

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051365.D
 Acq On : 21 Sep 2018 13:23
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 21 22:59:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	746702	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	950096	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	468617	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	361662	44.69	ug/l	0.00
Spiked Amount			Recovery	=	89.38%	
35) Dibromofluoromethane	7.59	113	369361	48.11	ug/l	0.00
Spiked Amount			Recovery	=	96.22%	
50) Toluene-d8	10.09	98	1399293	47.41	ug/l	0.00
Spiked Amount			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.40	95	456759	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	299088	47.932	ug/l	98
3) Chloromethane	2.06	50	375191	47.828	ug/l	99
4) Vinyl Chloride	2.18	62	415907	47.286	ug/l	98
5) Bromomethane	2.56	94	252968	41.232	ug/l	98
6) Chloroethane	2.70	64	255654	47.296	ug/l	98
7) Trichlorofluoromethane	3.01	101	591701	47.056	ug/l	99
8) Diethyl Ether	3.41	74	191046	47.485	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	373781	48.445	ug/l	99
10) Methyl Iodide	3.95	142	504751	44.204	ug/l	99
11) Tert butyl alcohol	4.78	59	93912	218.874	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	330902	47.375	ug/l	97
13) Acrolein	3.61	56	109963	208.306	ug/l	99
14) Allyl chloride	4.32	41	473502	48.097	ug/l	99
15) Acrylonitrile	4.99	53	506960	233.149	ug/l	99
16) Acetone	3.82	43	360723	248.251	ug/l	99
17) Carbon Disulfide	4.05	76	985837	46.842	ug/l	100
18) Methyl Acetate	4.32	43	226482	47.432	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	846833	50.096	ug/l	100
20) Methylene Chloride	4.55	84	377200	45.341	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	365518	49.549	ug/l	99
22) Diisopropyl ether	5.95	45	971686	49.967	ug/l	96
23) Vinyl Acetate	5.90	43	3157880	251.050	ug/l	100
24) 1,1-Dichloroethane	5.85	63	631714	47.655	ug/l	100
25) 2-Butanone	6.83	43	540145	233.590	ug/l	99
26) 2,2-Dichloropropane	6.82	77	537776	49.096	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	407029	49.793	ug/l	98
28) Bromochloromethane	7.19	49	272078	49.522	ug/l	98
29) Tetrahydrofuran	7.21	42	345679	235.963	ug/l	99
30) Chloroform	7.37	83	663518	47.628	ug/l	99
31) Cyclohexane	7.65	56	576994	49.503	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	584397	48.687	ug/l	99
36) 1,1-Dichloropropene	7.79	75	509349	52.411	ug/l	99
37) Ethyl Acetate	6.93	43	241609	50.217	ug/l	99
38) Carbon Tetrachloride	7.77	117	538619	51.231	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	647320	57.072	ug/l	98
40) Benzene	8.04	78	1515939	51.769	ug/l	98
41) Methacrylonitrile	7.17	41	134239	53.558	ug/l	95
42) 1,2-Dichloroethane	8.12	62	443456	50.133	ug/l	100
43) Isopropyl Acetate	8.16	43	431847	51.252	ug/l	100
44) Trichloroethene	8.84	130	432473	51.448	ug/l	99
45) 1,2-Dichloropropane	9.12	63	381639	50.931	ug/l	97
46) Dibromomethane	9.21	93	230516	49.904	ug/l	99
47) Bromodichloromethane	9.40	83	503580	51.110	ug/l	99
48) Methyl methacrylate	9.20	41	216264	50.345	ug/l	97
49) 1,4-Dioxane	9.20	88	62953	990.992	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	1173631	258.943	ug/l	99
52) Toluene	10.16	92	975195	54.085	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	502962	53.167	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	590366	53.897	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	335436	49.597	ug/l	99
56) Ethyl methacrylate	10.43	69	388544	47.588	ug/l	99
57) 1,3-Dichloropropane	10.71	76	545246	51.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1010709	247.699	ug/l	98
59) 2-Hexanone	10.75	43	796591	260.693	ug/l	100
60) Dibromochloromethane	10.90	129	407722	51.696	ug/l	100
61) 1,2-Dibromoethane	11.00	107	327834	50.419	ug/l	99
64) Tetrachloroethene	10.63	164	409020	54.081	ug/l	98
65) Chlorobenzene	11.43	112	1097945	52.988	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	413267	52.390	ug/l	99
67) Ethyl Benzene	11.51	91	1819228	56.123	ug/l	100
68) m/p-Xylenes	11.62	106	1460704	114.701	ug/l	100
69) o-Xylene	11.95	106	693981	56.529	ug/l	98
70) Styrene	11.96	104	1111932	51.890	ug/l	100
71) Bromoform	12.13	173	283397	52.936	ug/l #	100
73) Isopropylbenzene	12.25	105	1849407	53.848	ug/l	100
74) N-amyl acetate	12.07	43	357716	48.684	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	381695	51.865	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	465503	75.841	ug/l #	100
77) Bromobenzene	12.53	156	482022	50.797	ug/l	99
78) n-propylbenzene	12.59	91	2062522	55.085	ug/l	100
79) 2-Chlorotoluene	12.67	91	1204738	52.210	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1539985	55.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	107883	51.615	ug/l	98
82) 4-Chlorotoluene	12.77	91	1215572	54.200	ug/l	100
83) tert-Butylbenzene	12.99	119	1358073	54.496	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1574729	56.985	ug/l	99
85) sec-Butylbenzene	13.17	105	1838104	55.463	ug/l	99
86) p-Isopropyltoluene	13.29	119	1654031	57.348	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	835213	52.365	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	815852	52.766	ug/l	100
89) n-Butylbenzene	13.62	91	1296435	51.813	ug/l	100
90) Hexachloroethane	13.88	117	298385	48.308	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	797664	51.770	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	52799	47.033	ug/l	96

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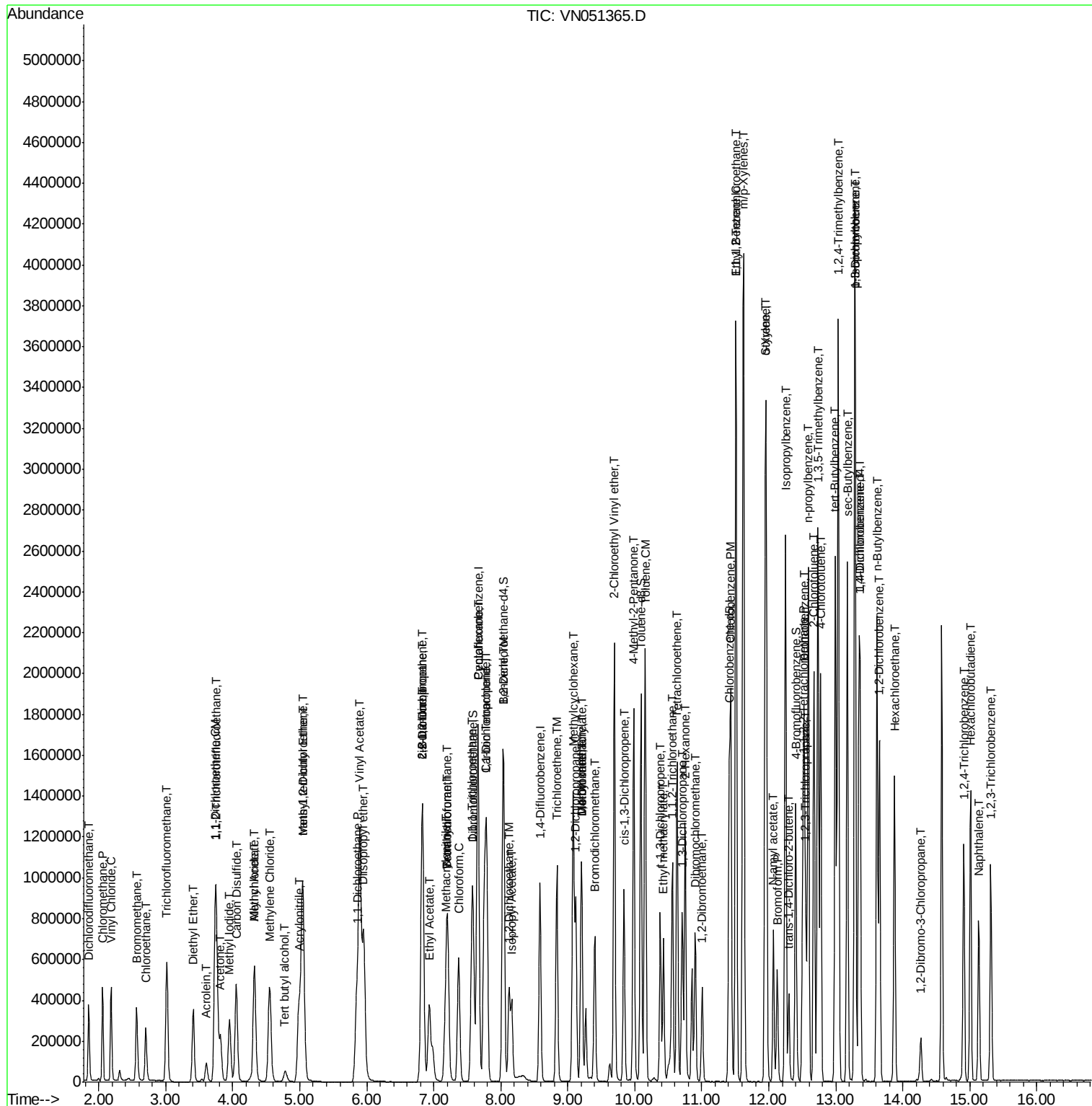
Quant Time: Sep 21 22:59:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
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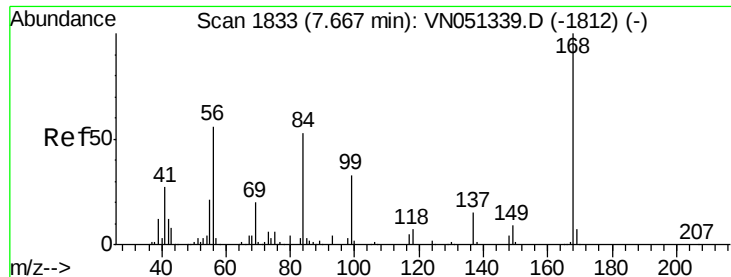
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	426182	48.095	ug/l	99
94) Hexachlorobutadiene	15.01	225	321543	53.773	ug/l	99
95) Naphthalene	15.13	128	708637	43.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	412023	48.705	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051365.D

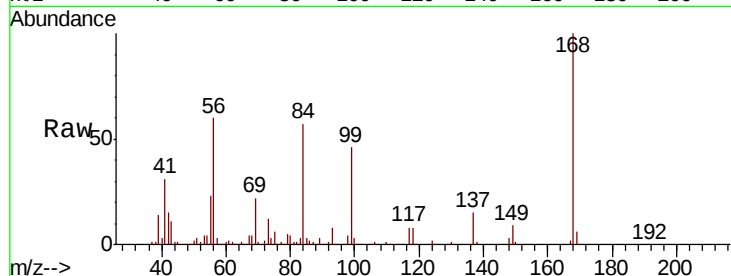
Acq: 21 Sep 2018 13:23

Tot Ion:168 Resp: 746702

Ion Ratio Lower Upper

168 100

99 46.1 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

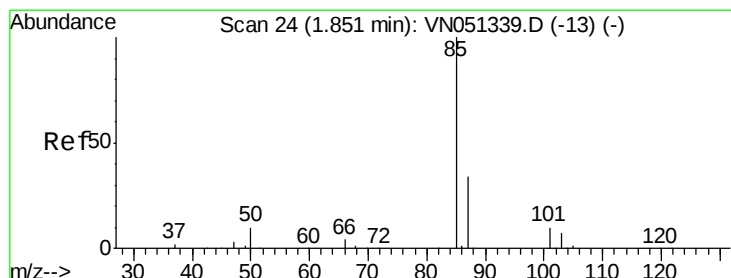
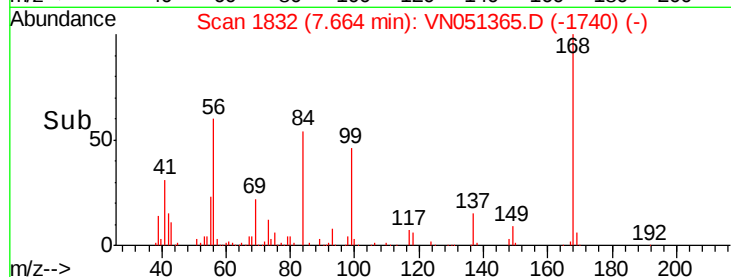
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#2

Dichlorodifluoromethane

Concen: 47.932 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051365.D

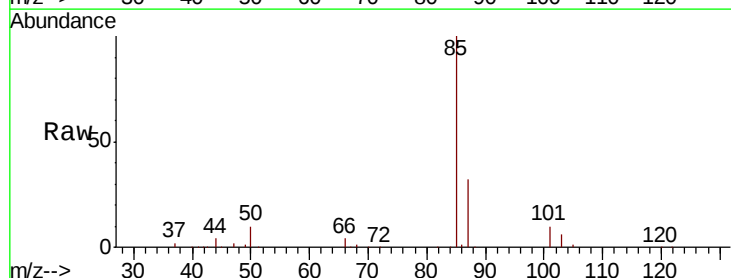
Acq: 21 Sep 2018 13:23

Tgt Ion: 85 Resp: 299088

Ion Ratio Lower Upper

85 100

87 32.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

250000

200000

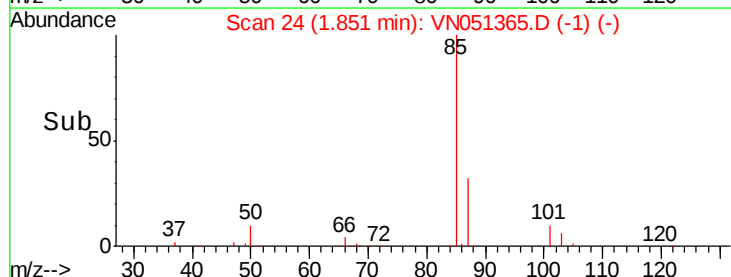
150000

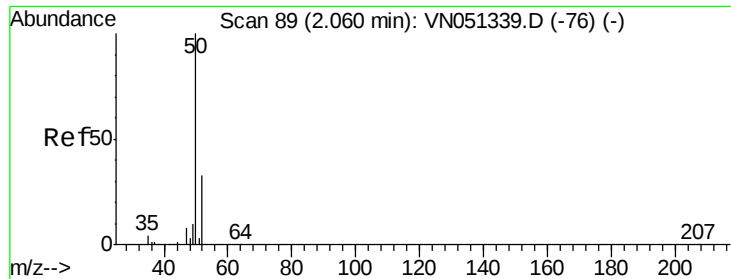
100000

50000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 47.828 ug/l

RT: 2.06 min Scan# 88

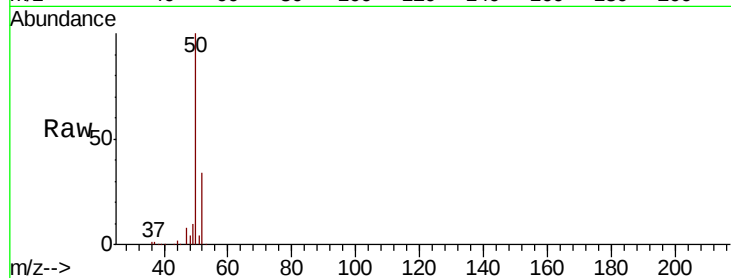
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tot Ion: 50 Resp: 375191

Ion	Ratio	Lower	Upper
50	100		
52	33.9	26.7	40.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

300000

250000

200000

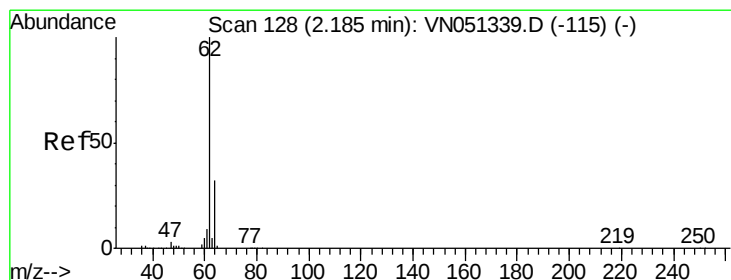
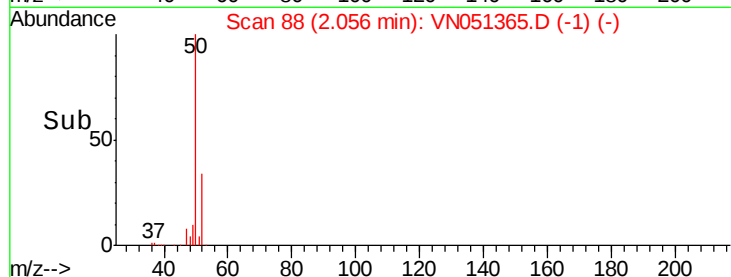
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.286 ug/l

RT: 2.18 min Scan# 128

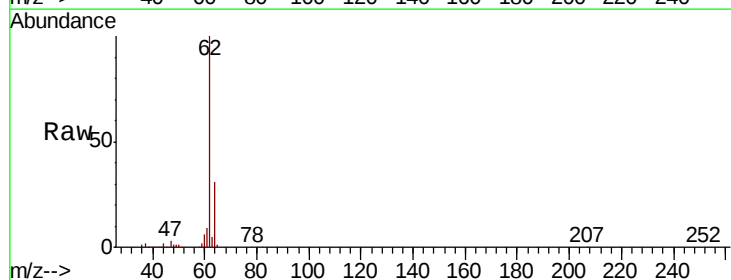
Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tgt Ion: 62 Resp: 415907

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.9	38.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.18

300000

250000

200000

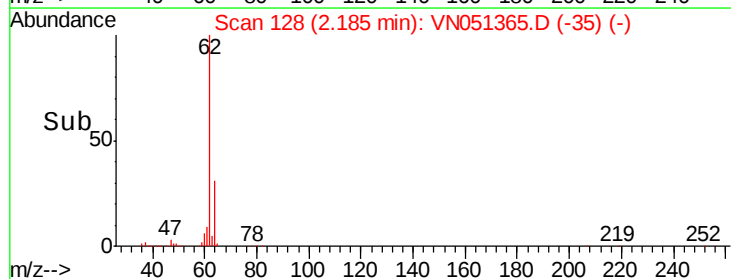
150000

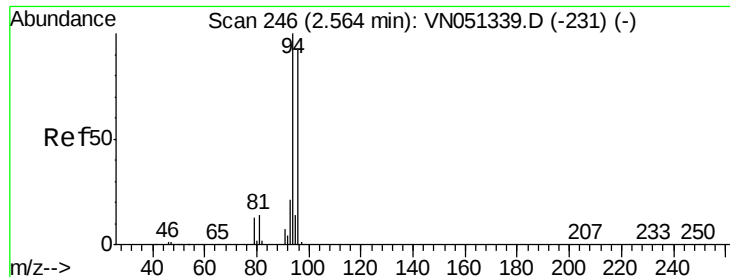
100000

50000

0

Time-->





#5

Bromomethane

Concen: 41.232 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051365.D

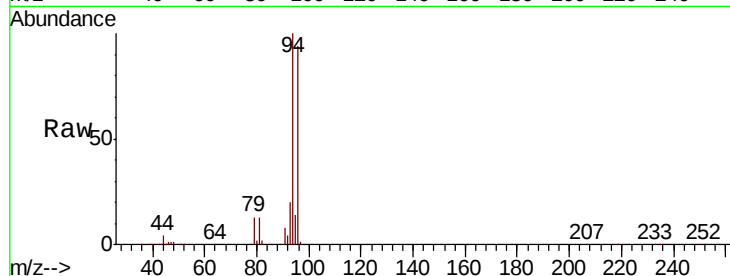
Acq: 21 Sep 2018 13:23

Tot Ion: 94 Resp: 252968

Ion Ratio Lower Upper

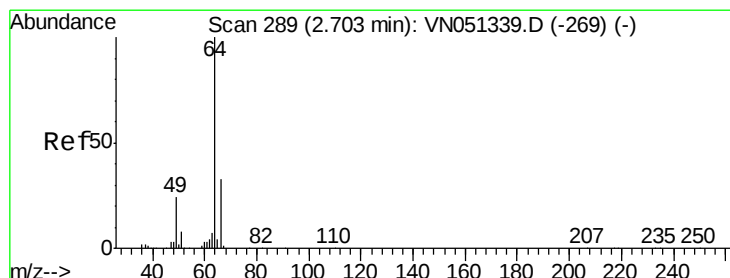
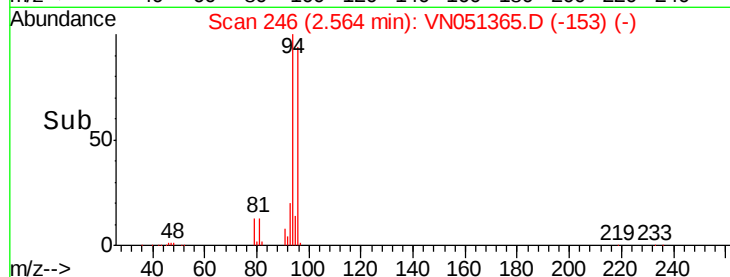
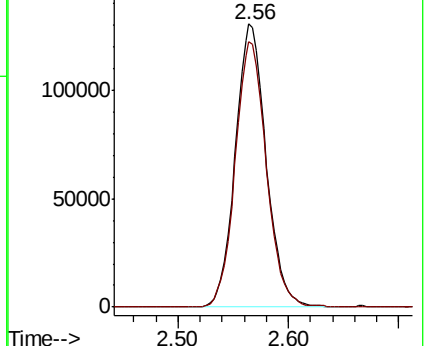
94 100

96 93.9 73.8 110.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.296 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN051365.D

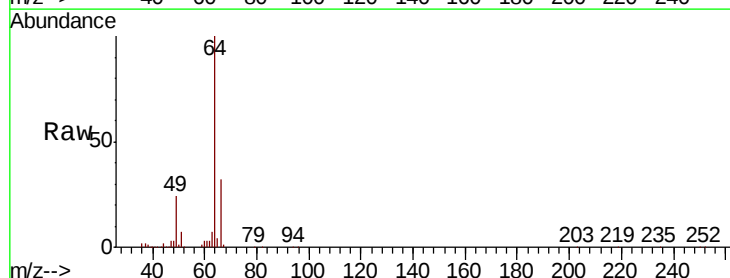
Acq: 21 Sep 2018 13:23

Tgt Ion: 64 Resp: 255654

Ion Ratio Lower Upper

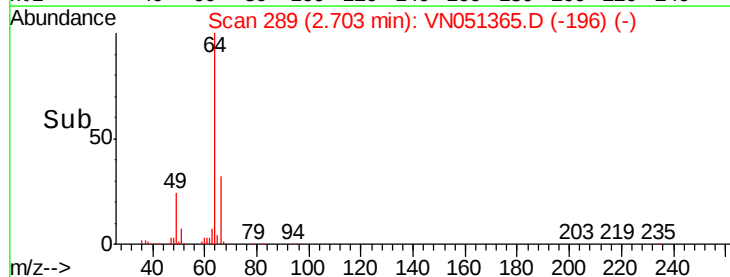
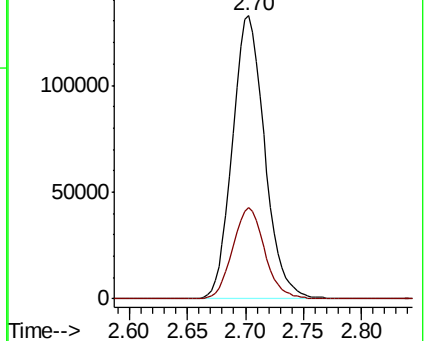
64 100

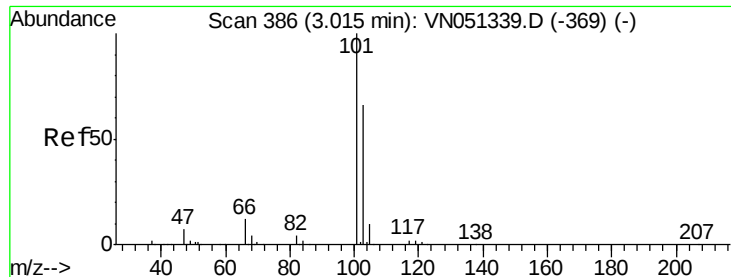
66 32.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

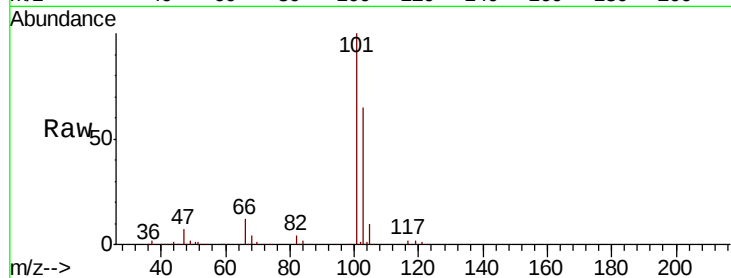




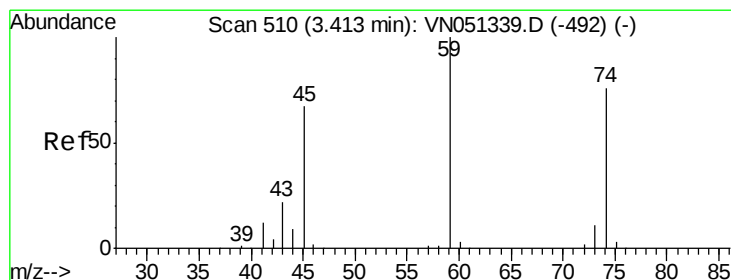
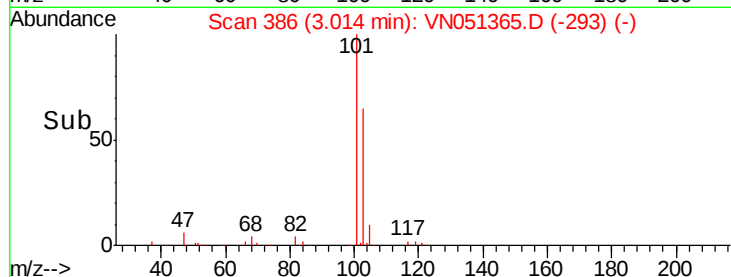
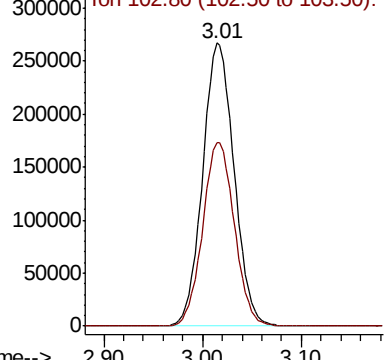
#7

Trichlorofluoromethane
Concen: 47.056 ug/l
RT: 3.01 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion:101 Resp: 591701
Ion Ratio Lower Upper
101 100
103 64.8 52.7 79.1



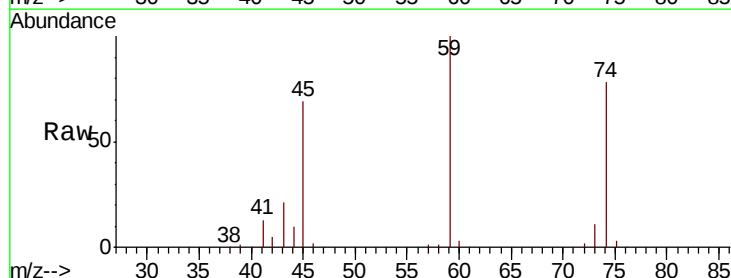
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



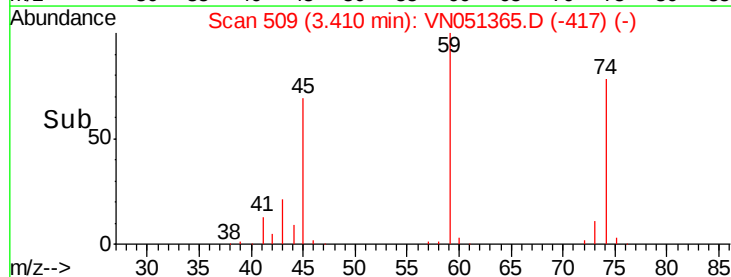
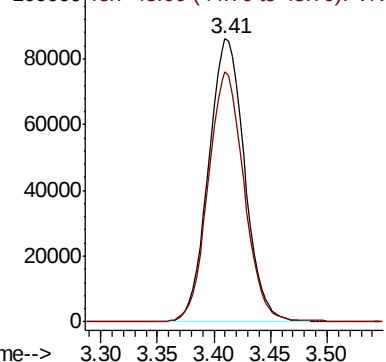
#8

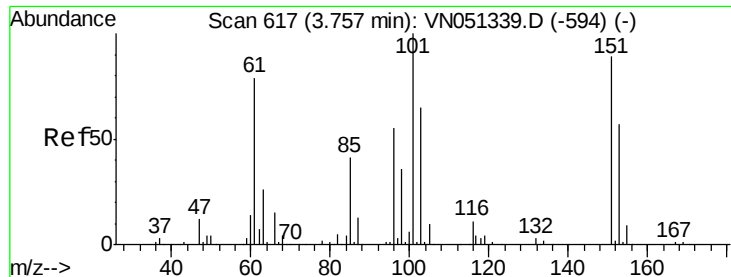
Diethyl Ether
Concen: 47.485 ug/l
RT: 3.41 min Scan# 509
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 74 Resp: 191046
Ion Ratio Lower Upper
74 100
45 87.8 44.1 132.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.445 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

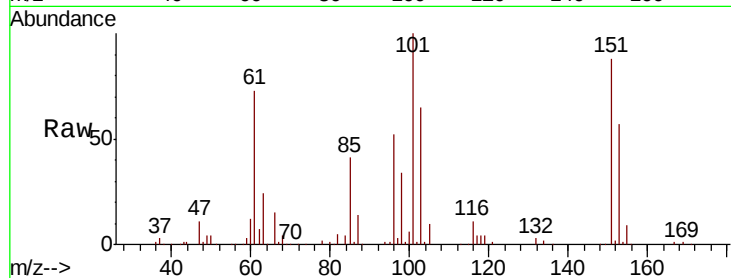
Tot Ion:101 Resp: 373781

Ion Ratio Lower Upper

101 100

85 41.5 33.4 50.2

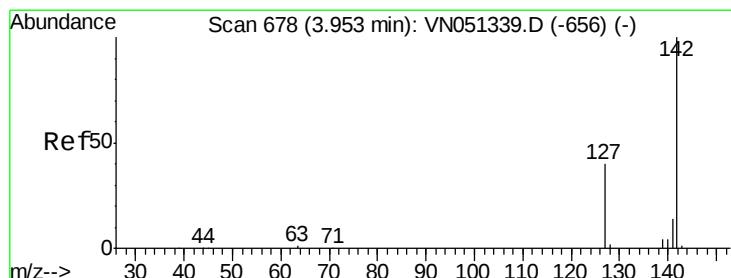
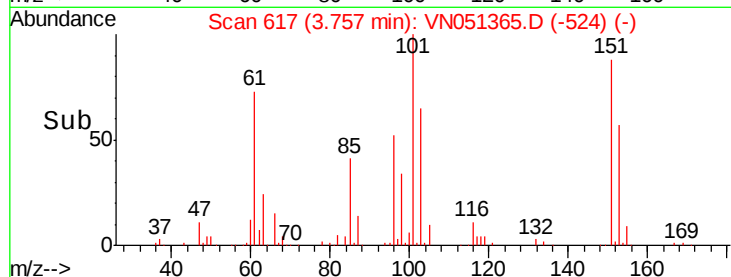
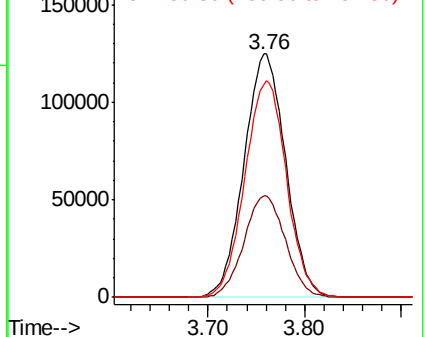
151 89.0 71.8 107.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 44.204 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

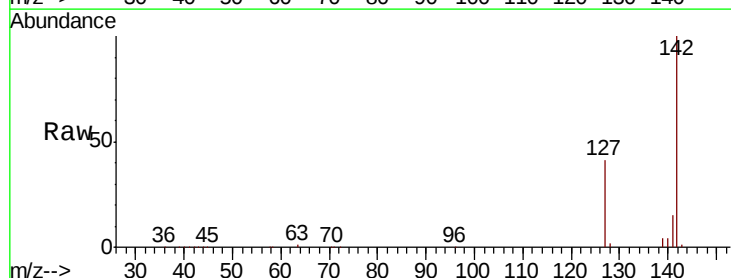
Tgt Ion:142 Resp: 504751

Ion Ratio Lower Upper

142 100

127 40.6 31.9 47.9

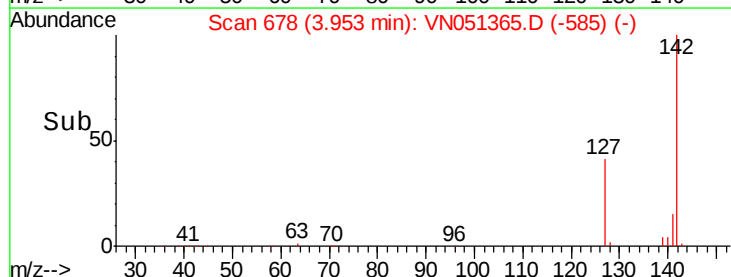
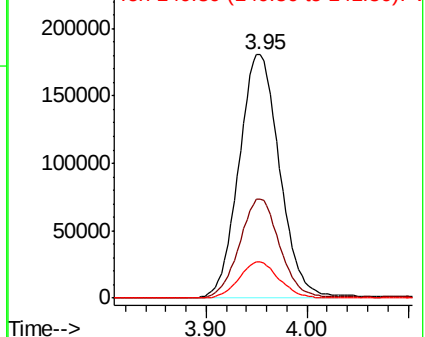
141 14.6 11.4 17.0

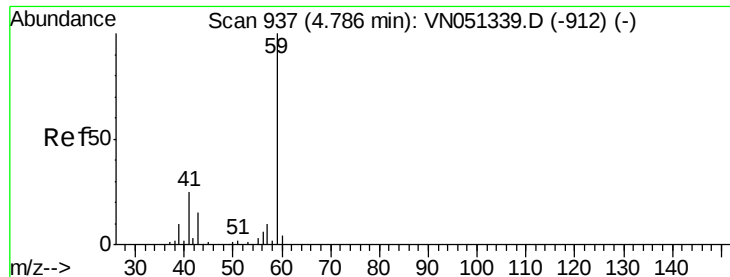


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

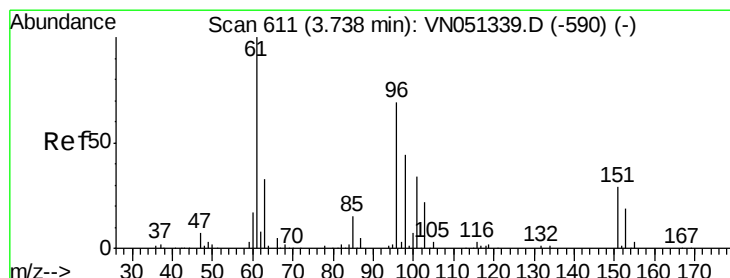
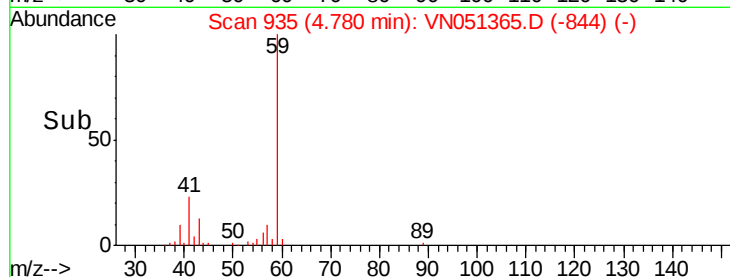
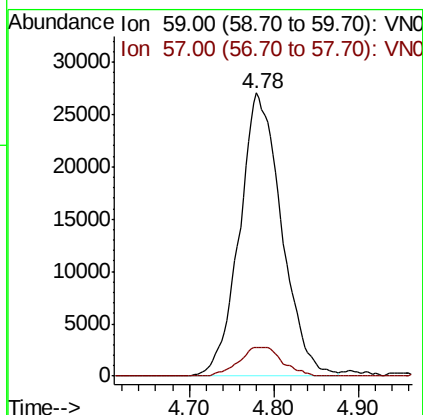
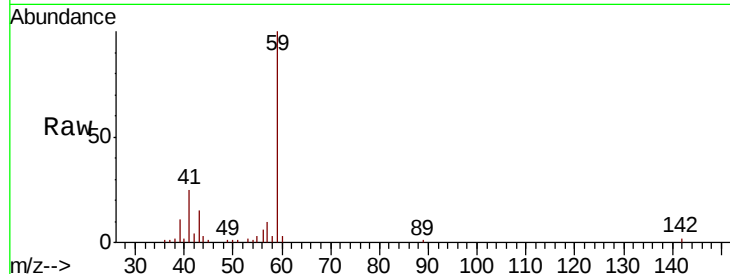




#11

Tert butyl alcohol
Concen: 218.874 ug/l
RT: 4.78 min Scan# 935
Delta R.T. -0.01 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

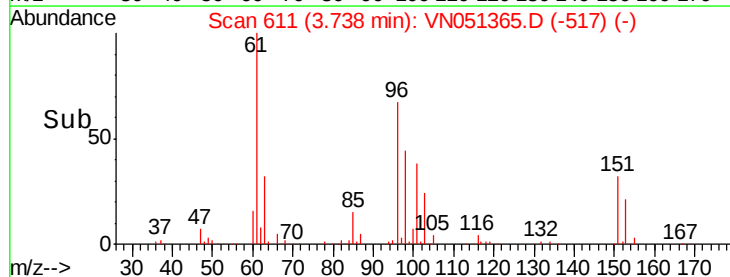
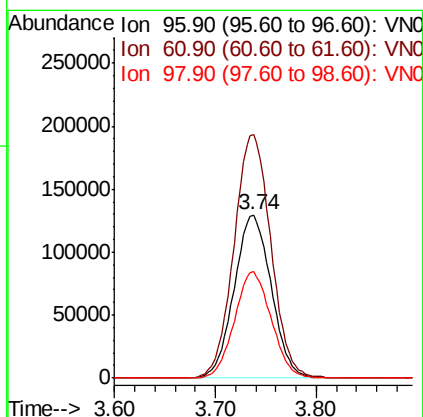
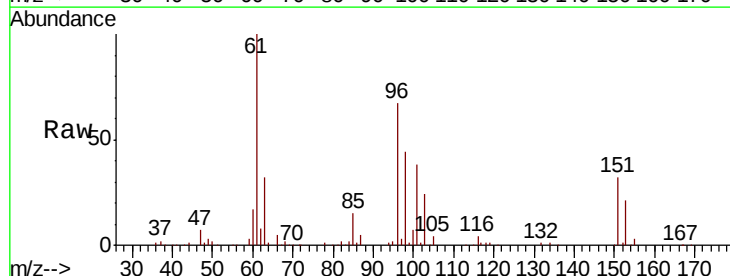
Tot Ion: 59 Resp: 93912
Ion Ratio Lower Upper
59 100
57 5.1 8.3 12.5#

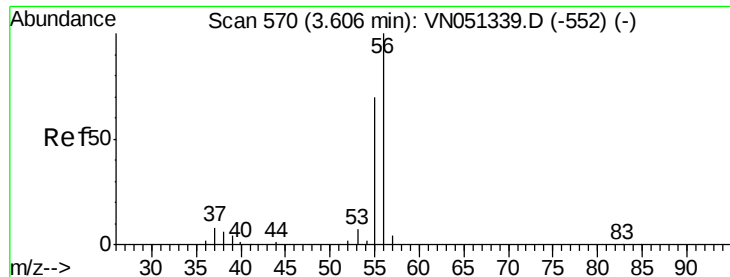


#12

1,1-Dichloroethene
Concen: 47.375 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 96 Resp: 330902
Ion Ratio Lower Upper
96 100
61 149.0 116.4 174.6
98 65.0 50.9 76.3





#13

Acrolein

Concen: 208.306 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051365.D

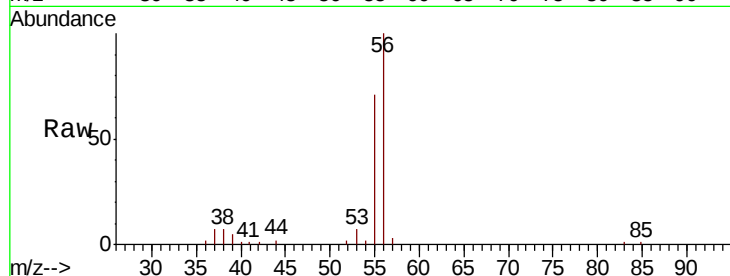
Acq: 21 Sep 2018 13:23

Tot Ion: 56 Resp: 109963

Ion Ratio Lower Upper

56 100

55 71.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

40000

30000

20000

10000

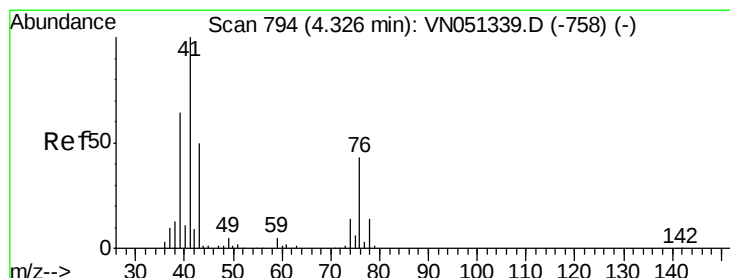
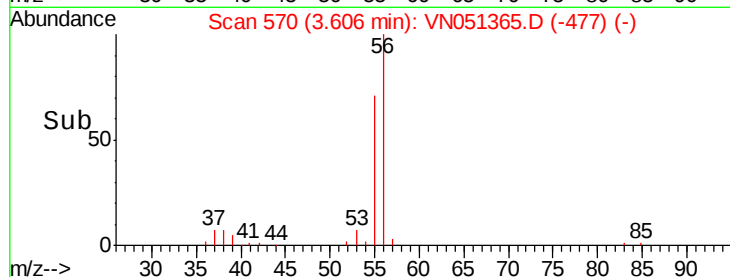
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 48.097 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

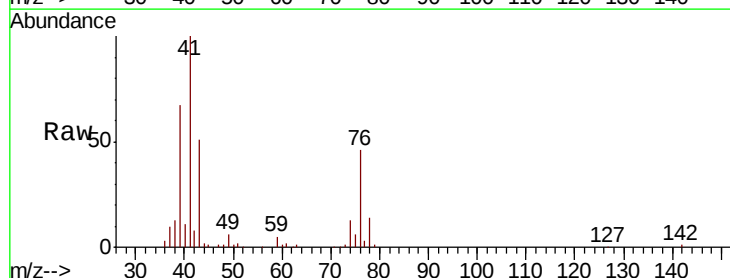
Tgt Ion: 41 Resp: 473502

Ion Ratio Lower Upper

41 100

39 62.9 50.4 75.6

76 41.4 32.4 48.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.32

200000

150000

100000

50000

0

Time-->

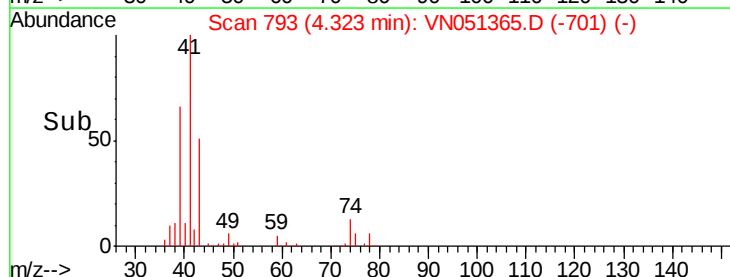
4.10

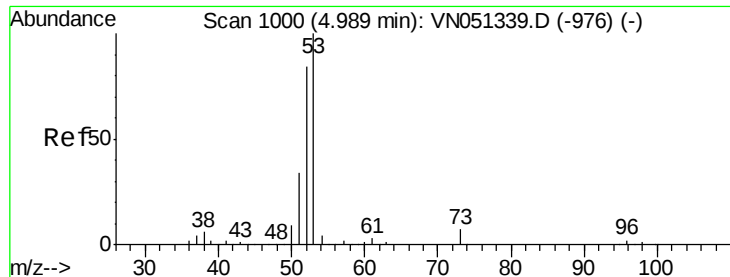
4.20

4.30

4.40

4.50





#15

Acrylonitrile

Concen: 233.149 ug/l

RT: 4.99 min Scan# 999

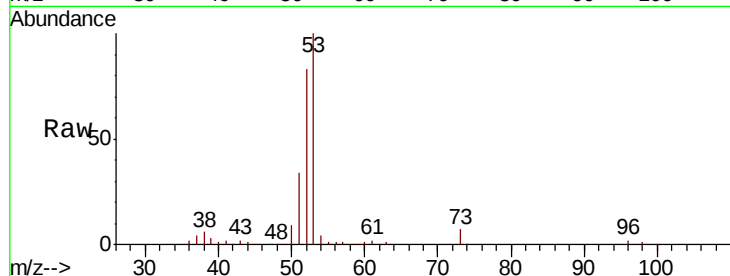
Delta R.T. -0.01 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tot Ion: 53 Resp: 506960

Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.4	98.0
51	35.4	28.3	42.5

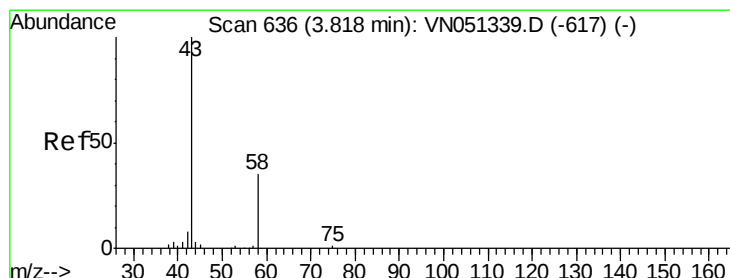
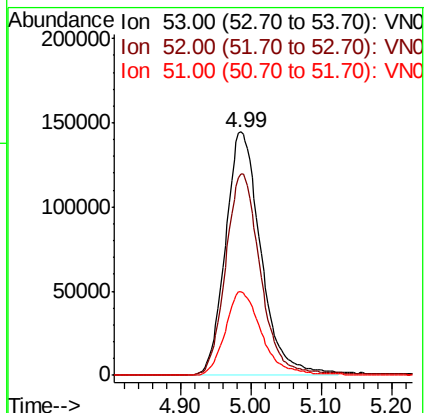
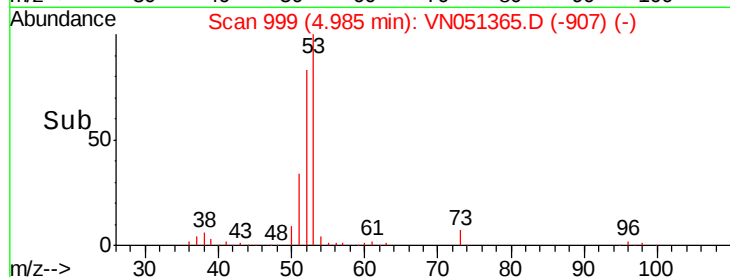


Abundance

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: 248.251 ug/l

RT: 3.82 min Scan# 636

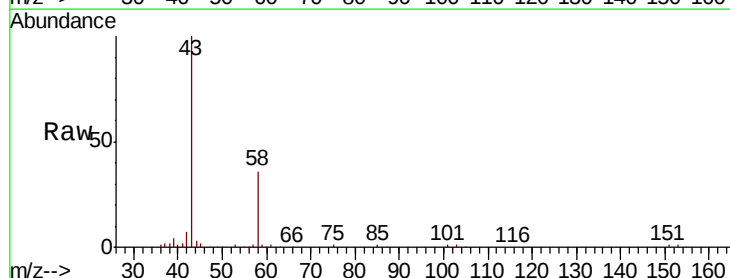
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tgt Ion: 43 Resp: 360723

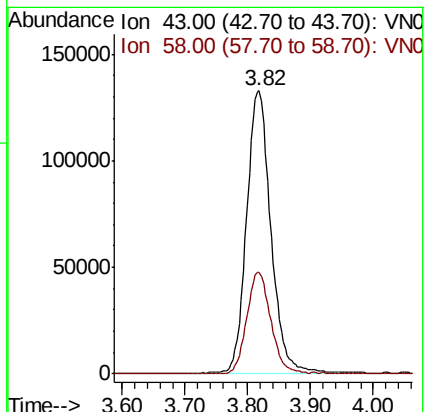
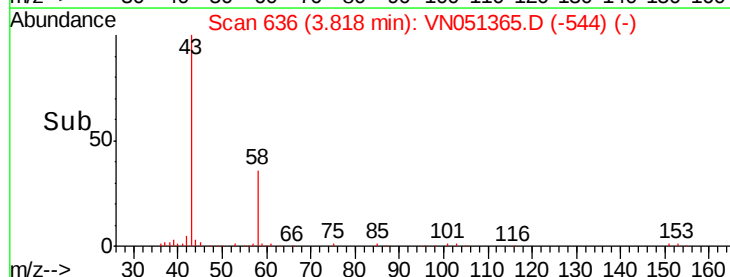
Ion	Ratio	Lower	Upper
43	100		
58	36.0	28.3	42.5

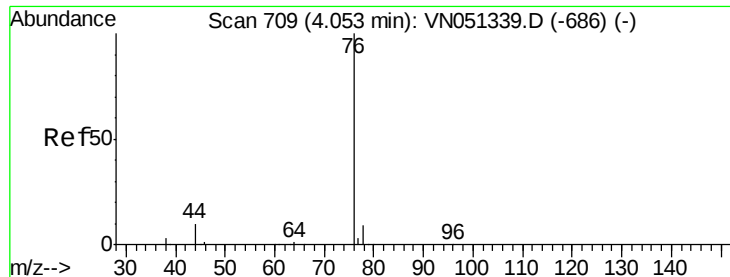


Abundance

Ion 43.00 (42.70 to 43.70): VN0

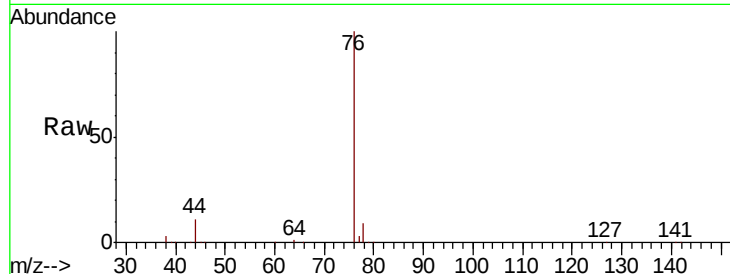
Ion 58.00 (57.70 to 58.70): VN0



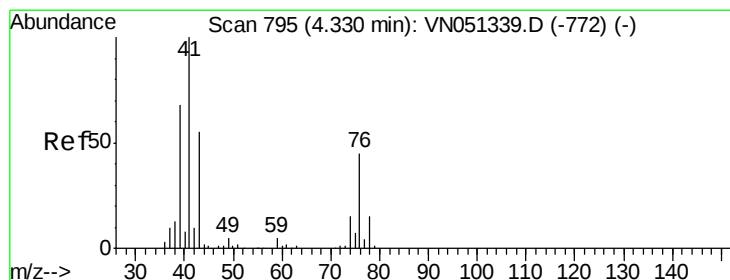
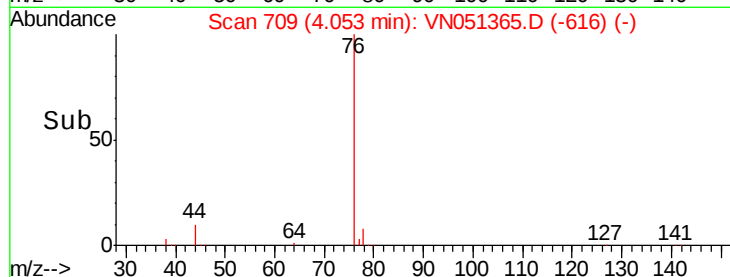
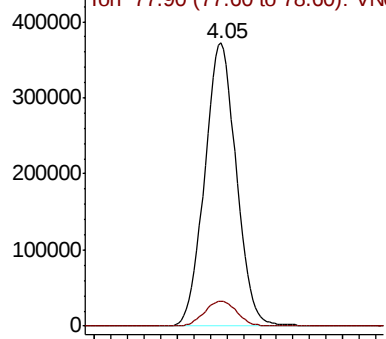


#17
Carbon Disulfide
Concen: 46.842 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion: 76 Resp: 985837
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6

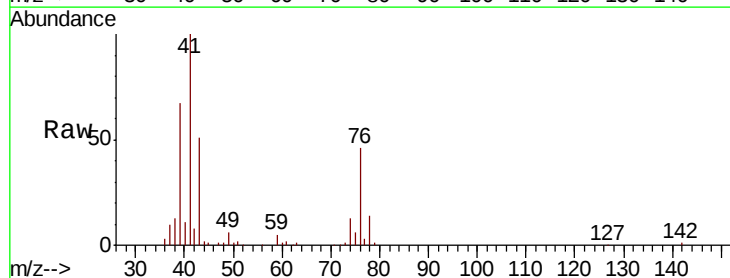


Abundance Ion 75.90 (75.60 to 76.60): VNC
Ion 77.90 (77.60 to 78.60): VNC

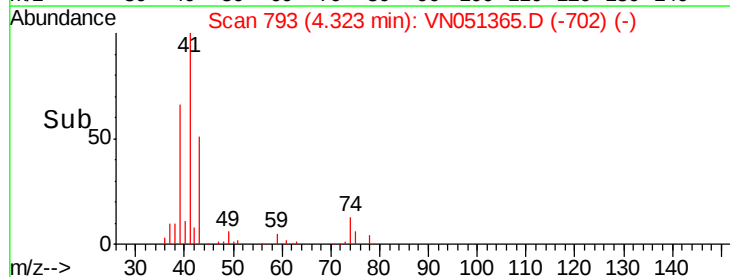
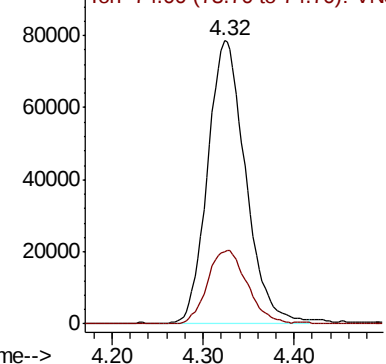


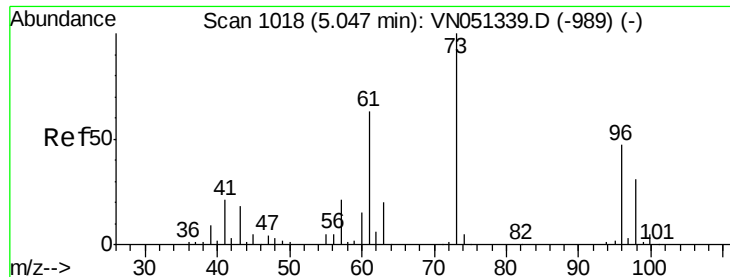
#18
Methyl Acetate
Concen: 47.432 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.01 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 43 Resp: 226482
Ion Ratio Lower Upper
43 100
74 27.3 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 74.00 (73.70 to 74.70): VNC

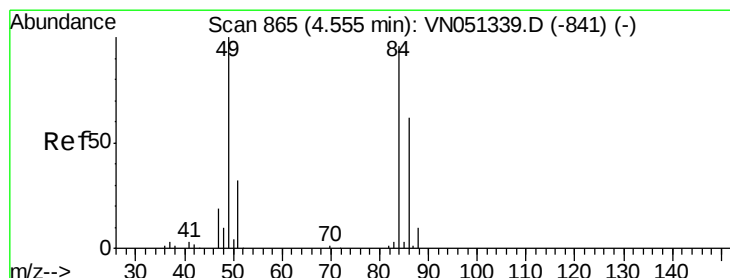
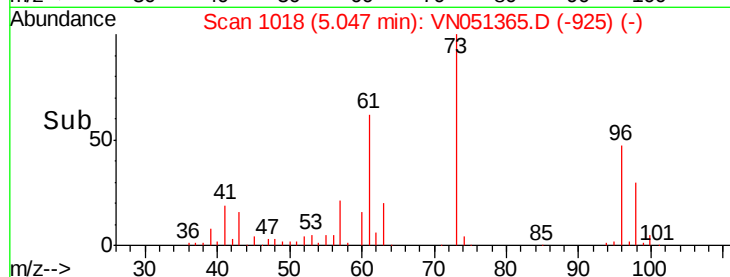
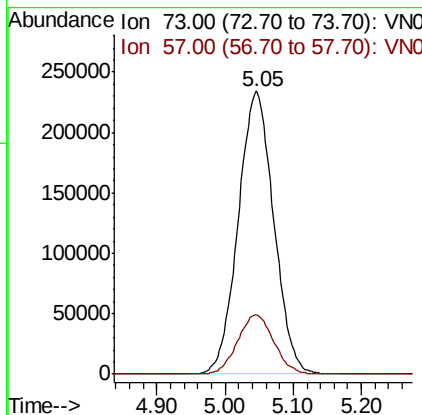
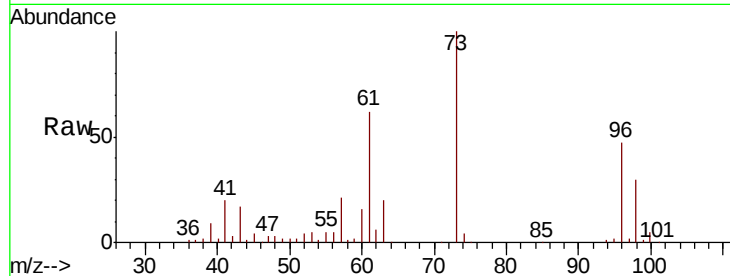




#19

Methyl tert-butyl Ether
 Concen: 50.096 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

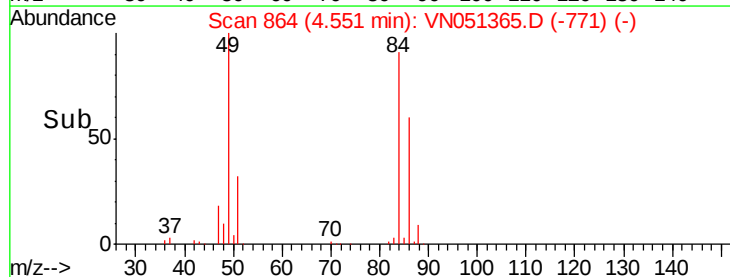
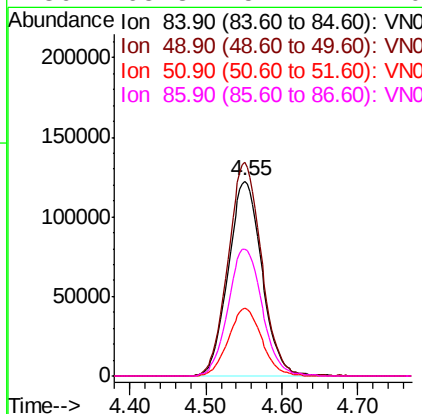
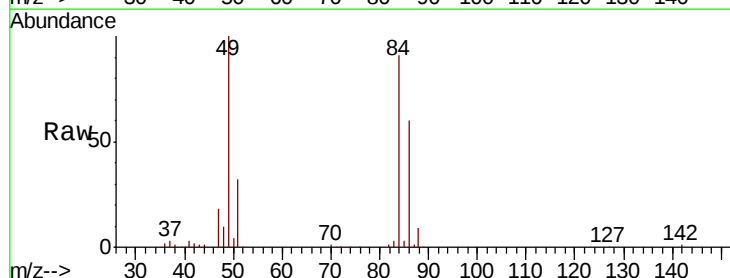
Tot Ion: 73 Resp: 846833
 Ion Ratio Lower Upper
 73 100
 57 21.1 16.9 25.3

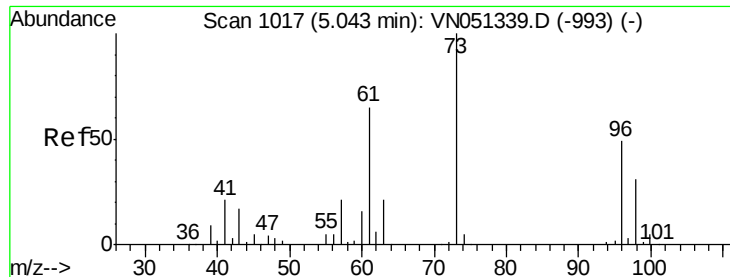


#20

Methylene Chloride
 Concen: 45.341 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tgt Ion: 84 Resp: 377200
 Ion Ratio Lower Upper
 84 100
 49 109.7 83.2 124.8
 51 35.0 26.4 39.6
 86 65.3 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 49.549 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

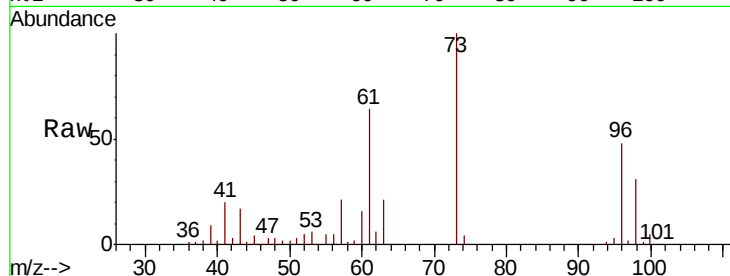
Tot Ion: 96 Resp: 365518

Ion Ratio Lower Upper

96 100

61 132.0 106.2 159.4

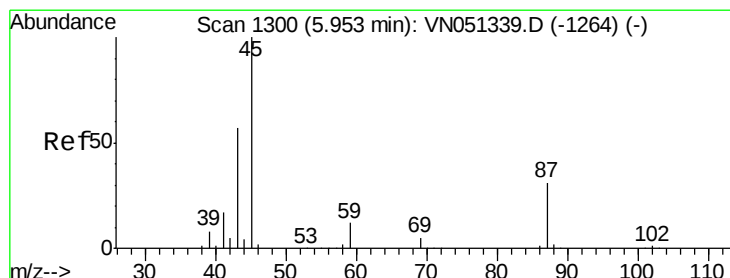
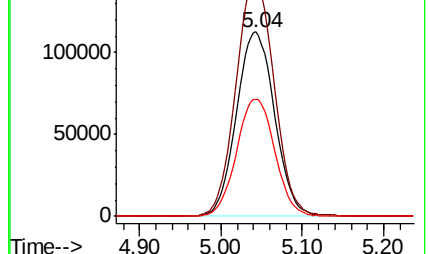
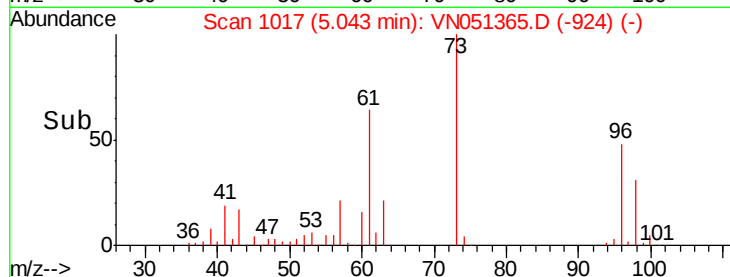
98 63.7 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN051339.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN051339.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN051339.D (-993) (-)



#22

Diisopropyl ether

Concen: 49.967 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tgt Ion: 45 Resp: 971686

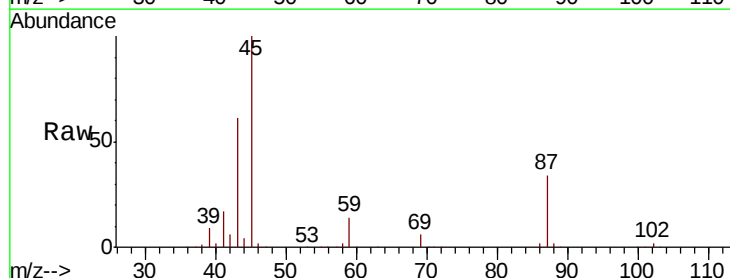
Ion Ratio Lower Upper

45 100

43 60.5 46.1 69.1

87 34.0 25.6 38.4

59 13.3 9.9 14.9

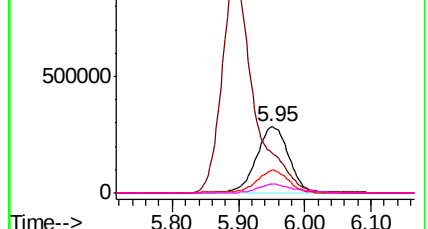
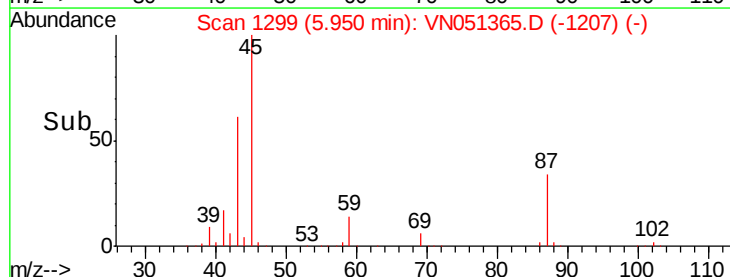


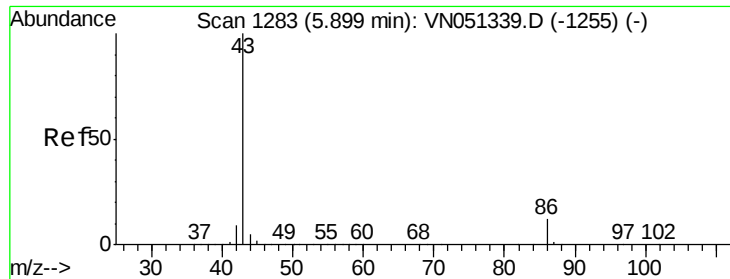
Abundance Ion 45.00 (44.70 to 45.70): VN051339.D (-1264) (-)

Ion 43.00 (42.70 to 43.70): VN051339.D (-1264) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1264) (-)

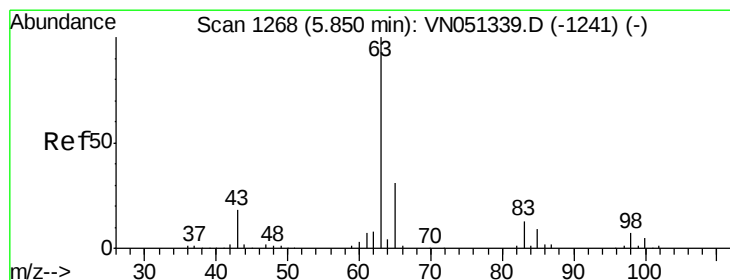
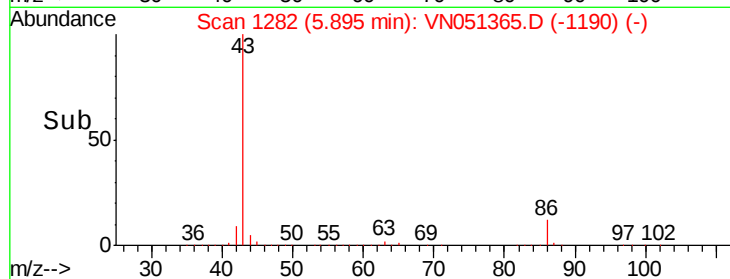
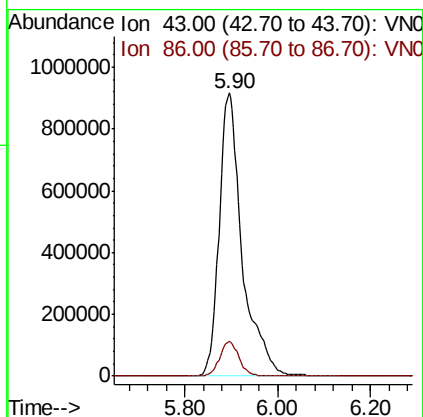
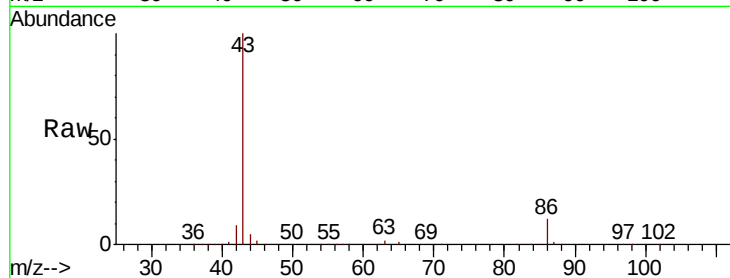
Ion 59.00 (58.70 to 59.70): VN051339.D (-1264) (-)





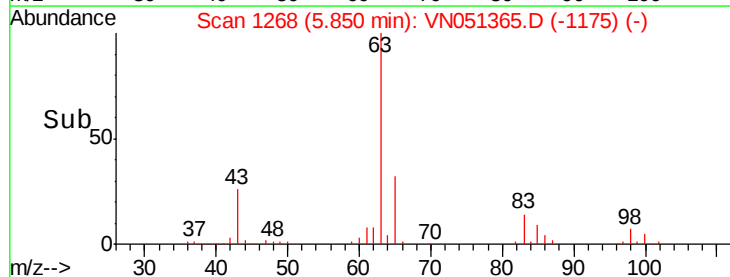
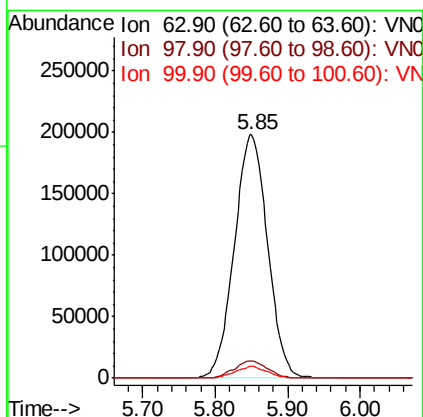
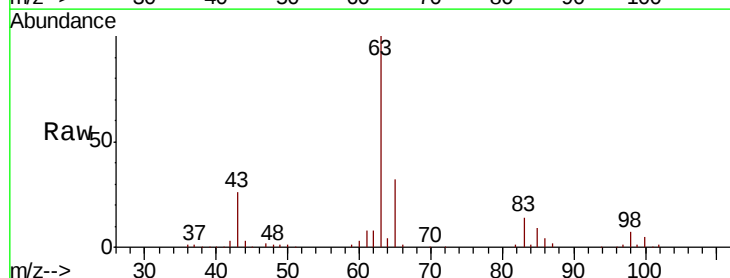
#23
 Vinyl Acetate
 Concen: 251.050 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

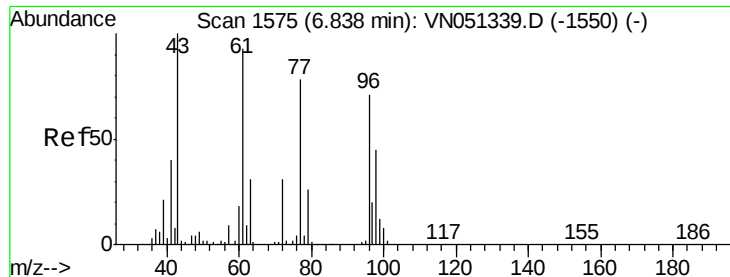
Tot Ion: 43 Resp: 3157880
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 47.655 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tgt Ion: 63 Resp: 631714
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.8 2.3 6.9





#25

2-Butanone

Concen: 233.590 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.01 min

Lab File: VN051365.D

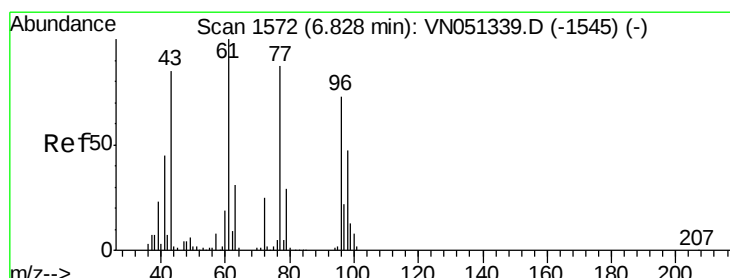
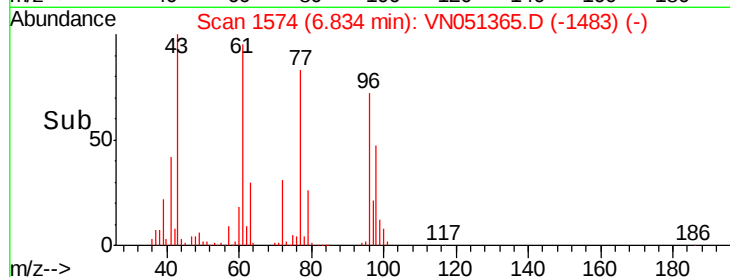
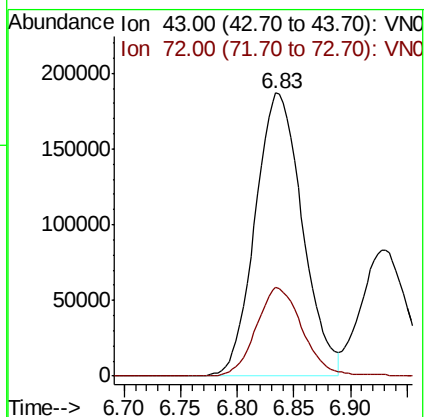
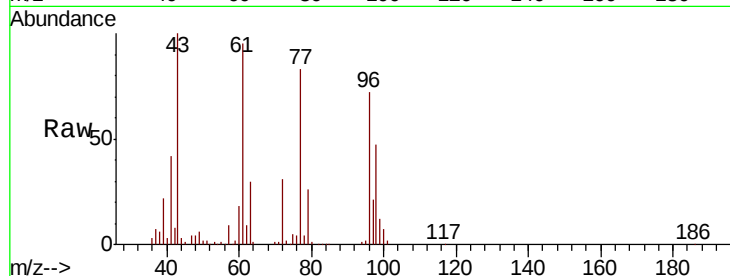
Acq: 21 Sep 2018 13:23

Tot Ion: 43 Resp: 540145

Ion Ratio Lower Upper

43 100

72 31.3 24.7 37.1



#26

2,2-Dichloropropane

Concen: 49.096 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN051365.D

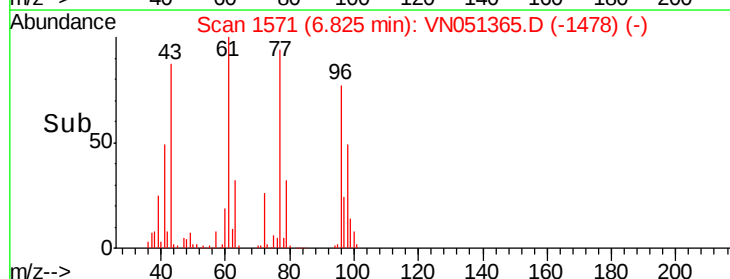
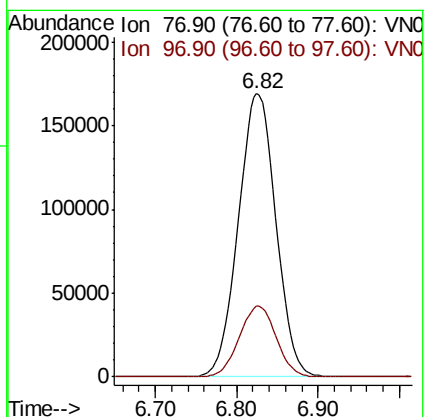
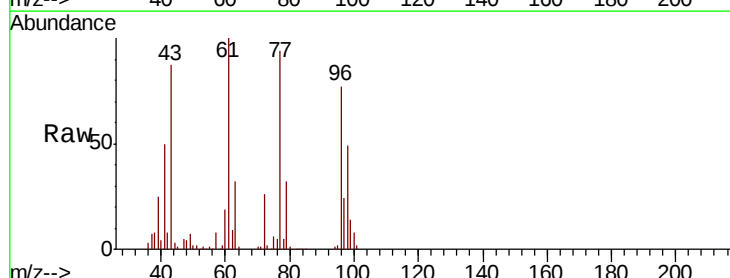
Acq: 21 Sep 2018 13:23

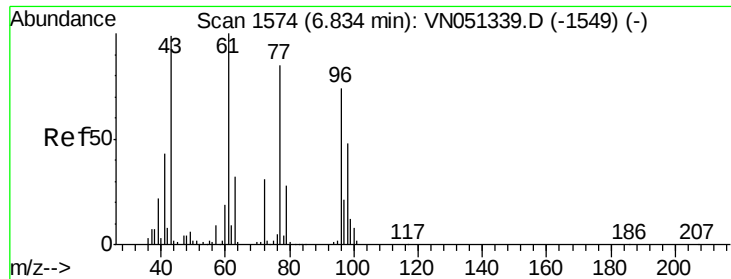
Tgt Ion: 77 Resp: 537776

Ion Ratio Lower Upper

77 100

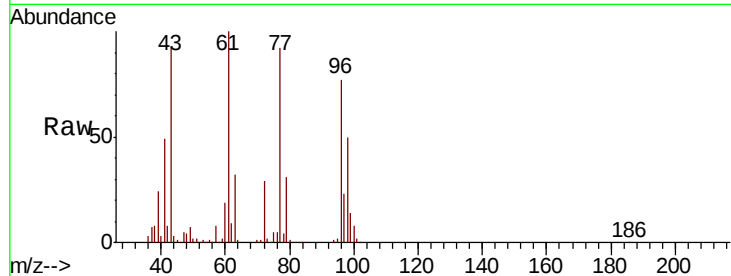
97 24.7 12.2 36.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.793 ug/l
 RT: 6.83 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

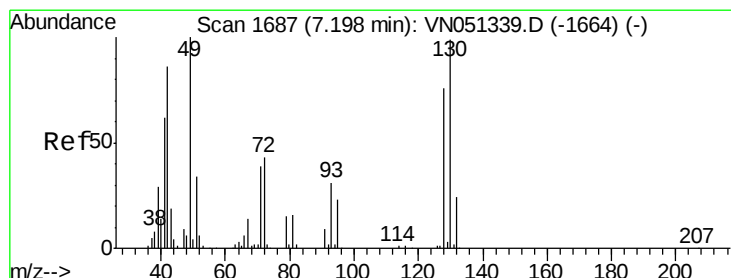
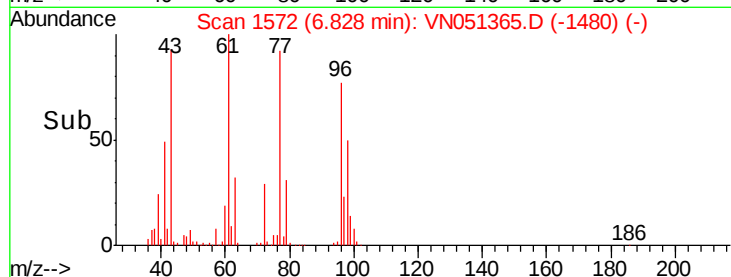
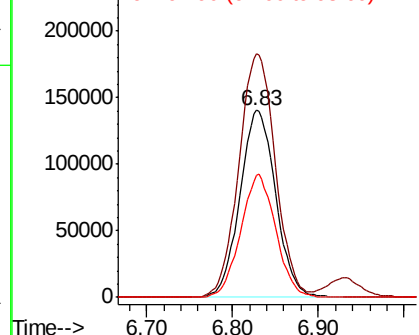
Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	271.2
98	64.4	0.0	131.2



Abundance Ion 95.90 (95.60 to 96.60): VN051339.D (-1549) (-)

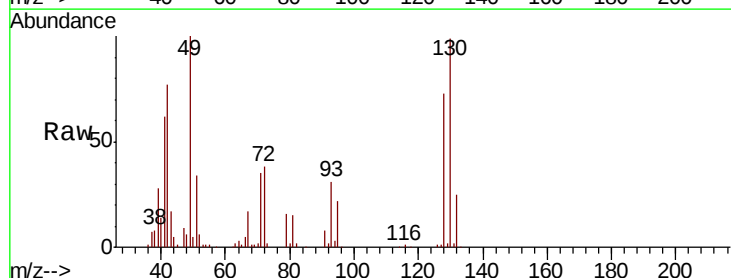
Ion 60.90 (60.60 to 61.60): VN051339.D (-1549) (-)

Ion 97.90 (97.60 to 98.60): VN051339.D (-1549) (-)



#28
 Bromochloromethane
 Concen: 49.522 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

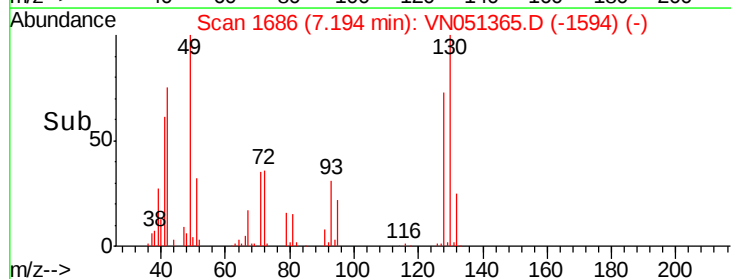
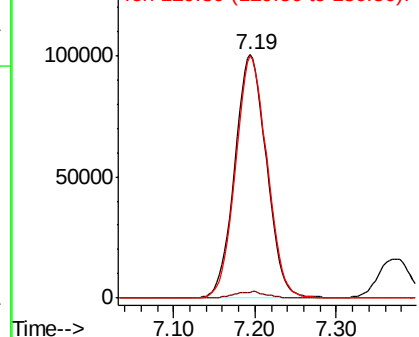
Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.0
130	98.3	77.4	116.2

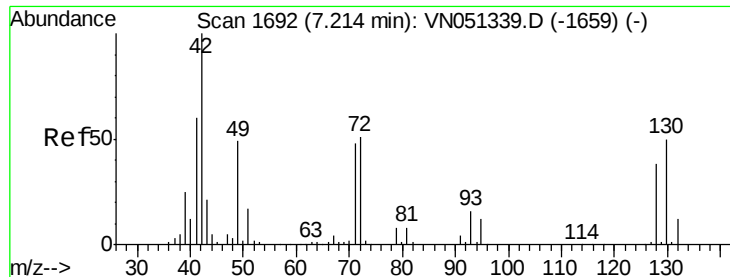


Abundance Ion 48.90 (48.60 to 49.60): VN051339.D (-1664) (-)

Ion 128.80 (128.50 to 129.50): VN051339.D (-1664) (-)

Ion 129.80 (129.50 to 130.50): VN051339.D (-1664) (-)





#29

Tetrahydrofuran

Concen: 235.963 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.01 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

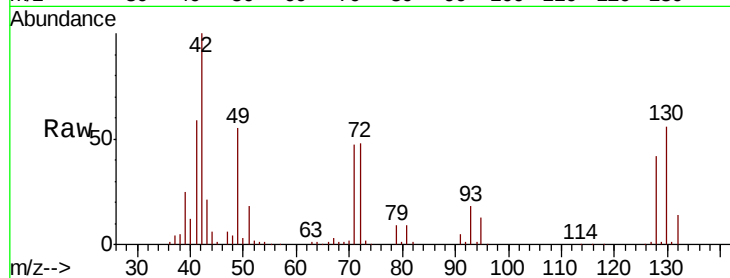
Tot Ion: 42 Resp: 345679

Ion Ratio Lower Upper

42 100

72 49.1 39.0 58.4

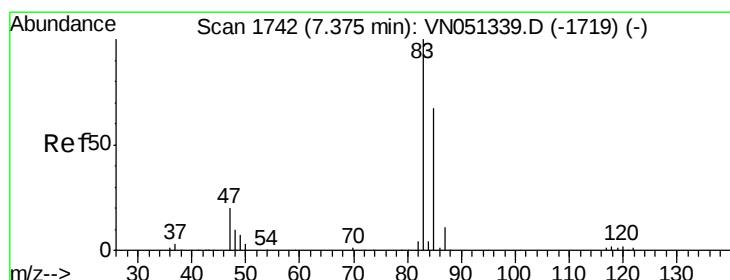
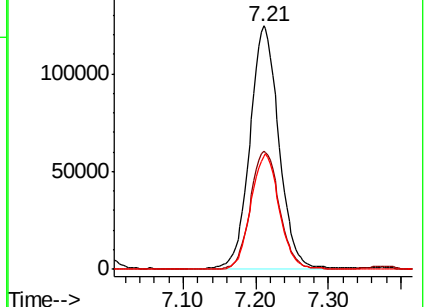
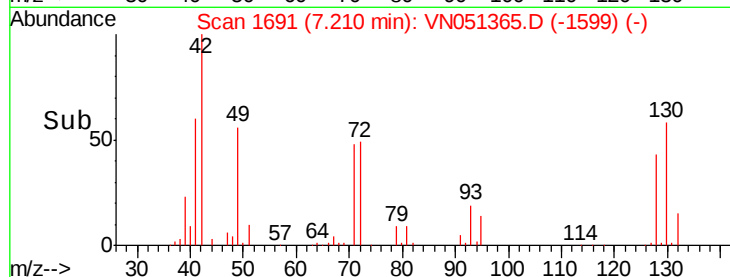
71 46.6 36.5 54.7



Abundance Ion 42.00 (41.70 to 42.70): VN051339.D (-1659) (-)

Ion 72.00 (71.70 to 72.70): VN051339.D (-1659) (-)

Ion 71.00 (70.70 to 71.70): VN051339.D (-1659) (-)



#30

Chloroform

Concen: 47.628 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051365.D

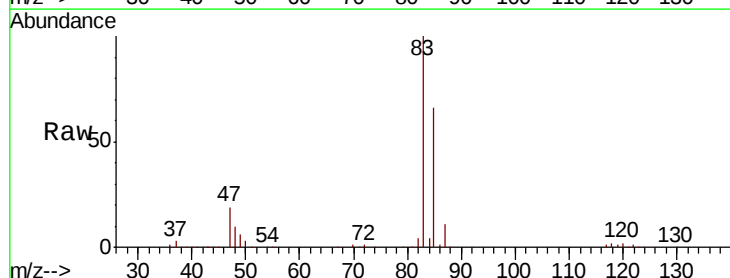
Acq: 21 Sep 2018 13:23

Tgt Ion: 83 Resp: 663518

Ion Ratio Lower Upper

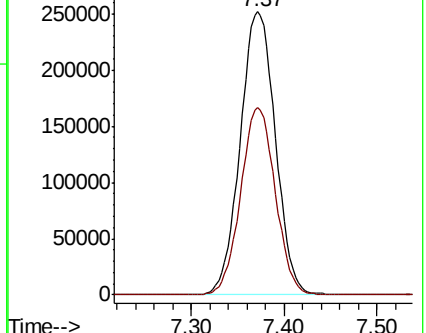
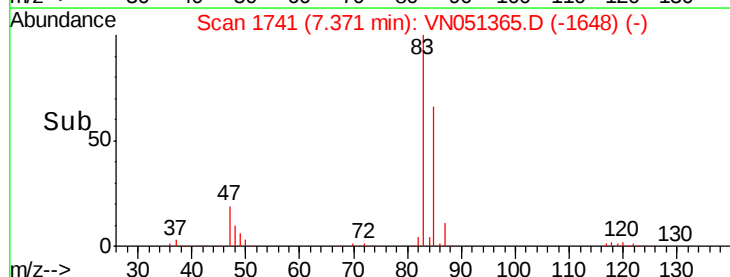
83 100

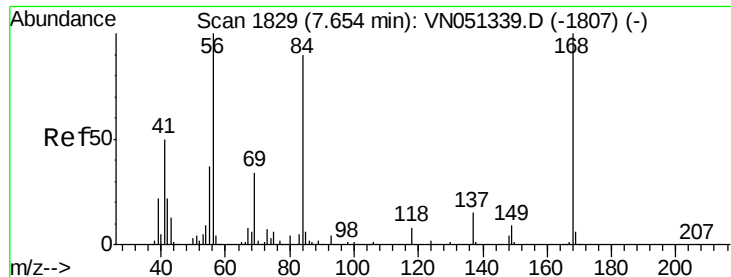
85 66.1 53.2 79.8



Abundance Ion 82.90 (82.60 to 83.60): VN051339.D (-1719) (-)

Ion 84.90 (84.60 to 85.60): VN051339.D (-1719) (-)





#31

Cyclohexane

Concen: 49.503 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

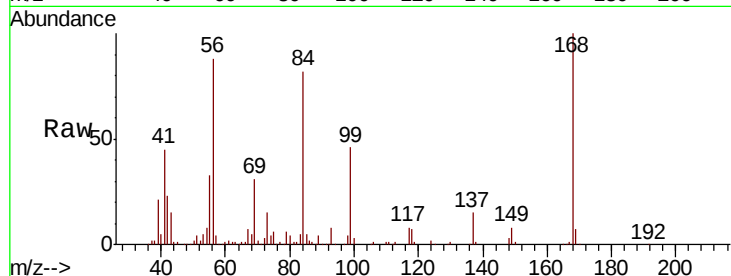
Tot Ion: 56 Resp: 576994

Ion Ratio Lower Upper

56 100

69 35.0 27.3 40.9

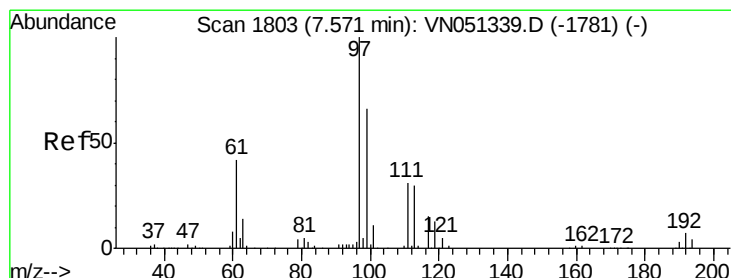
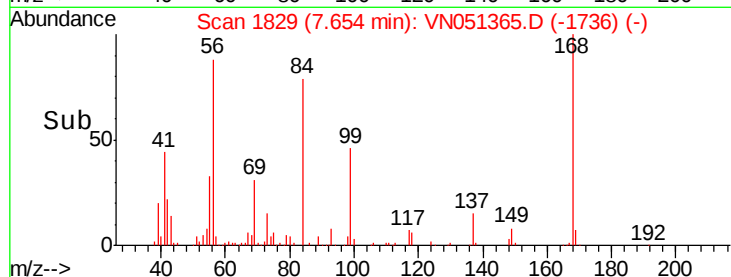
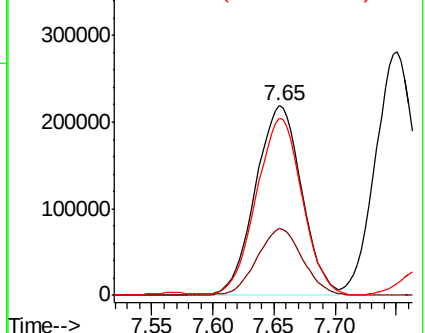
84 92.0 72.2 108.2



Abundance Ion 56.00 (55.70 to 56.70): VN051339.D (-1807) (-)

Ion 69.00 (68.70 to 69.70): VN051339.D (-1807) (-)

Ion 84.00 (83.70 to 84.70): VN051339.D (-1807) (-)



#32

1,1,1-Trichloroethane

Concen: 48.687 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

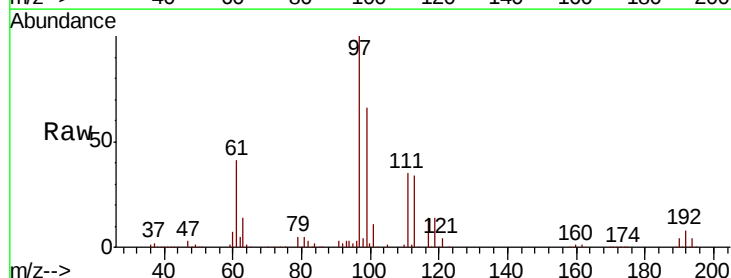
Tgt Ion: 97 Resp: 584397

Ion Ratio Lower Upper

97 100

99 64.1 51.1 76.7

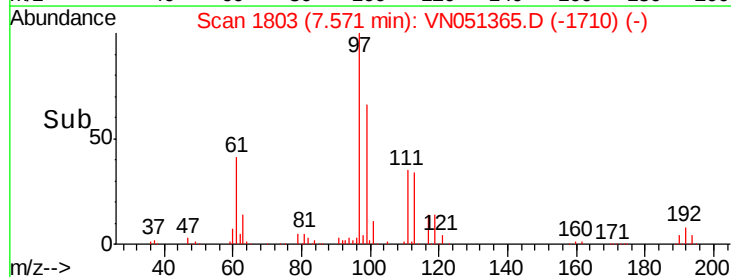
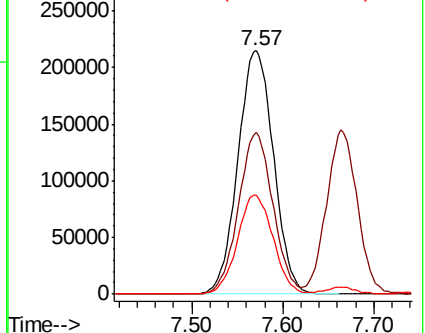
61 40.5 33.2 49.8

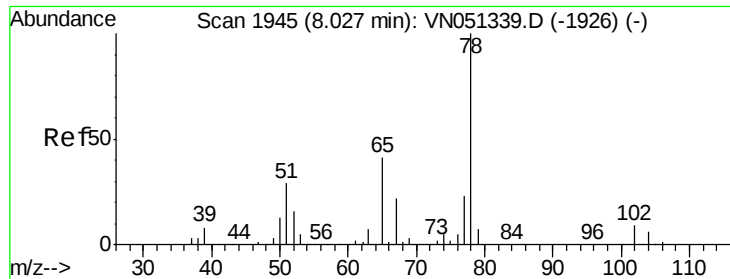


Abundance Ion 96.90 (96.60 to 97.60): VN051339.D (-1781) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1781) (-)

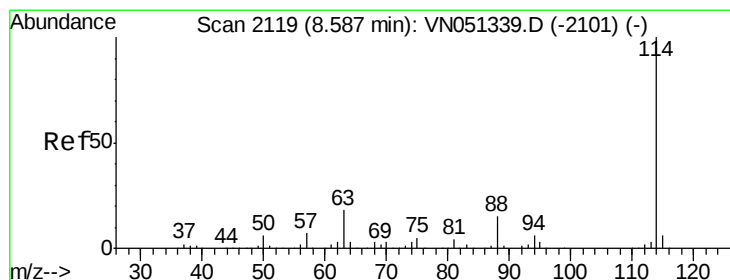
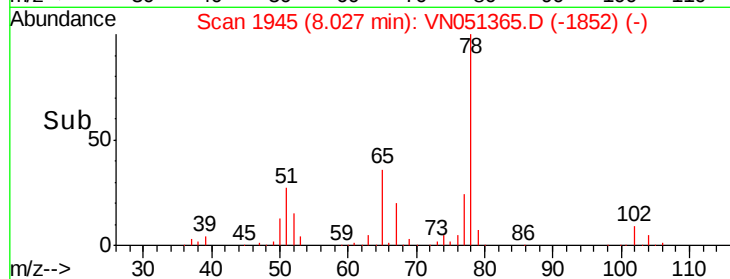
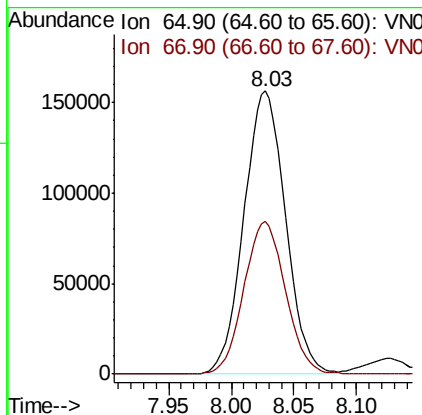
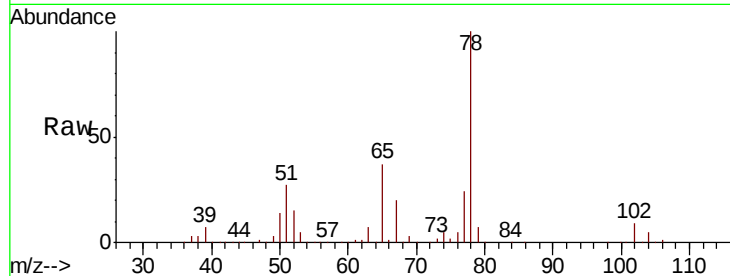
Ion 60.90 (60.60 to 61.60): VN051339.D (-1781) (-)





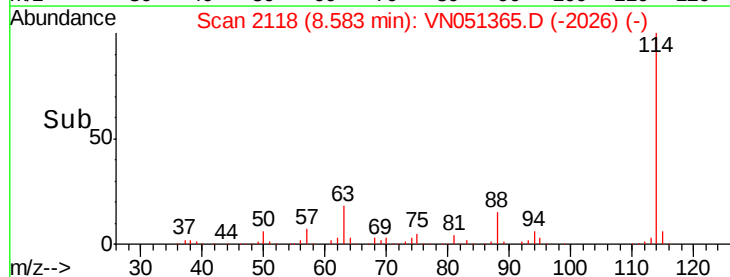
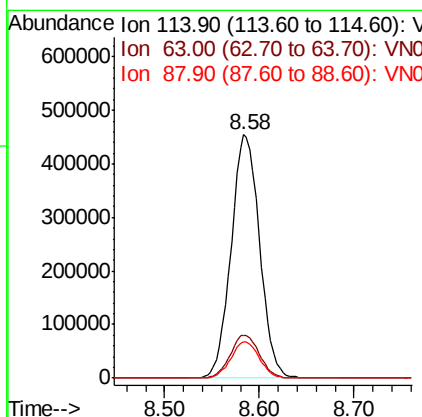
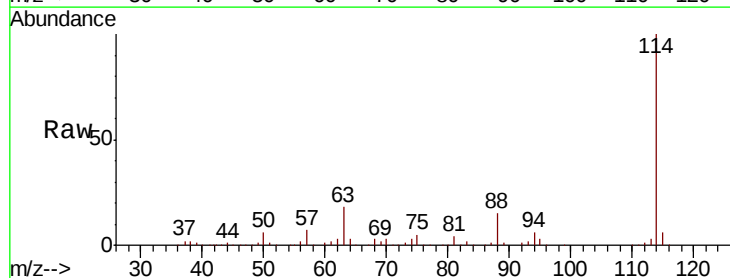
#33
 1,2-Dichloroethane-d4
 Concen: 44.687 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

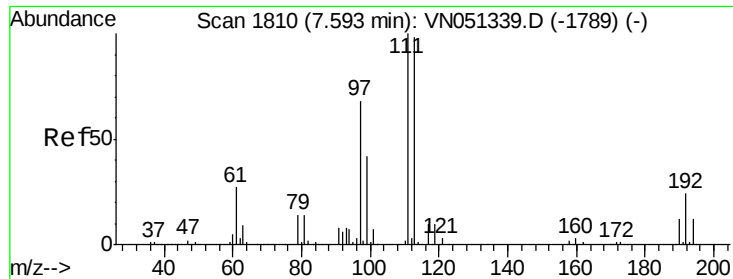
Tot Ion: 65 Resp: 361662
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

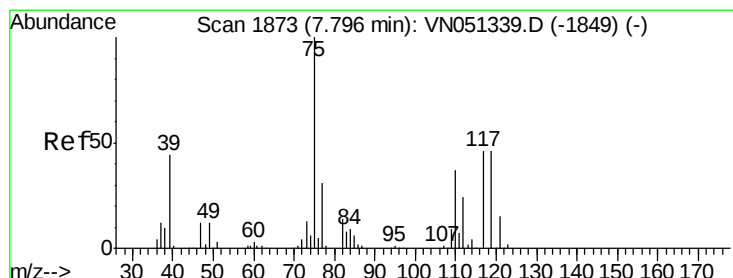
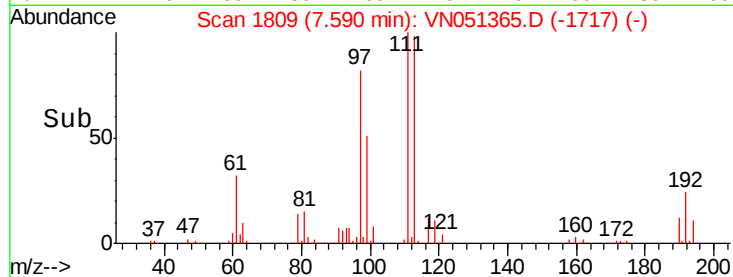
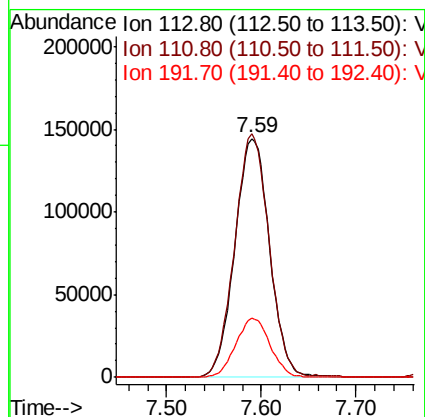
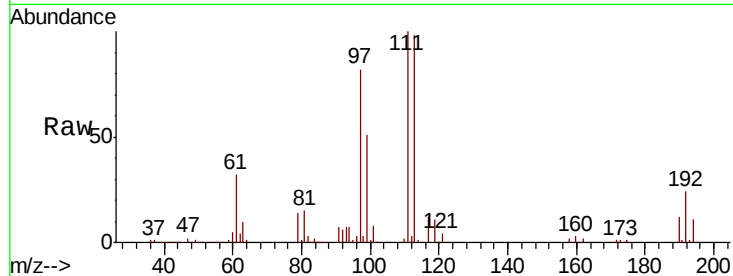
Tgt Ion: 114 Resp: 950096
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 14.6 0.0 29.8





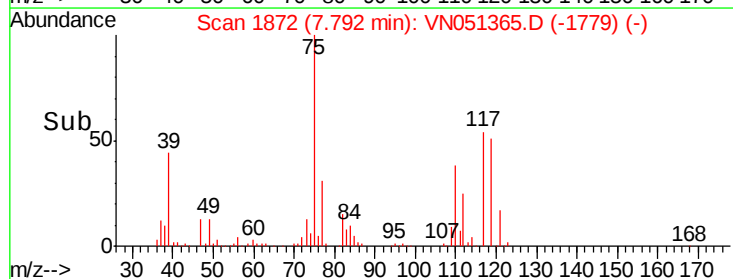
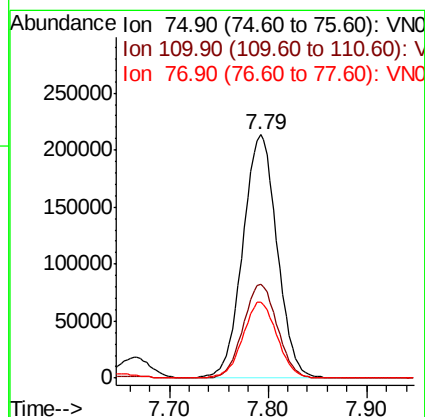
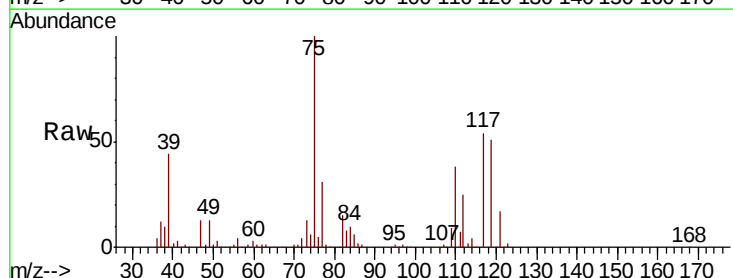
#35
 Dibromofluoromethane
 Concen: 48.106 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

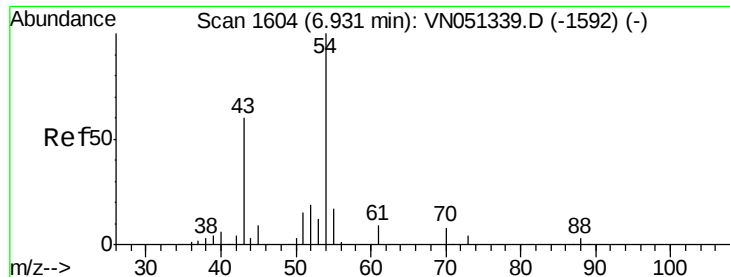
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.9	122.9
192	24.6	19.8	29.6



#36
 1,1-Dichloropropene
 Concen: 52.411 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

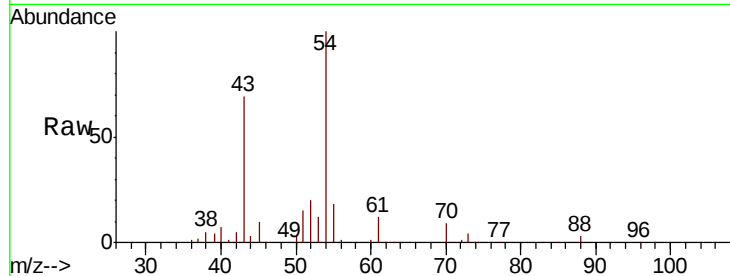
Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.5	18.9	56.5
77	31.1	25.4	38.2



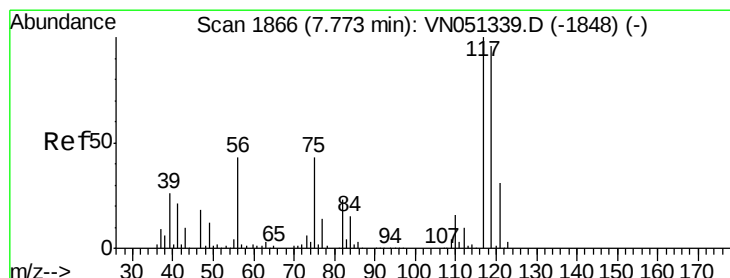
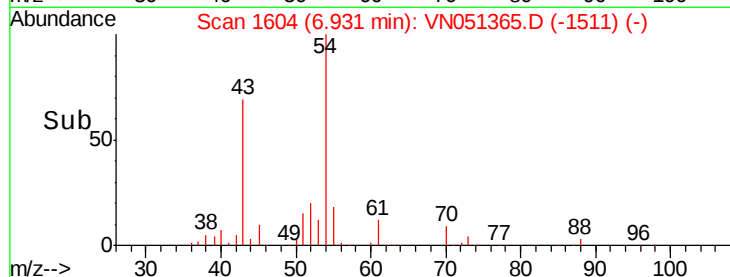
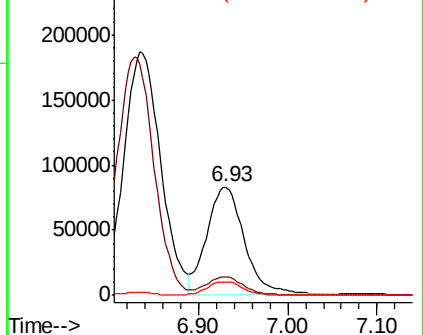


#37
Ethyl Acetate
Concen: 50.217 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion: 43 Resp: 241609
Ion Ratio Lower Upper
43 100
61 16.7 13.6 20.4
70 12.0 9.4 14.2

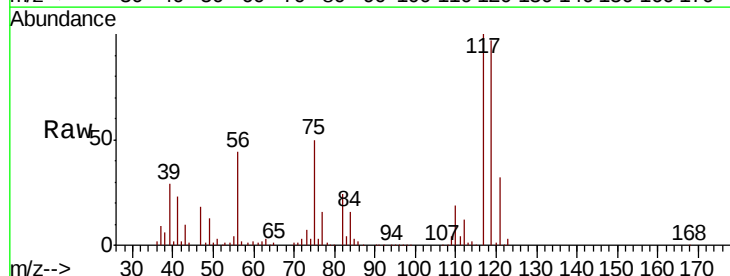


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

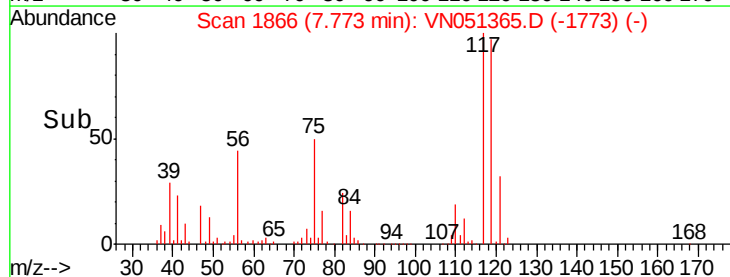
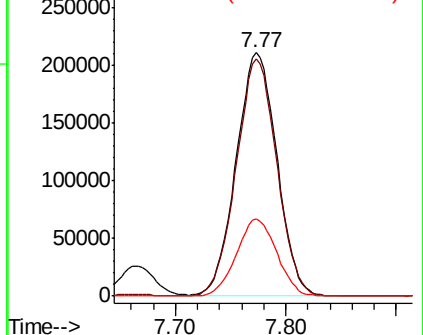


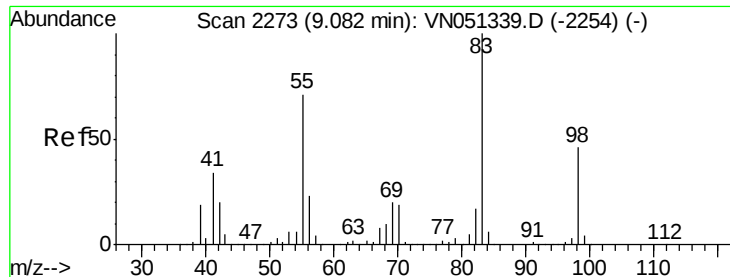
#38
Carbon Tetrachloride
Concen: 51.231 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 117 Resp: 538619
Ion Ratio Lower Upper
117 100
119 97.4 77.0 115.4
121 31.7 25.0 37.4



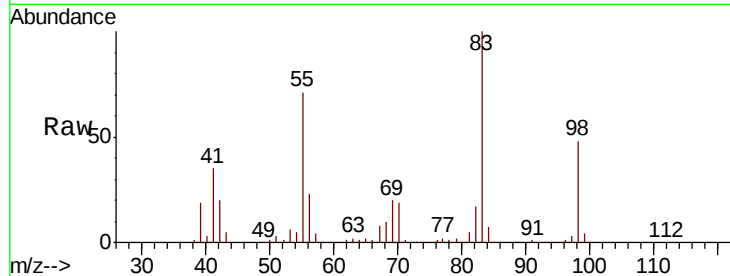
Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39
Methvlcvclohexane
Concen: 57.072 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion	83.00	Resp	647320
Ion	Ratio	Lower	Upper
83	100		
55	71.3	56.5	84.7
98	47.9	36.7	55.1

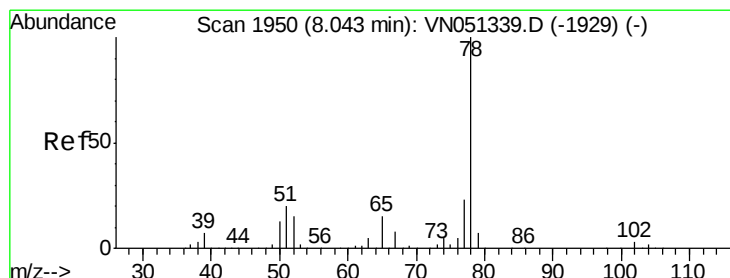
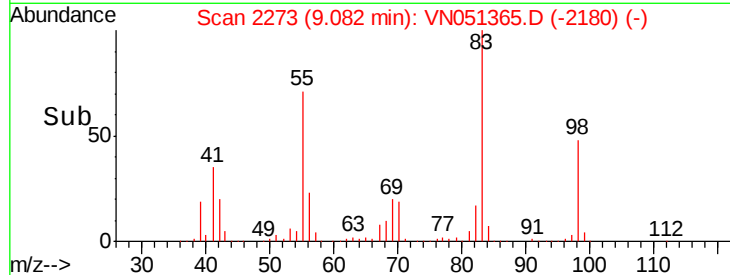
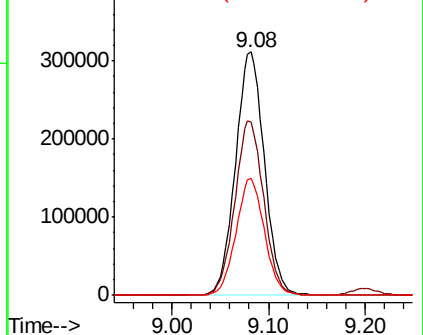


Abundance

Ion 83.00 (82.70 to 83.70): VN0

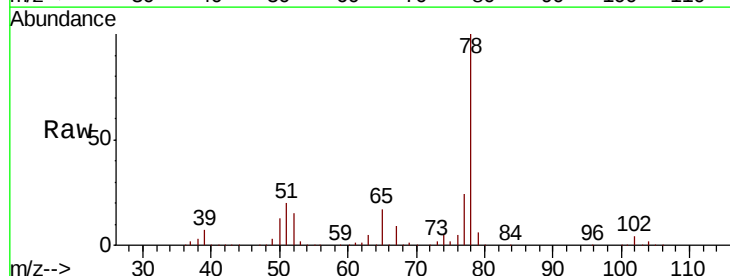
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 51.769 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

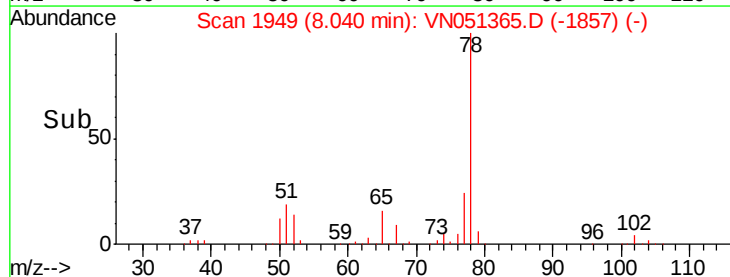
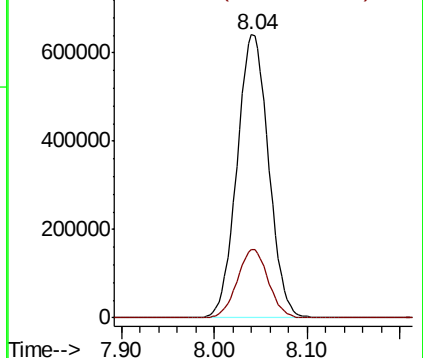
Tgt Ion	78.00	Resp	1515939
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.5	27.7

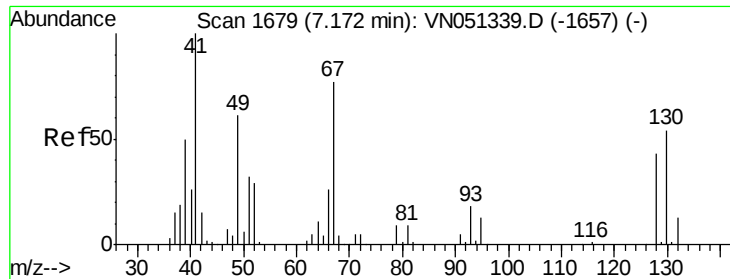


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 53.558 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tot Ion: 41 Resp: 134239

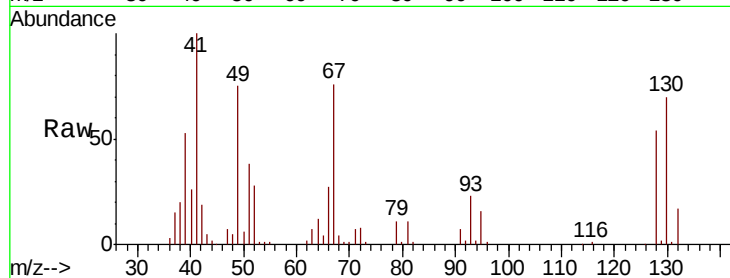
Ion Ratio Lower Upper

41 100

39 61.1 51.3 76.9

67 92.1 77.0 115.4

52 33.9 30.4 45.6

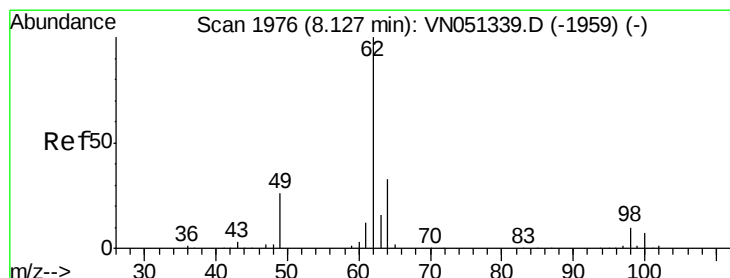
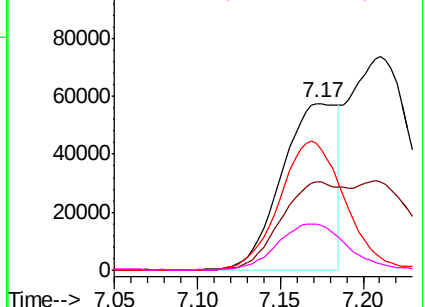
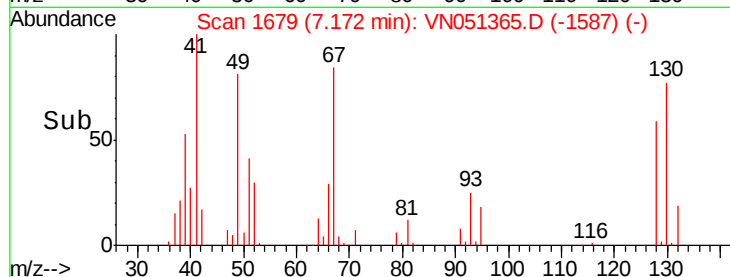


Abundance Ion 41.00 (40.70 to 41.70): VN0

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: 50.133 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN051365.D

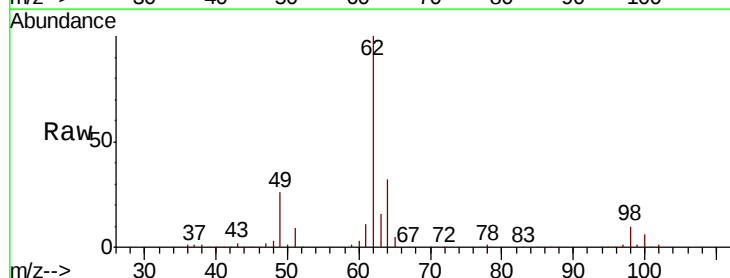
Acq: 21 Sep 2018 13:23

Tgt Ion: 62 Resp: 443456

Ion Ratio Lower Upper

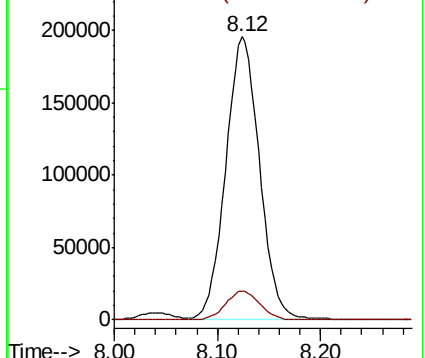
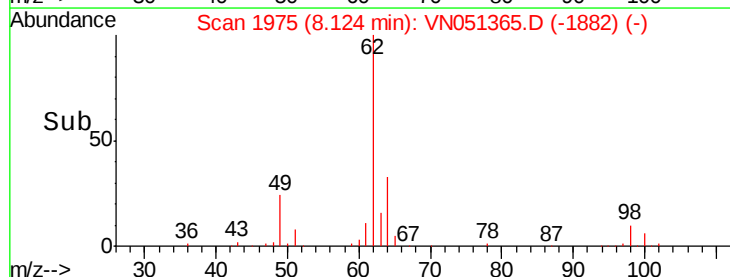
62 100

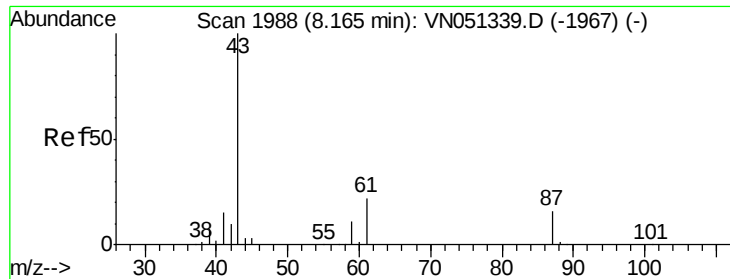
98 10.4 0.0 20.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 51.252 ug/l

RT: 8.16 min Scan# 1987

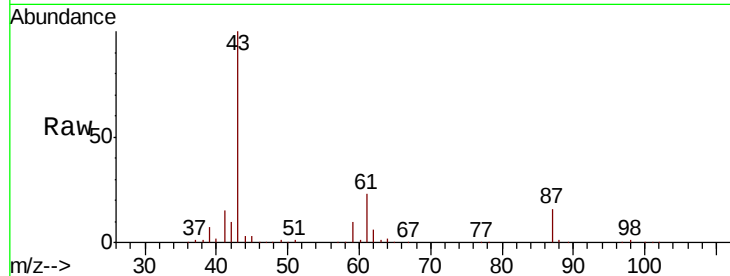
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tot Ion: 43 Resp: 431847

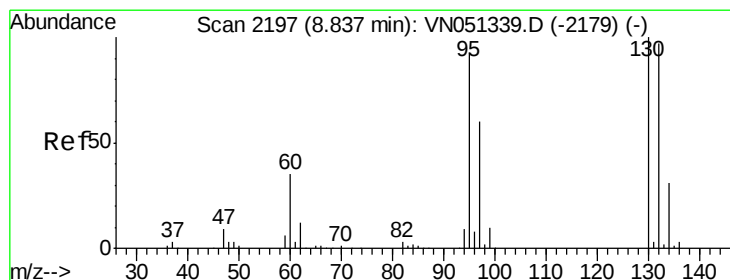
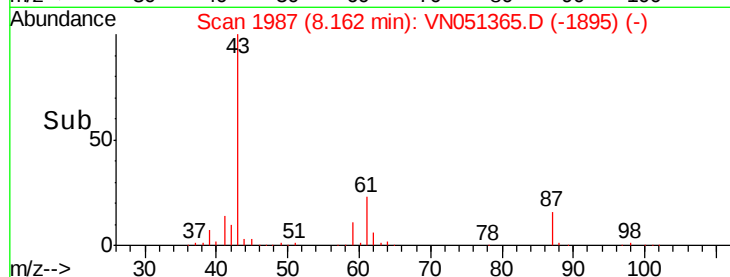
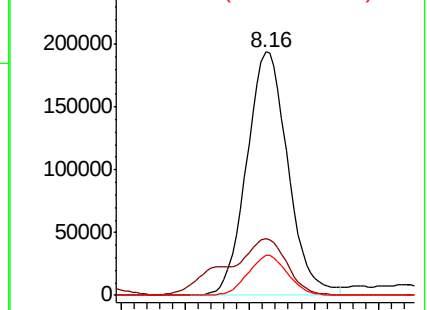
Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.1	27.1
87	15.9	12.8	19.2



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



#44

Trichloroethene

Concen: 51.448 ug/l

RT: 8.84 min Scan# 2197

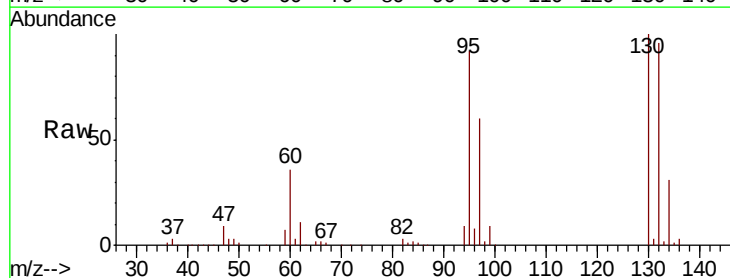
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

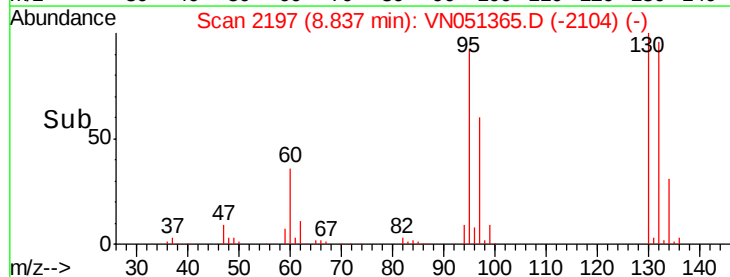
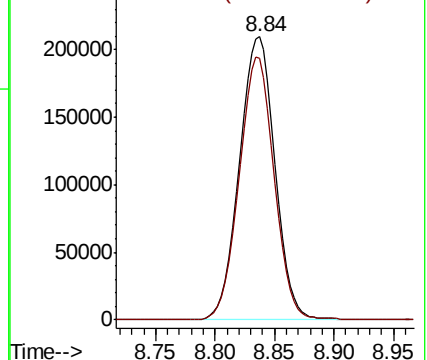
Tgt Ion: 130 Resp: 432473

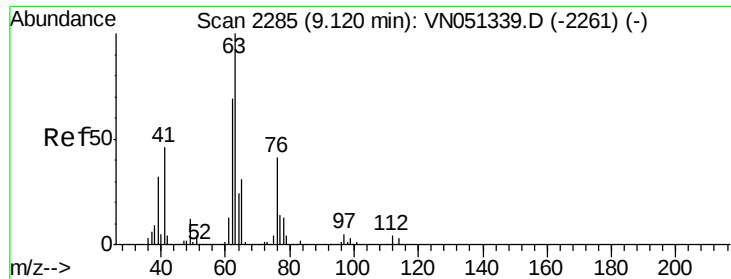
Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	185.6



Abundance Ion 129.80 (129.50 to 130.50): VN051339.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051339.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 50.931 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051365.D

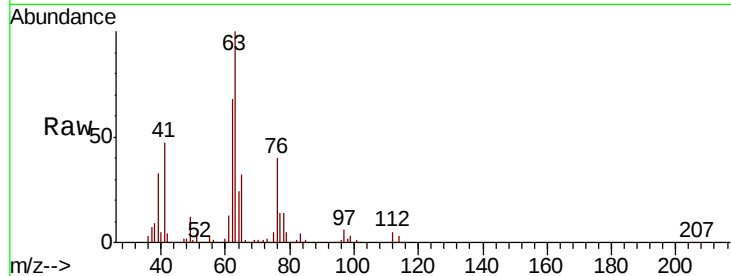
Acq: 21 Sep 2018 13:23

Tot Ion: 63 Resp: 381639

Ion Ratio Lower Upper

63 100

65 32.3 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

200000

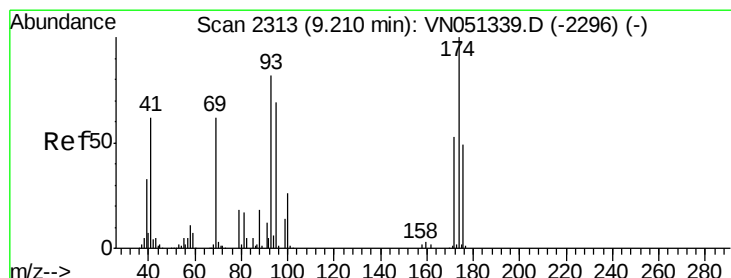
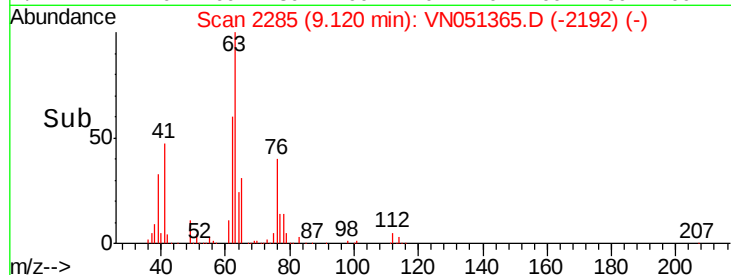
150000

100000

50000

0

Time-->



#46

Dibromomethane

Concen: 49.904 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

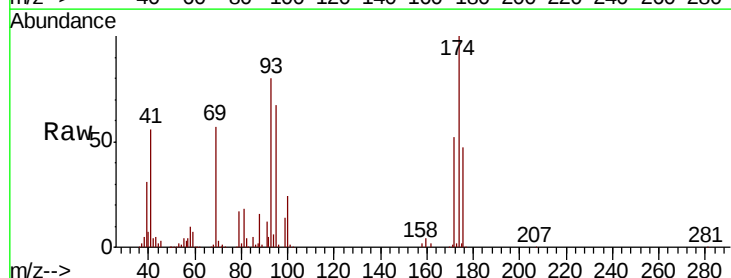
Tgt Ion: 93 Resp: 230516

Ion Ratio Lower Upper

93 100

95 83.9 67.6 101.4

174 124.9 98.9 148.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

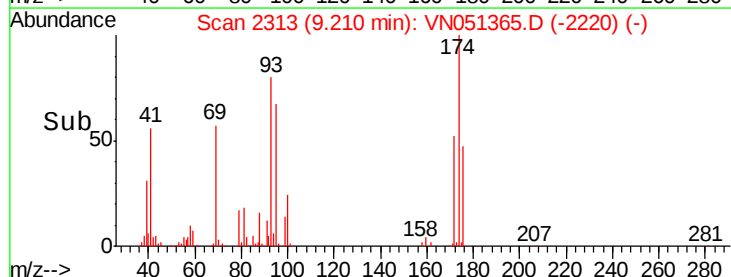
150000

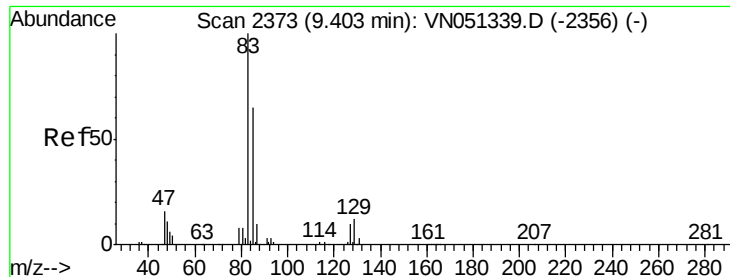
100000

50000

0

Time-->





#47

Bromodichloromethane

Concen: 51.110 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

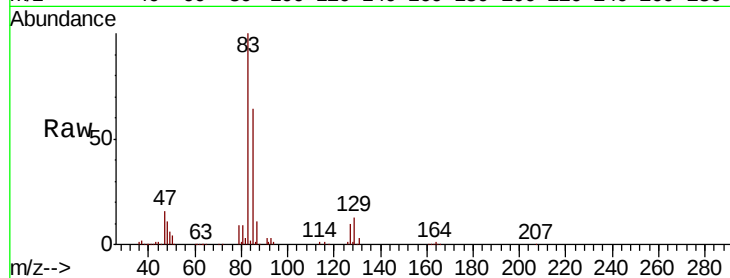
Tot Ion: 83 Resp: 503580

Ion Ratio Lower Upper

83 100

85 63.9 51.6 77.4

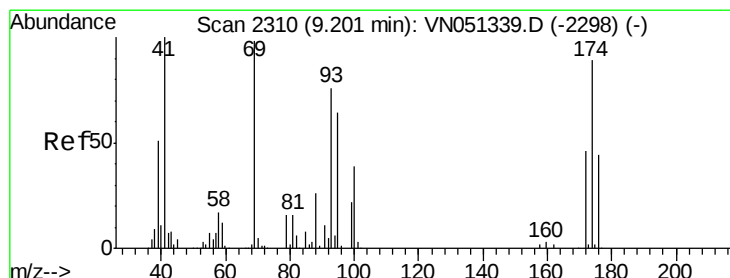
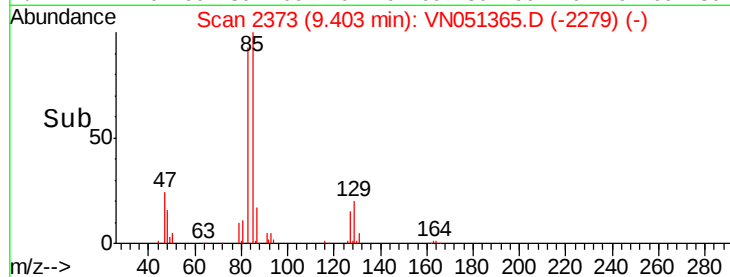
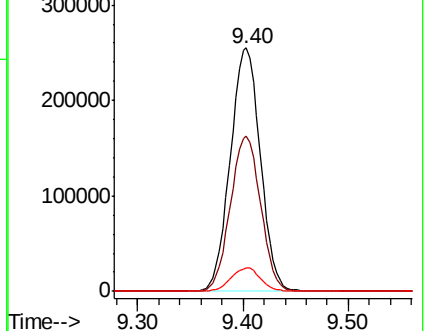
127 9.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 50.345 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

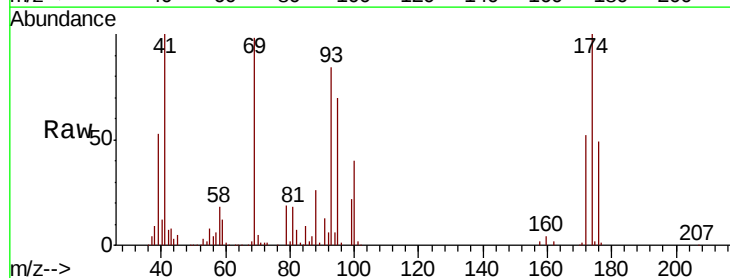
Tgt Ion: 41 Resp: 216264

Ion Ratio Lower Upper

41 100

69 102.8 79.4 119.0

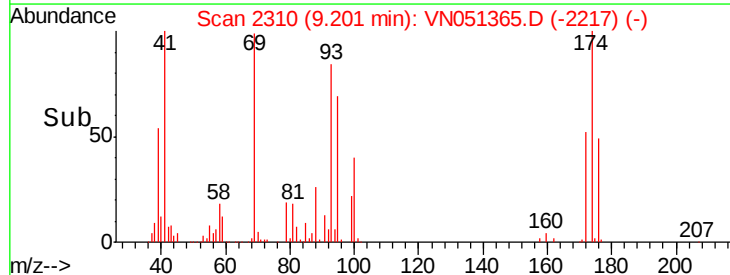
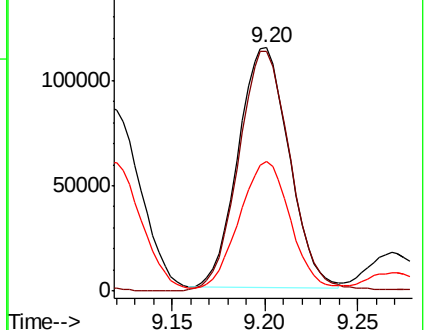
39 52.6 43.0 64.6

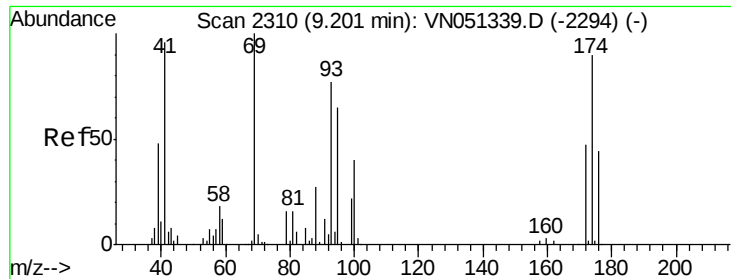


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 990.992 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

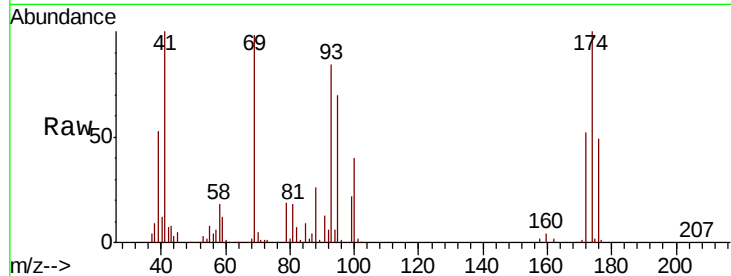
Tot Ion: 88 Resp: 62953

Ion Ratio Lower Upper

88 100

43 28.1 23.5 35.3

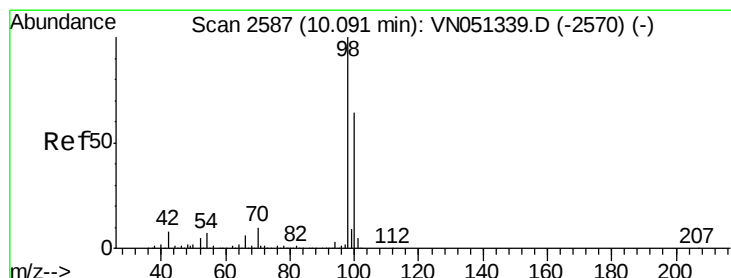
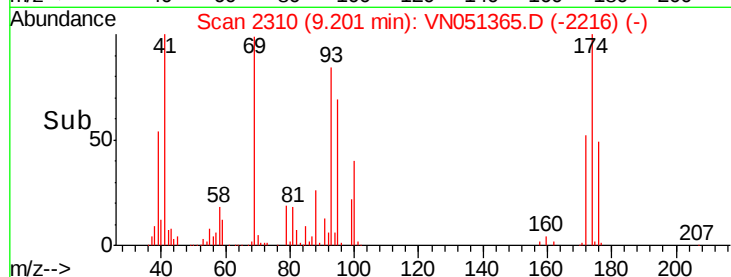
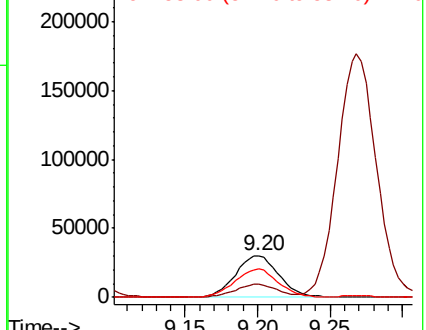
58 67.8 52.1 78.1



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 47.407 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051365.D

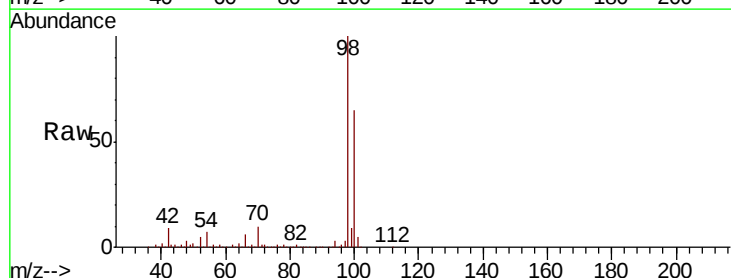
Acq: 21 Sep 2018 13:23

Tgt Ion: 98 Resp: 1399293

Ion Ratio Lower Upper

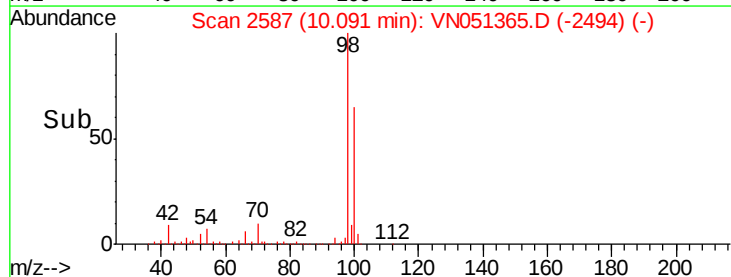
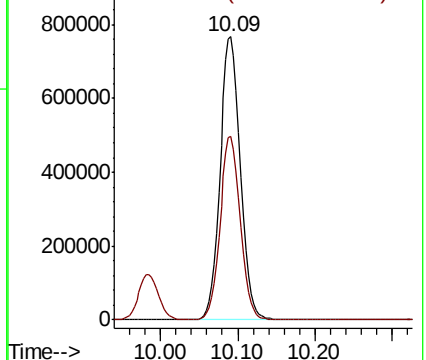
98 100

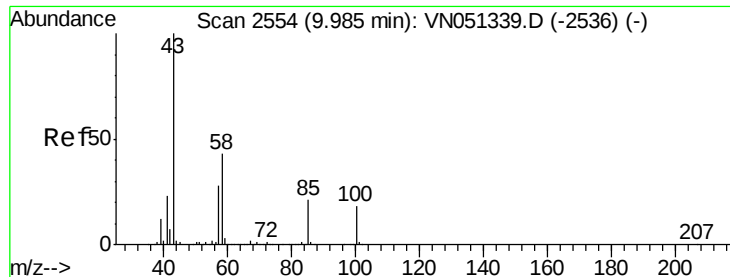
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

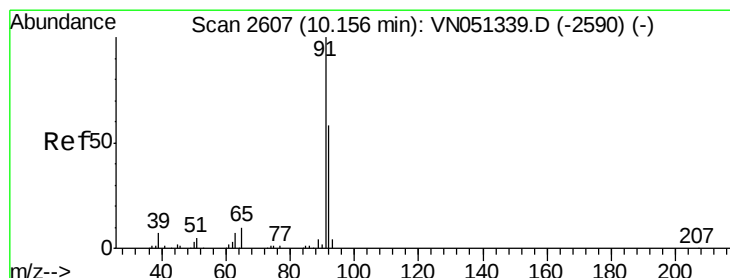
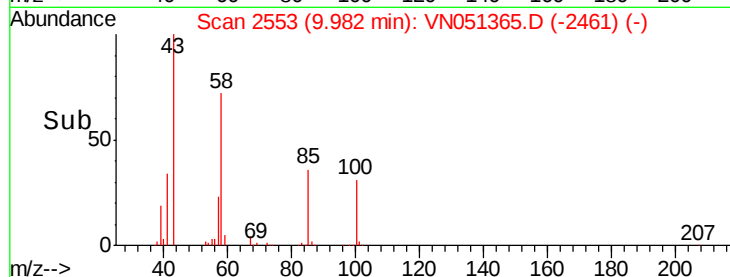
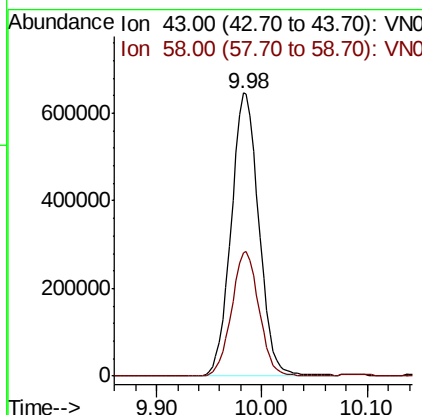
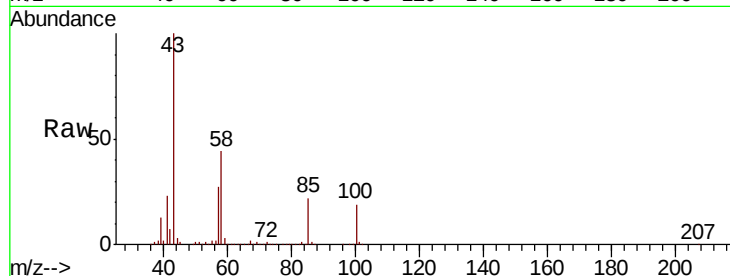
Ion 100.00 (99.70 to 100.70): VN0





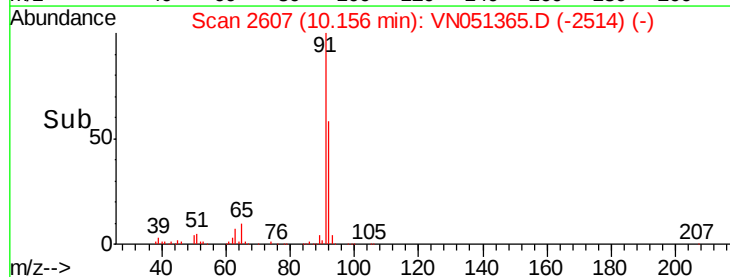
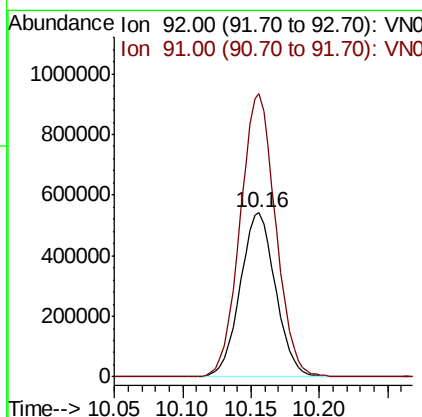
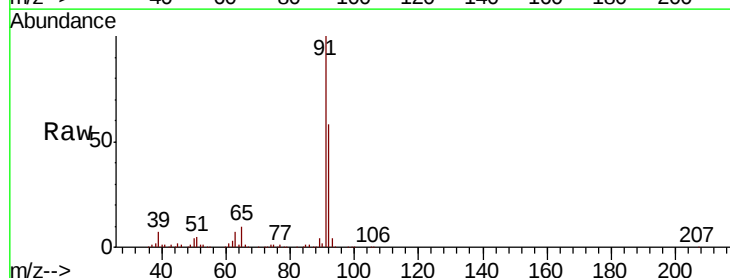
#51
4-Methyl-2-Pentanone
Concen: 258.943 ug/l
RT: 9.98 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

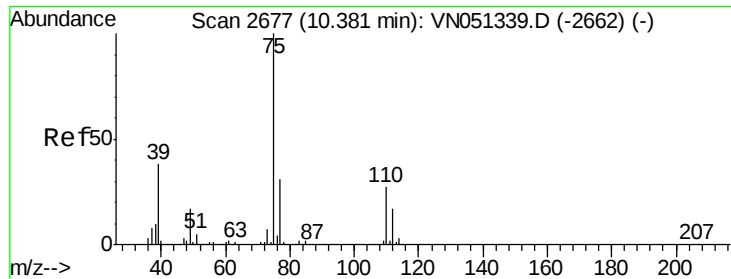
Tot Ion: 43 Resp: 1173631
Ion Ratio Lower Upper
43 100
58 43.5 34.2 51.4



#52
Toluene
Concen: 54.085 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 92 Resp: 975195
Ion Ratio Lower Upper
92 100
91 173.4 139.7 209.5

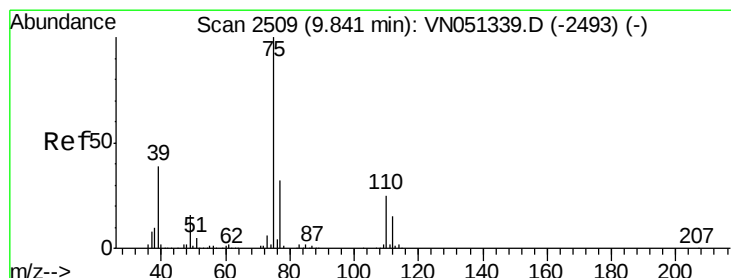
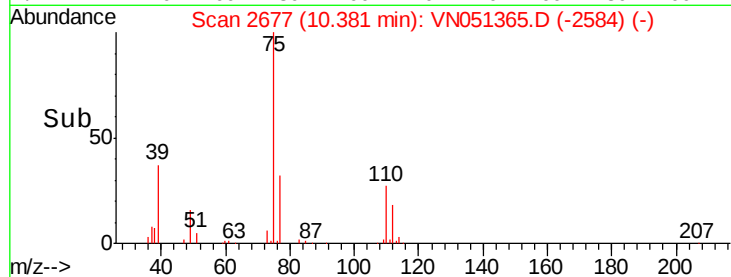
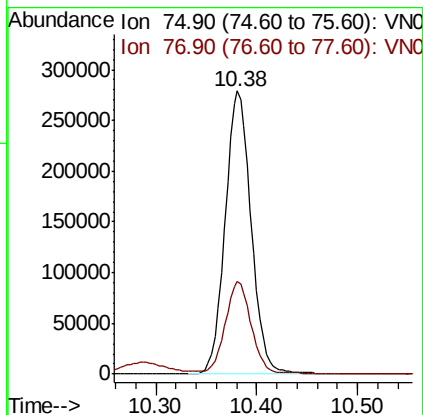
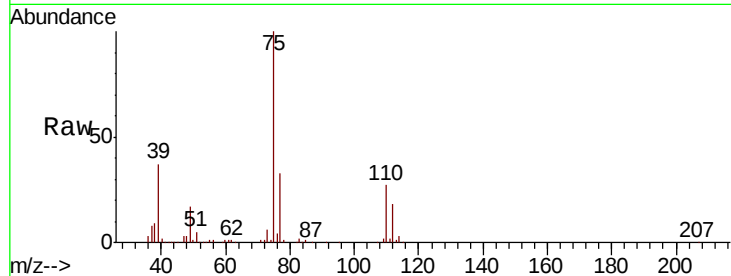




#53
t-1,3-Dichloropropene
Concen: 53.167 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion: 75 Resp: 502962

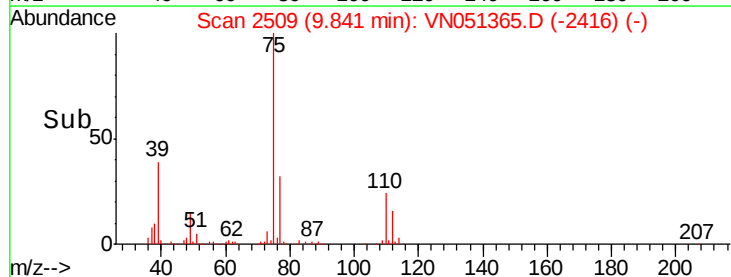
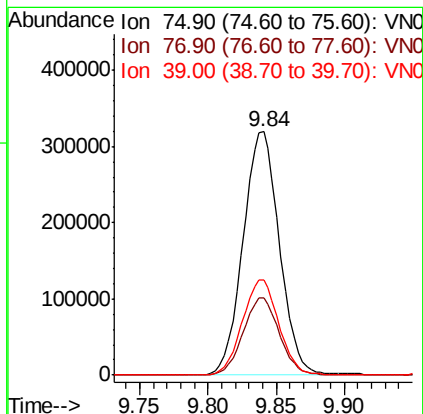
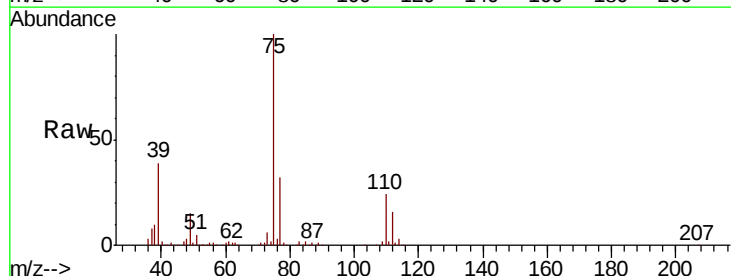
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3

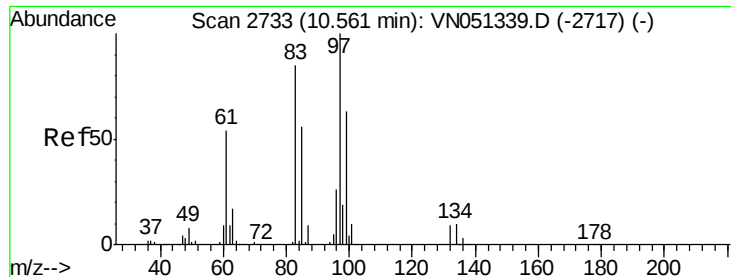


#54
cis-1,3-Dichloropropene
Concen: 53.897 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 75 Resp: 590366

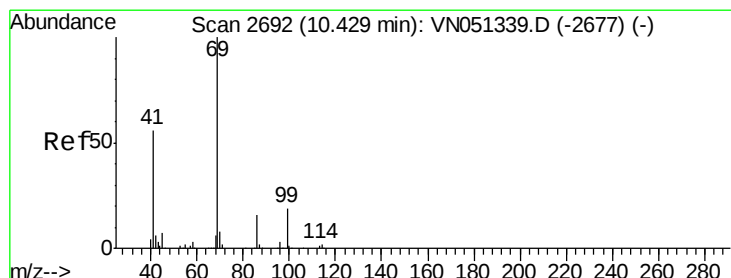
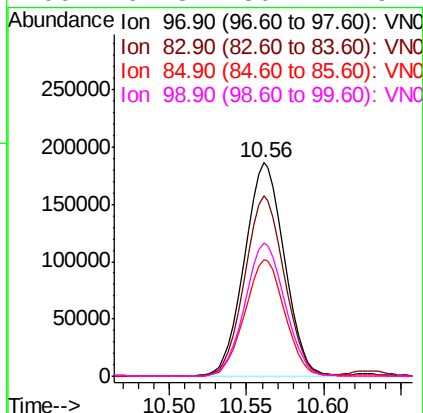
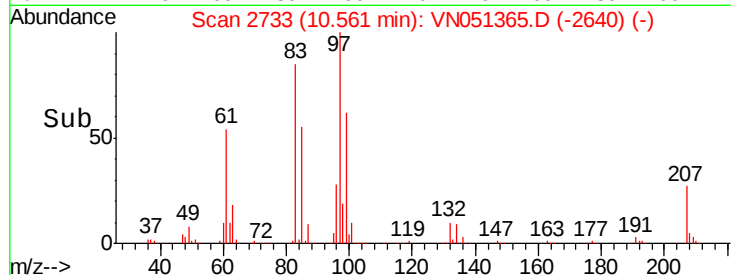
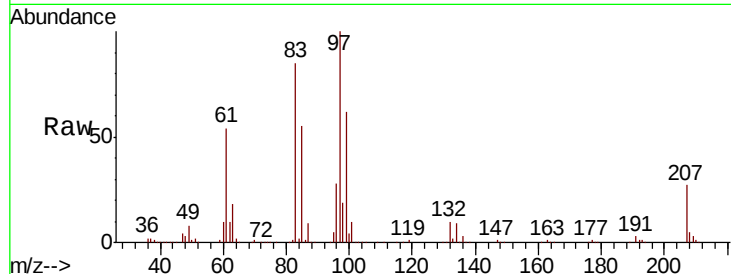
Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.2	37.8
39	39.1	31.0	46.4





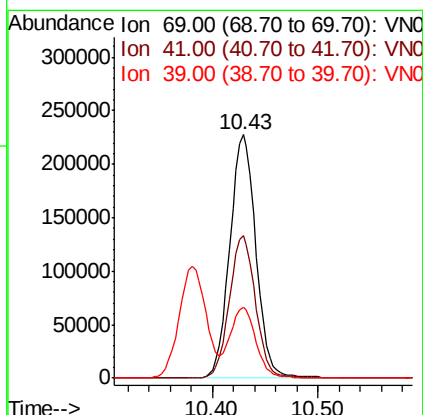
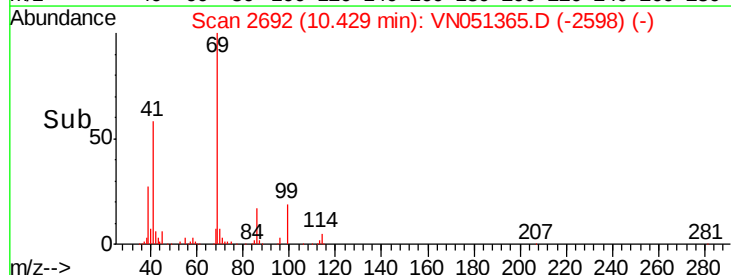
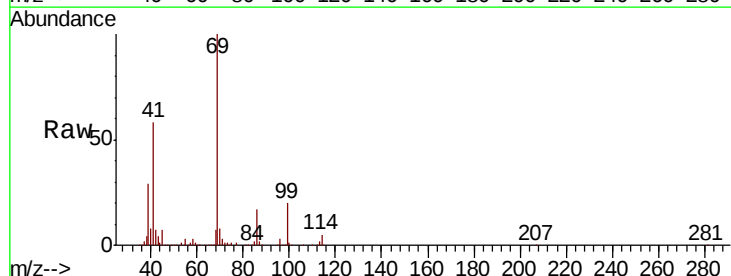
#55
 1,1,2-Trichloroethane
 Concen: 49.597 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

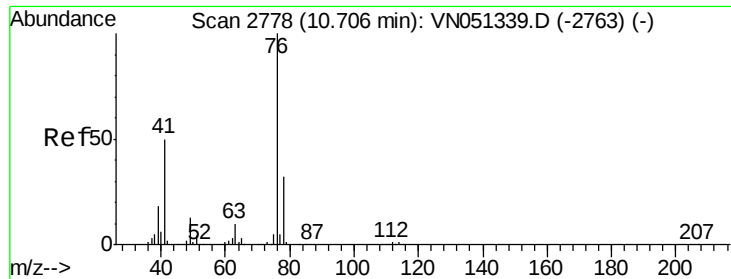
Tot Ion:	97	Resp:	335436
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.1	102.1
85	54.6	44.6	66.8
99	62.3	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 47.588 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

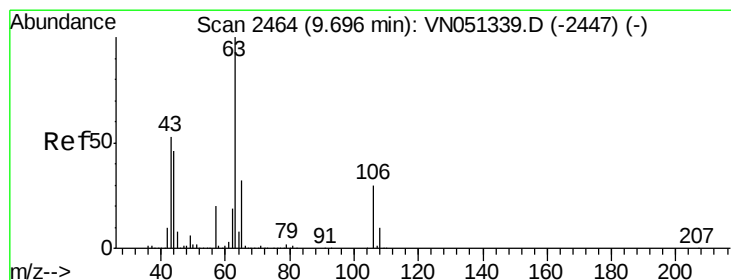
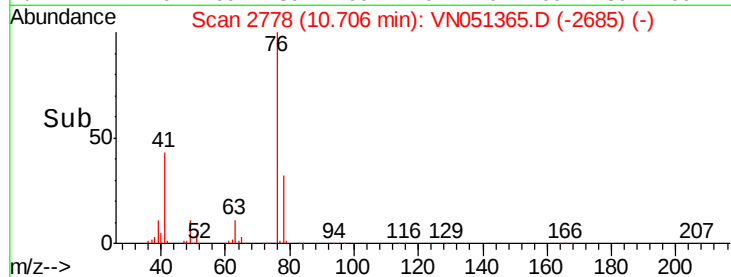
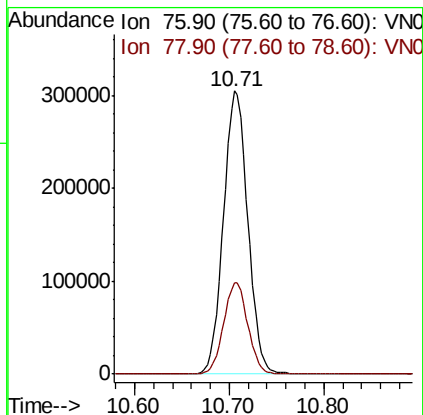
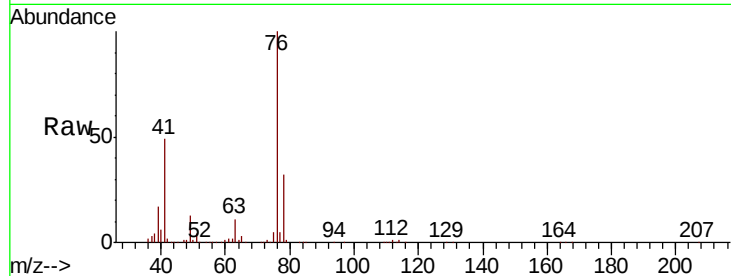
Tgt Ion:	69	Resp:	388544
Ion	Ratio	Lower	Upper
69	100		
41	57.5	45.1	67.7
39	28.9	23.4	35.2





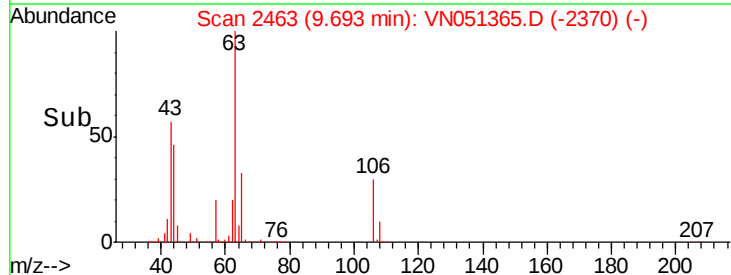
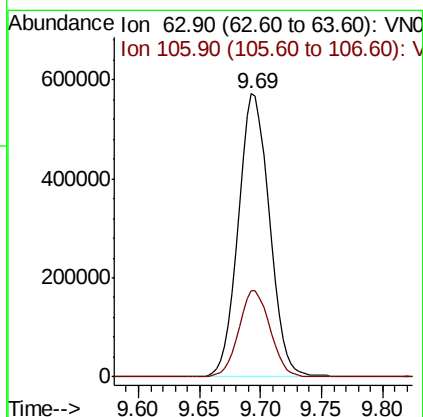
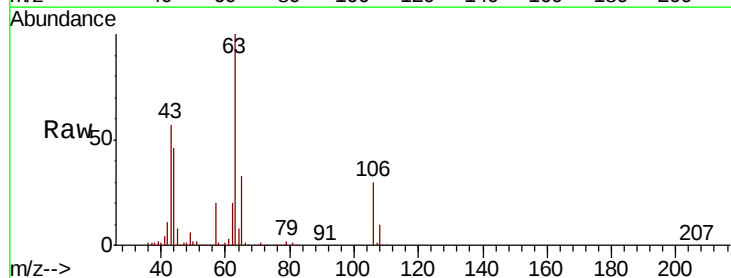
#57
 1,3-Dichloropropane
 Concen: 51.181 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

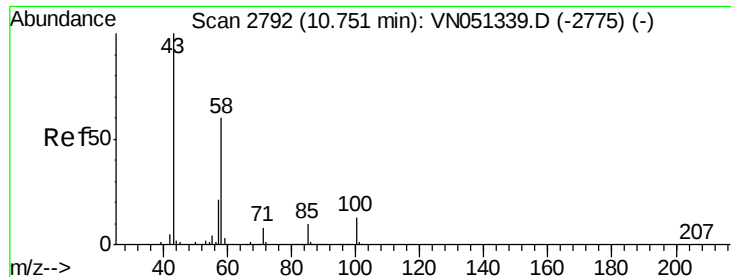
Tot Ion: 76 Resp: 545246
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.699 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

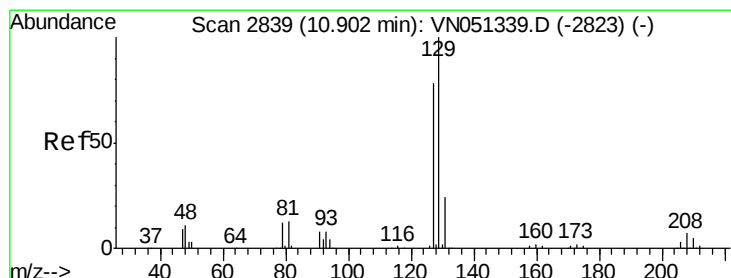
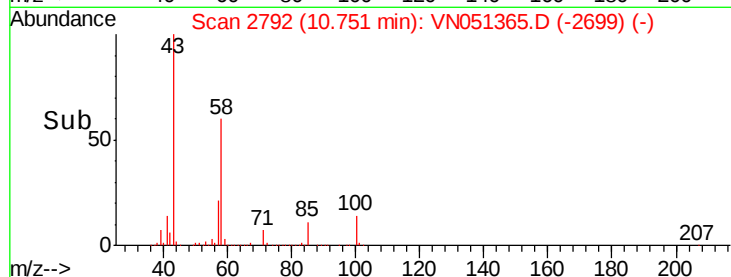
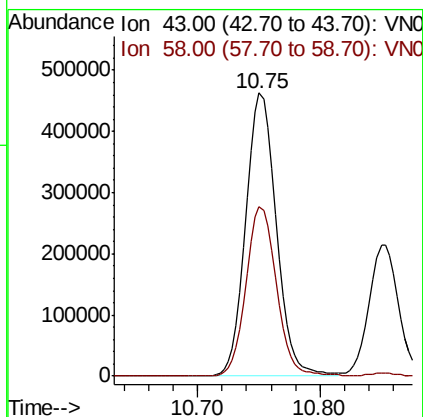
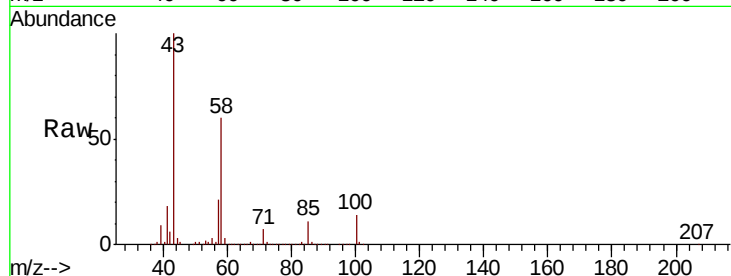
Tgt Ion: 63 Resp: 1010709
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.7 35.5





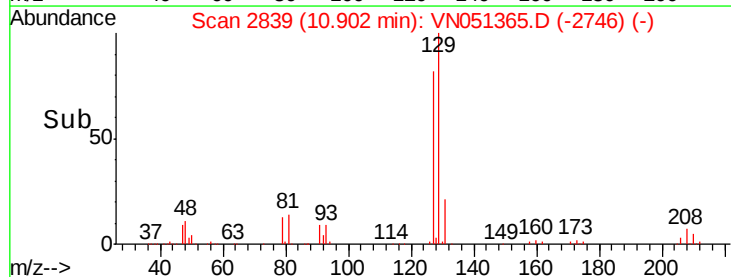
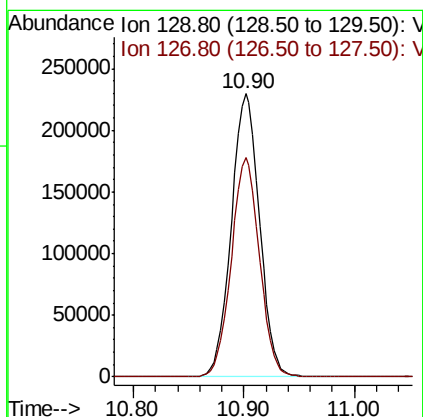
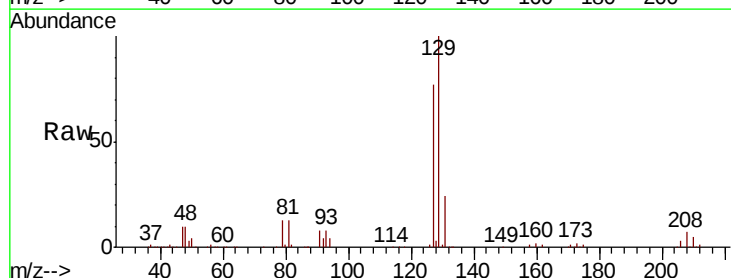
#59
2-Hexanone
Concen: 260.693 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

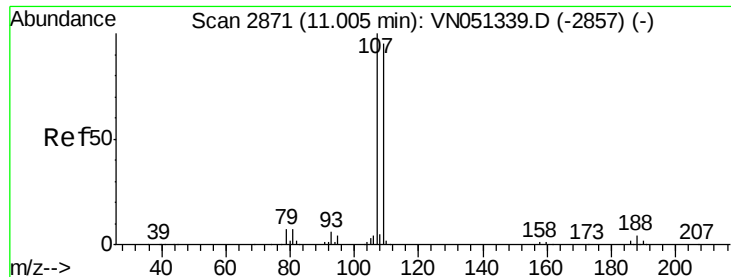
Tot Ion: 43 Resp: 796591
Ion Ratio Lower Upper
43 100
58 59.7 29.9 89.8



#60
Dibromochloromethane
Concen: 51.696 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

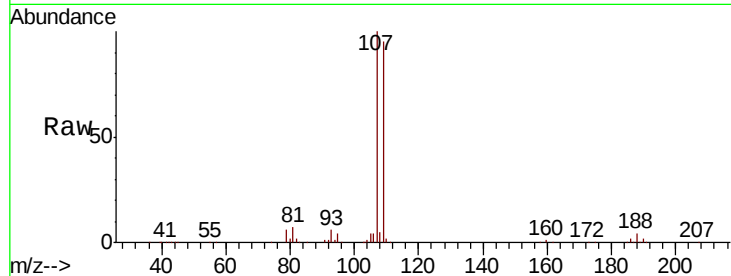
Tgt Ion: 129 Resp: 407722
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8



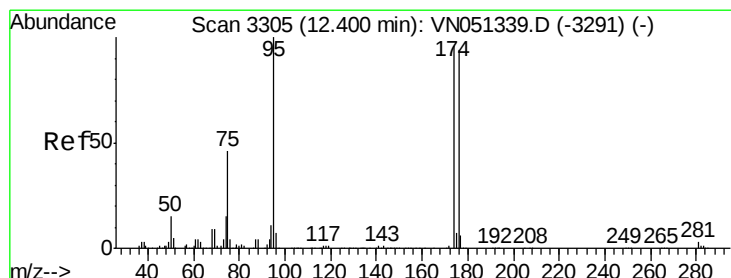
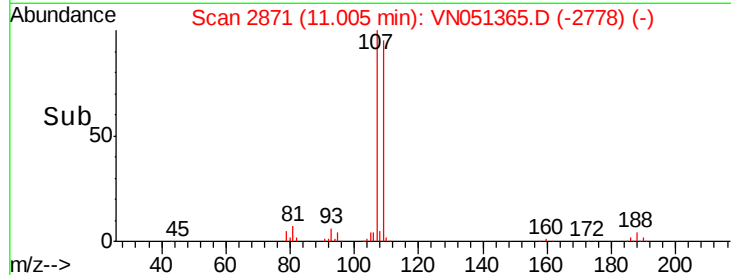
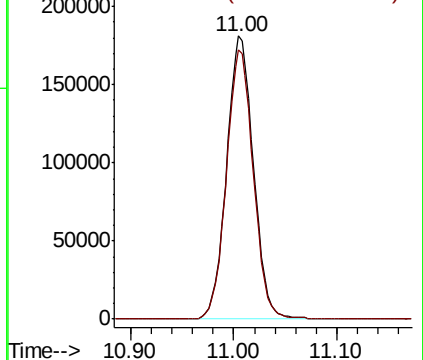


#61
 1,2-Dibromoethane
 Concen: 50.419 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tot Ion: 107 Resp: 327834
 Ion Ratio Lower Upper
 107 100
 109 95.4 75.8 113.6

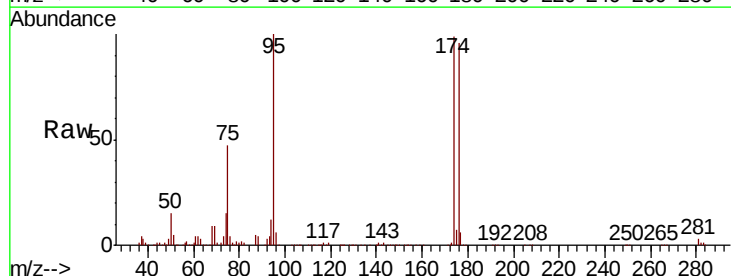


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

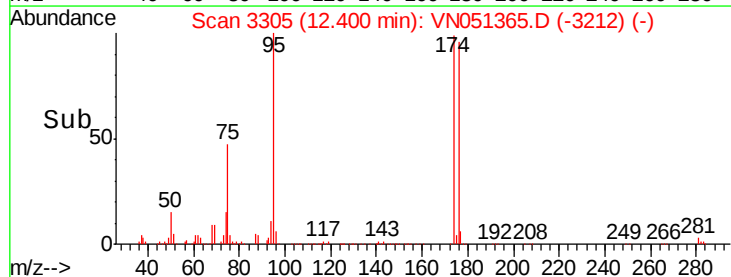
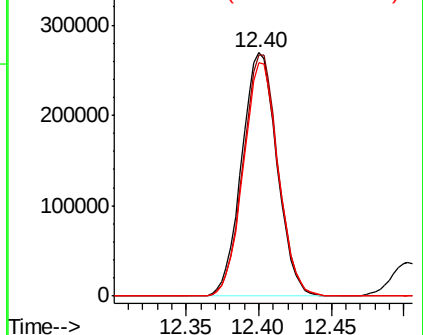


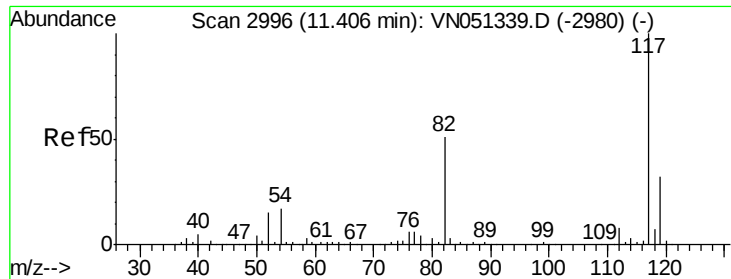
#62
 4-Bromofluorobenzene
 Concen: 47.566 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tgt Ion: 95 Resp: 456759
 Ion Ratio Lower Upper
 95 100
 174 98.0 0.0 194.6
 176 94.9 0.0 189.6



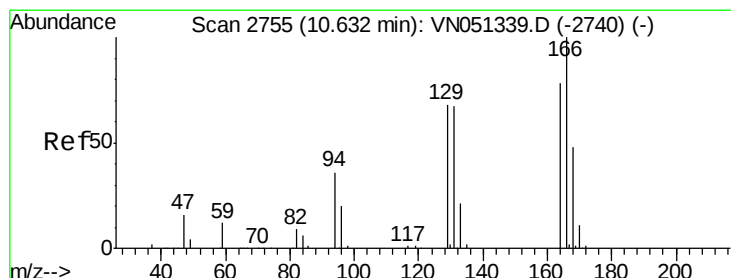
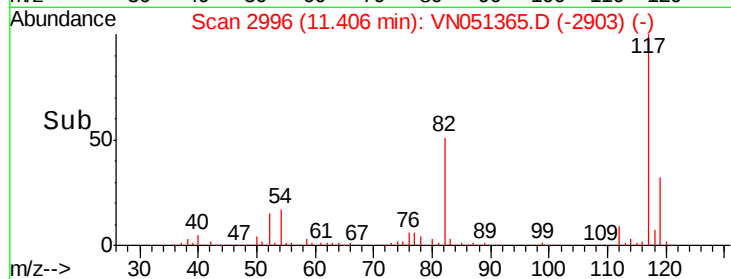
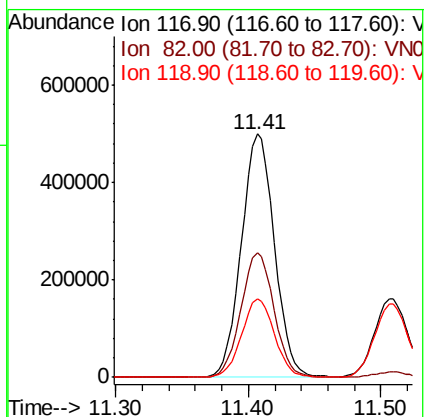
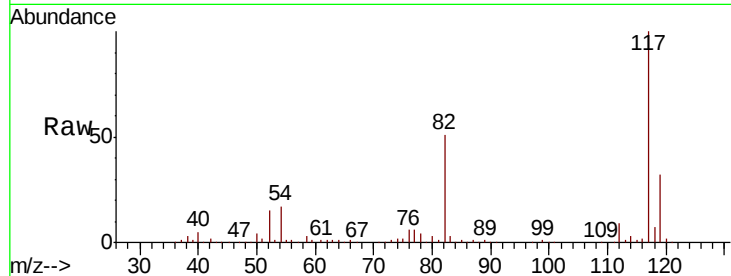
Abundance Ion 94.90 (94.60 to 95.60): VN0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V





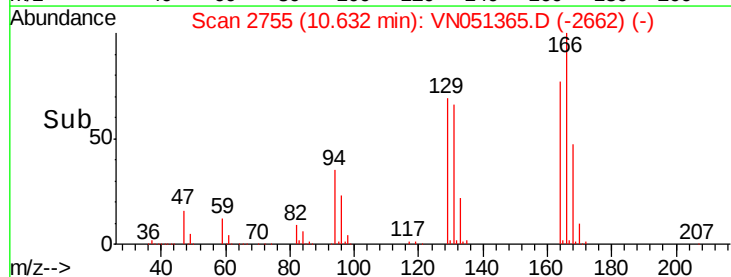
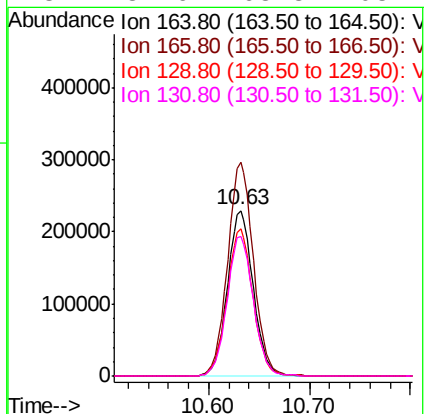
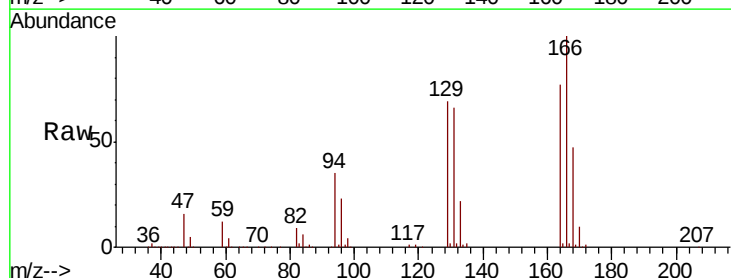
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

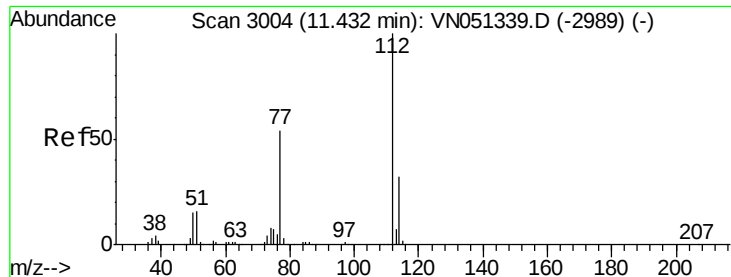
Tot Ion:117 Resp: 867299
Ion Ratio Lower Upper
117 100
82 51.4 40.7 61.1
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 54.081 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

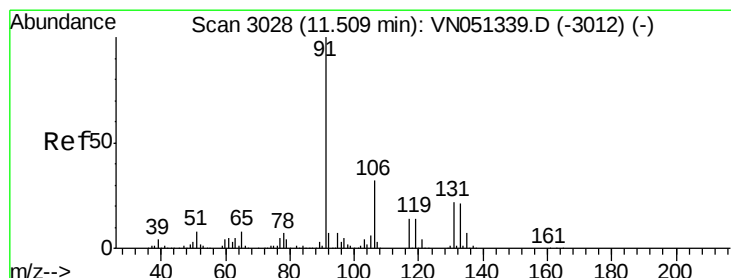
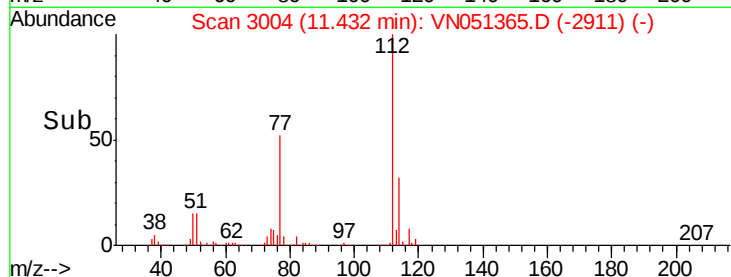
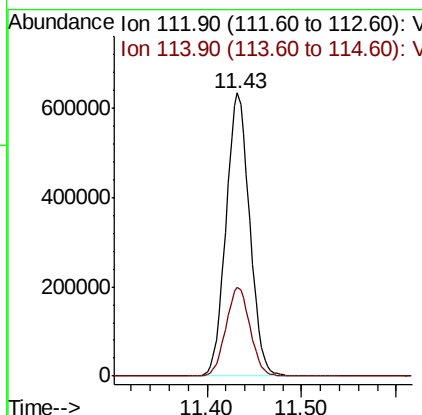
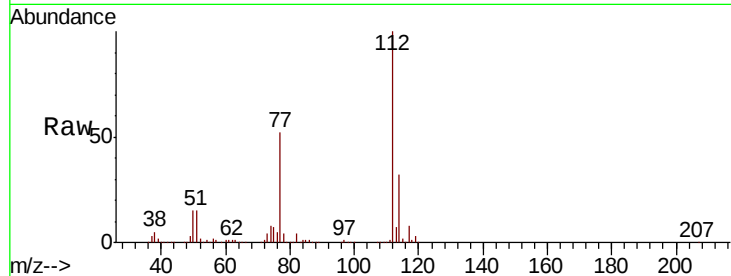
Tgt Ion:164 Resp: 409020
Ion Ratio Lower Upper
164 100
166 129.2 102.1 153.1
129 88.7 69.4 104.2
131 84.6 68.8 103.2





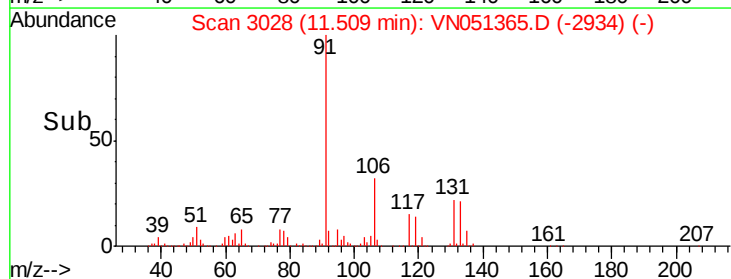
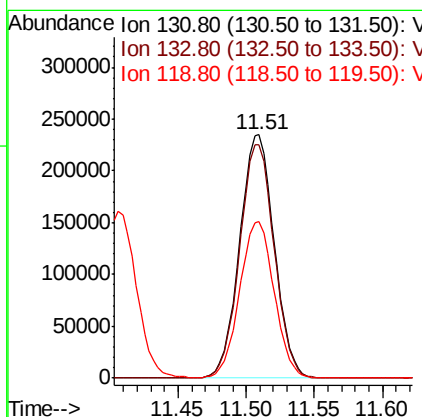
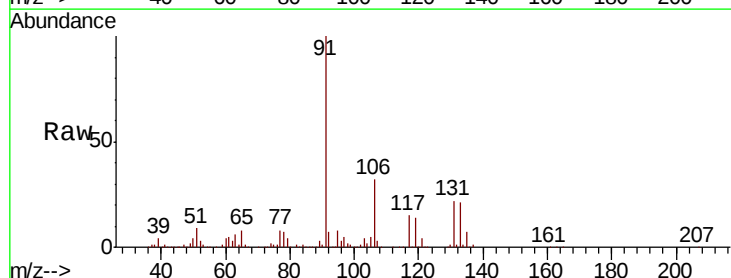
#65
Chlorobenzene
Concen: 52.988 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

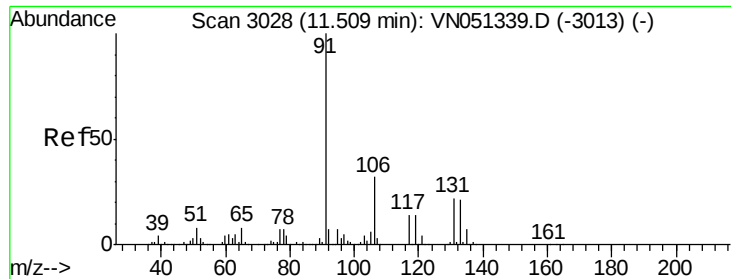
Tot Ion:112 Resp: 1097945
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.390 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

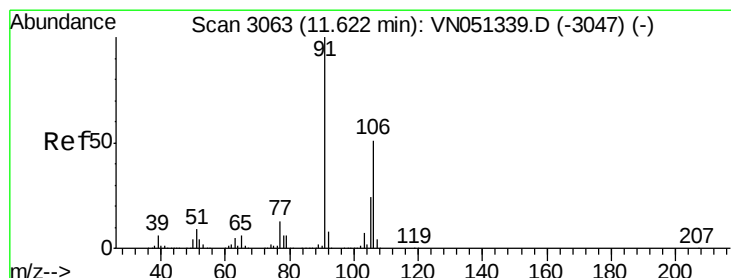
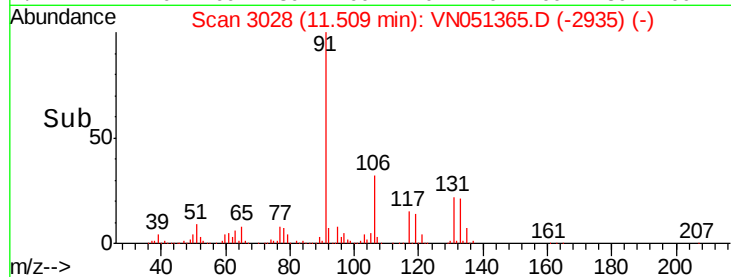
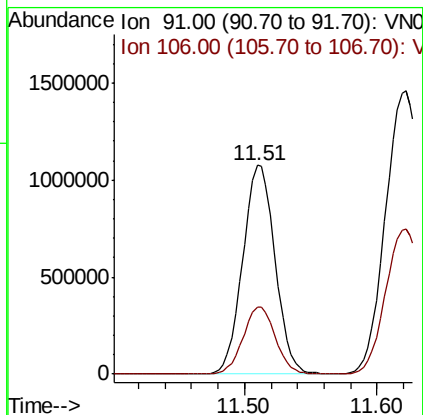
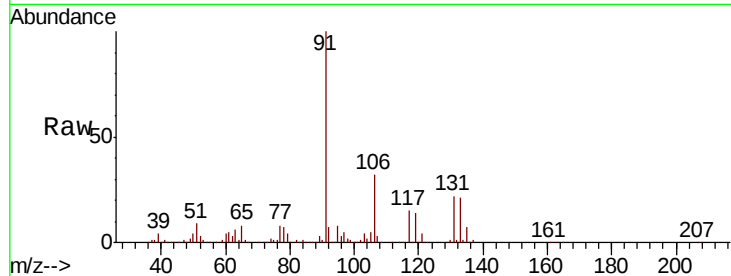
Tgt Ion:131 Resp: 413267
Ion Ratio Lower Upper
131 100
133 96.0 47.4 142.2
119 64.3 32.6 97.7





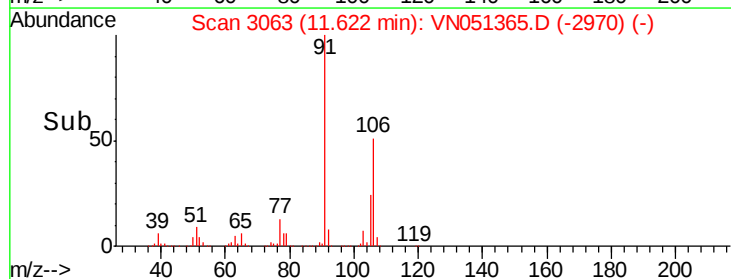
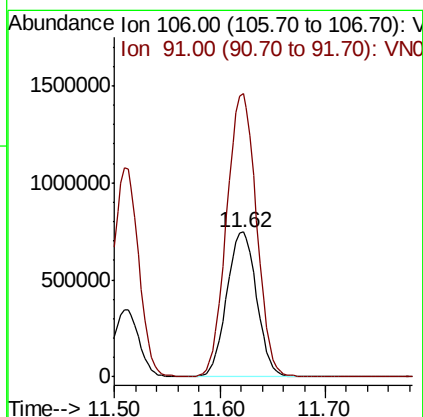
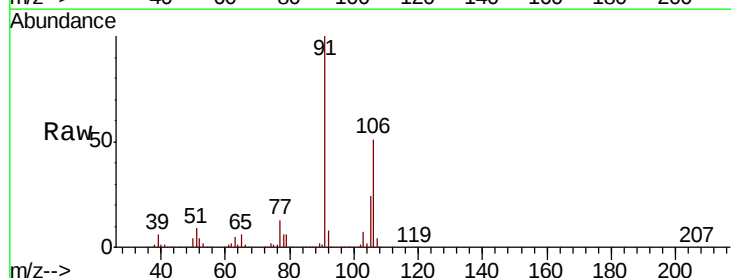
#67
Ethyl Benzene
Concen: 56.123 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

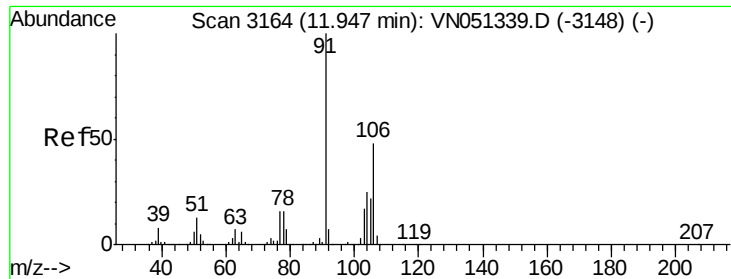
Tot Ion: 91 Resp: 1819228
Ion Ratio Lower Upper
91 100
106 32.1 25.8 38.8



#68
m/p-Xylenes
Concen: 114.701 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

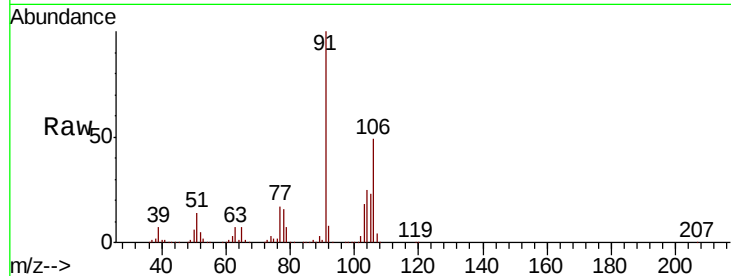
Tgt Ion: 106 Resp: 1460704
Ion Ratio Lower Upper
106 100
91 195.6 156.5 234.7



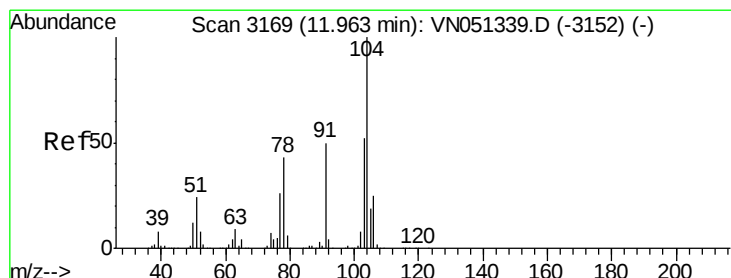
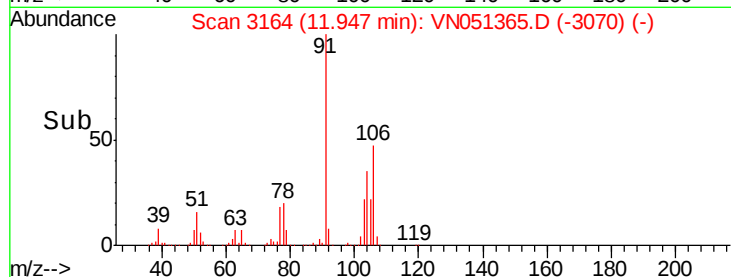
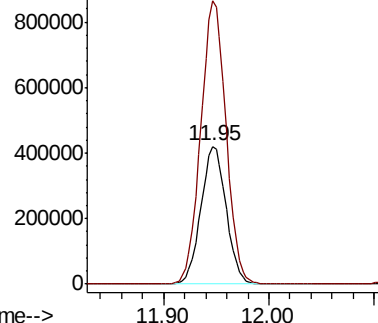


#69
o-Xylene
Concen: 56.529 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion:106 Resp: 693981
Ion Ratio Lower Upper
106 100
91 206.2 104.6 313.7

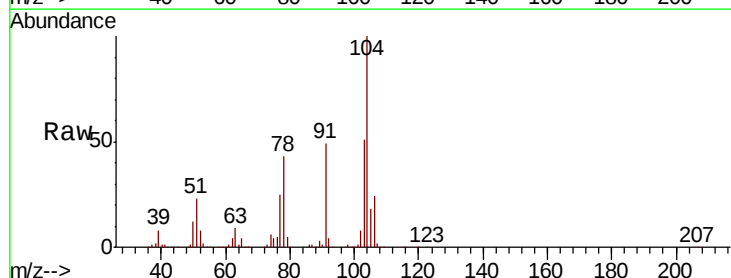


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

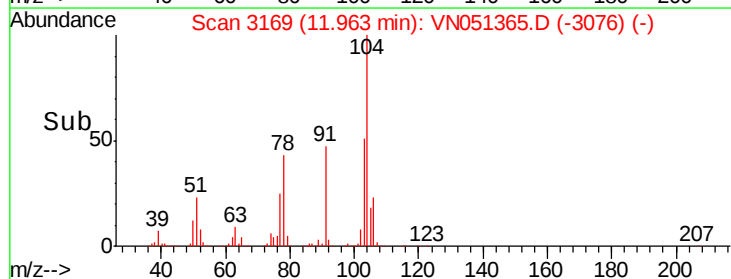
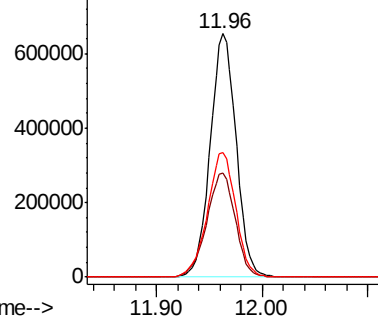


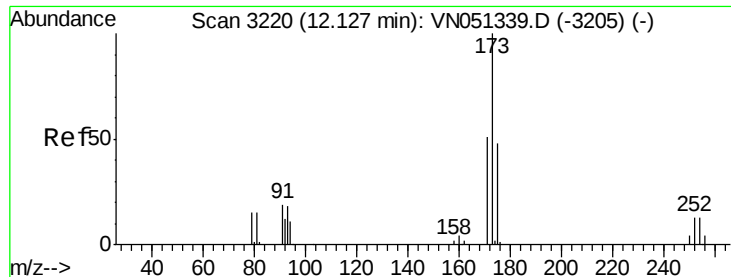
#70
Styrene
Concen: 51.890 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion:104 Resp: 1111932
Ion Ratio Lower Upper
104 100
78 47.1 37.8 56.6
103 55.7 44.3 66.5



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





#71

Bromoform

Concen: 52.936 ug/l

RT: 12.13 min Scan# 3220

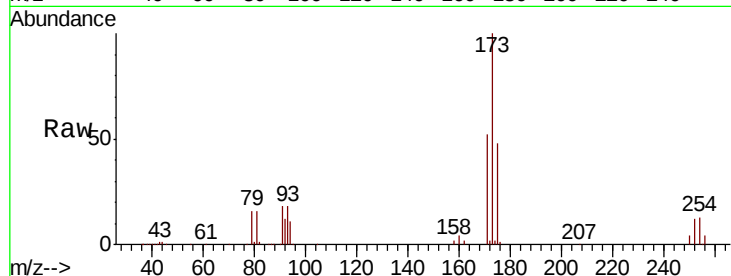
Delta R.T. -0.00 min

Lab File: VN051365.D

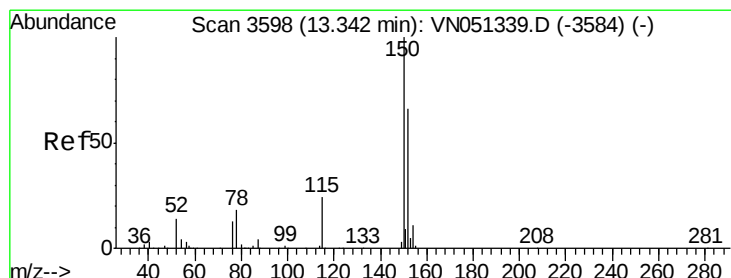
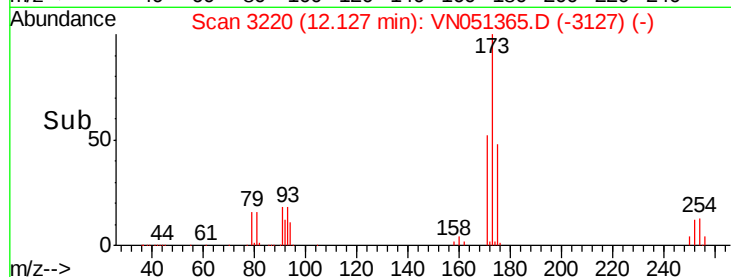
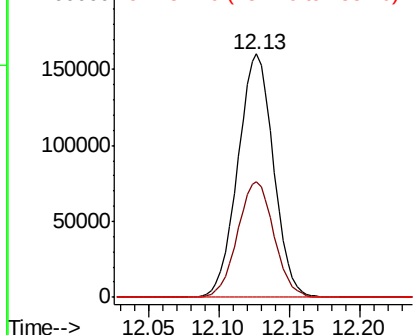
Acq: 21 Sep 2018 13:23

Tot Ion:173 Resp: 283397

Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	73.0
254	0.2	0.1	0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

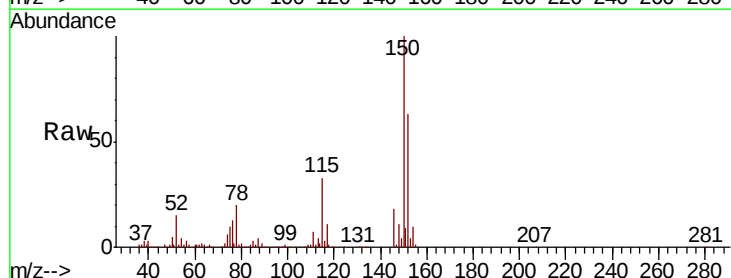
Delta R.T. -0.00 min

Lab File: VN051365.D

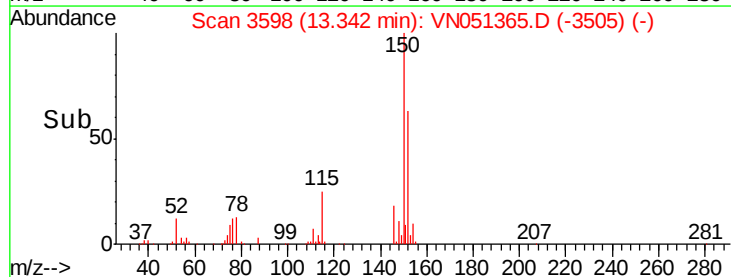
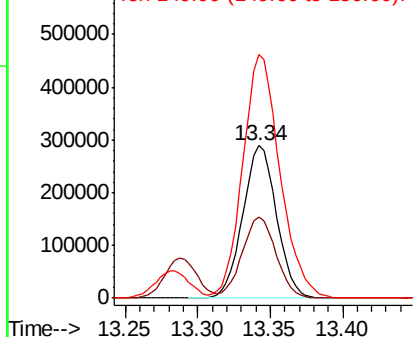
Acq: 21 Sep 2018 13:23

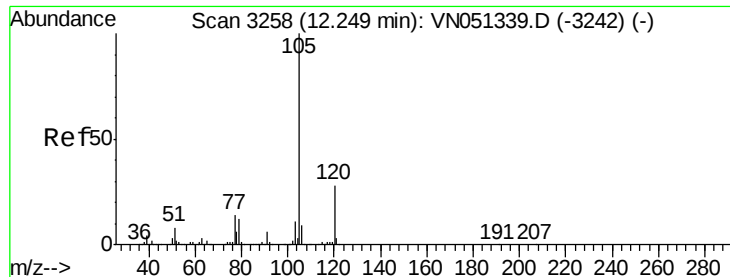
Tgt Ion:152 Resp: 468617

Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.9	80.7
150	176.2	0.0	345.0



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





#73

Isopropylbenzene

Concen: 53.848 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051365.D

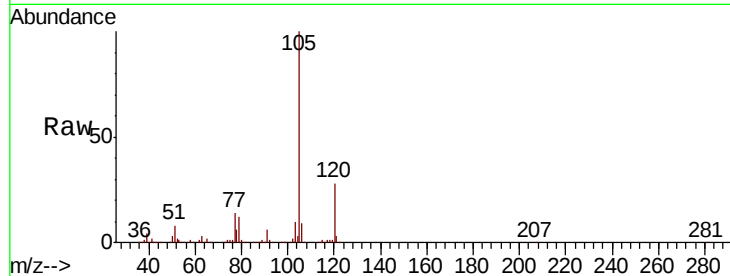
Acq: 21 Sep 2018 13:23

Tot Ion: 105 Resp: 1849407

Ion Ratio Lower Upper

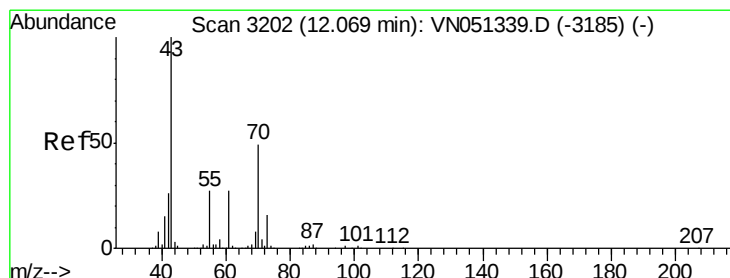
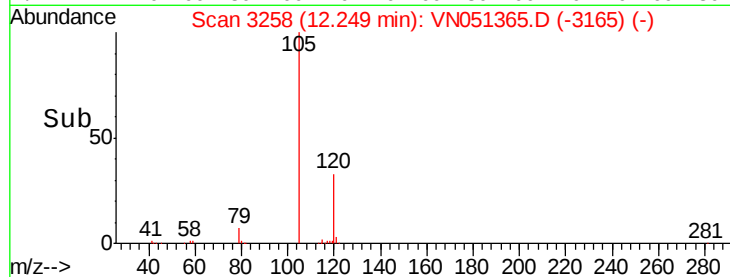
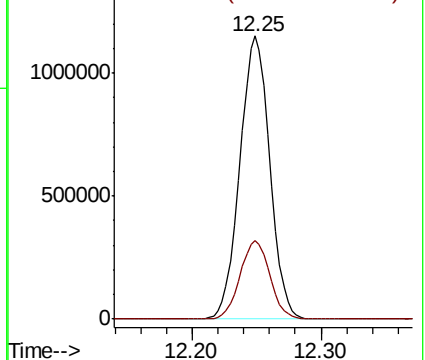
105 100

120 27.7 13.9 41.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.684 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tgt Ion: 43 Resp: 357716

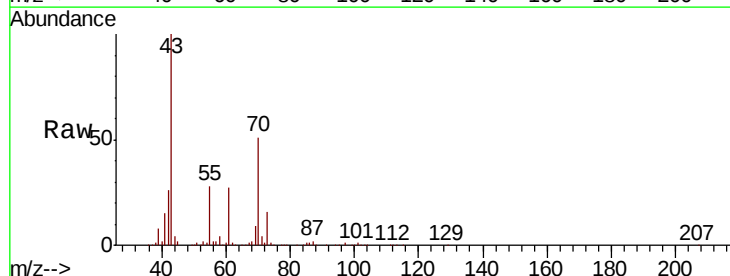
Ion Ratio Lower Upper

43 100

70 50.0 39.5 59.3

55 28.4 22.6 34.0

61 26.9 21.5 32.3

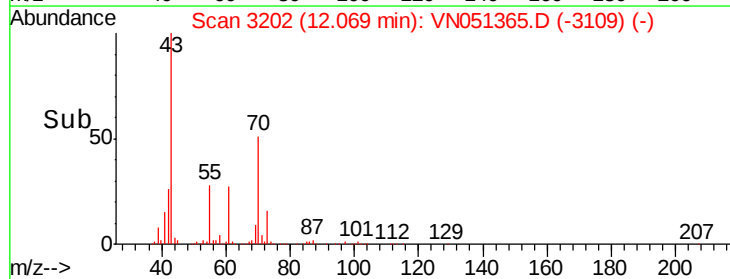
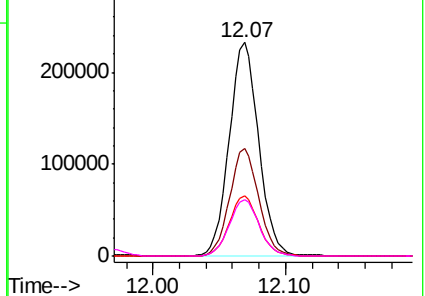


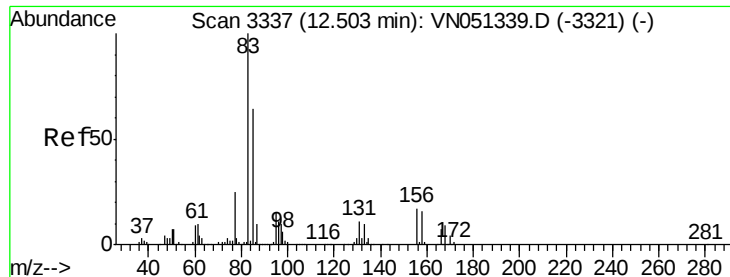
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.865 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

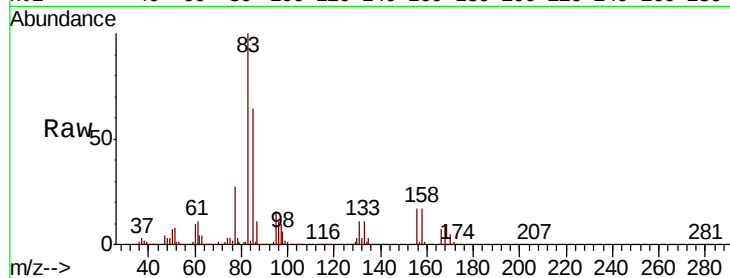
Tot Ion: 83 Resp: 381695

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.5	16.7
85	63.6	32.3	96.9

83 100

131 11.4 5.5 16.7

85 63.6 32.3 96.9

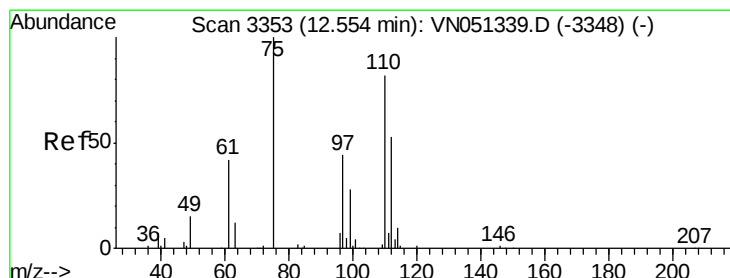
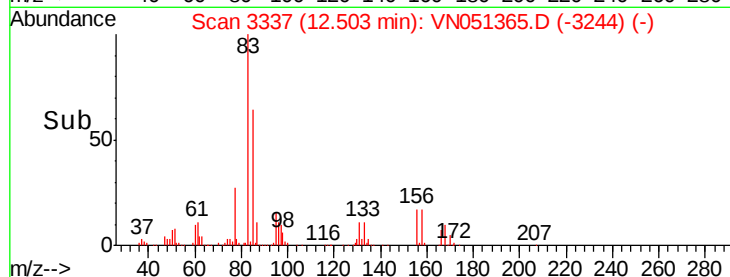
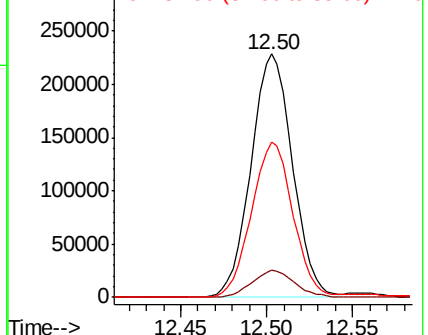


Abundance

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



#76

1,2,3-Trichloropropane

Concen: 75.841 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051365.D

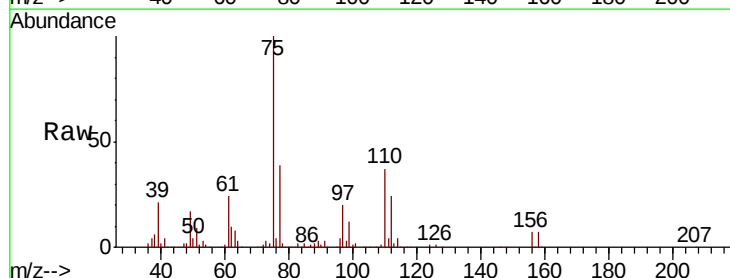
Acq: 21 Sep 2018 13:23

Tgt Ion: 75 Resp: 465503

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

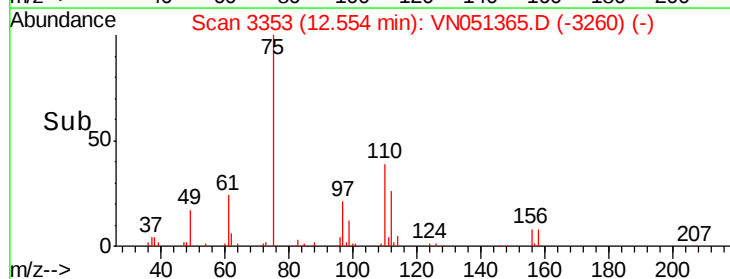
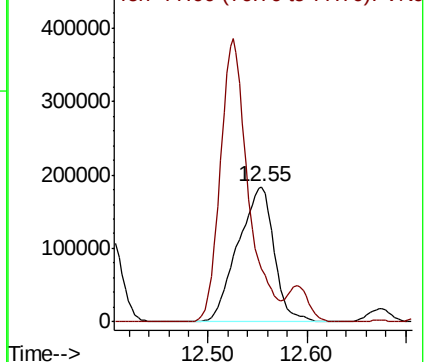
77 0.0 0.0 0.0

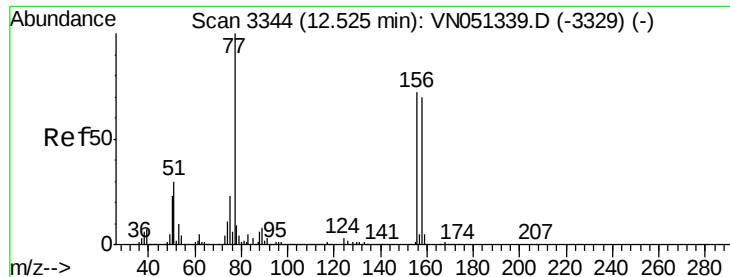


Abundance

Ion 74.90 (74.60 to 75.60): VN0

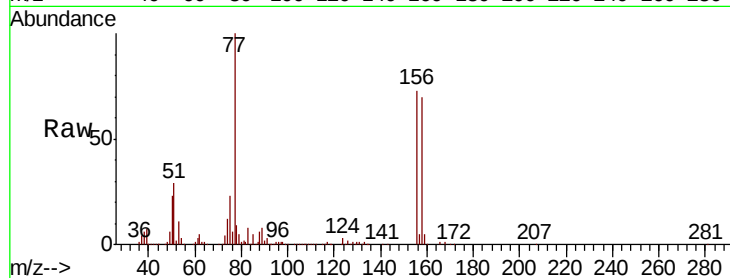
Ion 77.00 (76.70 to 77.70): VN0



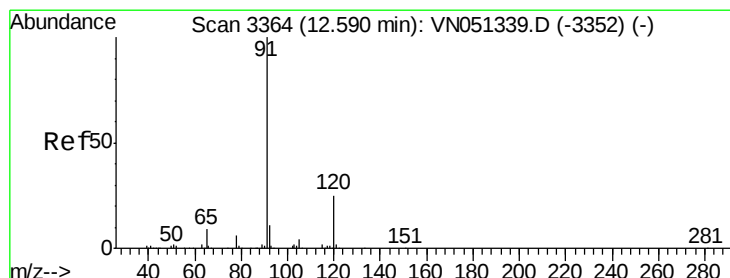
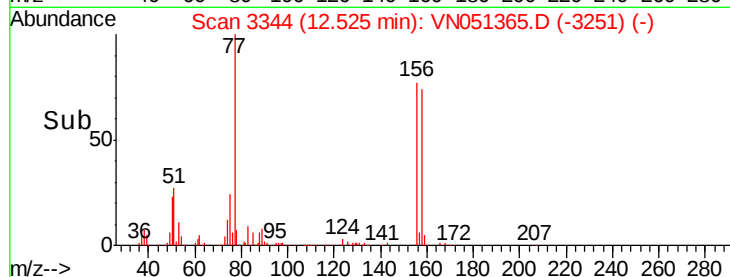
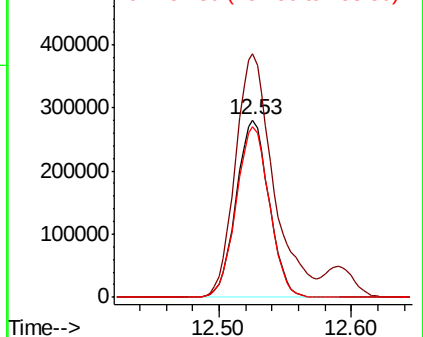


#77
Bromobenzene
Concen: 50.797 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion:156 Resp: 482022
Ion Ratio Lower Upper
156 100
77 159.0 80.8 242.4
158 97.3 48.8 146.3

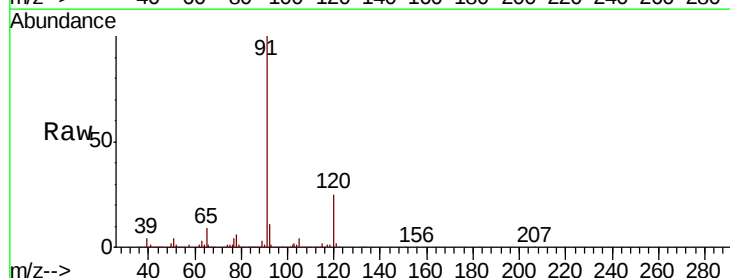


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

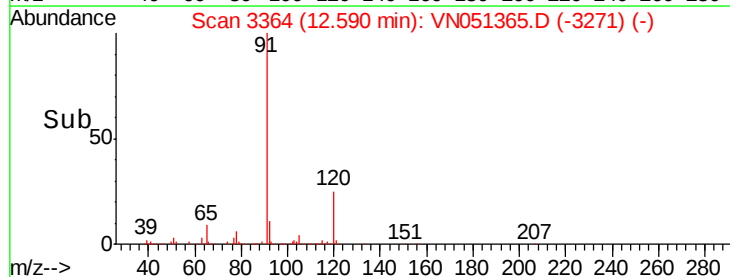
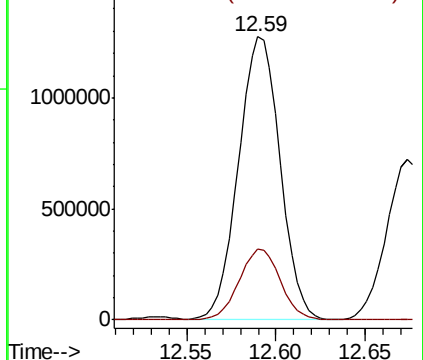


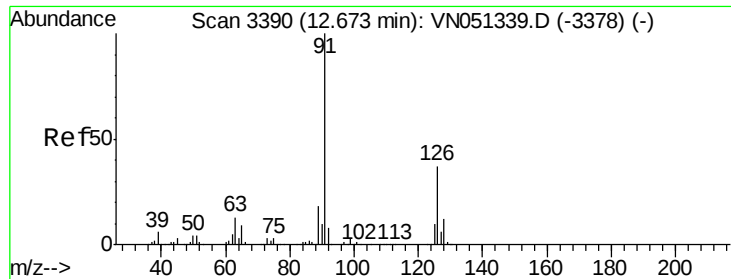
#78
n-propylbenzene
Concen: 55.085 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tgt Ion: 91 Resp: 2062522
Ion Ratio Lower Upper
91 100
120 24.9 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.210 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN051365.D

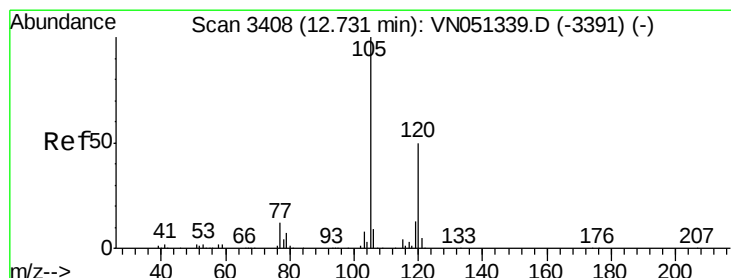
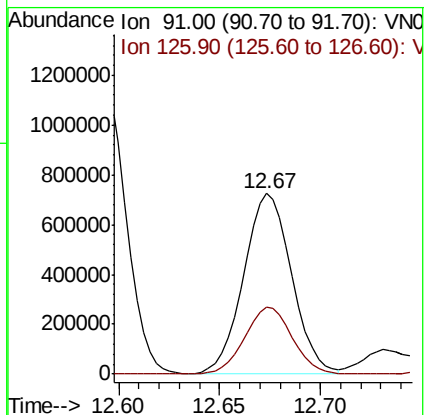
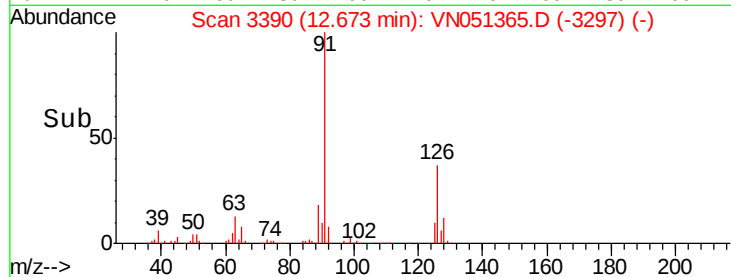
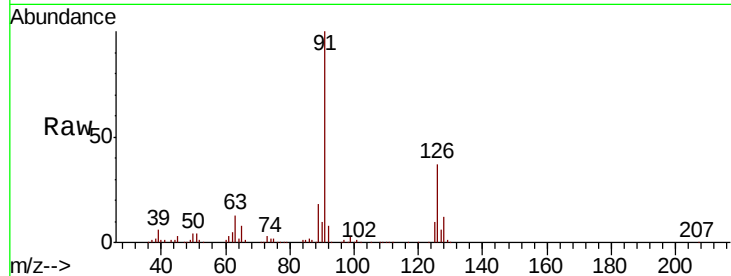
Acq: 21 Sep 2018 13:23

Tot Ion: 91 Resp: 1204738

Ion Ratio Lower Upper

91 100

126 36.9 18.6 55.8



#80

1,3,5-Trimethylbenzene

Concen: 55.311 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051365.D

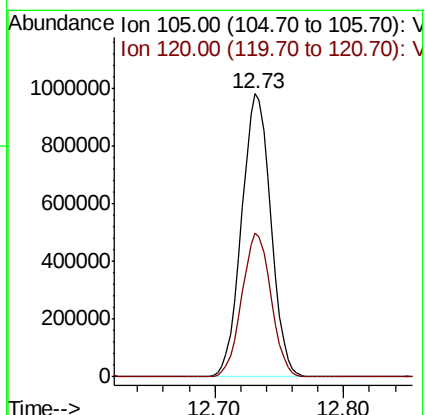
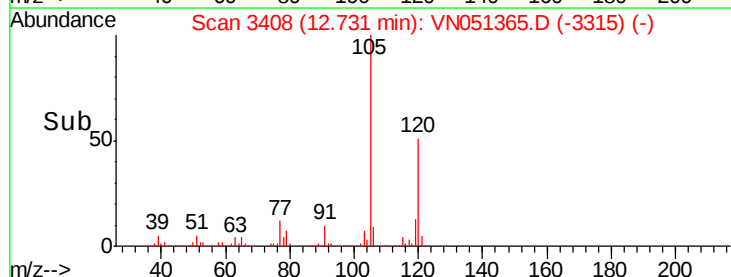
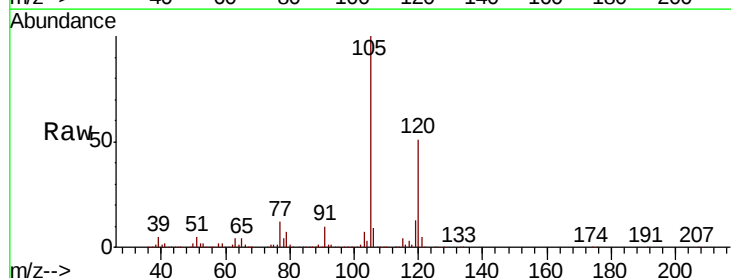
Acq: 21 Sep 2018 13:23

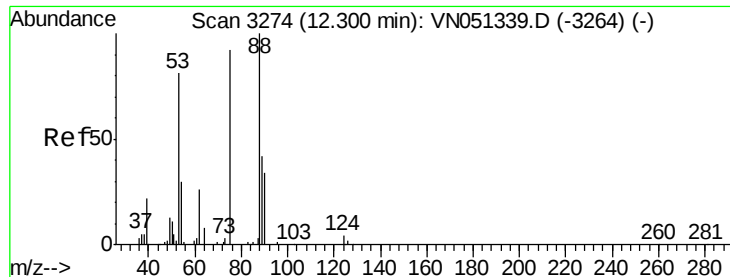
Tgt Ion:105 Resp: 1539985

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.615 ug/l

RT: 12.30 min Scan# 3274

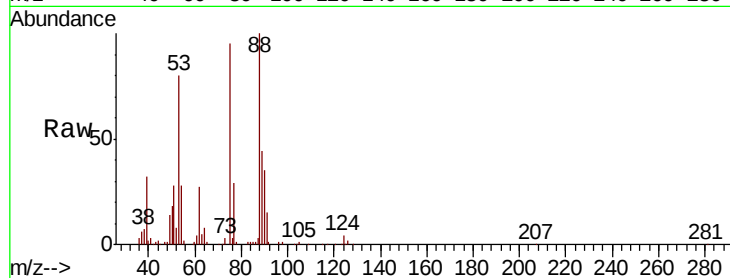
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tot Ion: 75 Resp: 107883

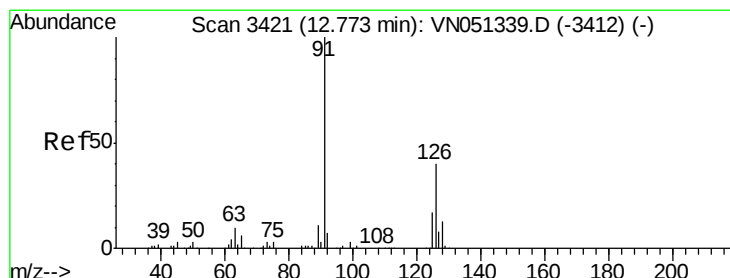
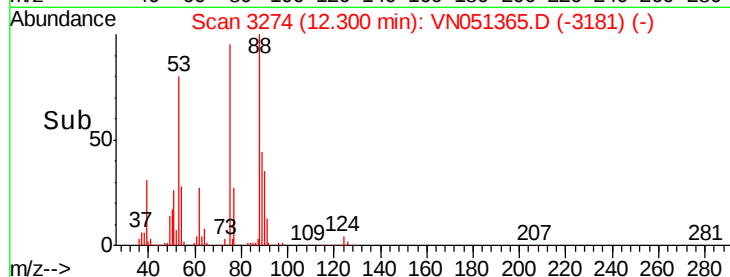
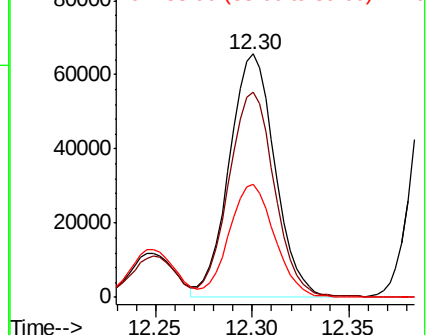
Ion	Ratio	Lower	Upper
75	100		
53	85.2	69.9	104.9
89	46.3	37.9	56.9



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: 54.200 ug/l

RT: 12.77 min Scan# 3421

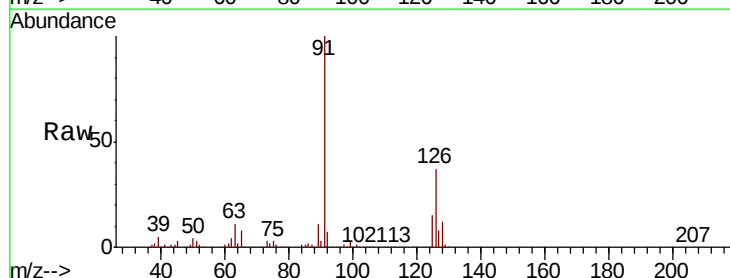
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

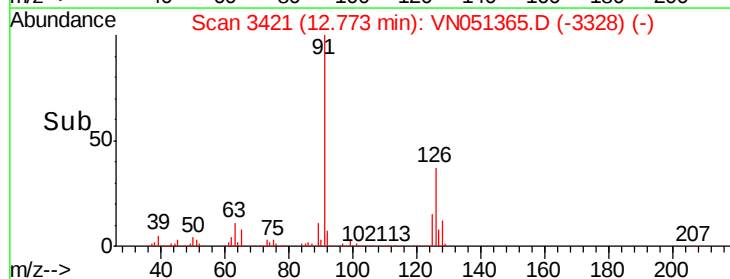
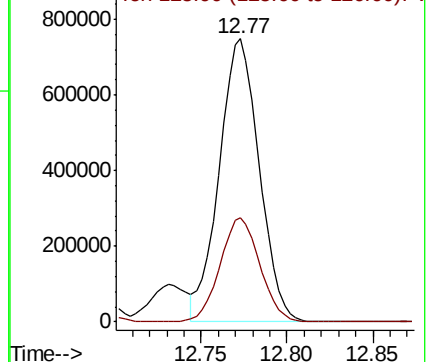
Tgt Ion: 91 Resp: 1215572

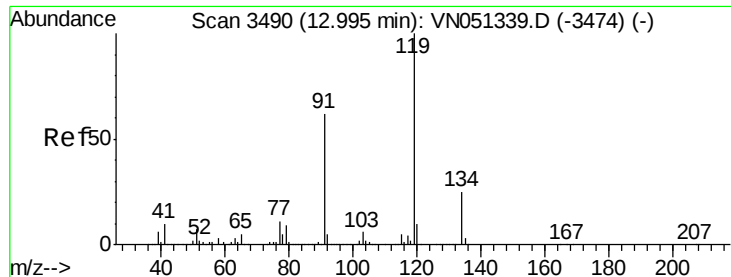
Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.3	54.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

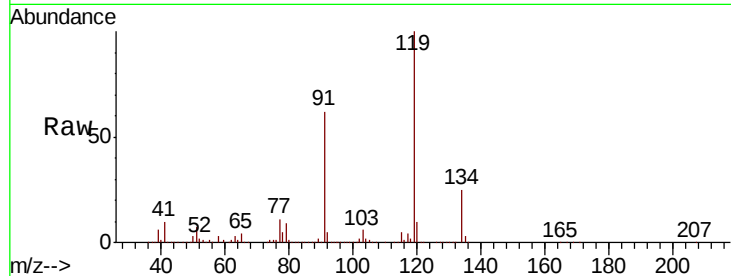
Ion 125.90 (125.60 to 126.60): V



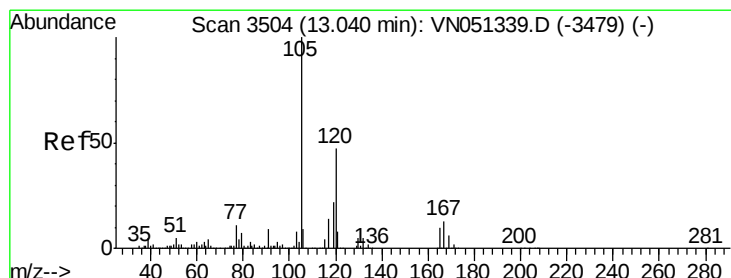
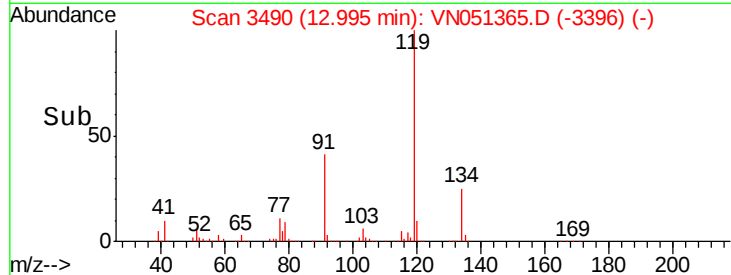
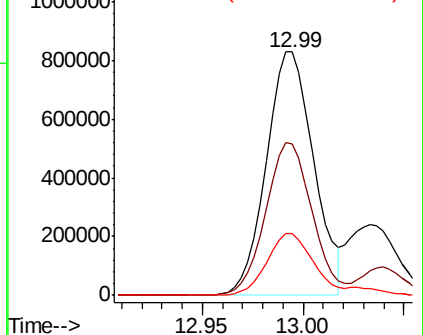


#83
 tert-Butylbenzene
 Concen: 54.496 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tot Ion:119 Resp: 1358073
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.6 91.8
 134 27.1 12.6 37.6

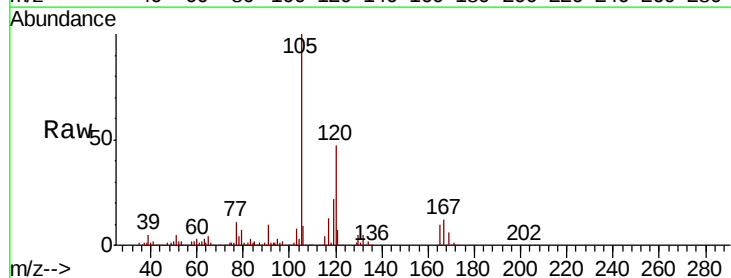


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

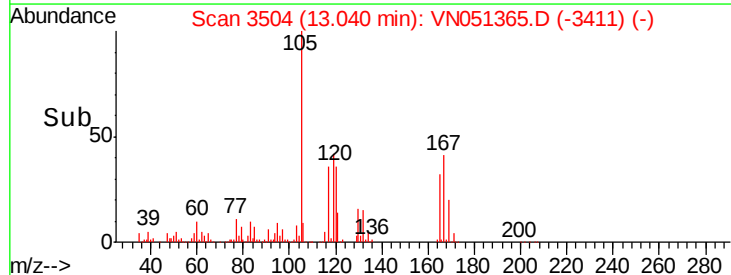
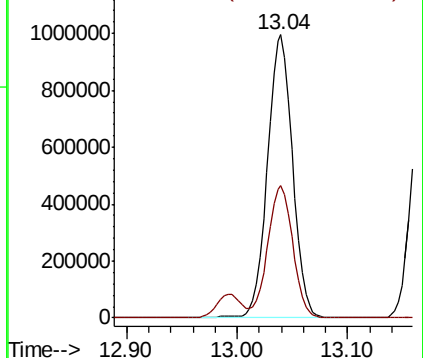


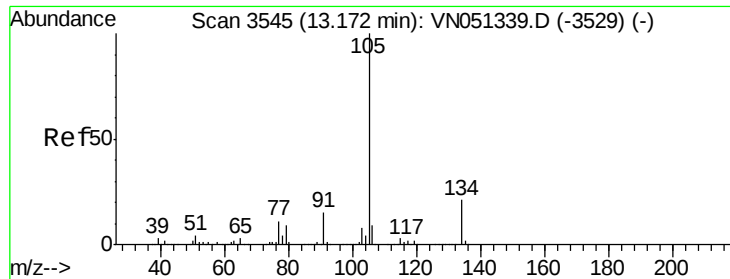
#84
 1,2,4-Trimethylbenzene
 Concen: 56.985 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tgt Ion:105 Resp: 1574729
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.5 70.6



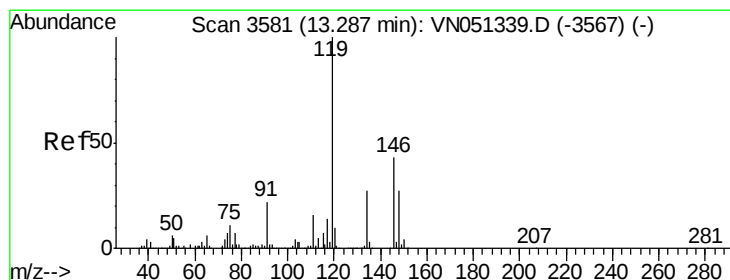
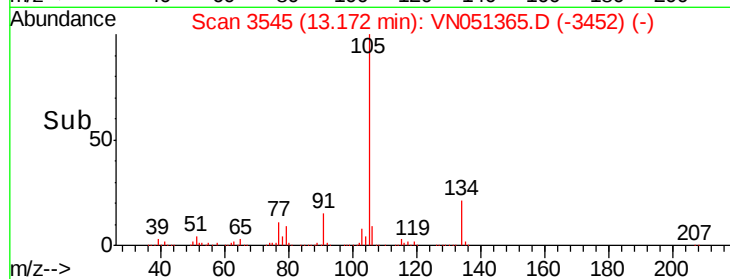
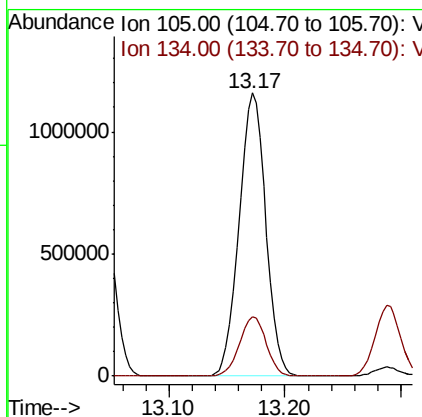
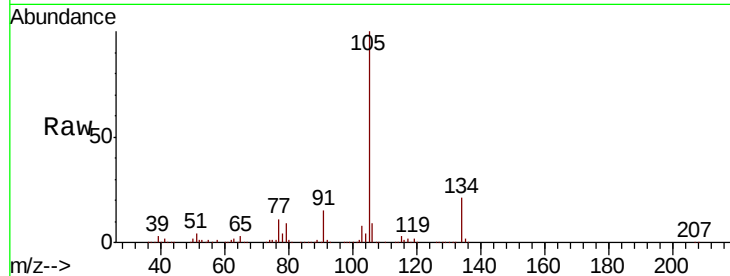
Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





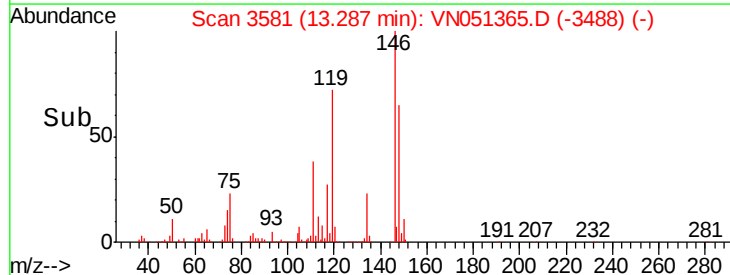
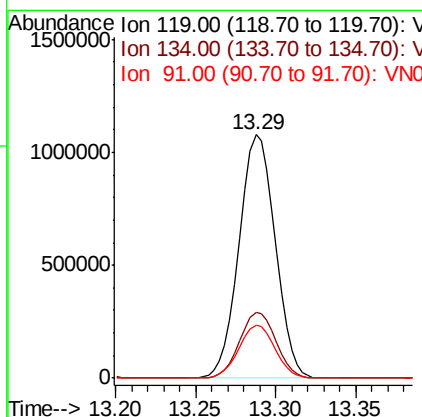
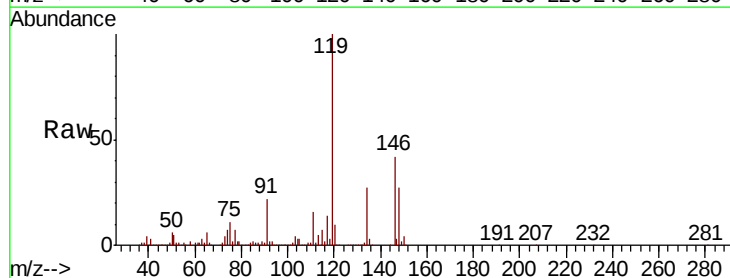
#85
 sec-Butylbenzene
 Concen: 55.463 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

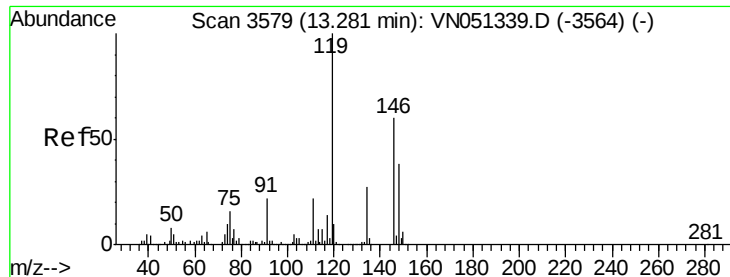
Tot Ion:105 Resp: 1838104
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.8 32.3



#86
 p-Isopropyltoluene
 Concen: 57.348 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tgt Ion:119 Resp: 1654031
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.7 41.0
 91 21.7 10.8 32.3





#87

1,3-Dichlorobenzene

Concen: 52.365 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

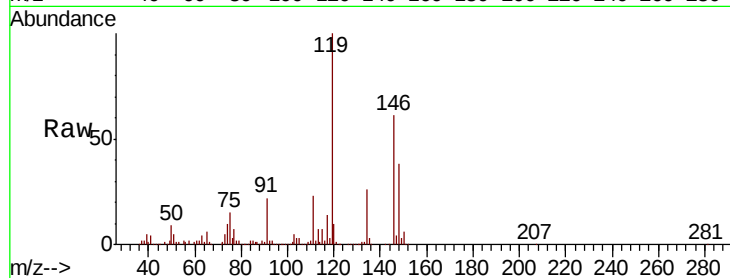
Tot Ion:146 Resp: 835213

Ion Ratio Lower Upper

146 100

111 37.6 18.6 55.8

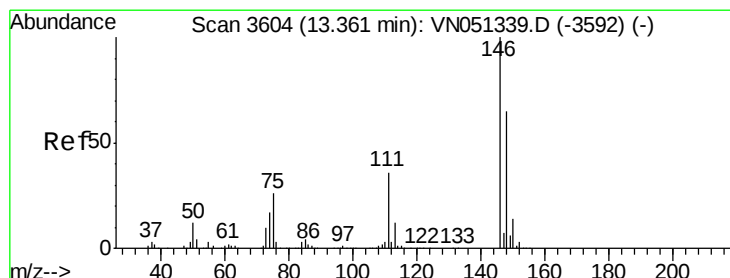
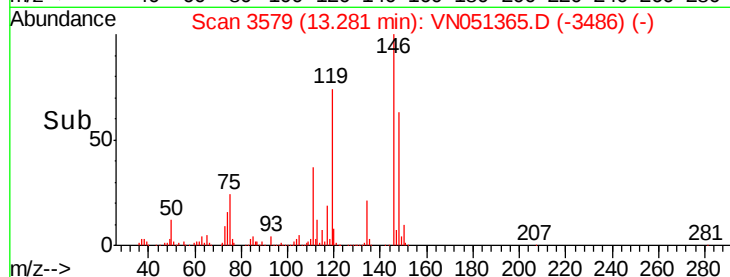
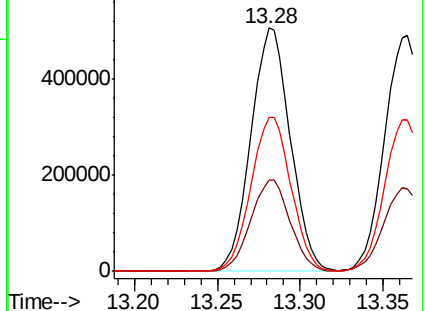
148 64.3 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.766 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

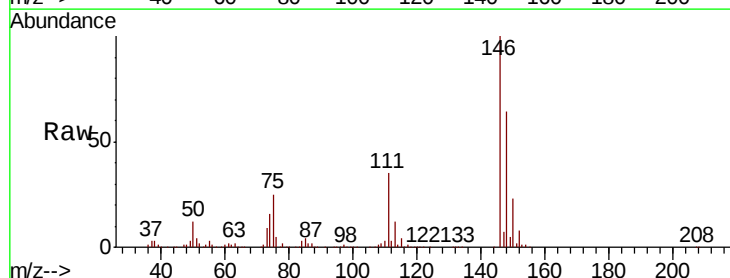
Tgt Ion:146 Resp: 815852

Ion Ratio Lower Upper

146 100

111 35.8 18.2 54.6

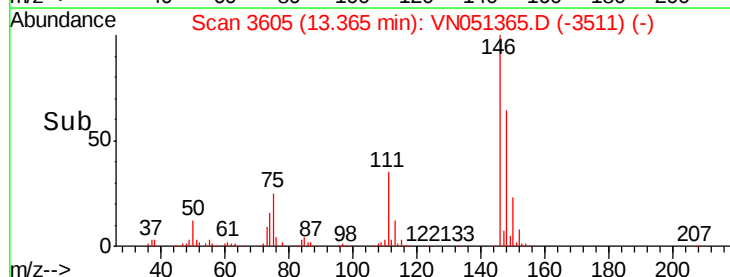
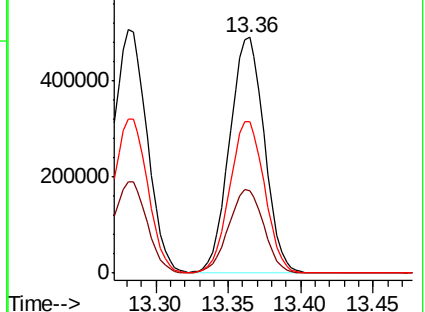
148 64.8 32.5 97.4

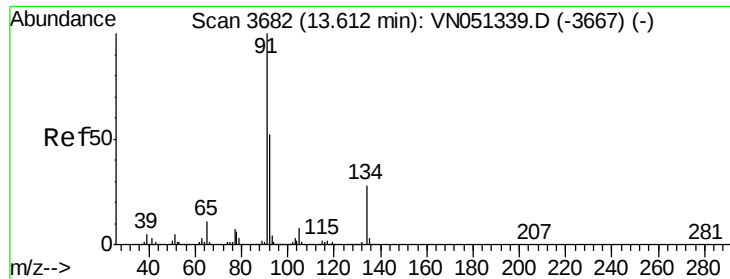


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

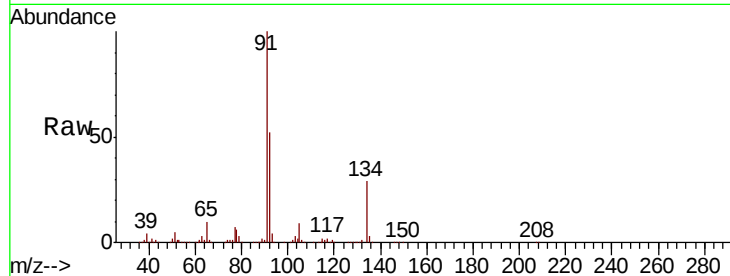




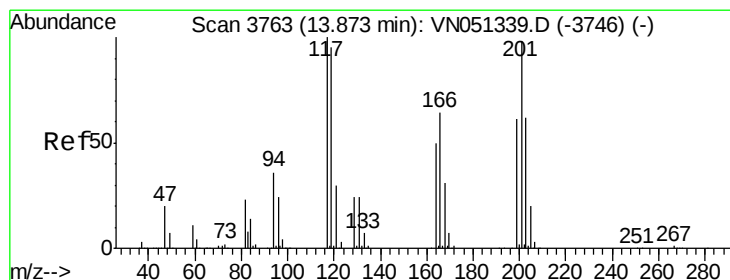
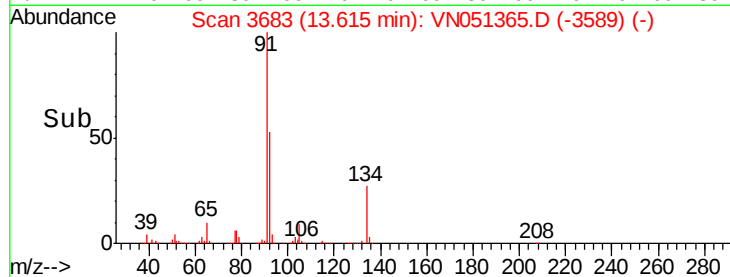
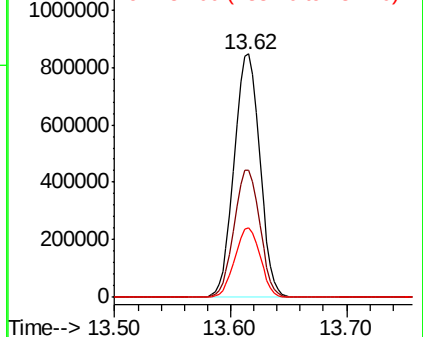
#89
n-Butylbenzene
Concen: 51.813 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

Tot Ion: 91 Resp: 1296435

Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	28.4	14.1	42.4



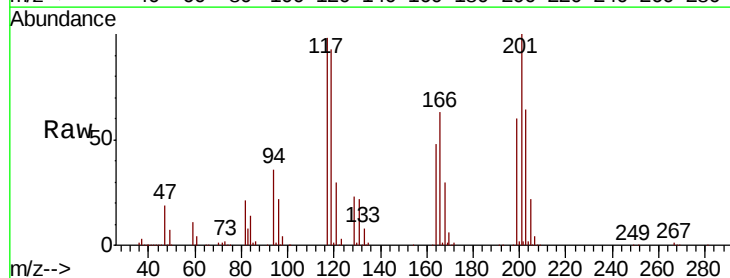
Abundance Ion 91.00 (90.70 to 91.70): VN051339.D (-3667) (-)
 Ion 92.00 (91.70 to 92.70): VN051339.D (-3667) (-)
 Ion 134.00 (133.70 to 134.70): VN051339.D (-3667) (-)



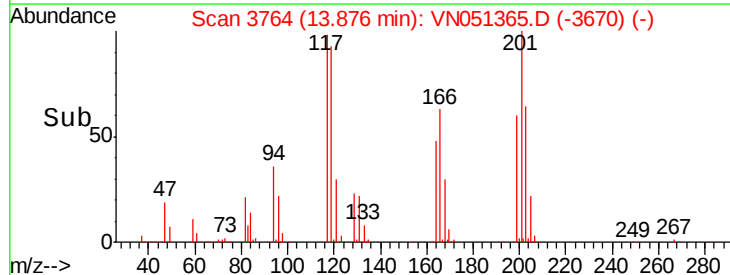
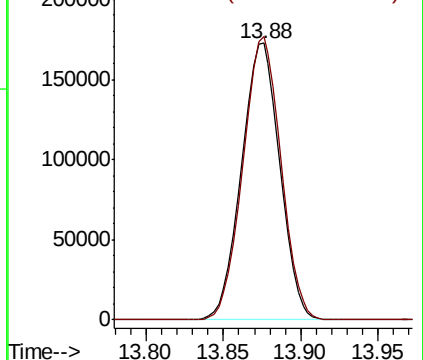
#90
Hexachloroethane
Concen: 48.308 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051365.D
Acq: 21 Sep 2018 13:23

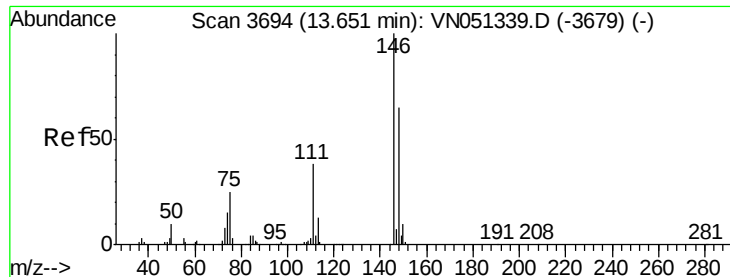
Tgt Ion: 117 Resp: 298385

Ion	Ratio	Lower	Upper
117	100		
201	101.3	49.5	148.3



Abundance Ion 116.80 (116.50 to 117.50): VN051339.D (-3746) (-)
 Ion 200.70 (200.40 to 201.40): VN051339.D (-3746) (-)





#91

1,2-Dichlorobenzene

Concen: 51.770 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

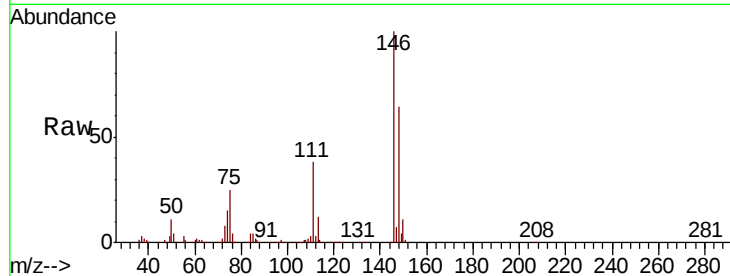
Tot Ion:146 Resp: 797664

Ion Ratio Lower Upper

146 100

111 38.3 19.3 57.8

148 63.9 32.9 98.7

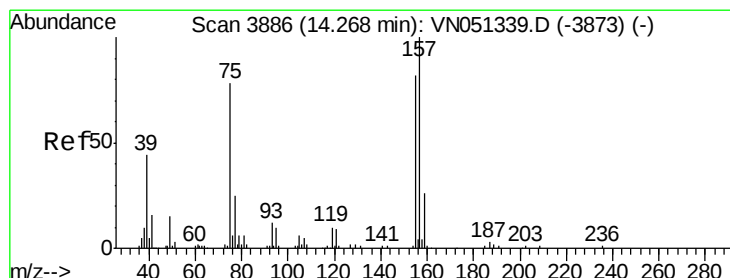
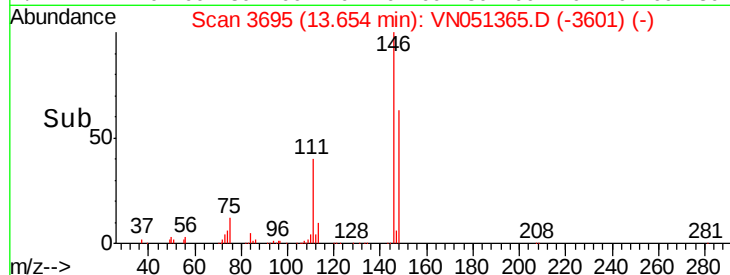
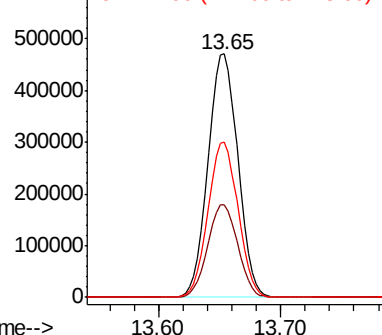


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.033 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

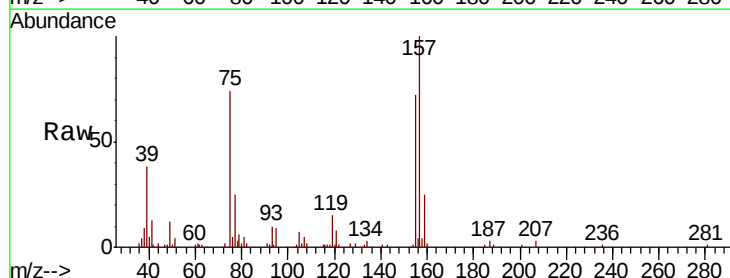
Tgt Ion: 75 Resp: 52799

Ion Ratio Lower Upper

75 100

155 97.9 51.4 154.2

157 134.3 65.4 196.2

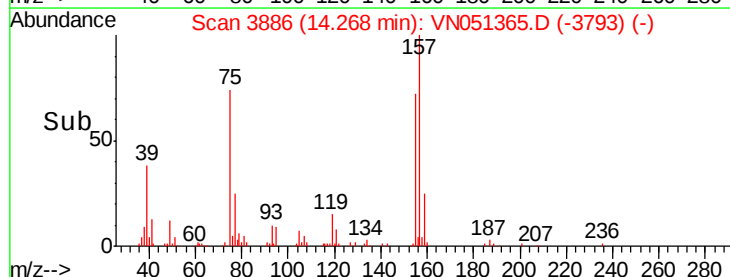
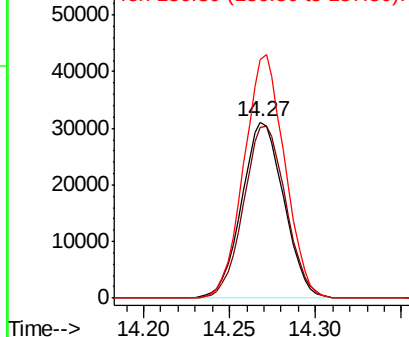


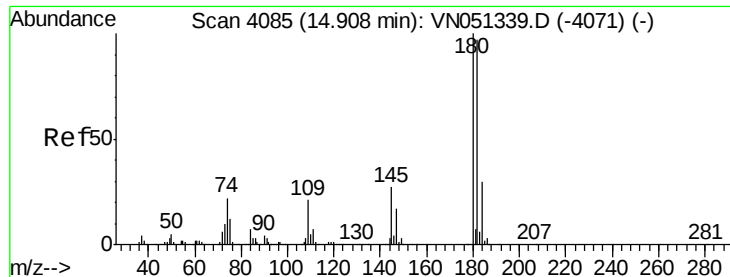
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

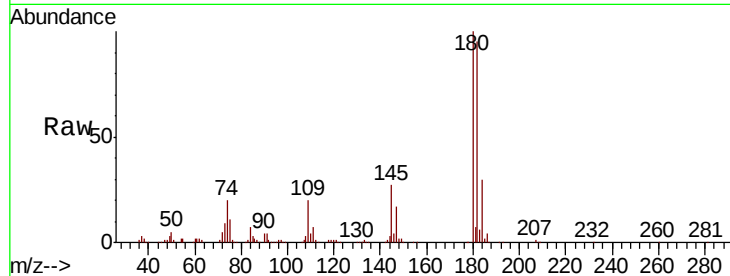
Ion 156.80 (156.50 to 157.50): V



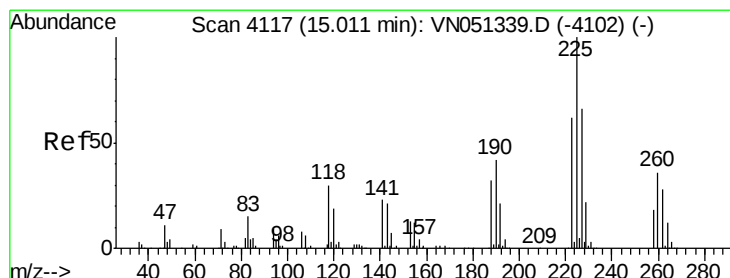
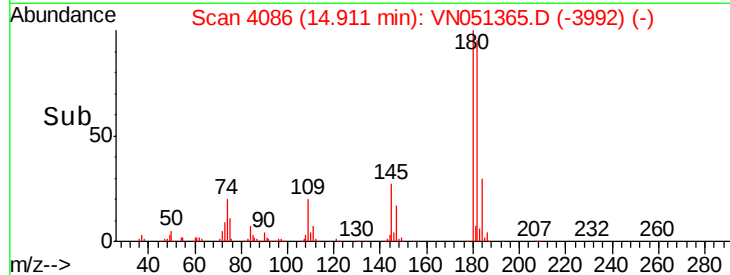
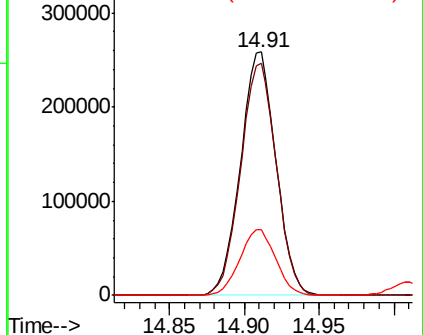


#93
 1,2,4-Trichlorobenzene
 Concen: 48.095 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.4	145.2
145	27.3	13.7	41.1

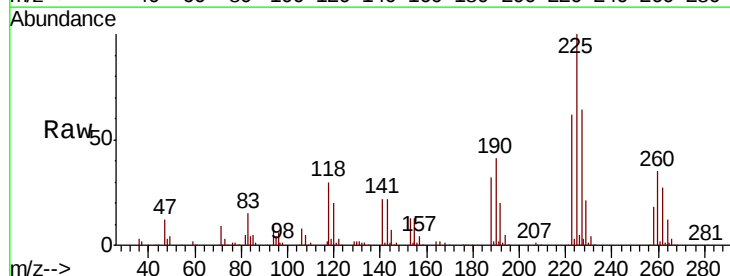


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

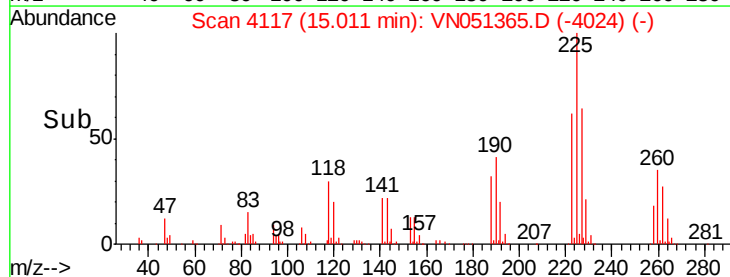
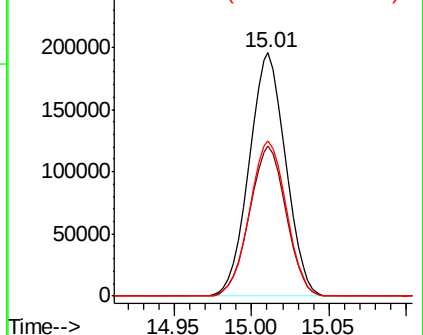


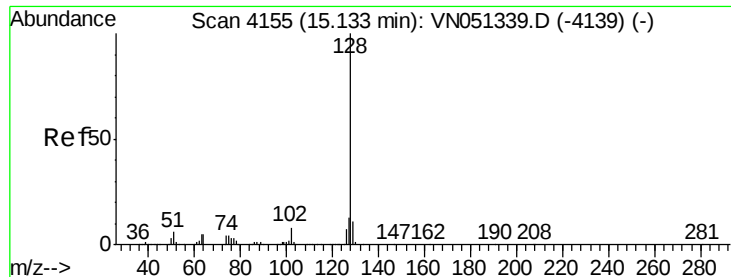
#94
 Hexachlorobutadiene
 Concen: 53.773 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051365.D
 Acq: 21 Sep 2018 13:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.2	93.6
227	64.2	32.8	98.4



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: 43.775 ug/l

RT: 15.13 min Scan# 4155

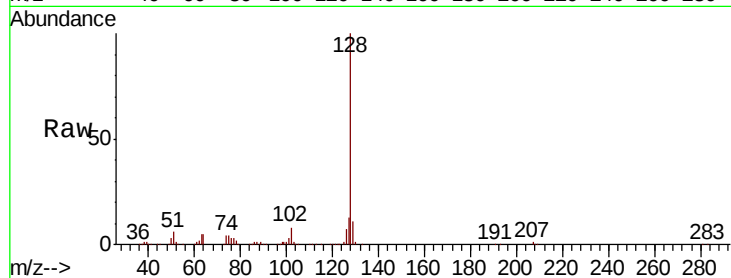
Delta R.T. 0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tot Ion:128 Resp: 708637

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.0	8.6	13.0

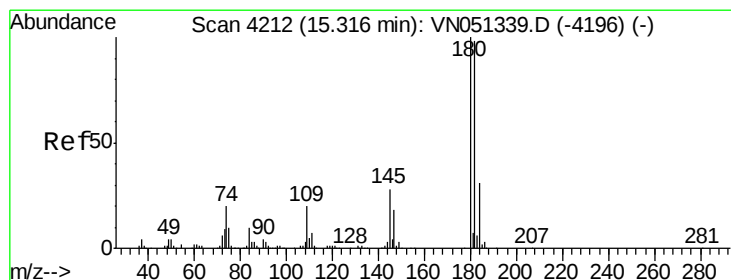
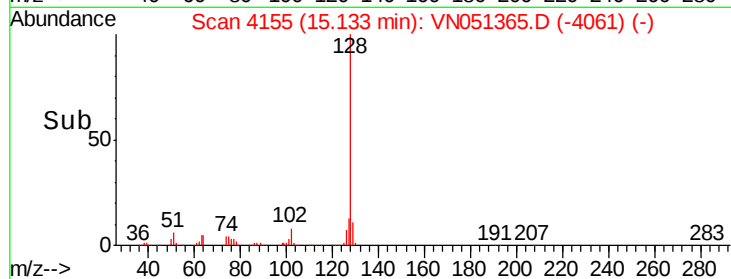
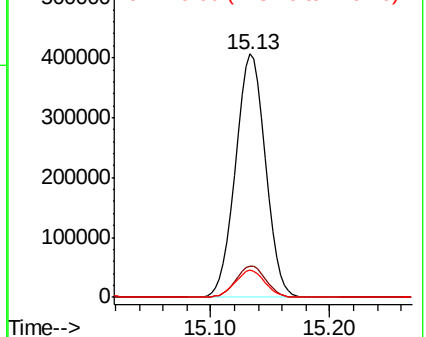


Abundance

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: 48.705 ug/l

RT: 15.32 min Scan# 4212

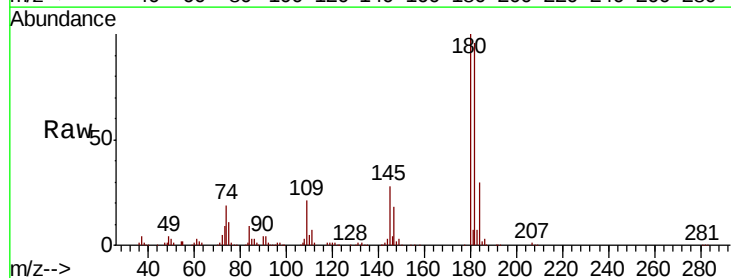
Delta R.T. -0.00 min

Lab File: VN051365.D

Acq: 21 Sep 2018 13:23

Tgt Ion:180 Resp: 412023

Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	28.6	14.3	42.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

