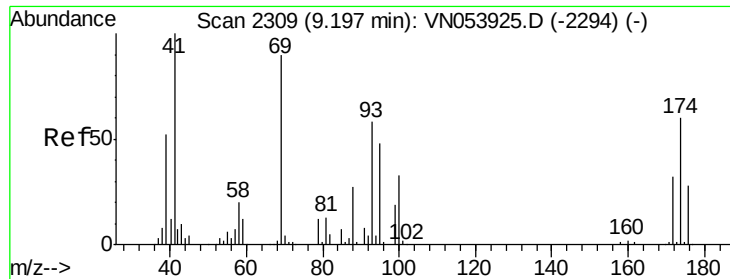
69 89.0 74.8 112.2

39 57.5 39.0 58.6



Abundance Ion 41.00 (40.70 to 41.70): VN054066.D (-2217) (-)





#49

1,4-Dioxane

Concen: 388.703 ug/l

RT: 9.20 min Scan# 2309

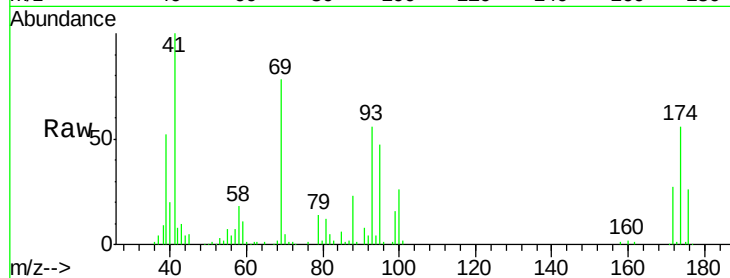
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tot Ion: 88 Resp: 27465

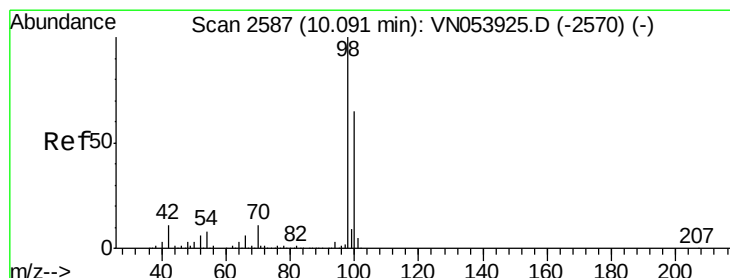
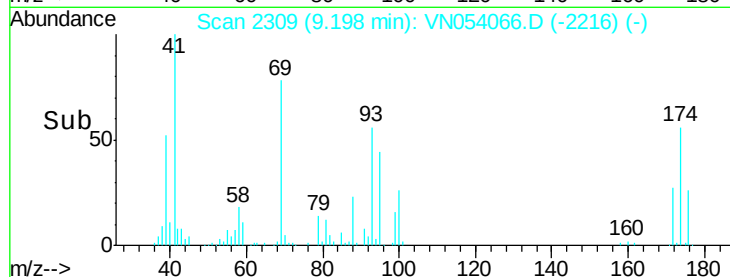
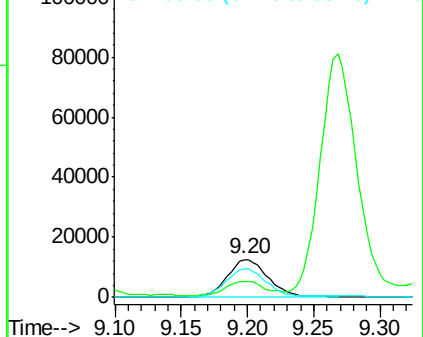
Ion	Ratio	Lower	Upper
88	100		
43	35.4	21.2	31.8#
58	75.2	54.2	81.2



Abundance Ion 88.00 (87.70 to 88.70): VN054066.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN054066.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN054066.D (-2216) (-)



#50

Toluene-d8

Concen: 49.471 ug/l

RT: 10.09 min Scan# 2587

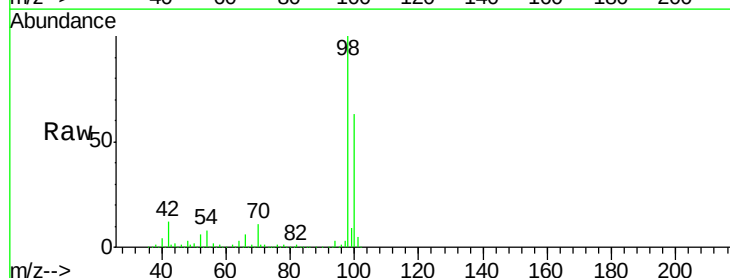
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

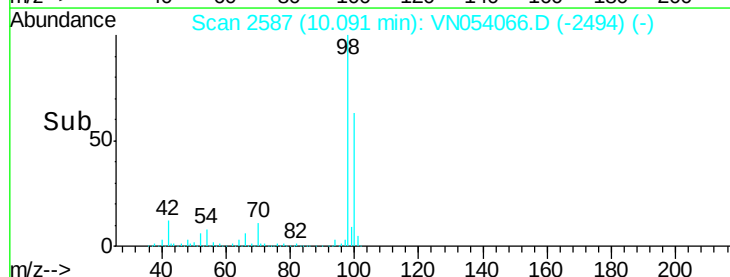
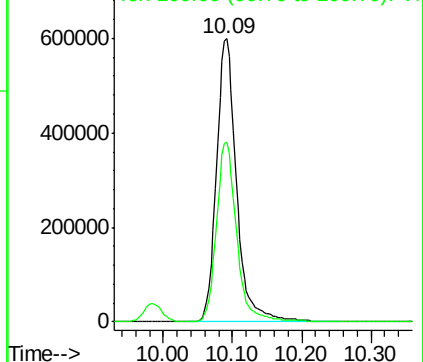
Tgt Ion: 98 Resp: 1204683

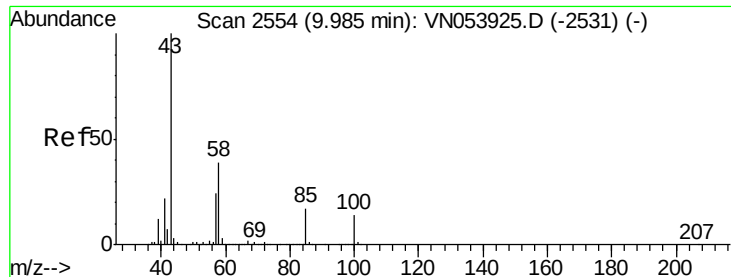
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN054066.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054066.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 98.829 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN054066.D

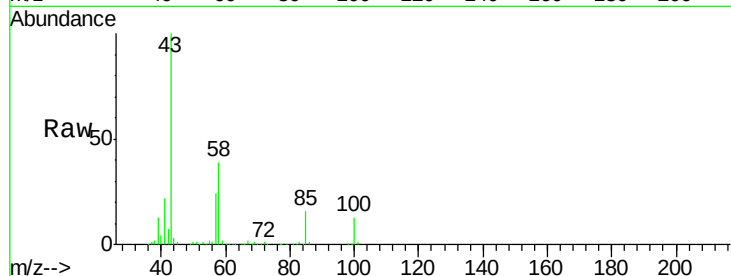
Acq: 4 Mar 2019 15:33

Tot Ion: 43 Resp: 575984

Ion Ratio Lower Upper

43 100

58 38.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-2531) (-)

9.98

300000

200000

100000

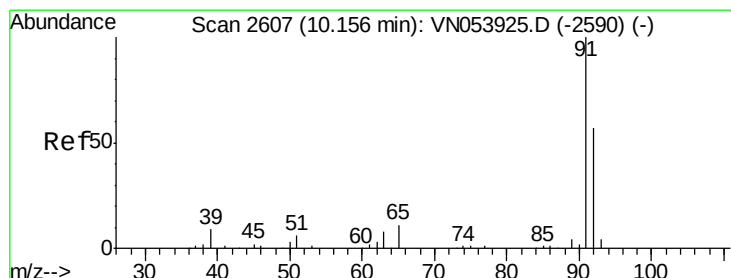
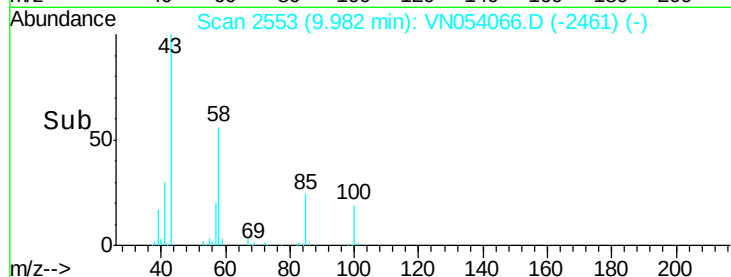
0

Time-->

9.90

10.00

10.10



#52

Toluene

Concen: 19.854 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN054066.D

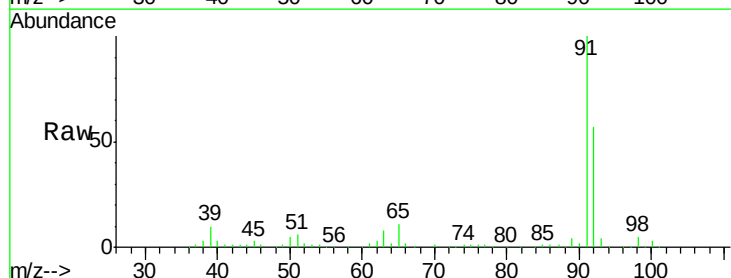
Acq: 4 Mar 2019 15:33

Tgt Ion: 92 Resp: 337868

Ion Ratio Lower Upper

92 100

91 177.6 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VN053925.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN053925.D (-2590) (-)

10.16

300000

200000

100000

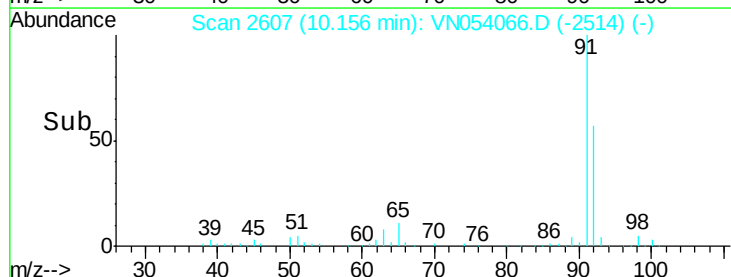
0

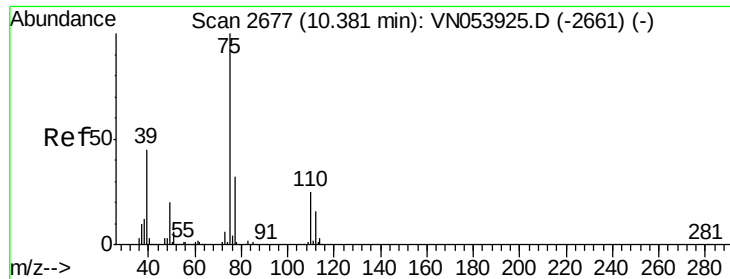
Time-->

10.10

10.20

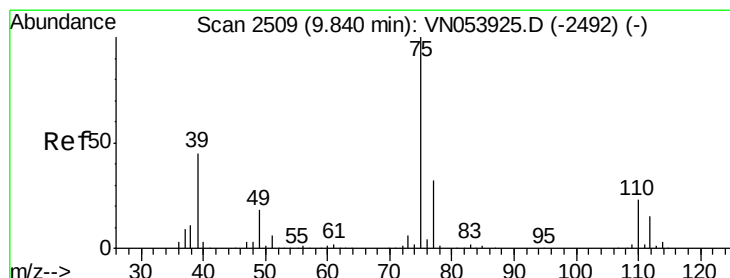
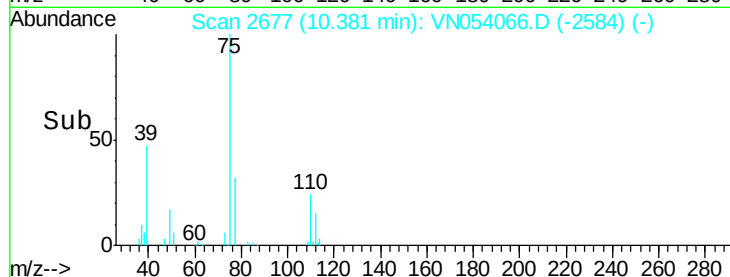
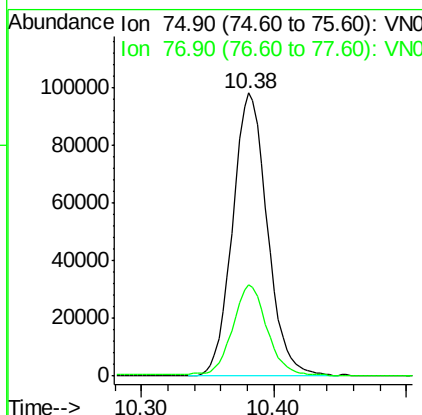
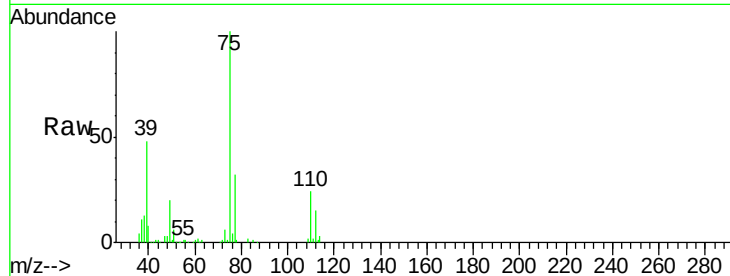
10.30





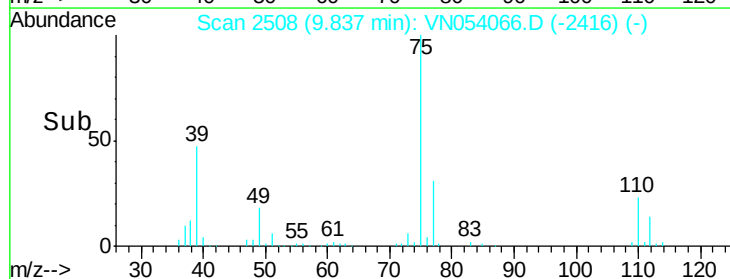
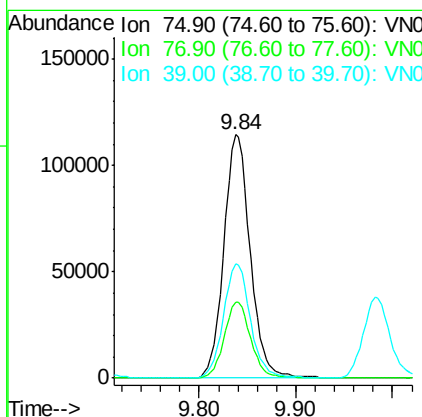
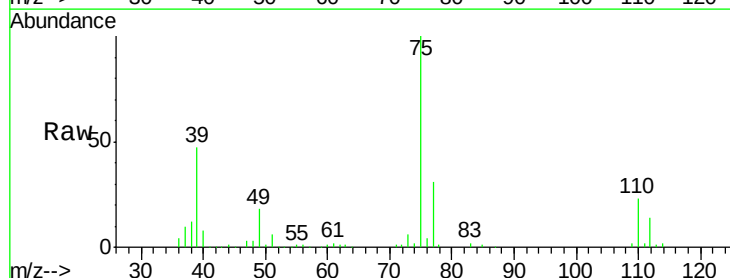
#53
 t-1,3-Dichloropropene
 Concen: 19.297 ug/l
 RT: 10.38 min Scan# 2677
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

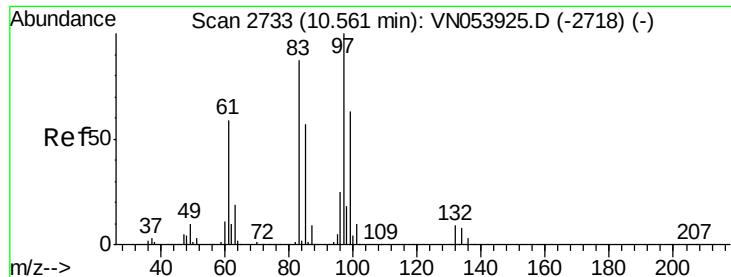
Tot Ion: 75 Resp: 179113
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.776 ug/l
 RT: 9.84 min Scan# 2508
 Delta R.T. -0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

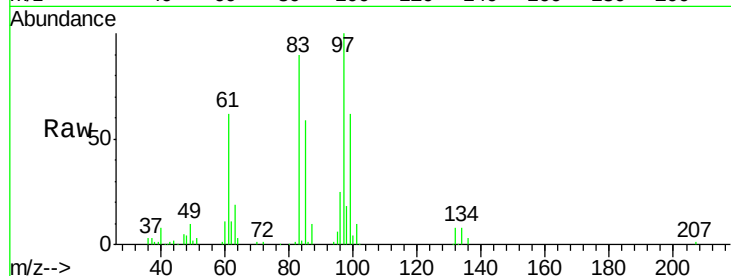
Tgt Ion: 75 Resp: 216394
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.8 38.6
 39 46.8 31.4 47.0



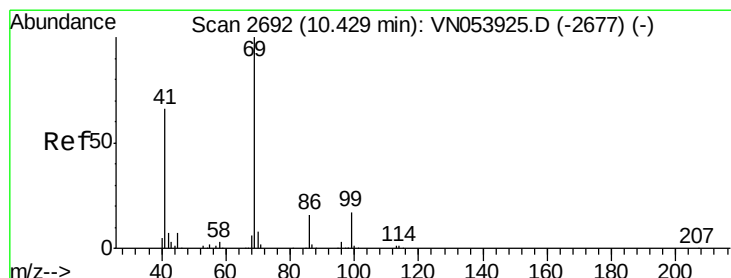
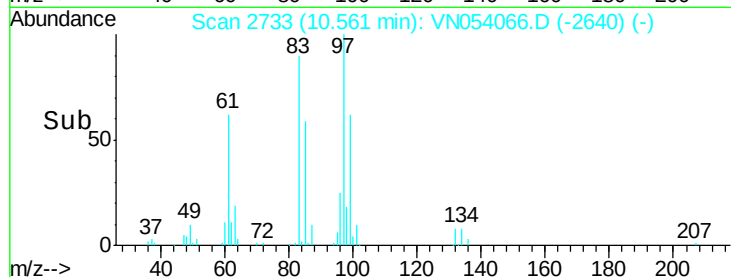
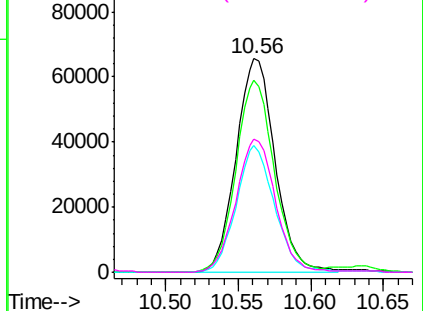


#55
 1,1,2-Trichloroethane
 Concen: 19.304 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tot Ion:	97	Resp:	122682
Ion	Ratio	Lower	Upper
97	100		
83	89.9	69.5	104.3
85	59.3	45.9	68.9
99	62.3	49.1	73.7

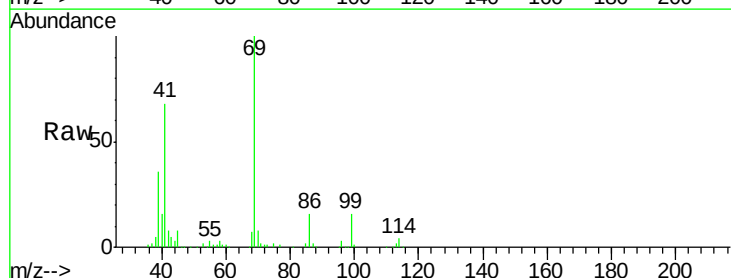


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

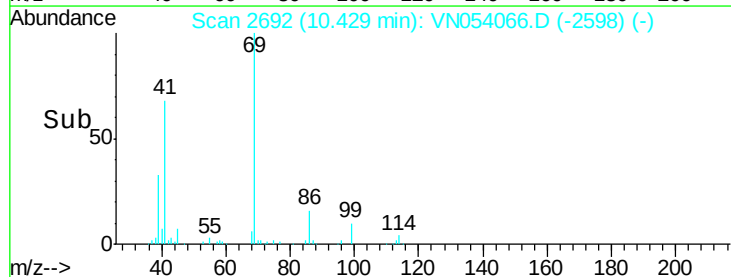
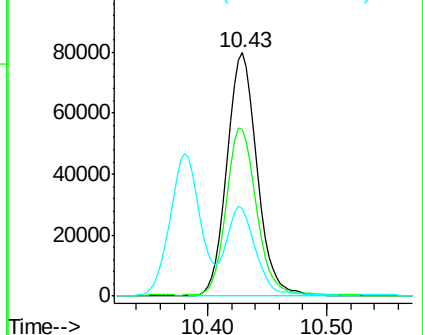


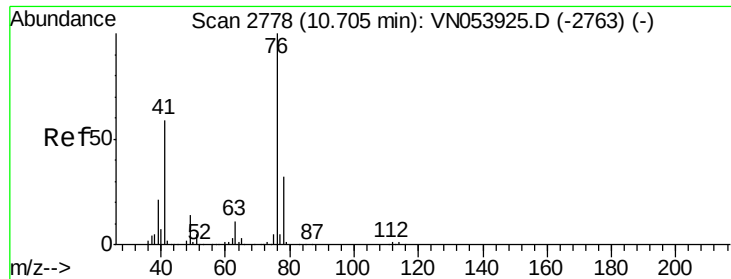
#56
 Ethyl methacrylate
 Concen: 18.183 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tgt Ion:	69	Resp:	140735
Ion	Ratio	Lower	Upper
69	100		
41	68.5	47.5	71.3
39	35.7	23.4	35.0#



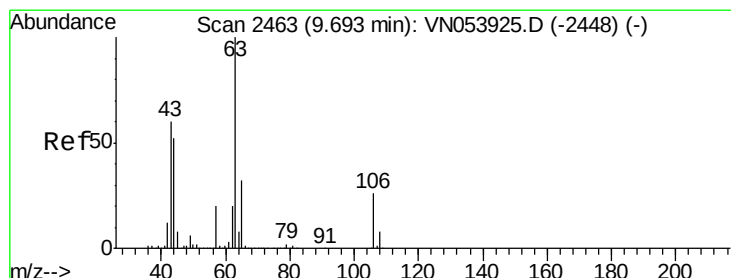
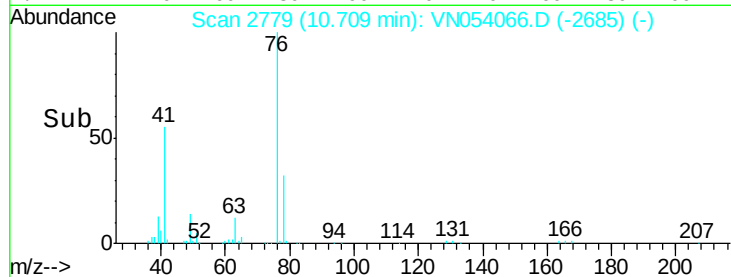
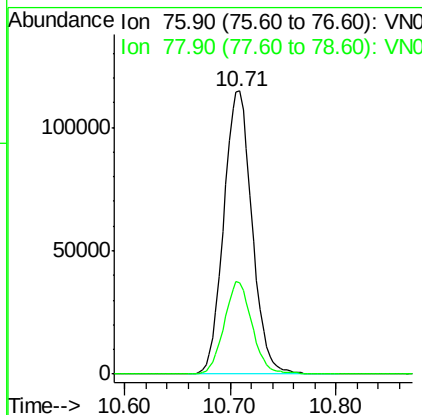
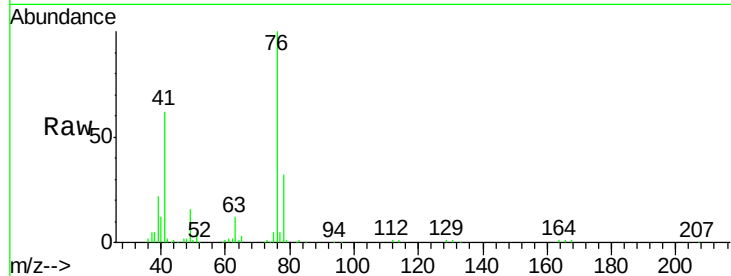
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





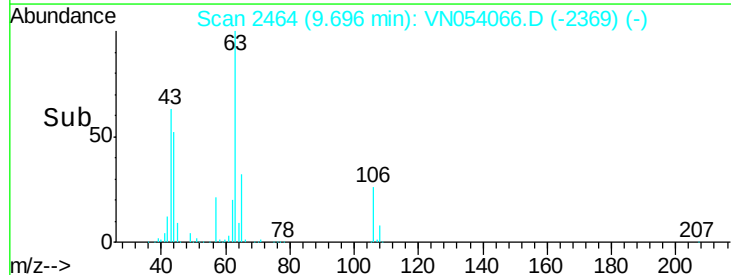
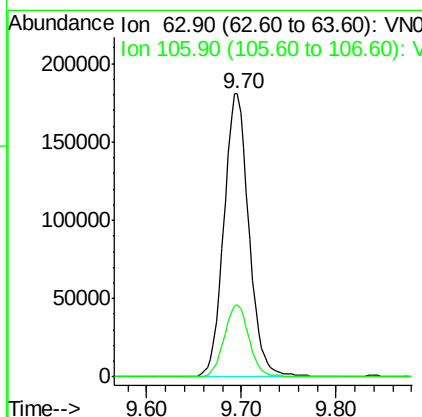
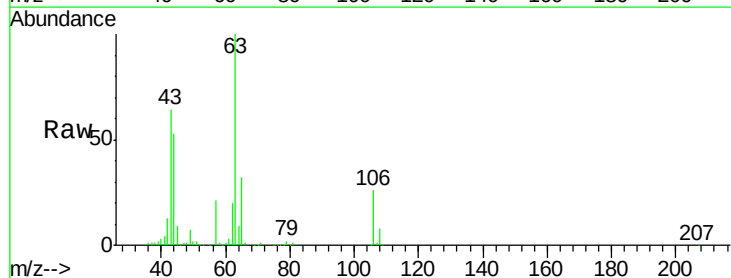
#57
 1,3-Dichloropropane
 Concen: 19.850 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

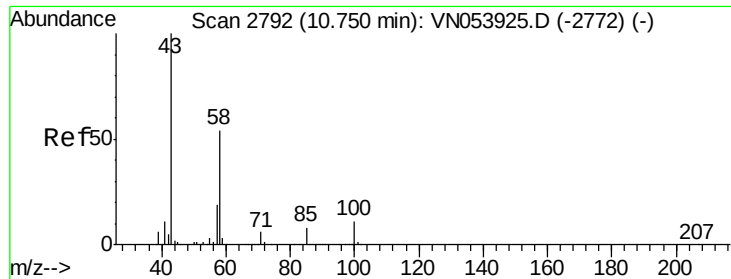
Tot Ion: 76 Resp: 213147
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.851 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

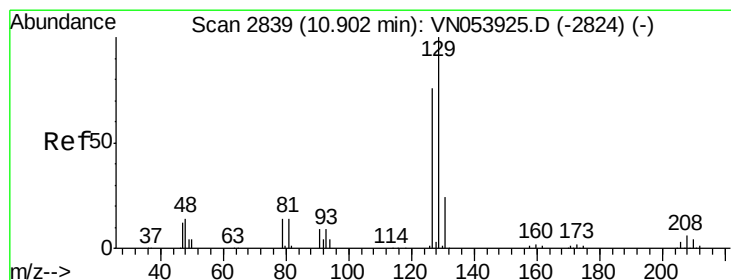
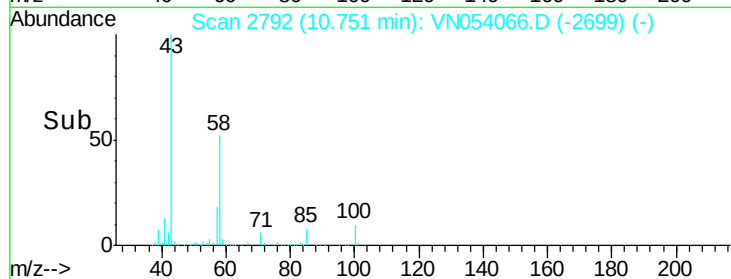
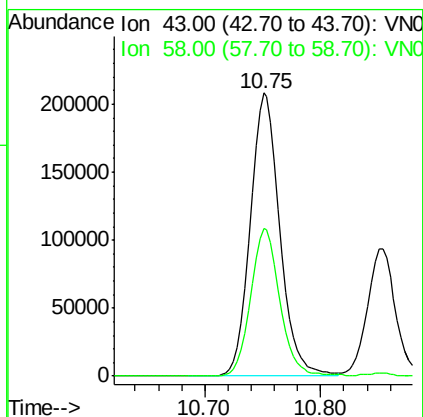
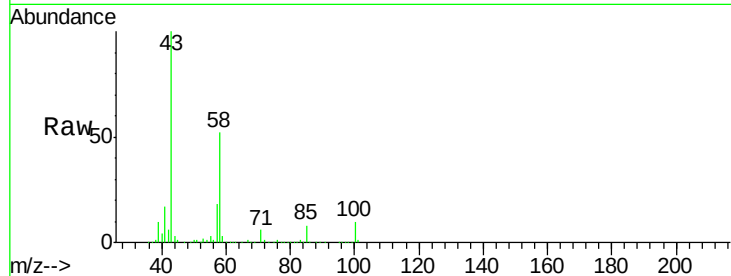
Tgt Ion: 63 Resp: 333310
 Ion Ratio Lower Upper
 63 100
 106 25.3 22.2 33.2





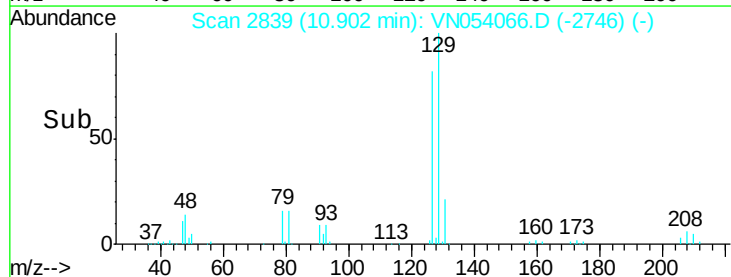
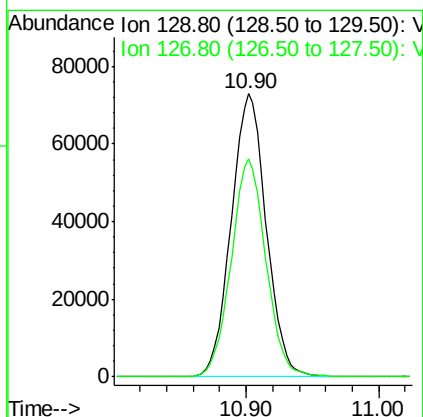
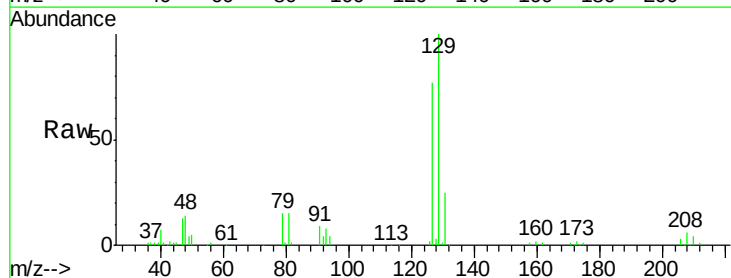
#59
2-Hexanone
Concen: 97.489 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

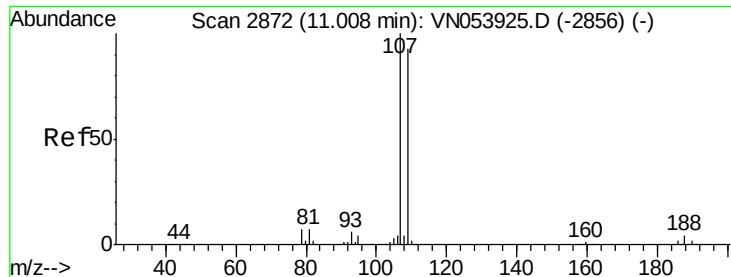
Tot Ion: 43 Resp: 369530
Ion Ratio Lower Upper
43 100
58 51.8 29.1 87.4



#60
Dibromochloromethane
Concen: 18.936 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion: 129 Resp: 133744
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.114 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN054066.D

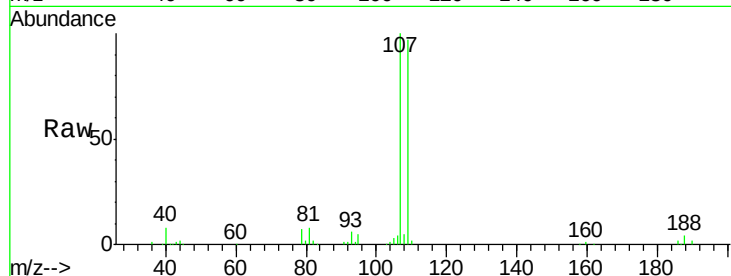
Acq: 4 Mar 2019 15:33

Tot Ion:107 Resp: 117183

Ion Ratio Lower Upper

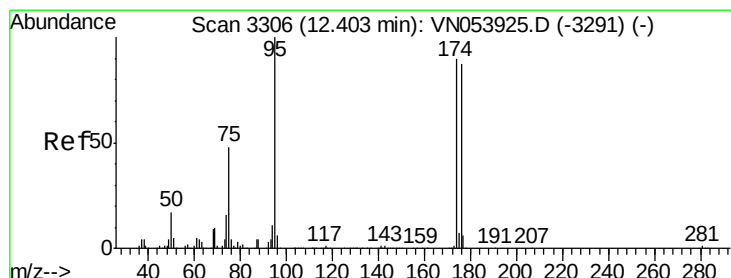
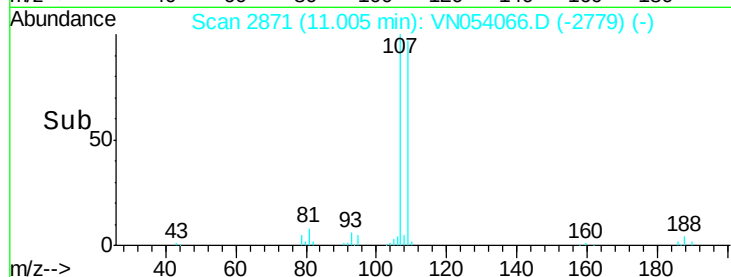
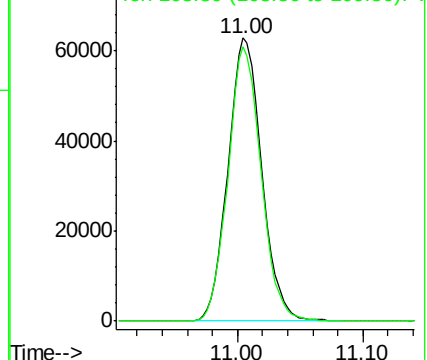
107 100

109 95.2 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.264 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

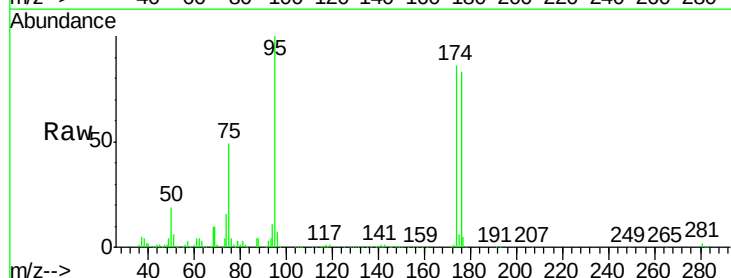
Tgt Ion: 95 Resp: 391575

Ion Ratio Lower Upper

95 100

174 86.6 0.0 188.8

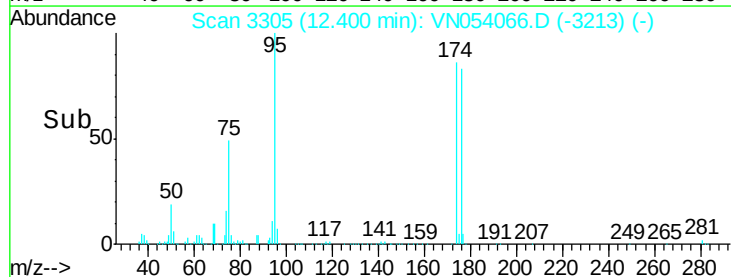
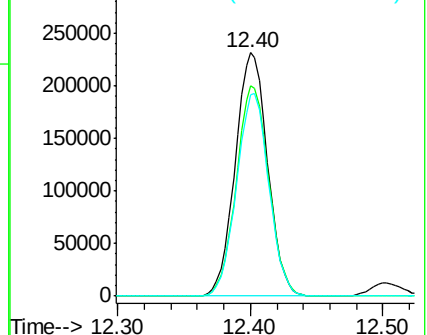
176 83.1 0.0 182.6

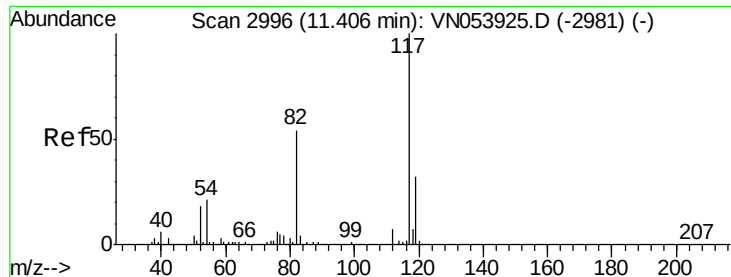


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

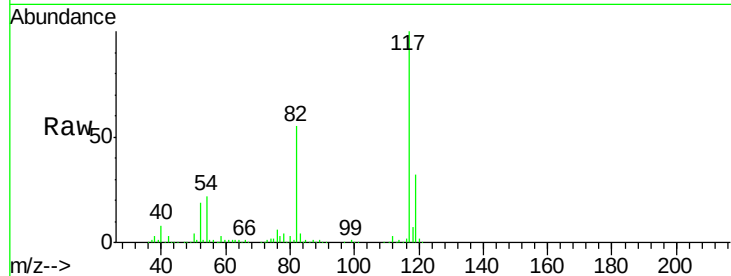
Ion 175.80 (175.50 to 176.50): V



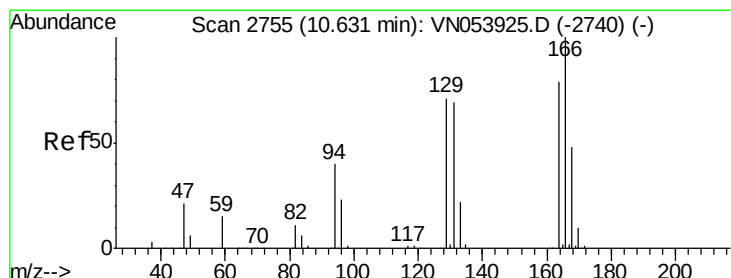
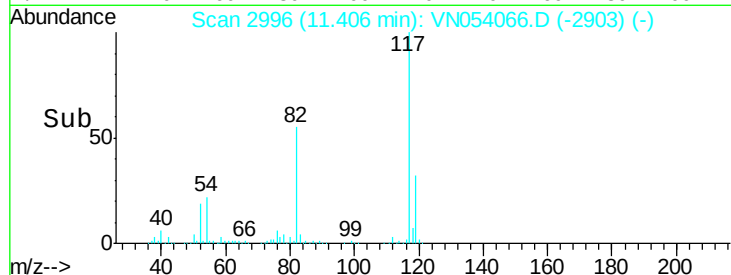
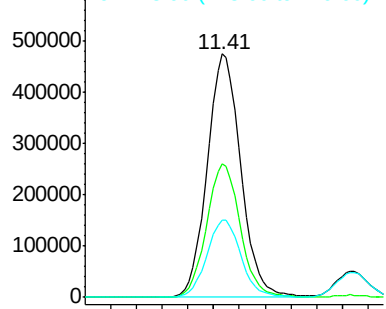


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion:117 Resp: 859272
Ion Ratio Lower Upper
117 100
82 55.0 41.4 62.2
119 31.8 25.3 37.9

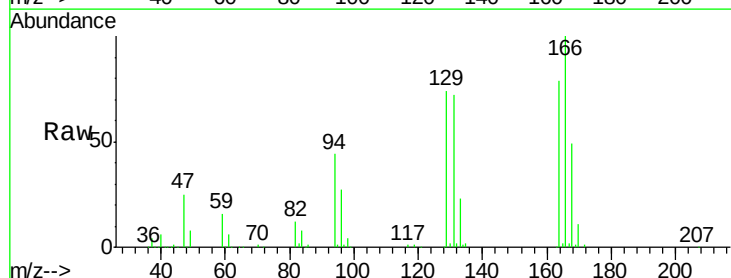


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

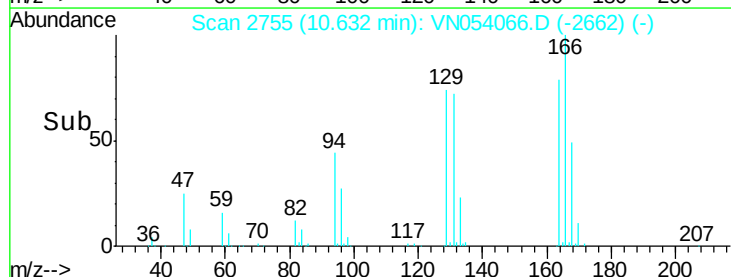
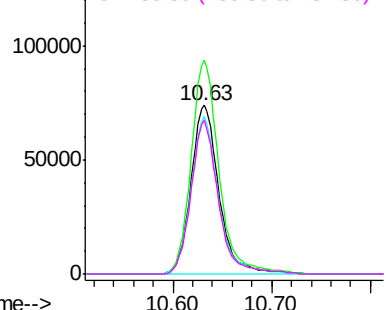


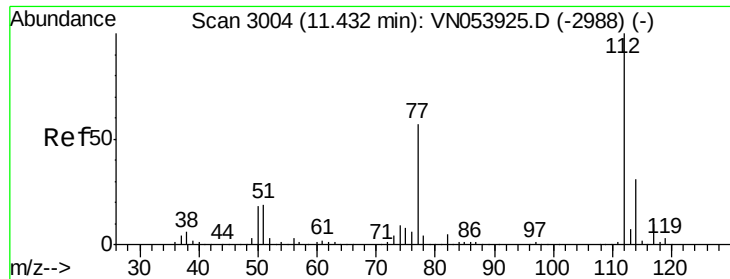
#64
Tetrachloroethene
Concen: 20.181 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion:164 Resp: 146837
Ion Ratio Lower Upper
164 100
166 126.5 102.6 153.8
129 93.4 69.4 104.0
131 90.7 68.1 102.1



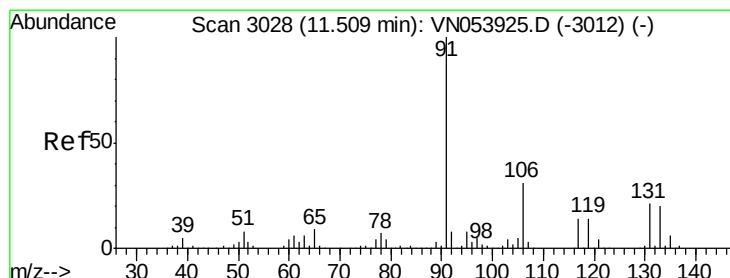
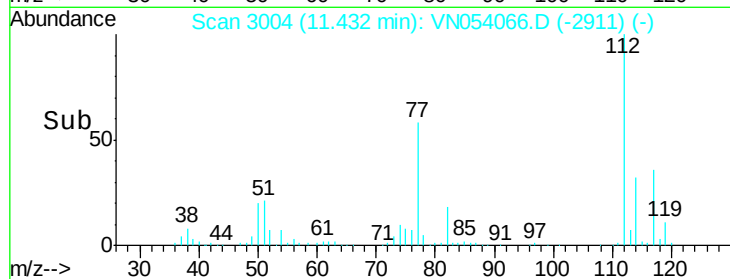
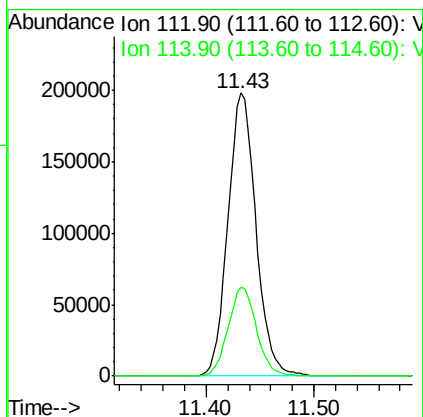
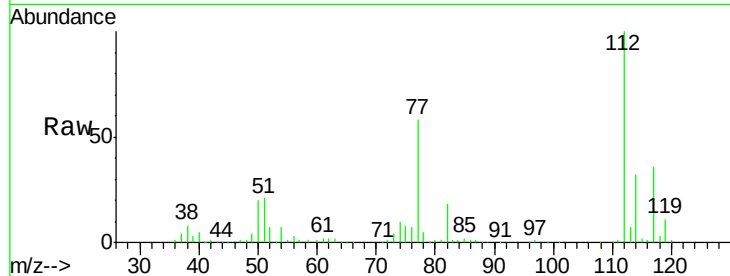
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





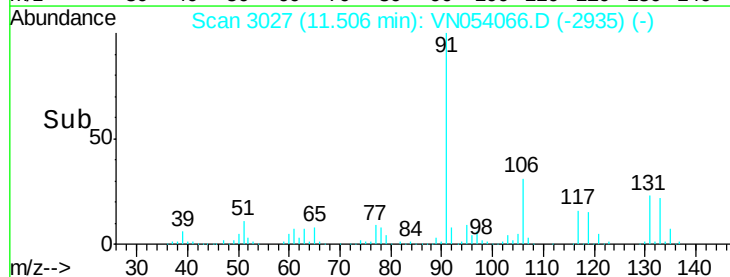
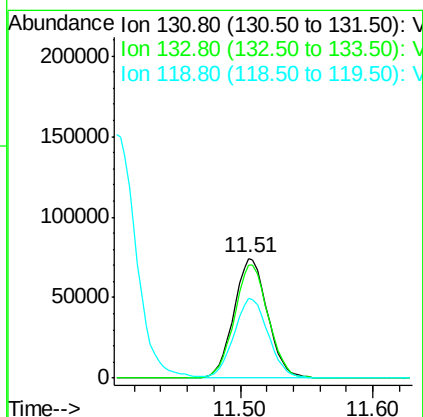
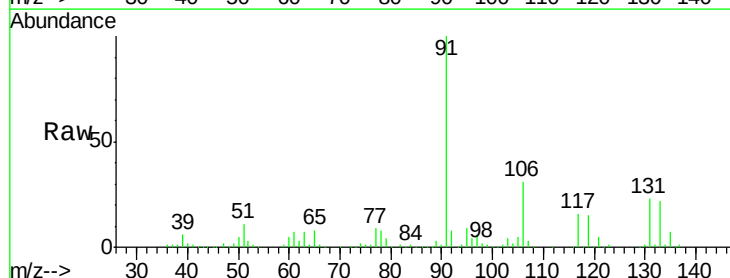
#65
Chlorobenzene
Concen: 19.828 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

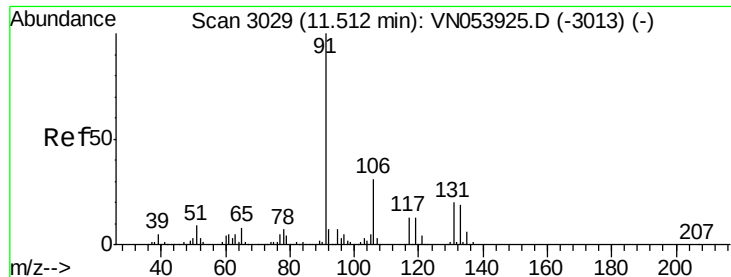
Tot Ion:112 Resp: 359577
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.077 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

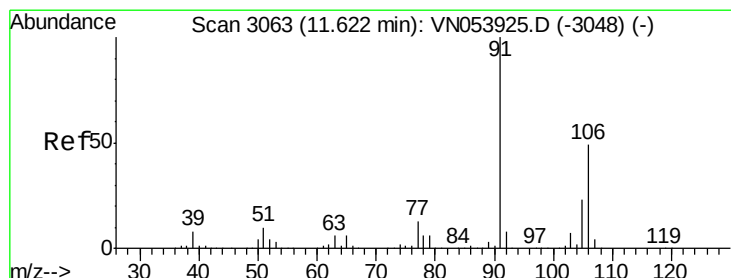
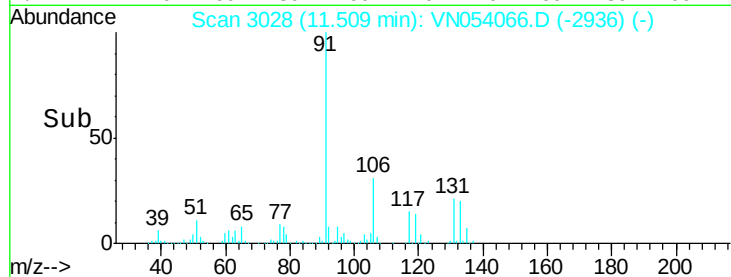
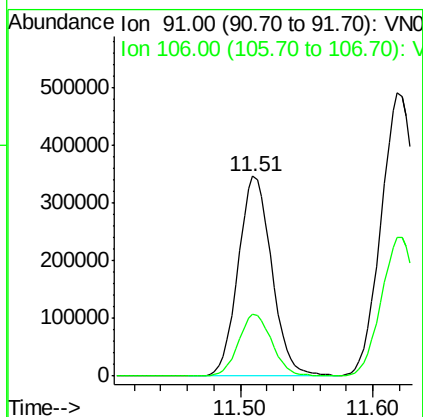
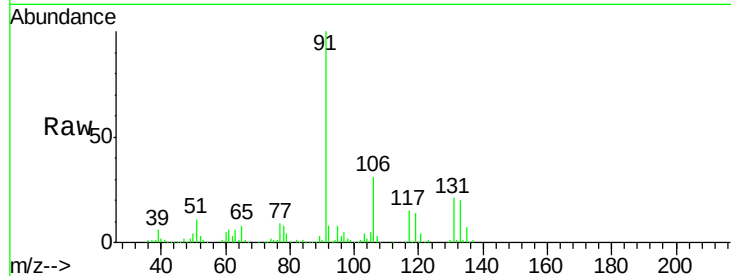
Tgt Ion:131 Resp: 131216
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 67.5 33.1 99.3





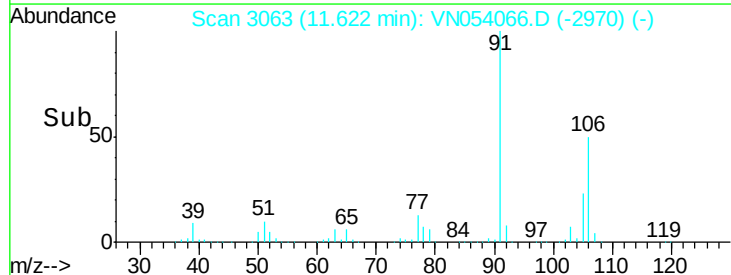
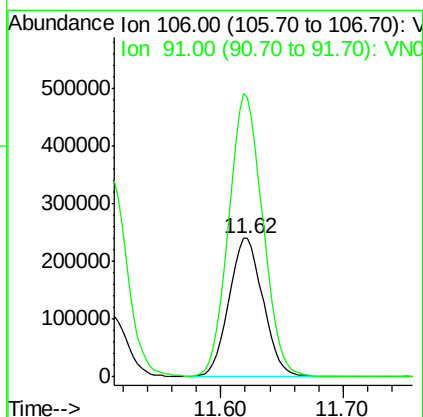
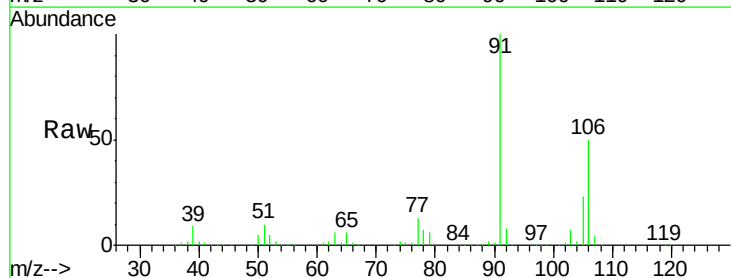
#67
Ethyl Benzene
Concen: 20.109 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

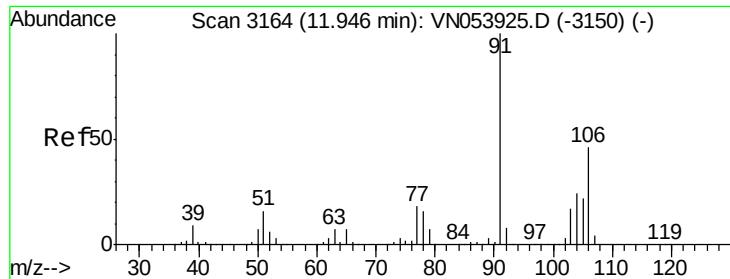
Tot Ion: 91 Resp: 611348
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 40.859 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

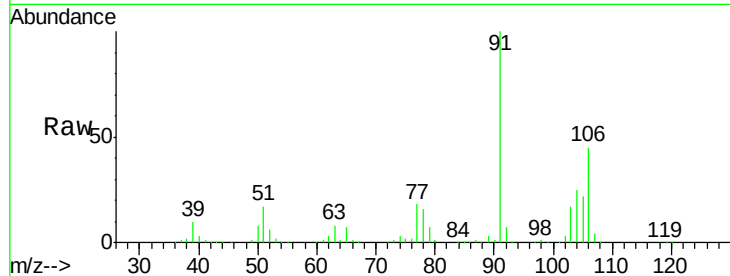
Tgt Ion: 106 Resp: 468824
Ion Ratio Lower Upper
106 100
91 203.5 158.9 238.3



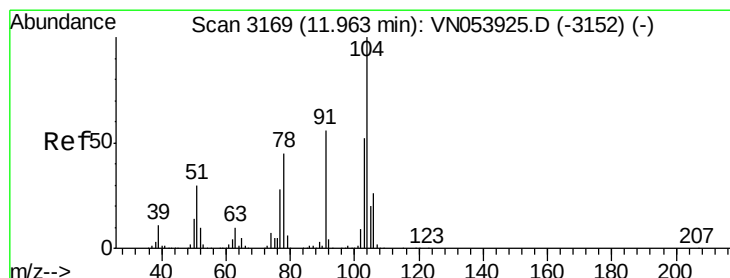
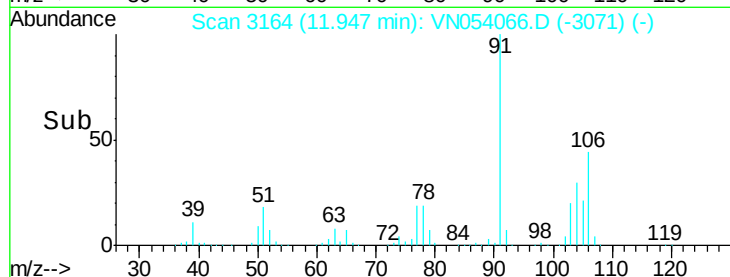
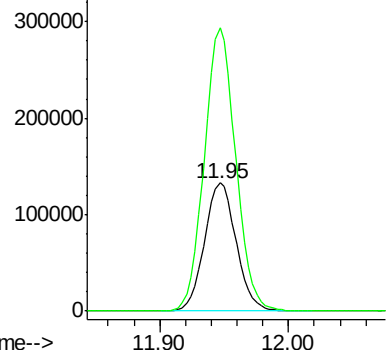


#69
o-Xylene
Concen: 20.066 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion:106 Resp: 226230
Ion Ratio Lower Upper
106 100
91 219.0 106.0 318.0

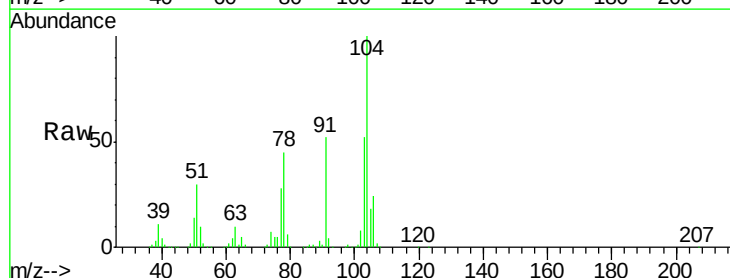


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

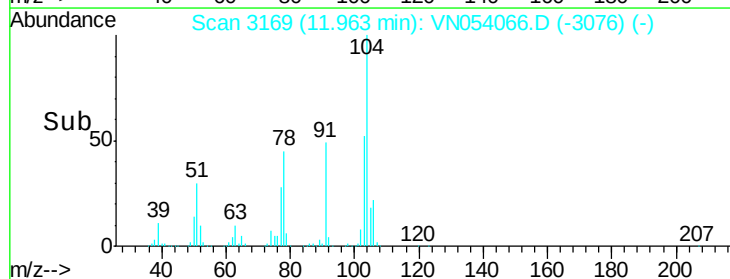
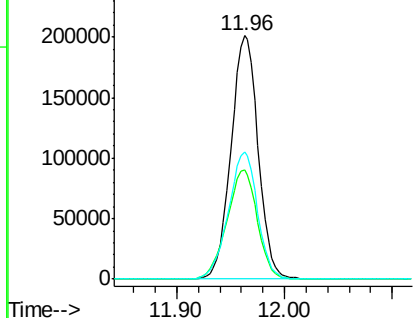


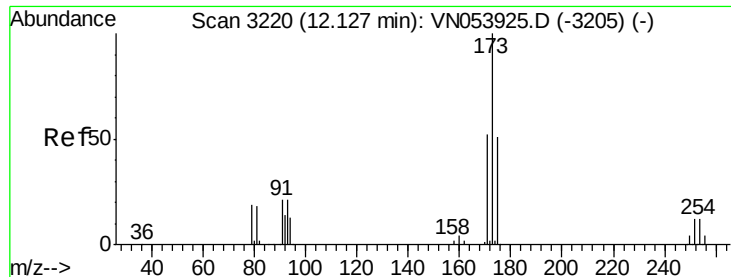
#70
Styrene
Concen: 20.361 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion:104 Resp: 353086
Ion Ratio Lower Upper
104 100
78 50.1 38.1 57.1
103 56.2 44.6 67.0



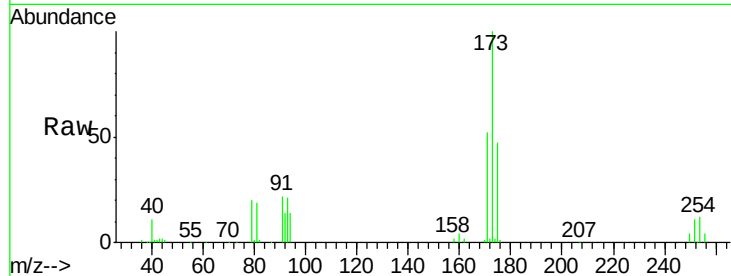
Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V



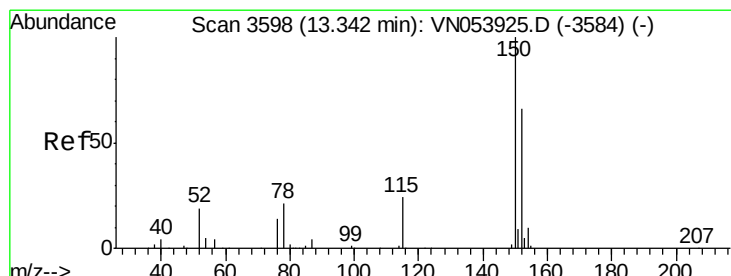
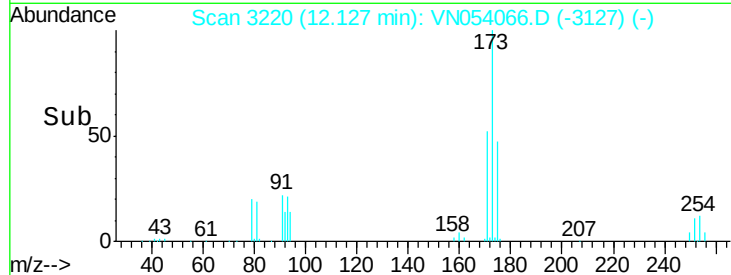
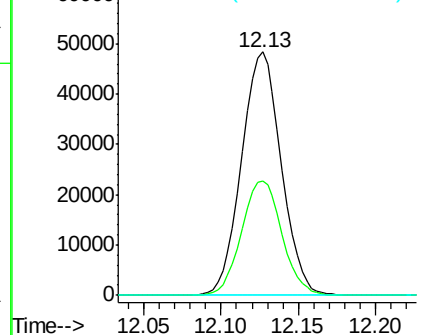


#71
Bromoform
Concen: 19.023 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tot Ion:173 Resp: 86494
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.8
254 0.0 0.2 0.2#

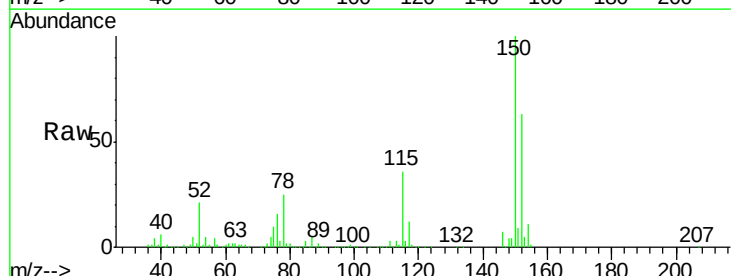


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

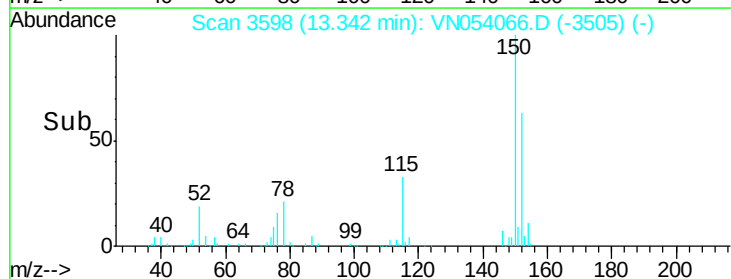
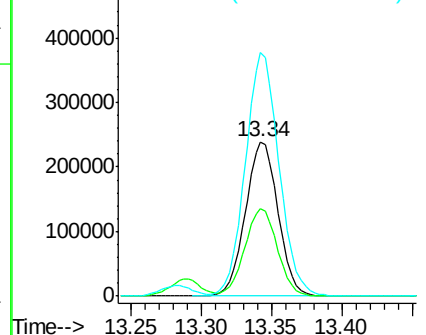


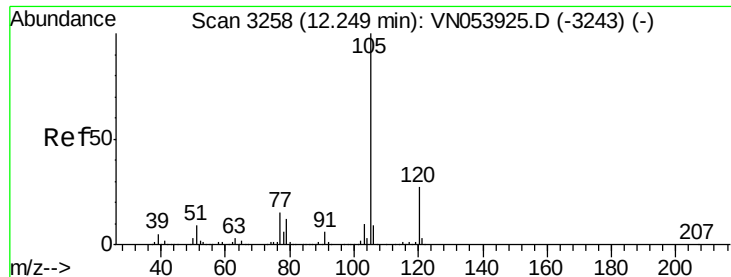
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054066.D
Acq: 4 Mar 2019 15:33

Tgt Ion:152 Resp: 386199
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 163.6 0.0 348.2



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: 19.988 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054066.D

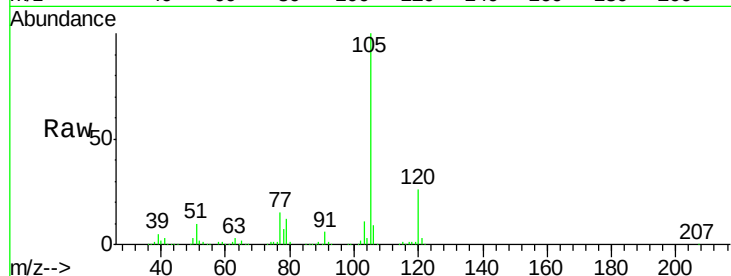
Acq: 4 Mar 2019 15:33

Tot Ion:105 Resp: 600909

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

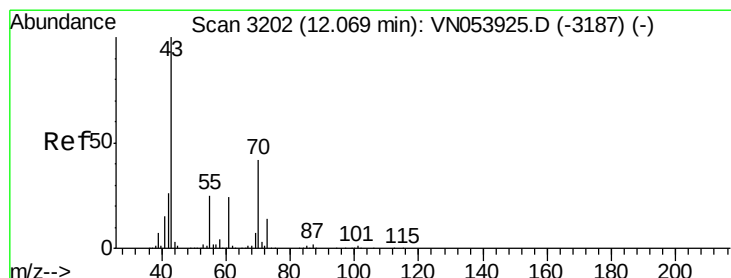
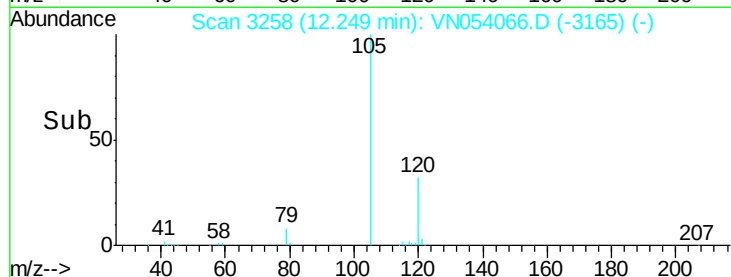
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 20.384 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tgt Ion: 43 Resp: 160614

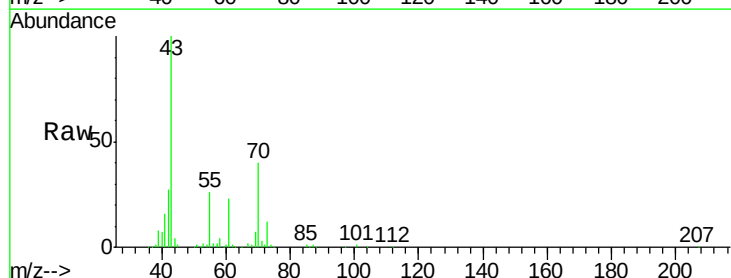
Ion Ratio Lower Upper

43 100

70 39.4 37.4 56.2

55 25.9 21.4 32.0

61 23.2 20.9 31.3



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

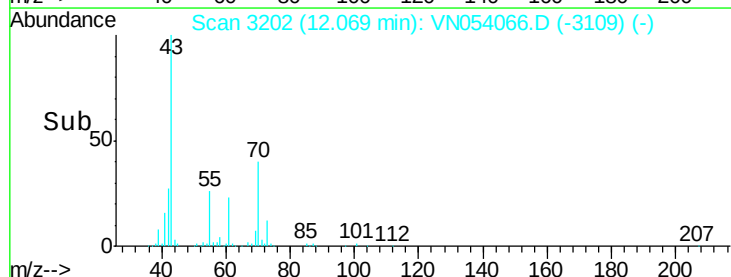
150000

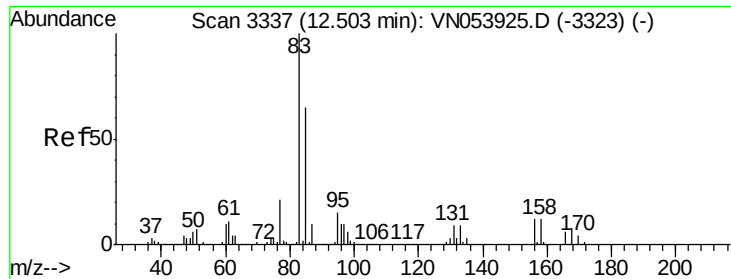
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.865 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

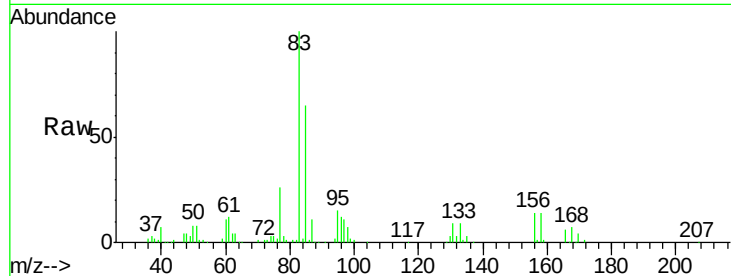
Tot Ion: 83 Resp: 141825

Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.3	16.1
85	64.4	31.9	95.9

83 100

131 9.6 5.3 16.1

85 64.4 31.9 95.9



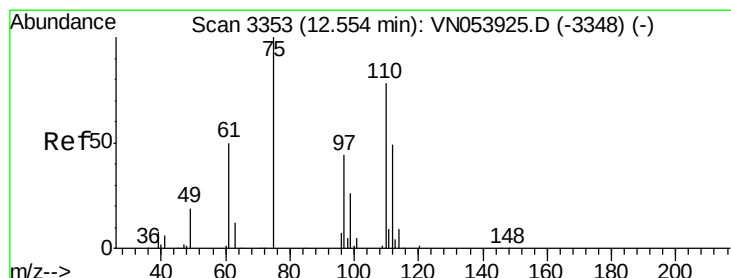
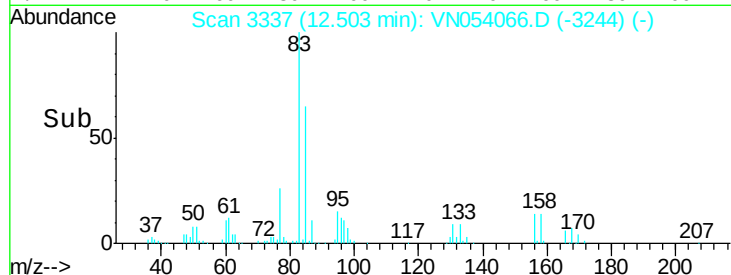
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.50

Time-->



#76

1,2,3-Trichloropropane

Concen: 18.900 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054066.D

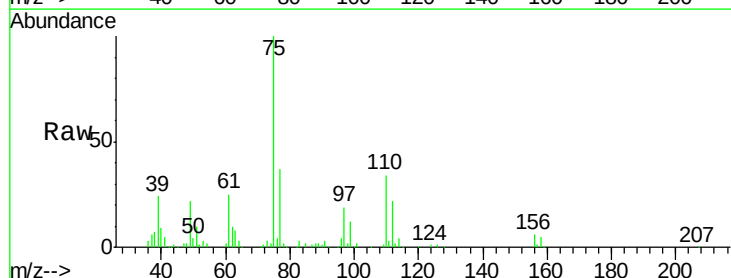
Acq: 4 Mar 2019 15:33

Tgt Ion: 75 Resp: 117093

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0

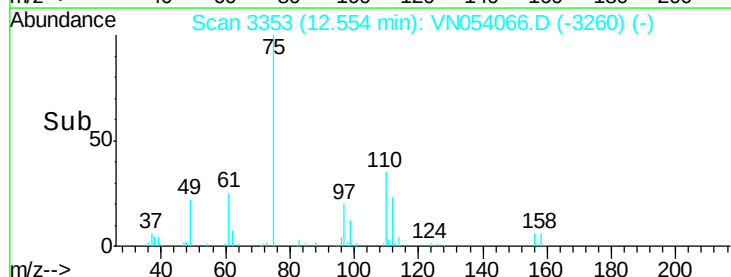


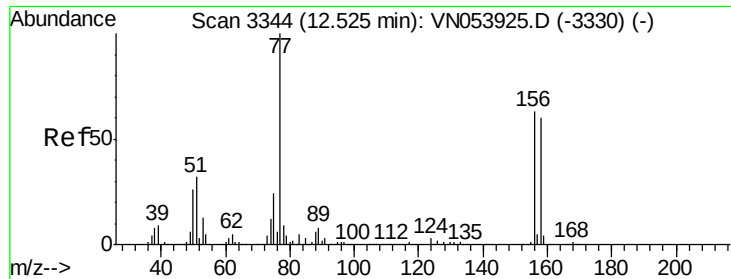
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.55

Time-->





#77

Bromobenzene

Concen: 18.852 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

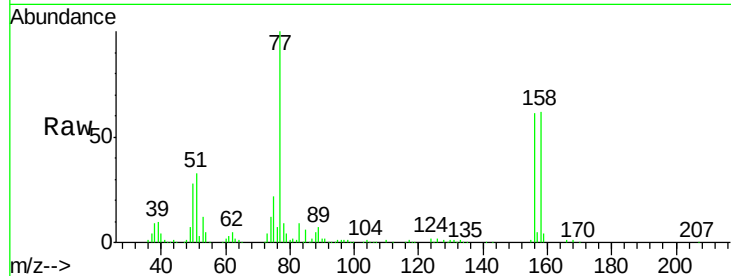
Tot Ion:156 Resp: 143894

Ion Ratio Lower Upper

156 100

77 191.2 84.0 252.2

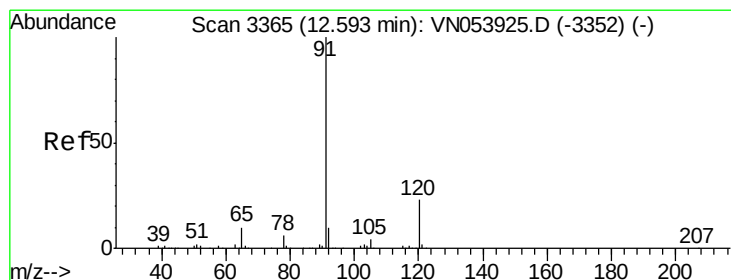
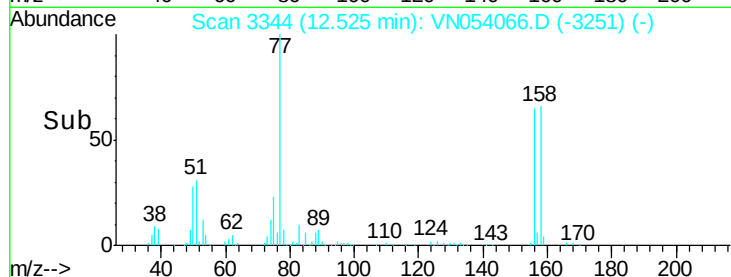
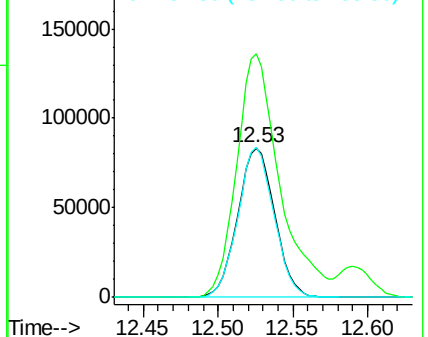
158 98.1 48.5 145.6



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: 20.652 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054066.D

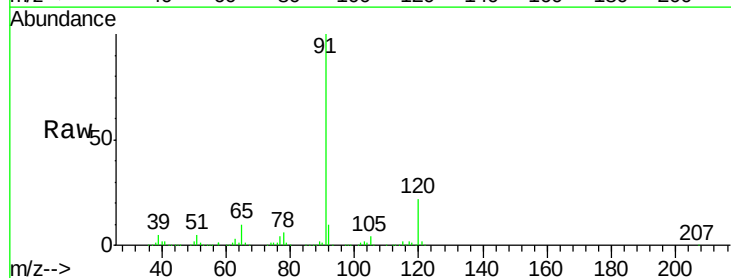
Acq: 4 Mar 2019 15:33

Tgt Ion: 91 Resp: 706077

Ion Ratio Lower Upper

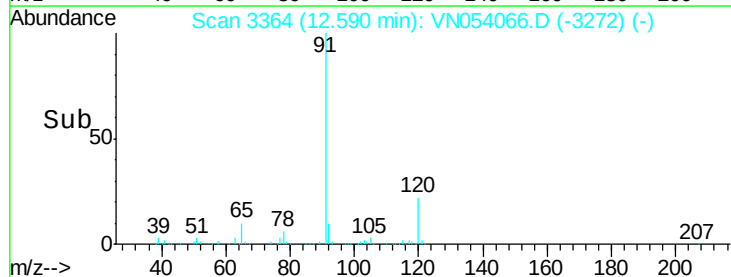
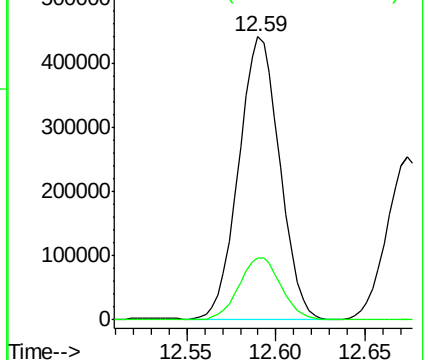
91 100

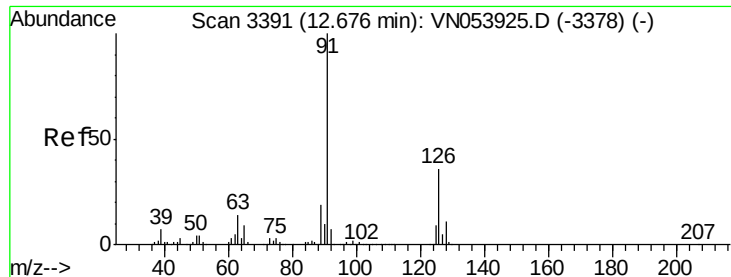
120 22.4 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.257 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054066.D

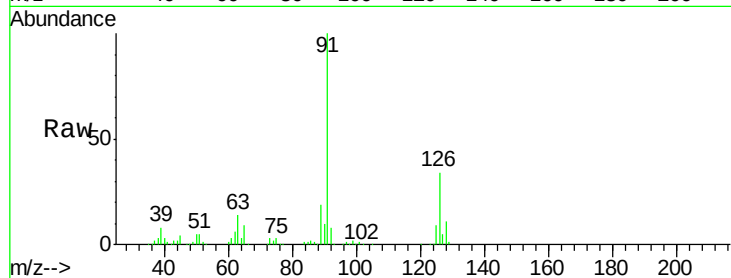
Acq: 4 Mar 2019 15:33

Tot Ion: 91 Resp: 416037

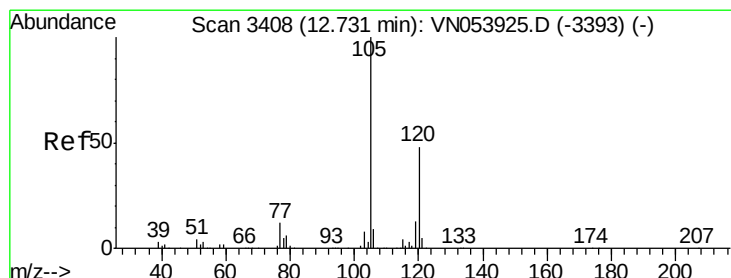
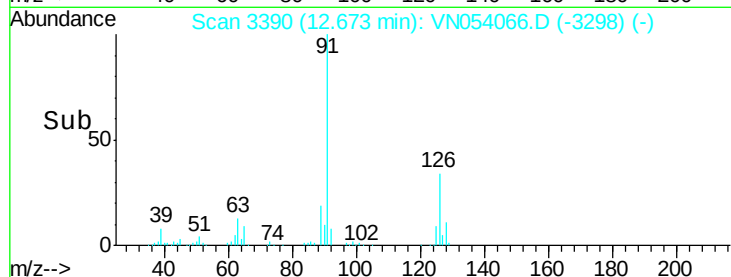
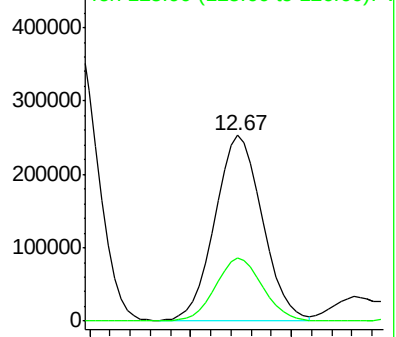
Ion Ratio Lower Upper

91 100

126 34.0 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN054066.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.941 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054066.D

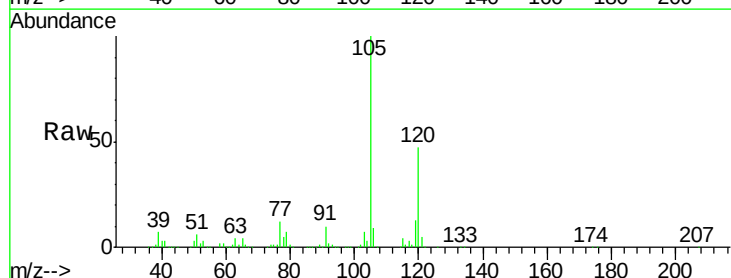
Acq: 4 Mar 2019 15:33

Tgt Ion: 105 Resp: 515379

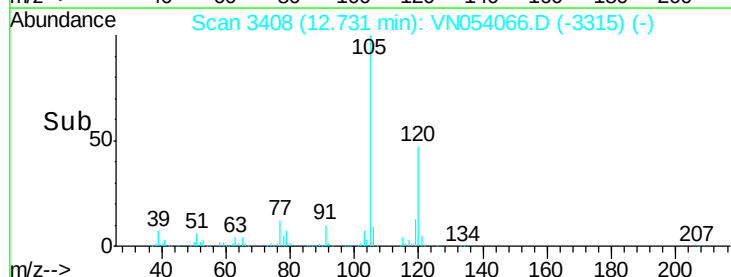
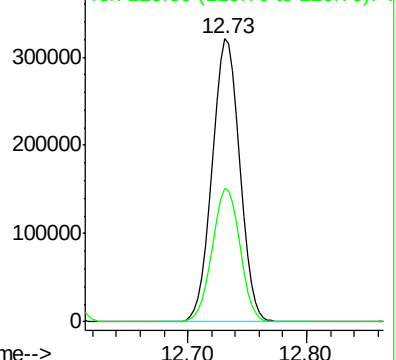
Ion Ratio Lower Upper

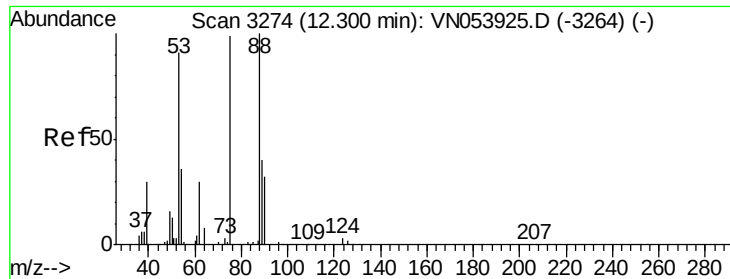
105 100

120 47.6 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN054066.D (-3408) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.761 ug/l

RT: 12.30 min Scan# 3274

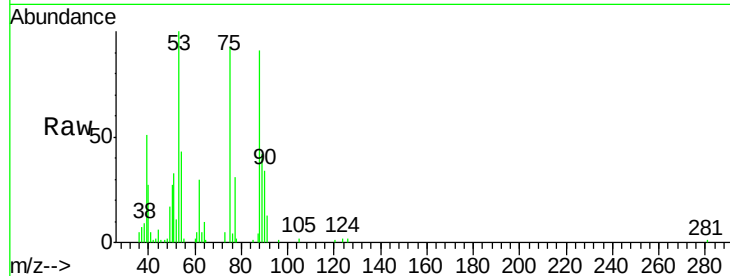
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tot Ion: 75 Resp: 34815

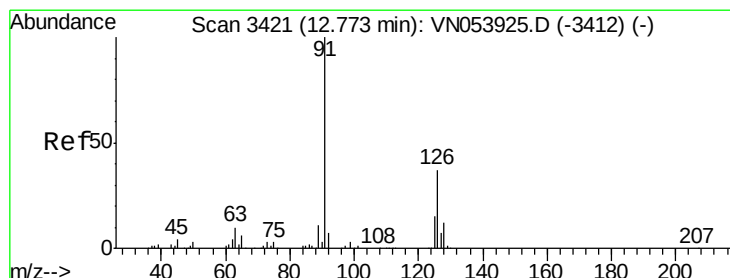
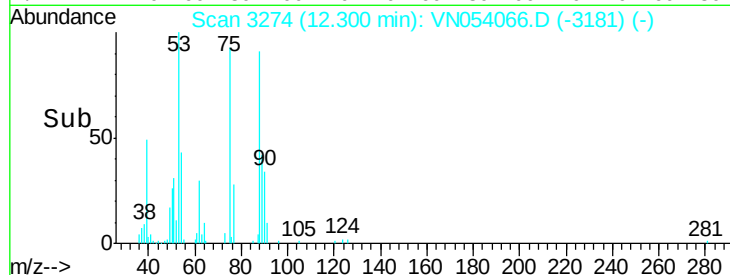
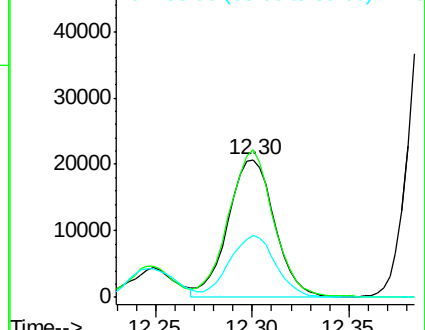
Ion	Ratio	Lower	Upper
75	100		
53	103.2	68.6	102.8#
89	44.5	35.3	52.9



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: 20.446 ug/l

RT: 12.77 min Scan# 3421

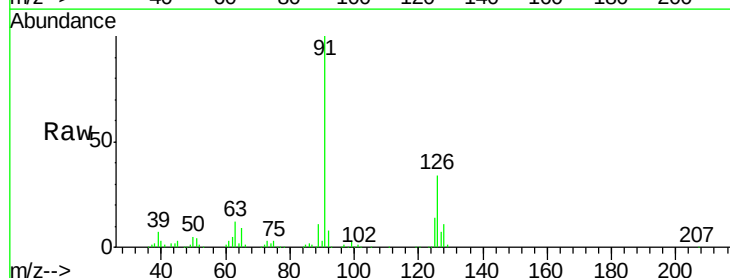
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

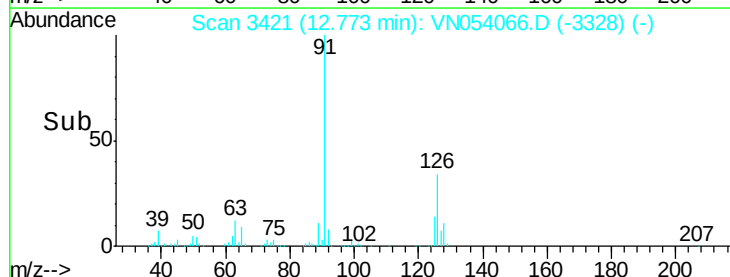
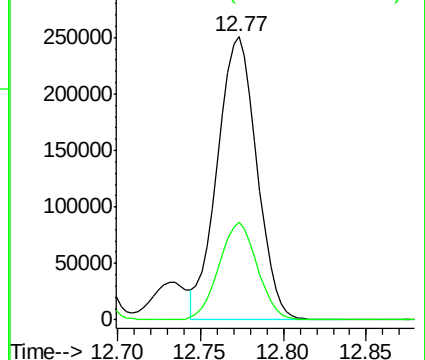
Tgt Ion: 91 Resp: 415033

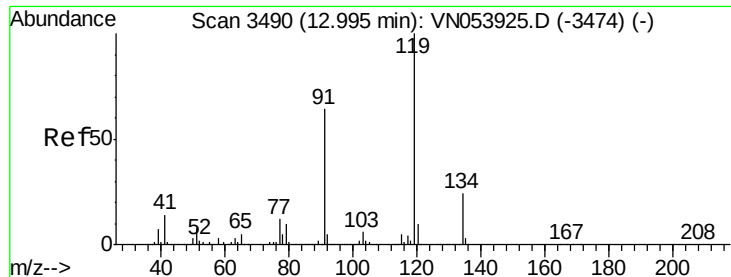
Ion	Ratio	Lower	Upper
91	100		
126	33.7	18.0	54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

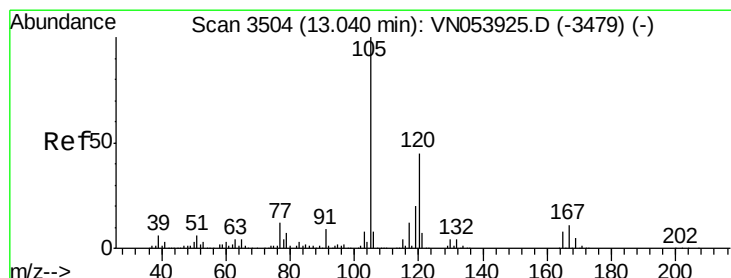
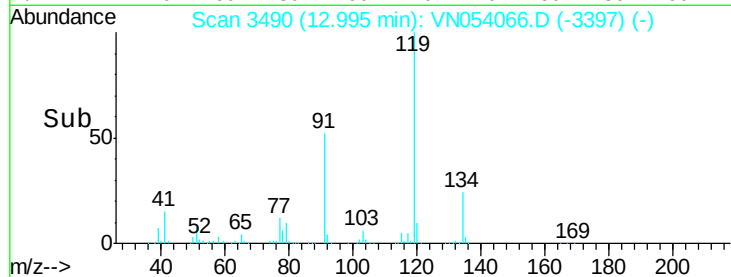
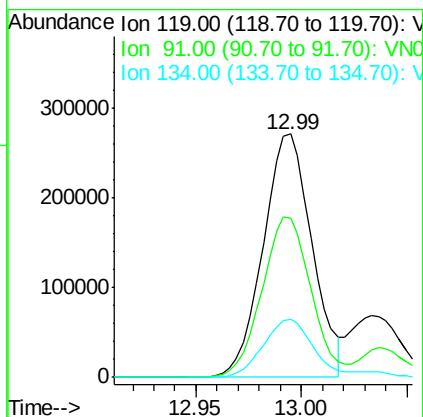
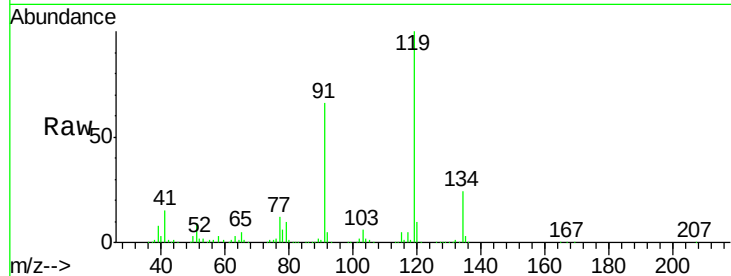
Ion 125.90 (125.60 to 126.60): V





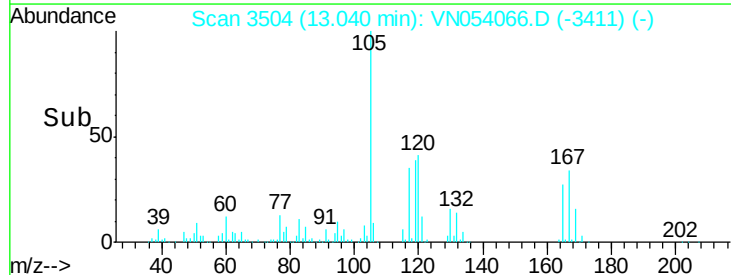
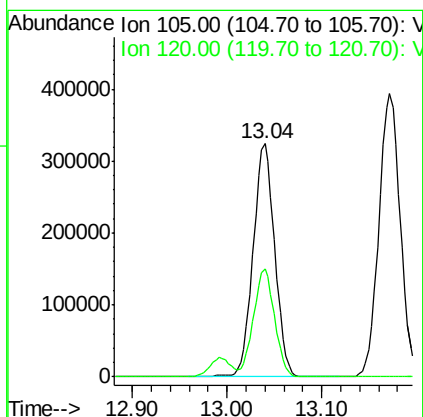
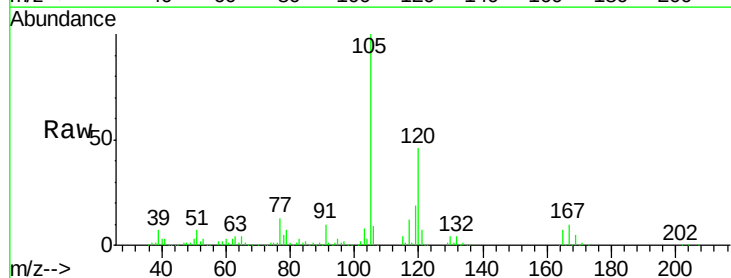
#83
 tert-Butylbenzene
 Concen: 20.077 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

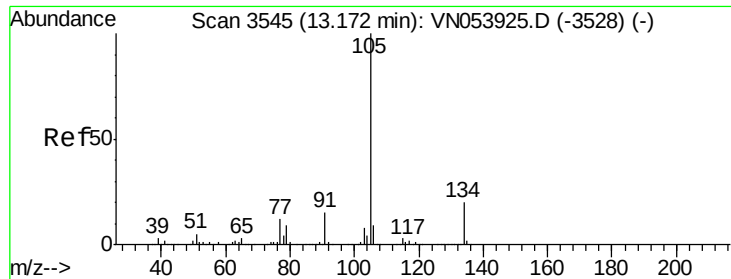
Tot Ion:119 Resp: 437030
 Ion Ratio Lower Upper
 119 100
 91 66.0 30.6 91.8
 134 24.2 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.942 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tgt Ion:105 Resp: 514559
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.644 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054066.D

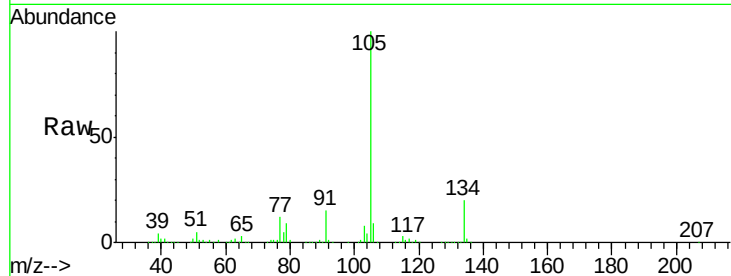
Acq: 4 Mar 2019 15:33

Tot Ion:105 Resp: 613759

Ion Ratio Lower Upper

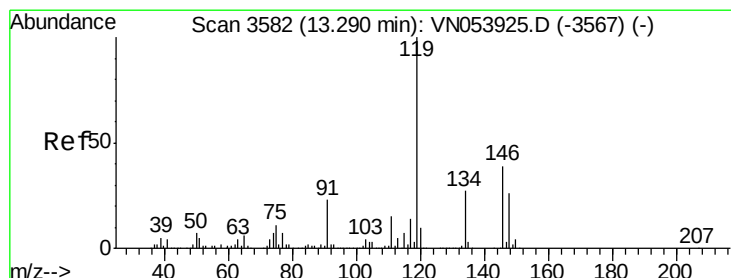
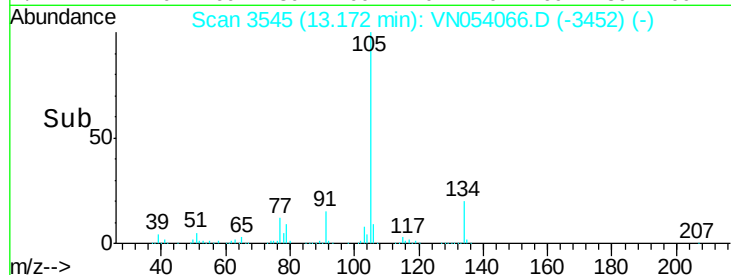
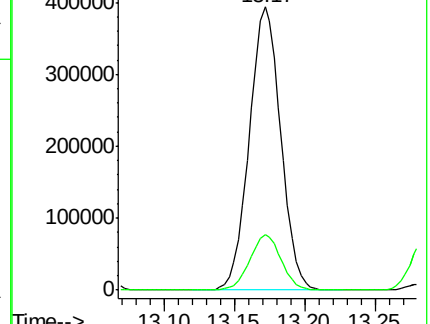
105 100

134 19.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.746 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

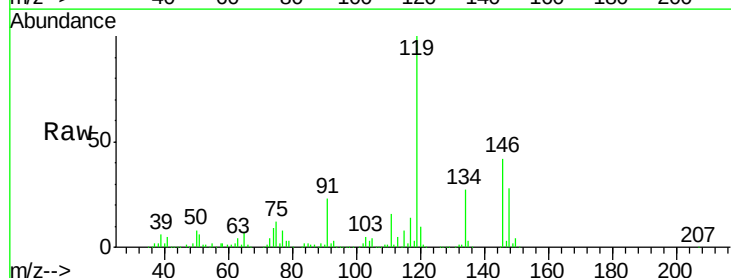
Tgt Ion:119 Resp: 521427

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

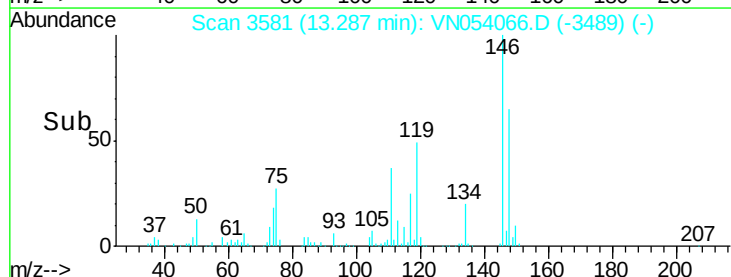
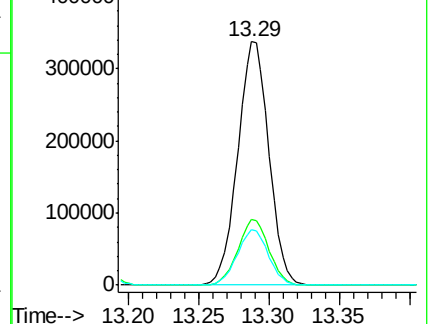
91 22.8 10.9 32.6

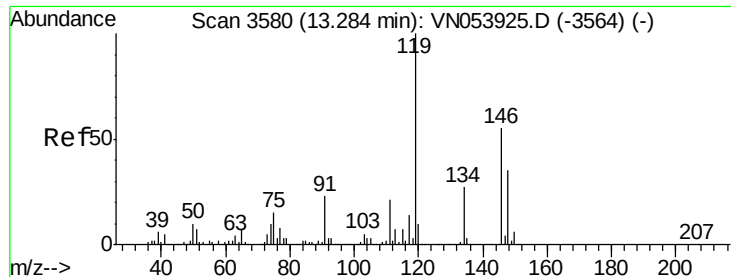


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

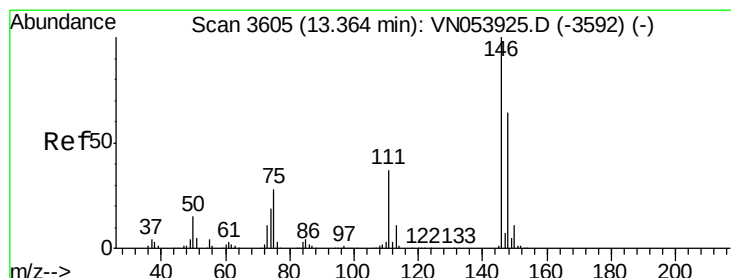
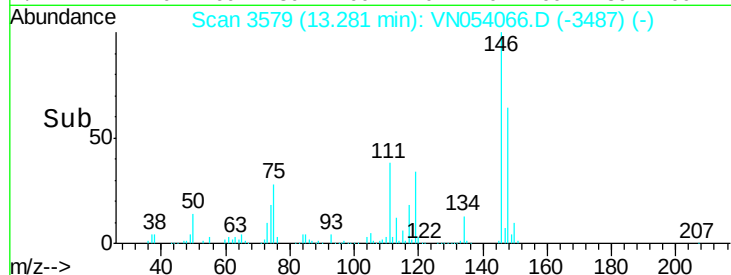
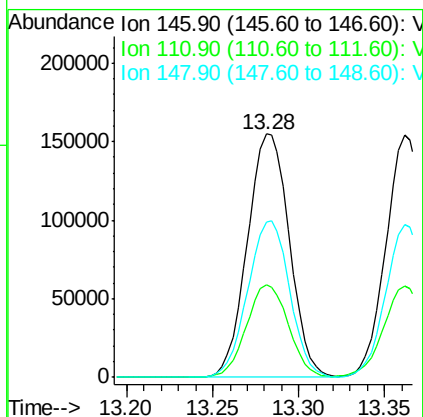
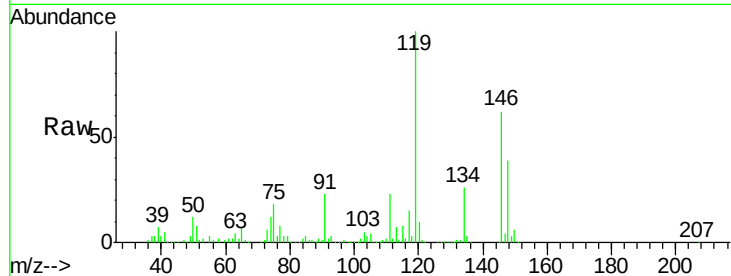
Ion 91.00 (90.70 to 91.70): V





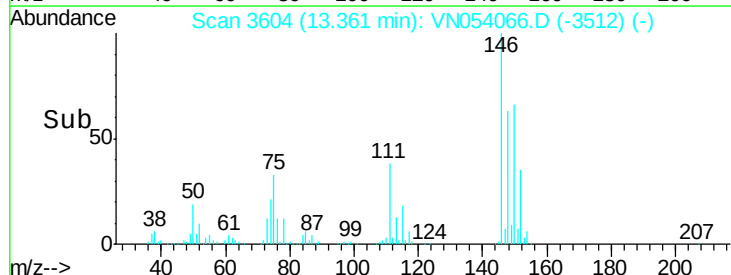
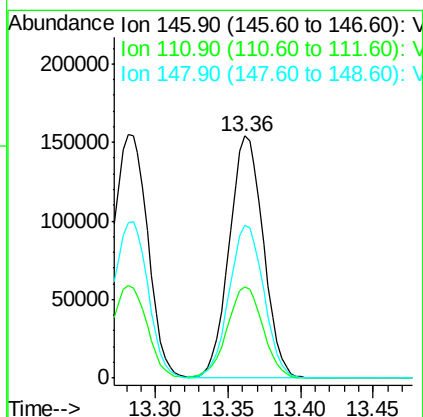
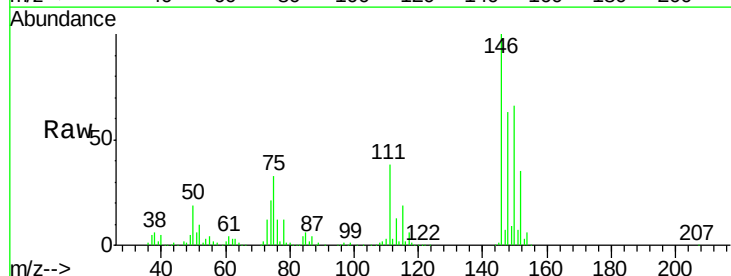
#87
 1,3-Dichlorobenzene
 Concen: 19.835 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

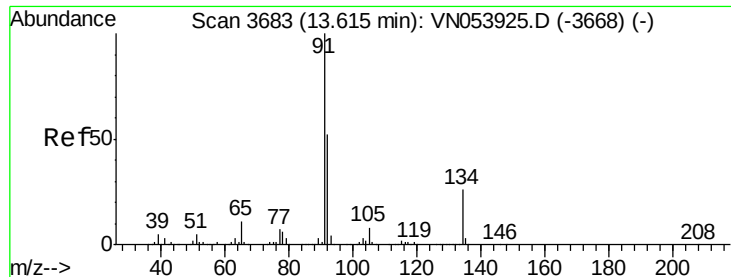
Tot Ion:146 Resp: 261902
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.7 56.1
 148 64.1 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.632 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tgt Ion:146 Resp: 251483
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.0 54.0
 148 64.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.786 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

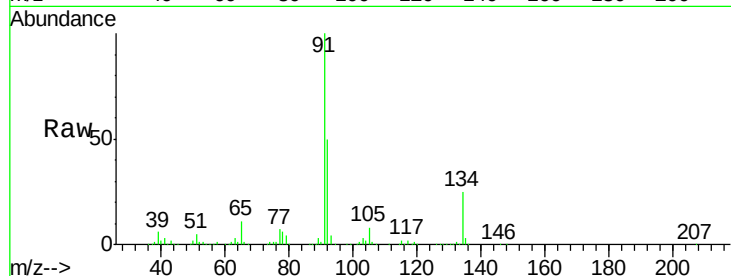
Tot Ion: 91 Resp: 440276

Ion Ratio Lower Upper

91 100

92 50.5 26.1 78.2

134 24.6 13.6 40.8

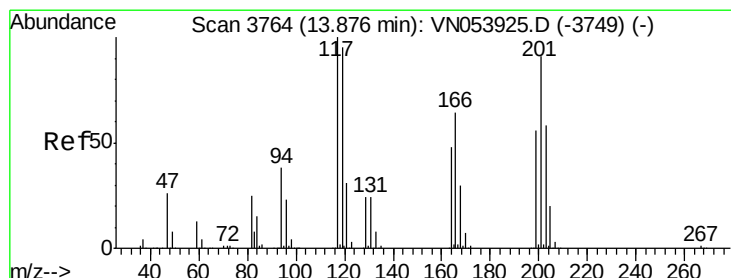
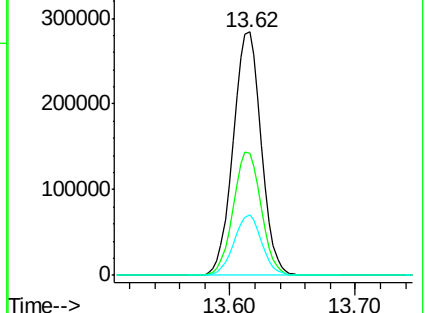
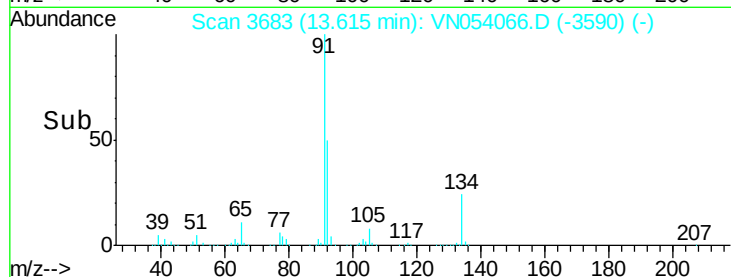


Abundance Ion 91.00 (90.70 to 91.70): VN053925.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053925.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053925.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 18.985 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN054066.D

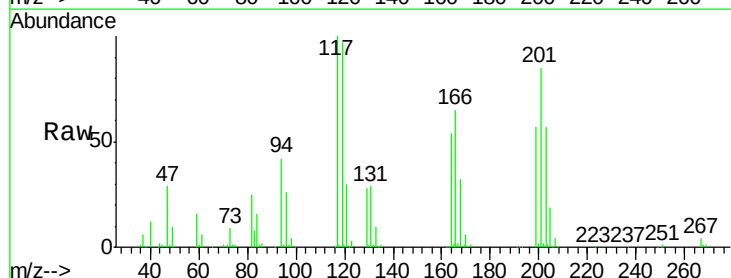
Acq: 4 Mar 2019 15:33

Tgt Ion: 117 Resp: 92463

Ion Ratio Lower Upper

117 100

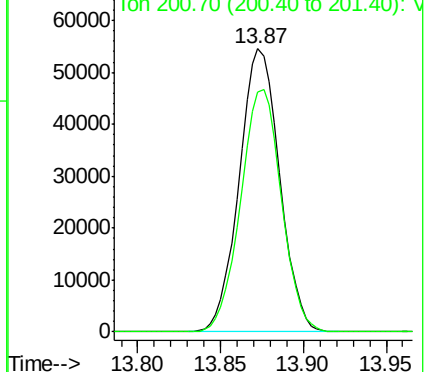
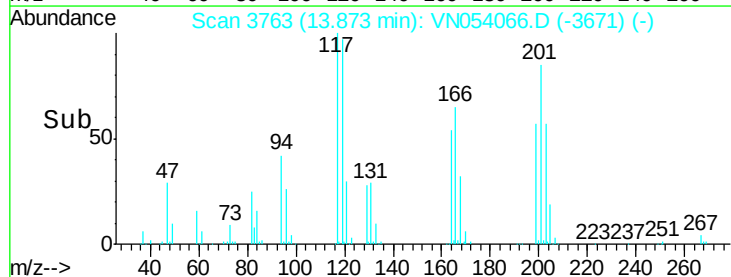
201 86.3 48.0 144.2

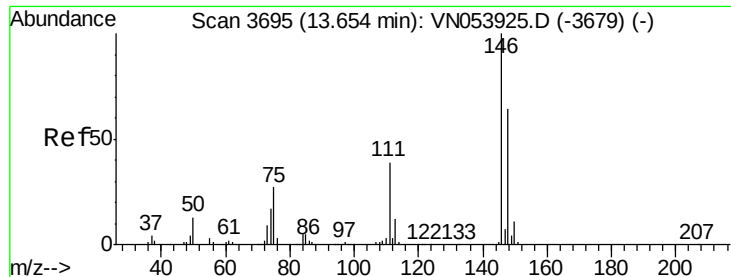


Abundance Ion 116.80 (116.50 to 117.50): VN053925.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053925.D (-3749) (-)

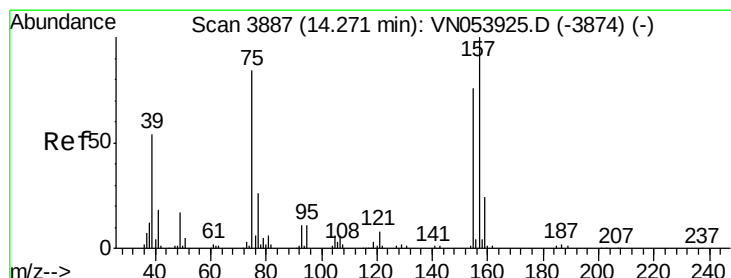
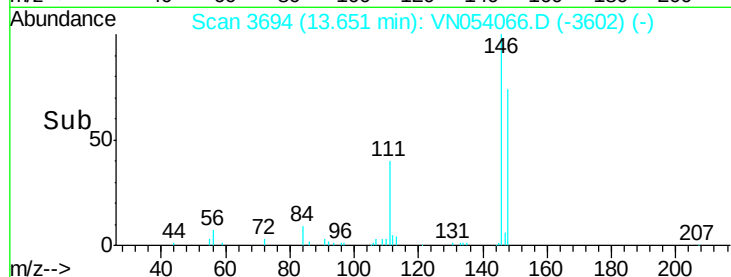
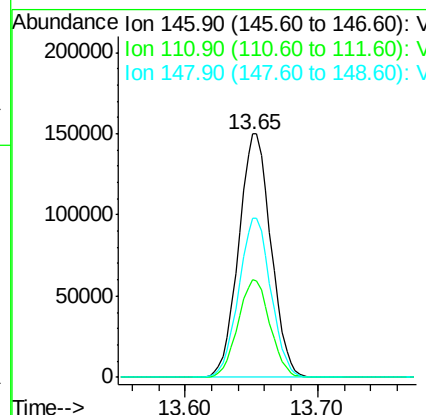
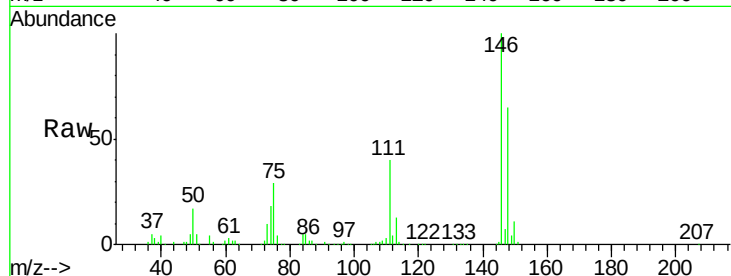
Time-->





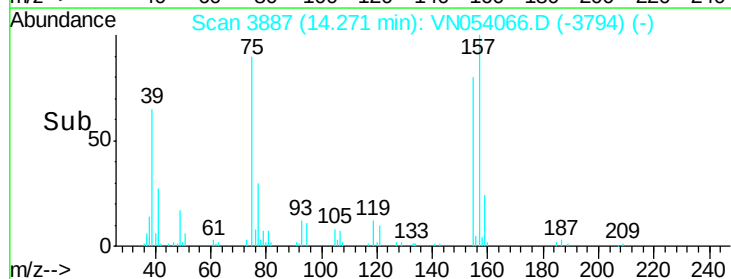
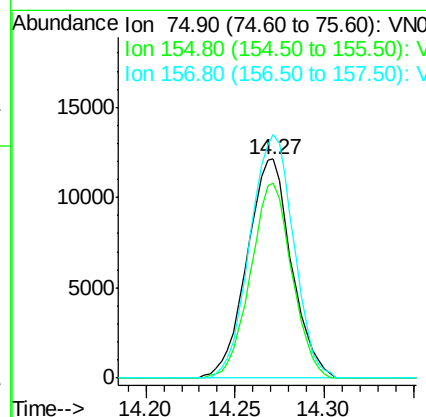
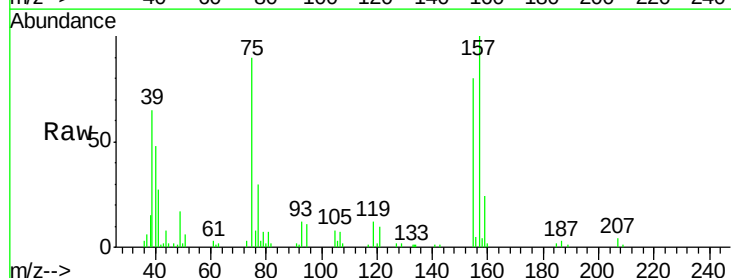
#91
 1,2-Dichlorobenzene
 Concen: 19.803 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

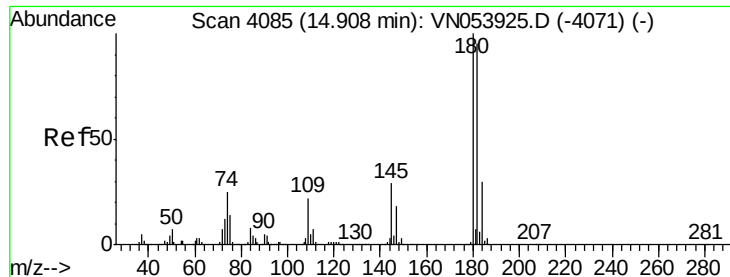
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.5
148	65.0	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.826 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

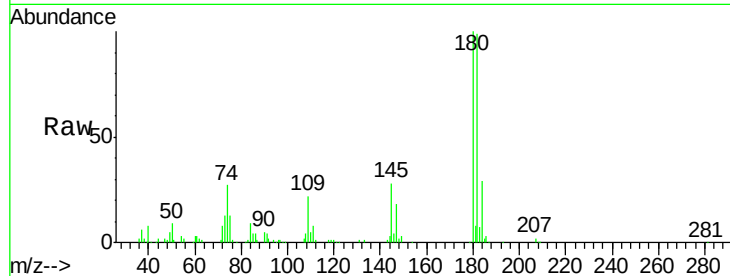
Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.0	49.5	148.5
157	109.5	64.8	194.6



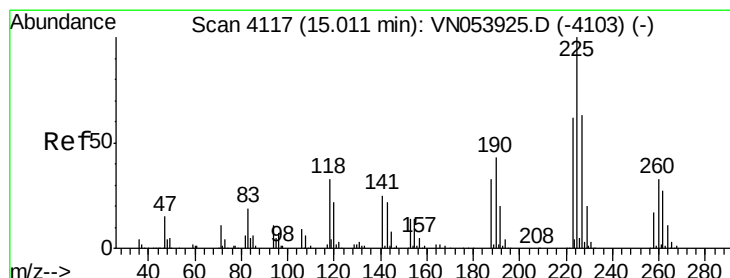
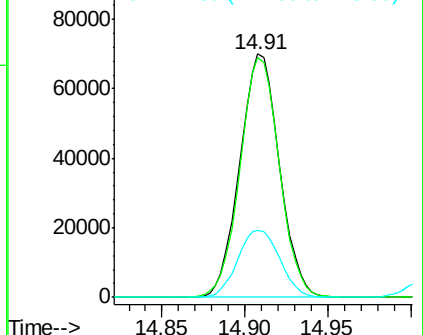
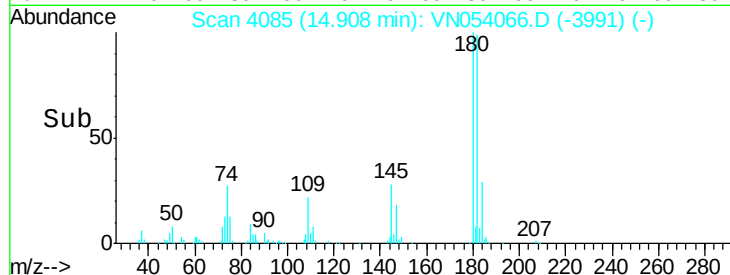


#93
 1,2,4-Trichlorobenzene
 Concen: 17.870 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tot Ion:180 Resp: 116241
 Ion Ratio Lower Upper
 180 100
 182 97.6 48.6 145.9
 145 29.3 13.8 41.3

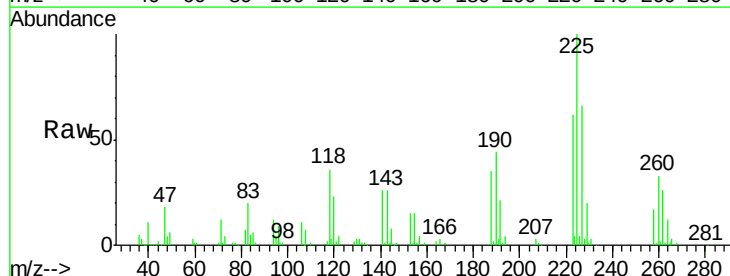


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

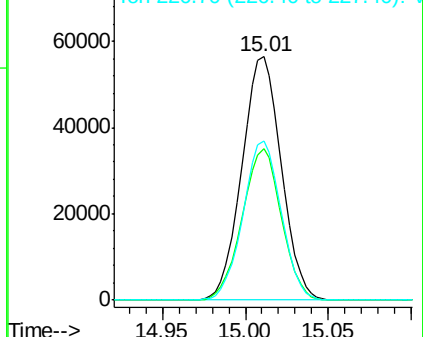
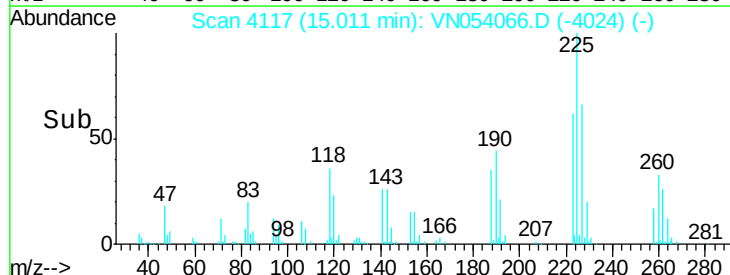


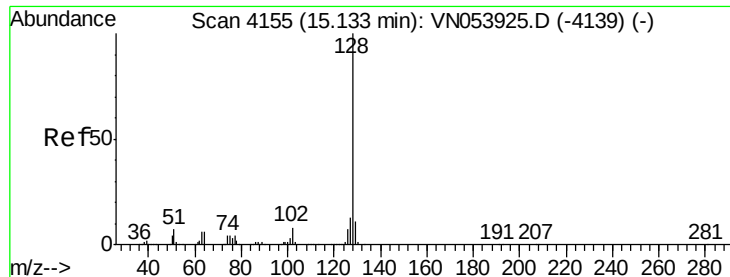
#94
 Hexachlorobutadiene
 Concen: 20.242 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN054066.D
 Acq: 4 Mar 2019 15:33

Tgt Ion:225 Resp: 93460
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 63.2 32.5 97.4



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: 16.474 ug/l

RT: 15.13 min Scan# 4155

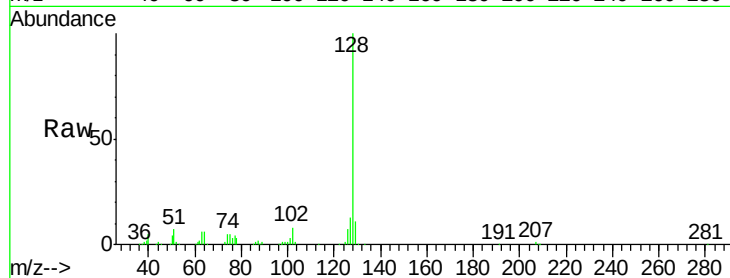
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tot Ion:128 Resp: 216720

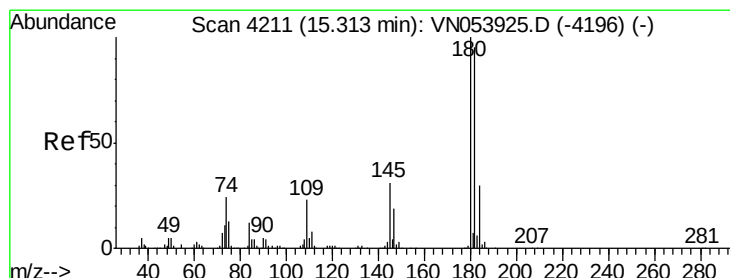
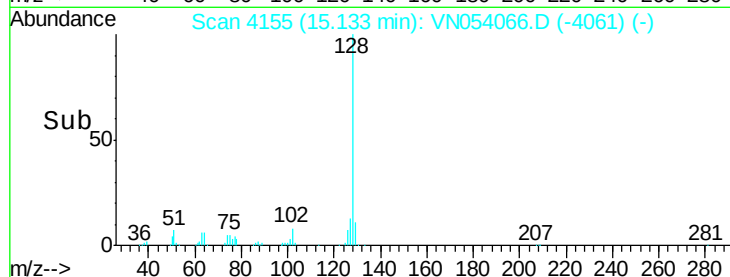
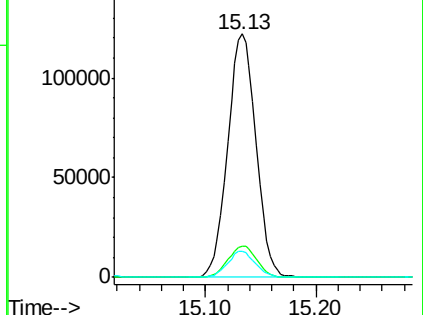
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	10.5	8.6	12.8



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: 18.007 ug/l

RT: 15.31 min Scan# 4211

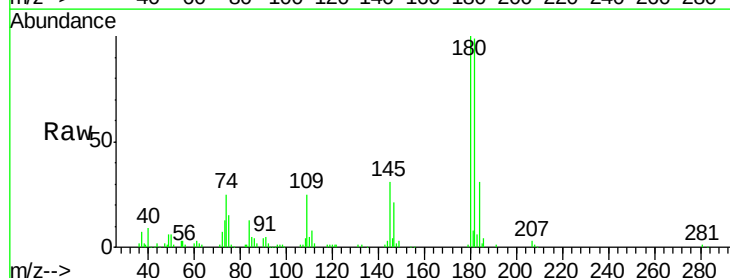
Delta R.T. 0.00 min

Lab File: VN054066.D

Acq: 4 Mar 2019 15:33

Tgt Ion:180 Resp: 115605

Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.3	141.8
145	31.1	14.4	43.0



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

