

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN071118\
 Data File : VN049755.D
 Acq On : 11 Jul 2018 10:46
 Operator : MD\SY
 Sample : VSTDICCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 12 01:31:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N071118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 01:30:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	262099	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	1396865	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	1232599	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	539579	28.30	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.33%
60) 4-Bromofluorobenzene	12.40	95	552116	28.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.10%
63) Toluene-d8	10.09	98	1757815	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	410359	24.804	ug/l 100
3) Chloromethane	2.06	50	404960	24.214	ug/l 100
4) Vinyl Chloride	2.18	62	428219	25.083	ug/l 100
5) Bromomethane	2.57	94	245750	26.745	ug/l 100
6) Chloroethane	2.70	64	249839	23.044	ug/l 100
7) Trichlorofluoromethane	3.01	101	544629	23.071	ug/l 100
8) Diethyl Ether	3.41	74	183007	19.970	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	323405	20.523	ug/l 100
10) 1,1-Dichloroethene	3.73	96	294864	20.120	ug/l 100
11) Methyl Iodide	3.95	142	422657	24.552	ug/l 100
12) Methyl Acetate	4.33	43	290659	19.683	ug/l 100
13) Acrolein	3.61	56	132919	90.806	ug/l 100
14) Acrylonitrile	4.99	53	490665	88.406	ug/l 100
15) Acetone	3.82	58	132327	106.011	ug/l 100
16) Carbon Disulfide	4.05	76	899971	19.177	ug/l 100
17) Allyl chloride	4.33	41	446569	17.003	ug/l 100
18) Methylene Chloride	4.55	84	345400	19.947	ug/l 100
19) trans-1,2-Dichloroethene	5.04	96	305292	19.663	ug/l 100
20) Diisopropyl ether	5.96	45	925108	17.086	ug/l 100
21) 1,1-Dichloroethane	5.85	63	580100	18.444	ug/l 100
22) cis-1,2-Dichloroethene	6.83	96	341920	19.441	ug/l 100
23) tert-Butyl Alcohol	4.81	59	105093	100.662	ug/l 100
24) Methyl tert-Butyl Ether	5.05	73	770953	19.162	ug/l 100
25) Chloroform	7.37	83	585383	19.068	ug/l 100
26) Cyclohexane	7.65	56	472305	17.589	ug/l 100
29) 1,1-Dichloropropene	7.79	75	433774	19.048	ug/l 100
30) 2-Butanone	6.85	43	603782	97.095	ug/l 100
31) 2,2-Dichloropropane	6.83	77	475625	21.859	ug/l 100
32) 1,1,1-Trichloroethane	7.57	97	507793	19.763	ug/l 100
33) Carbon Tetrachloride	7.78	117	446836	19.810	ug/l 100
34) Benzene	8.04	78	1326129	19.201	ug/l 100
35) Methacrylonitrile	7.18	41	120864	15.508	ug/l 100
36) 1,2-Dichloroethane	8.13	62	413415	18.723	ug/l 100
37) Trichloroethene	8.84	130	340360	20.102	ug/l 100
38) Methylcyclohexane	9.08	83	445279	18.905	ug/l 100
39) 1,2-Dichloropropane	9.12	63	339343	18.071	ug/l 100
40) Dibromomethane	9.21	93	205617	19.555	ug/l 100

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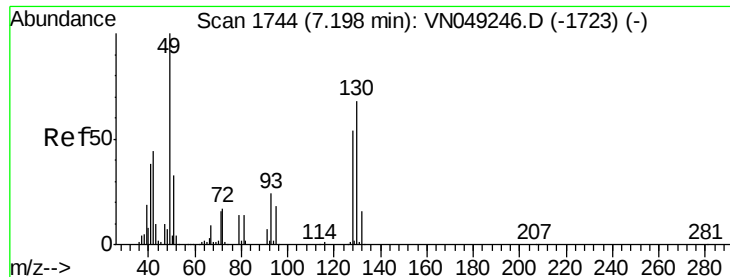
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.41	83	436828	18.811	ug/l	100
42) Vinyl Acetate	5.90	43	3146822	87.428	ug/l	100
43) Ethyl Acetate	6.94	43	234480	16.687	ug/l	100
44) Isopropyl Acetate	8.17	43	468829	17.471	ug/l	100
45) 1,4-Dioxane	9.21	88	63219	413.882	ug/l	100
46) Methyl methacrylate	9.20	41	228996	18.031	ug/l	100
47) n-amyl Acetate	12.07	43	368908	17.287	ug/l	100
48) t-1,3-Dichloropropene	10.38	75	421896	18.601	ug/l	100
49) cis-1,3-Dichloropropene	9.84	75	498211	18.888	ug/l	100
50) 1,1,2-Trichloroethane	10.56	97	299478	19.939	ug/l	100
51) Ethyl methacrylate	10.43	69	340517	18.240	ug/l	100
52) 1,3-Dichloropropane	10.71	76	483844	18.962	ug/l	100
53) Dibromochloromethane	10.90	129	330212	19.771	ug/l	100
54) 1,2-Dibromoethane	11.01	107	278998	19.907	ug/l	100
55) 2-Chloroethyl vinyl ether	9.70	63	844487	128.311	ug/l	100
56) Bromoform	12.13	173	221030	20.558	ug/l	100
58) 4-Methyl-2-Pentanone	9.99	43	1325805	95.236	ug/l	100
59) 2-Hexanone	10.75	43	870734	98.823	ug/l	100
61) Tetrachloroethene	10.63	164	308460	19.146	ug/l	100
62) Toluene	10.16	91	1391141	19.474	ug/l	100
64) Chlorobenzene	11.44	112	836770	19.827	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.51	131	320522	20.187	ug/l	100
66) Ethyl Benzene	11.51	91	1412677	19.046	ug/l	100
67) m/p-Xylenes	11.62	106	1102411	39.681	ug/l	100
68) o-Xylene	11.95	106	522138	19.391	ug/l	100
69) Styrene	11.97	104	828470	19.302	ug/l	100
70) Isopropylbenzene	12.25	105	1385555	19.423	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.51	83	366826	20.954	ug/l	100
72) 1,2,3-Trichloropropane	12.56	75	426670	30.112	ug/l	54
73) Bromobenzene	12.53	156	360933	20.798	ug/l	100
74) n-propylbenzene	12.59	91	1577017	19.091	ug/l	100
75) 2-Chlorotoluene	12.68	91	970397	19.295	ug/l	100
76) 1,3,5-Trimethylbenzene	12.73	105	1120969	19.346	ug/l	100
77) t-1,4-Dichloro-2-butene	12.30	75	92825	20.201	ug/l	100
78) 4-Chlorotoluene	12.78	91	942983	19.249	ug/l	100
79) tert-butylbenzene	13.00	119	977895	20.058	ug/l	100
80) 1,2,4-Trimethylbenzene	13.04	105	1143306	19.702	ug/l	100
81) sec-Butylbenzene	13.17	105	1291382	19.484	ug/l	100
82) p-Isopropyltoluene	13.29	119	1115240	20.146	ug/l	100
83) 1,3-Dichlorobenzene	13.29	146	607995	20.634	ug/l	100
84) 1,4-Dichlorobenzene	13.37	146	571716	20.570	ug/l	100
85) n-Butylbenzene	13.62	91	849588	19.246	ug/l	100
86) Hexachloroethane	13.88	117	207971	18.407	ug/l	100
87) 1,2-Dichlorobenzene	13.66	146	595389	20.857	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	14.27	75	50564	19.919	ug/l	100
89) 1,2,4-Trichlorobenzene	14.91	180	271670	22.401	ug/l	100
90) Hexachlorobutadiene	15.01	225	185222	22.206	ug/l	100
91) Naphthalene	15.14	128	566515	21.425	ug/l	100
92) 1,2,3-Trichlorobenzene	15.32	180	290098	23.179	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

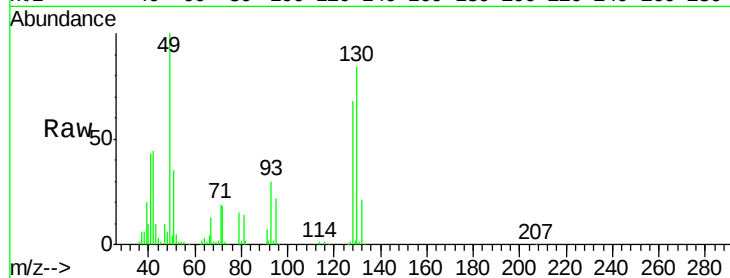
RT: 7.20 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

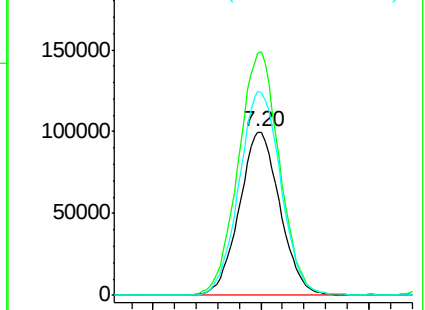
Tgt Ion:	128	Resp:	262099
Ion	Ratio	Lower	Upper
128	100		
49	151.3	0.0	378.3
130	128.3	0.0	320.7



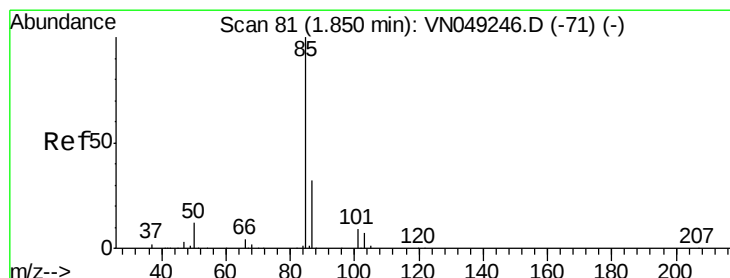
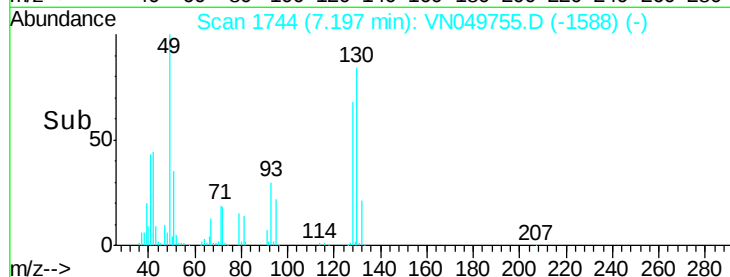
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



Time-->



#2

Dichlorodifluoromethane

Concen: 24.804 ug/l

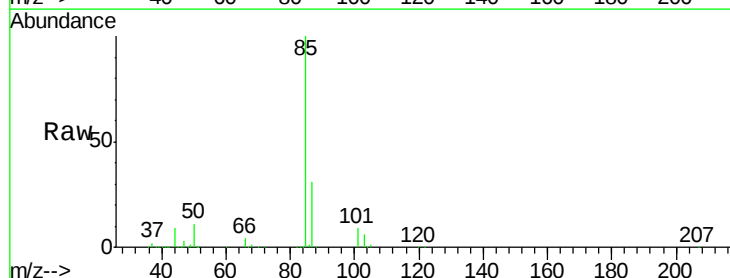
RT: 1.85 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN049755.D

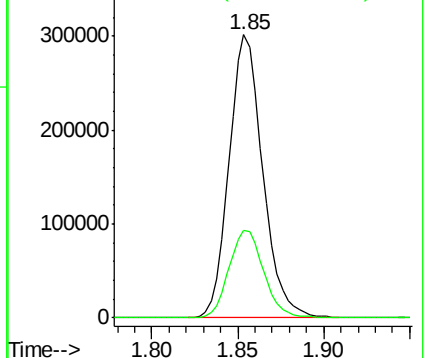
Acq: 11 Jul 2018 10:46

Tgt Ion:	85	Resp:	410359
Ion	Ratio	Lower	Upper
85	100		
87	30.9	15.4	46.4

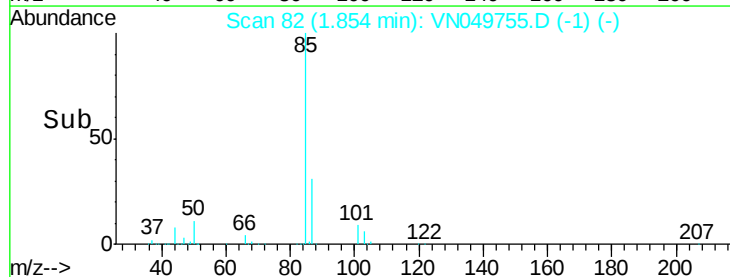


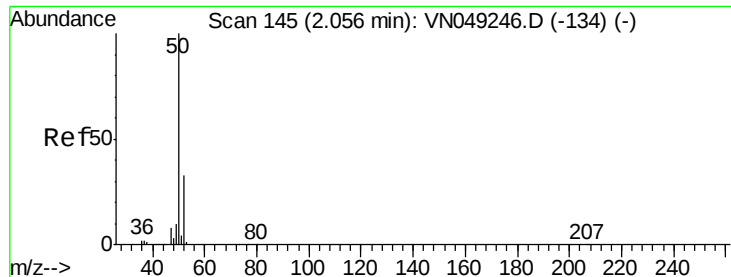
Abundance Ion 85.00 (84.70 to 85.70): V

Ion 87.00 (86.70 to 87.70): V



Time-->





#3

Chloromethane

Concen: 24.214 ug/l

RT: 2.06 min Scan# 146

Delta R.T. 0.00 min

Lab File: VN049755.D

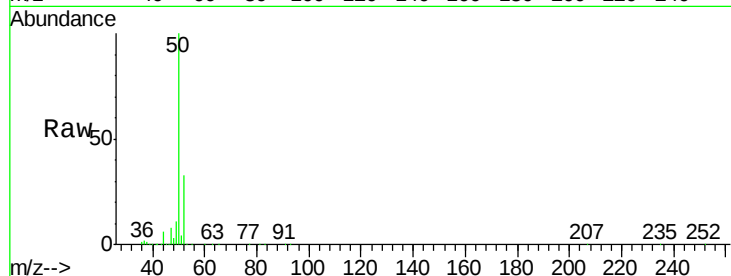
Acq: 11 Jul 2018 10:46

Tgt Ion: 50 Resp: 404960

Ion Ratio Lower Upper

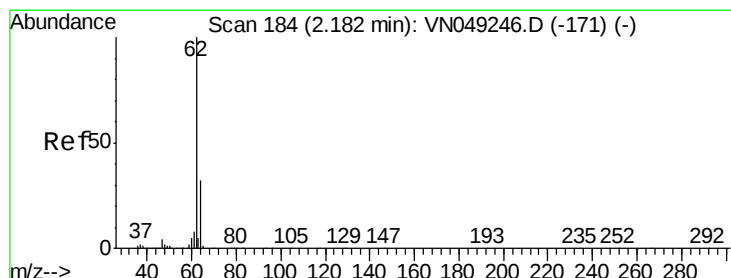
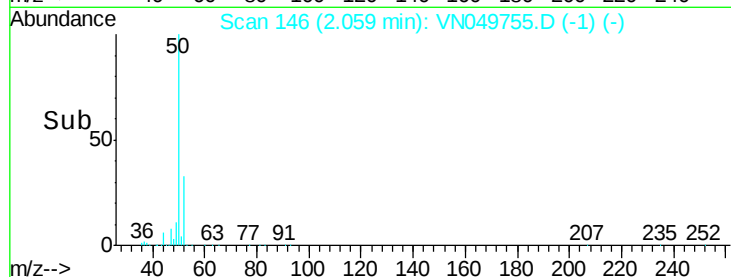
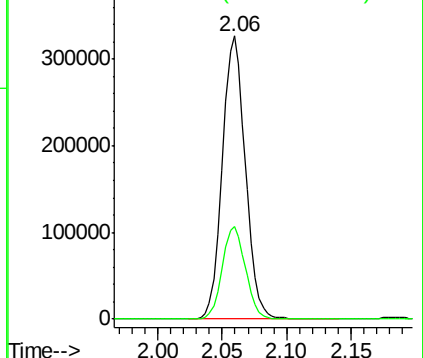
50 100

52 32.6 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 25.083 ug/l

RT: 2.18 min Scan# 185

Delta R.T. 0.00 min

Lab File: VN049755.D

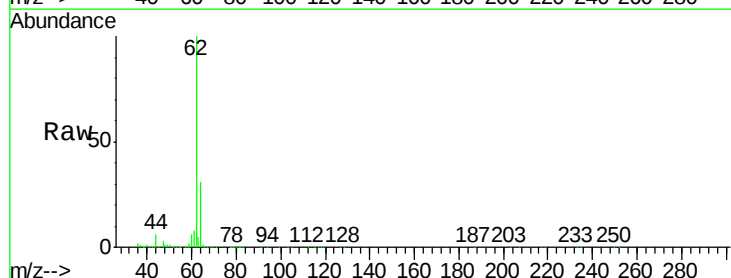
Acq: 11 Jul 2018 10:46

Tgt Ion: 62 Resp: 428219

Ion Ratio Lower Upper

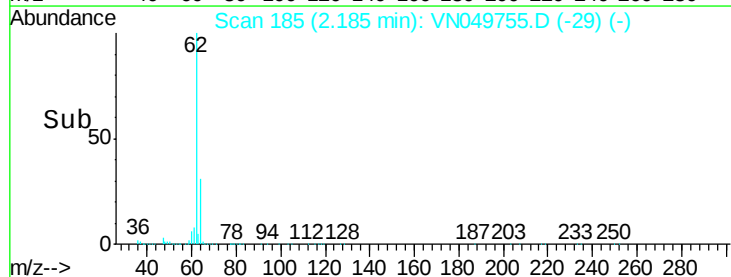
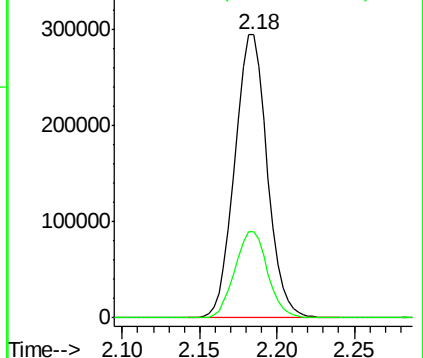
62 100

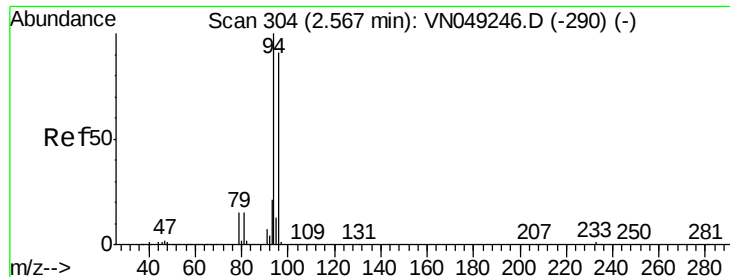
64 30.5 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 26.745 ug/l

RT: 2.57 min Scan# 304

Delta R.T. 0.00 min

Lab File: VN049755.D

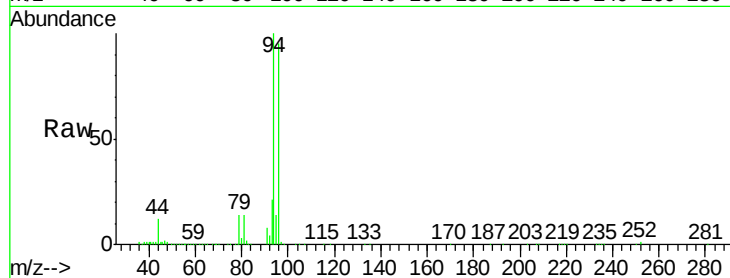
Acq: 11 Jul 2018 10:46

Tgt Ion: 94 Resp: 245750

Ion Ratio Lower Upper

94 100

96 94.9 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

150000

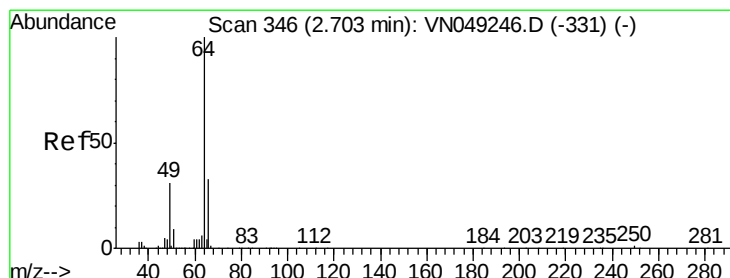
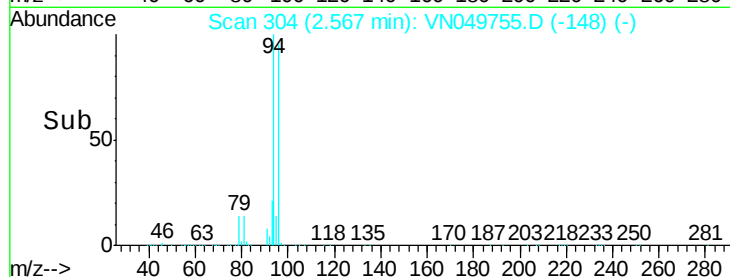
100000

50000

0

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 23.044 ug/l

RT: 2.70 min Scan# 346

Delta R.T. 0.00 min

Lab File: VN049755.D

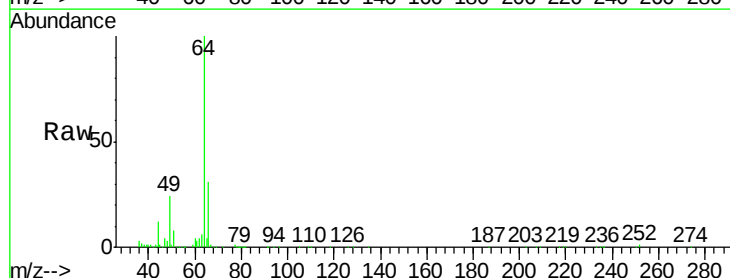
Acq: 11 Jul 2018 10:46

Tgt Ion: 64 Resp: 249839

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

150000

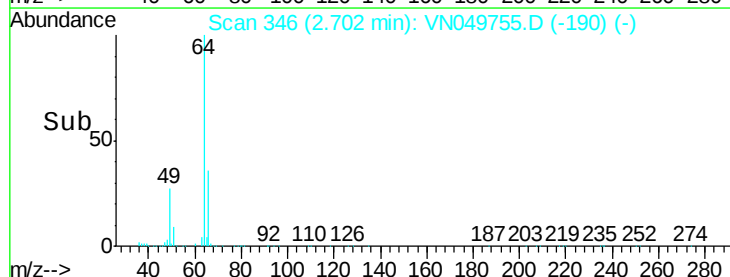
100000

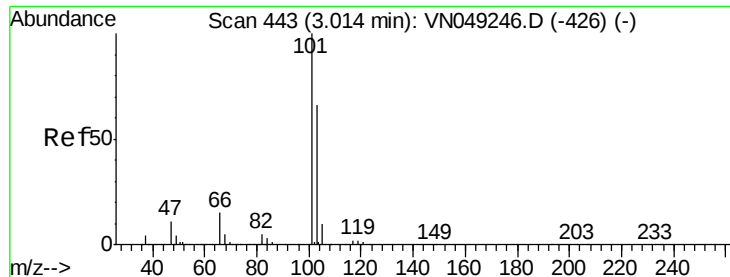
50000

0

2.60 2.65 2.70 2.75 2.80

Time-->

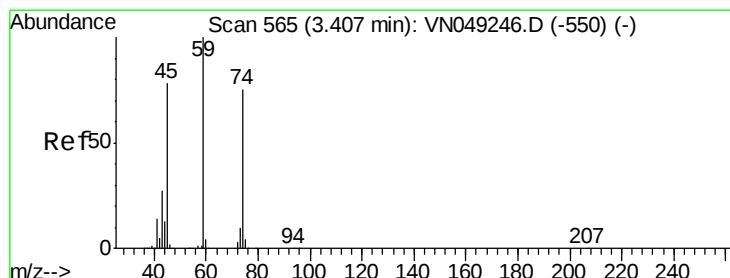
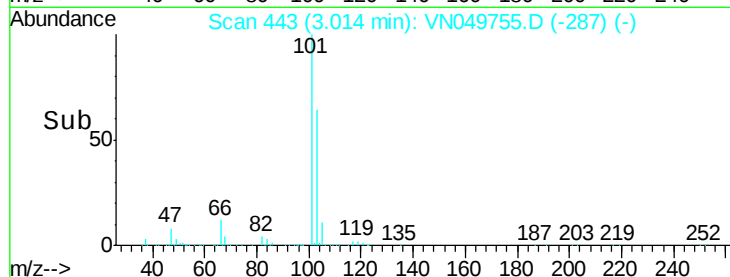
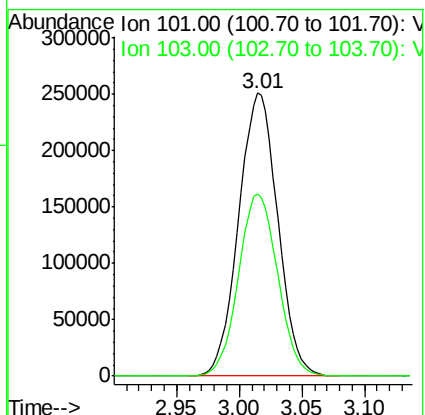
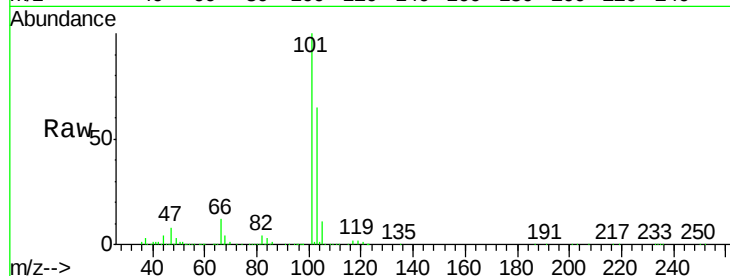




#7

Trichlorofluoromethane
Concen: 23.071 ug/l
RT: 3.01 min Scan# 443
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

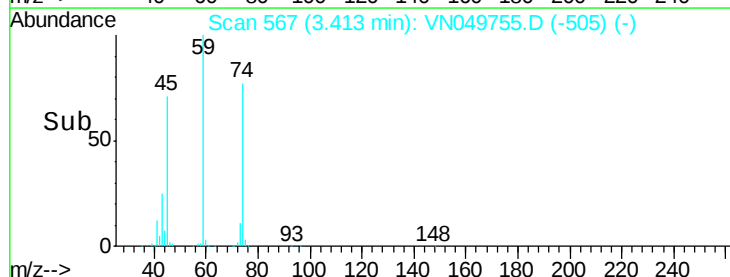
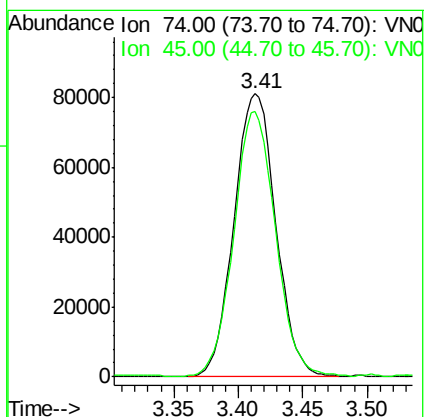
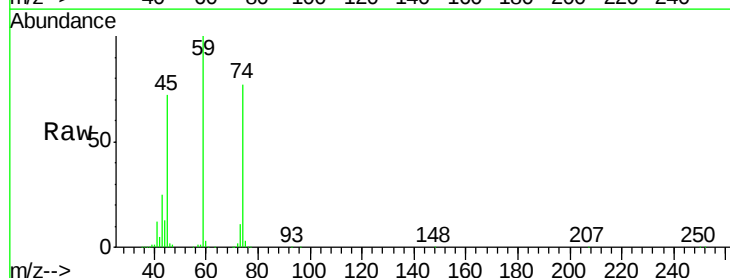
Tgt Ion: 101 Resp: 544629
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3

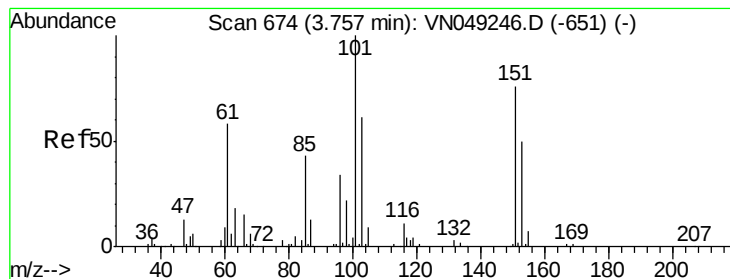


#8

Diethyl Ether
Concen: 19.970 ug/l
RT: 3.41 min Scan# 567
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 74 Resp: 183007
Ion Ratio Lower Upper
74 100
45 93.3 18.7 167.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.523 ug/l

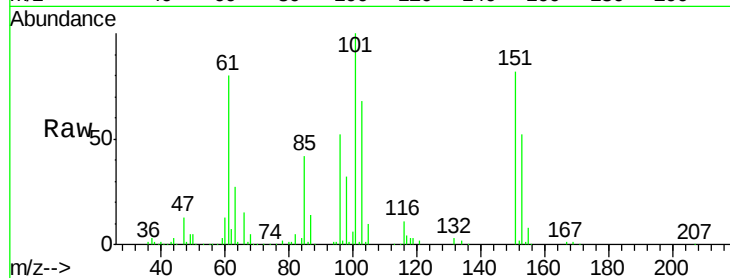
RT: 3.75 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

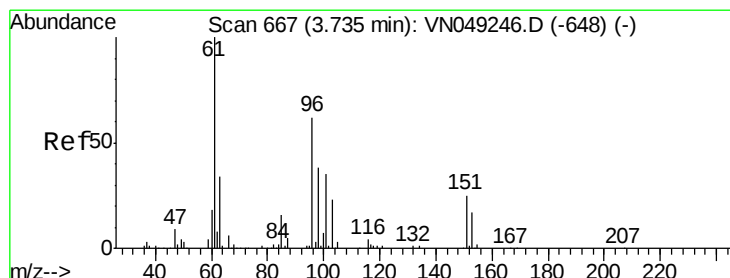
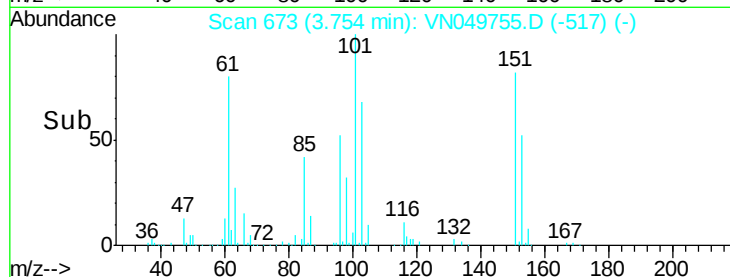
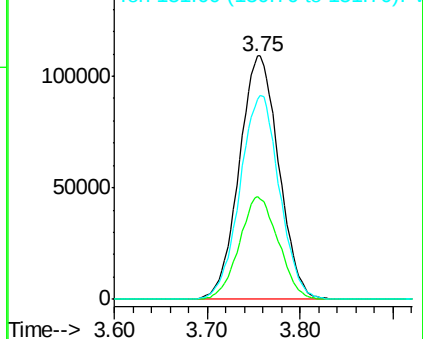
Tgt Ion:	101	Resp:	323405
Ion	Ratio	Lower	Upper
101	100		
85	41.5	0.0	83.0
151	83.4	0.0	166.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.120 ug/l

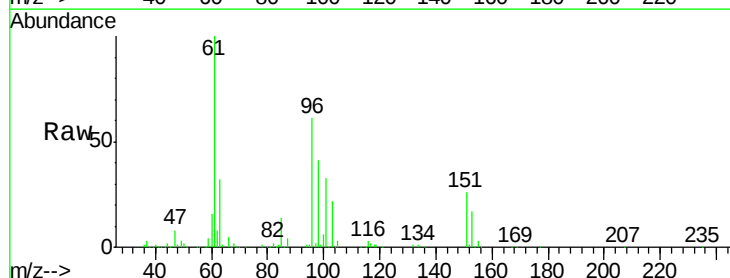
RT: 3.73 min Scan# 667

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

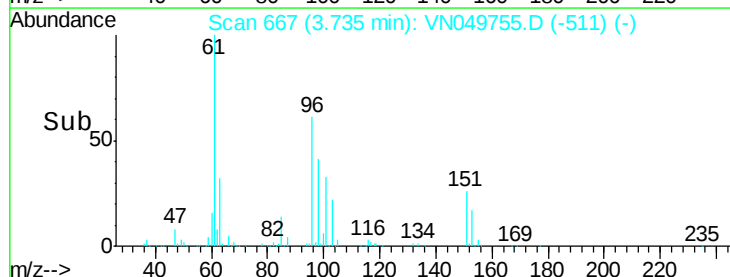
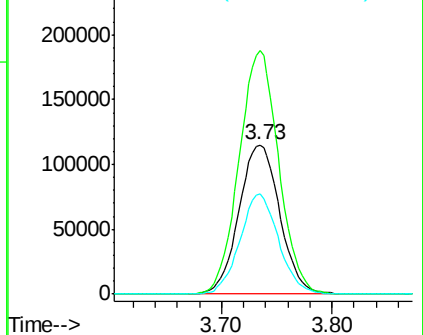
Tgt Ion:	96	Resp:	294864
Ion	Ratio	Lower	Upper
96	100		
61	163.2	130.6	195.8
98	66.9	53.5	80.3

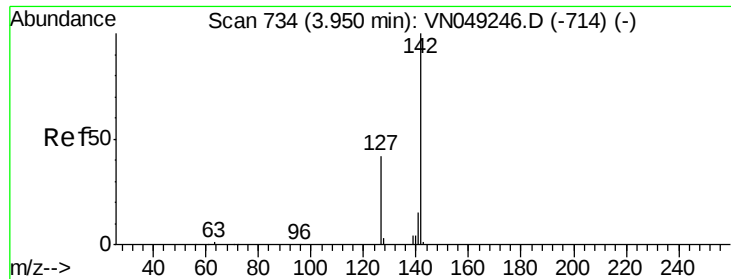


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

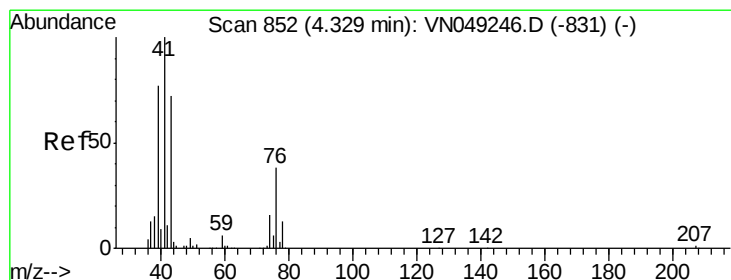
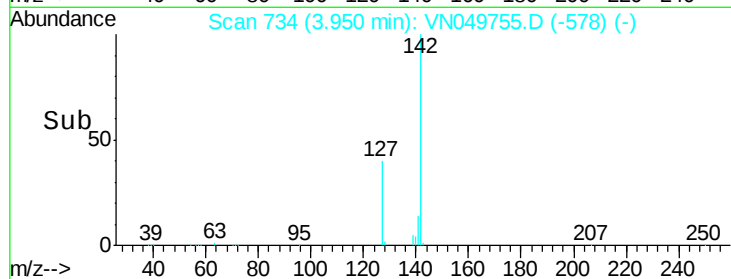
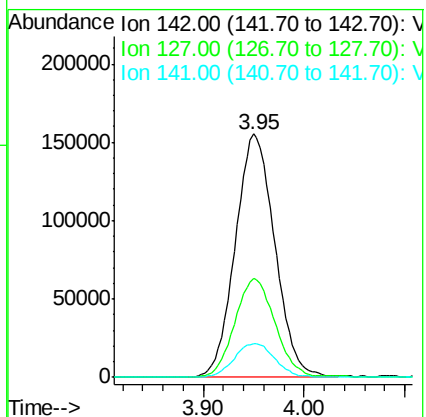
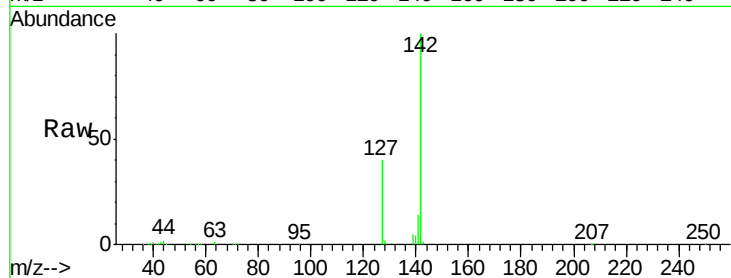
Ion 98.00 (97.70 to 98.70): VNO





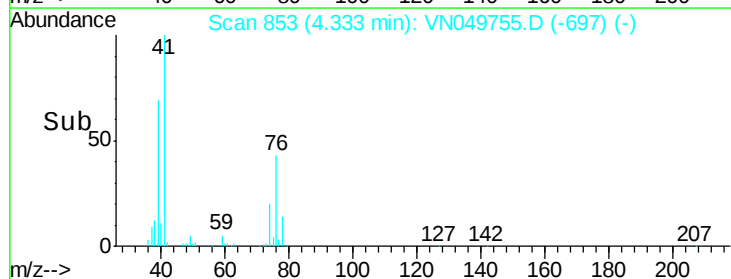
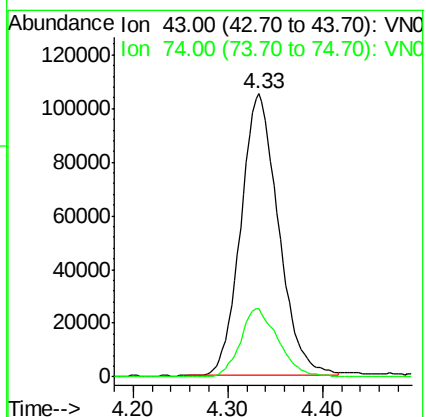
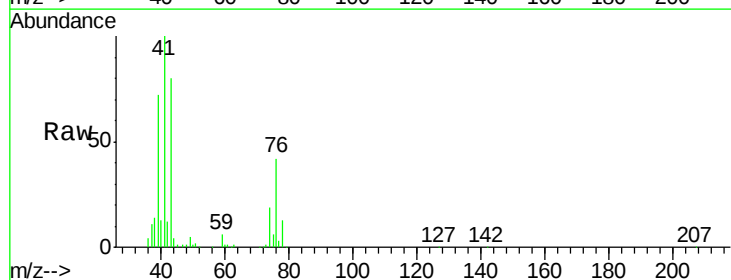
#11
Methyl Iodide
Concen: 24.552 ug/l
RT: 3.95 min Scan# 734
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

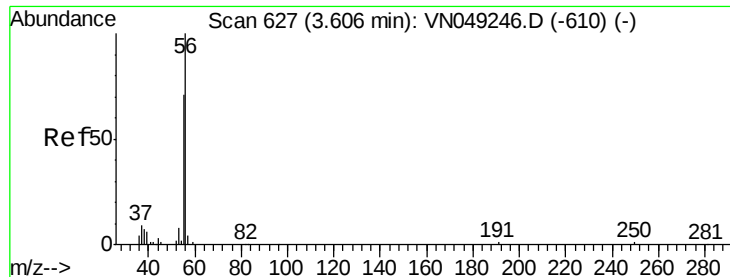
Tgt Ion	Ratio	Lower	Upper
142	100		
127	40.3	20.2	60.5
141	13.7	6.9	20.6



#12
Methyl Acetate
Concen: 19.683 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.3	28.9





#13

Acrolein

Concen: 90.806 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049755.D

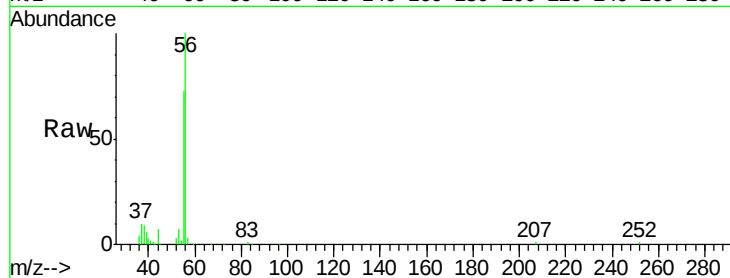
Acq: 11 Jul 2018 10:46

Tgt Ion: 56 Resp: 132919

Ion Ratio Lower Upper

56 100

55 73.3 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN049246.D (-610) (-)

Ion 55.00 (54.70 to 55.70): VN049246.D (-610) (-)

3.61

60000

50000

40000

30000

20000

10000

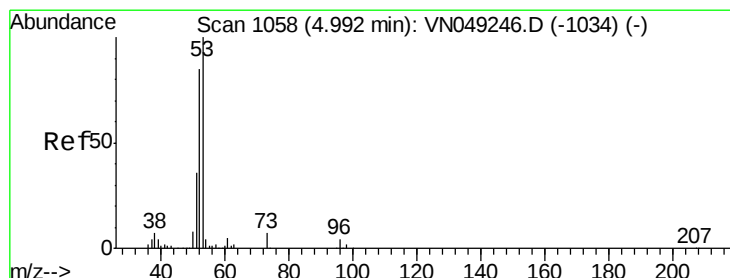
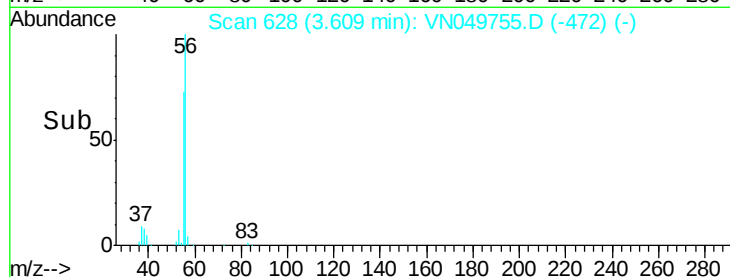
0

Time-->

3.50

3.60

3.70



#14

Acrylonitrile

Concen: 88.406 ug/l

RT: 4.99 min Scan# 1059

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

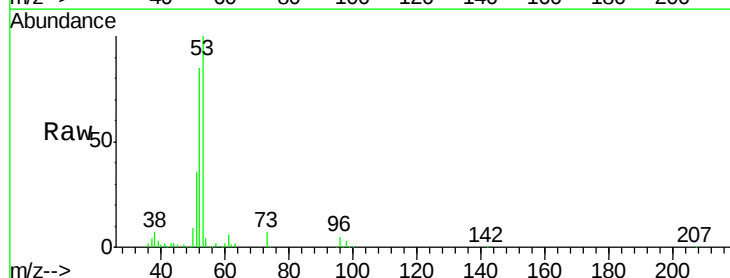
Tgt Ion: 53 Resp: 490665

Ion Ratio Lower Upper

53 100

52 83.0 41.5 124.5

51 37.4 18.7 56.1



Abundance Ion 53.00 (52.70 to 53.70): VN049246.D (-1034) (-)

Ion 52.00 (51.70 to 52.70): VN049246.D (-1034) (-)

Ion 51.00 (50.70 to 51.70): VN049246.D (-1034) (-)

4.99

150000

100000

50000

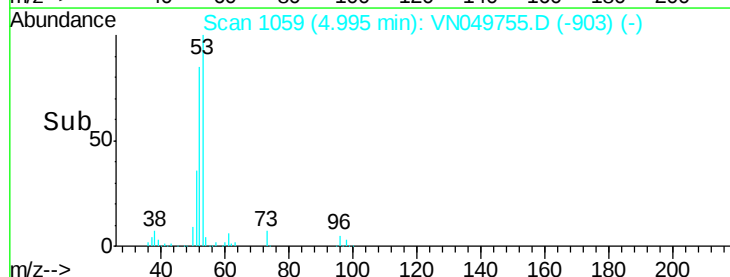
0

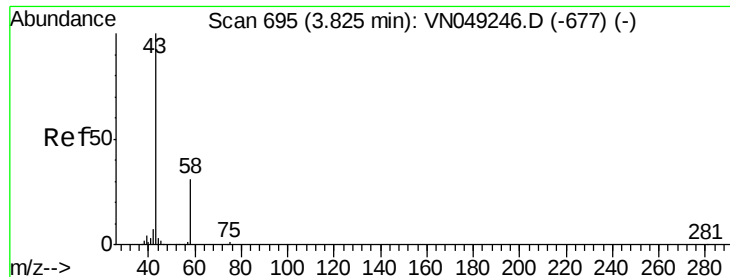
Time-->

4.90

5.00

5.10





#15

Acetone

Concen: 106.011 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049755.D

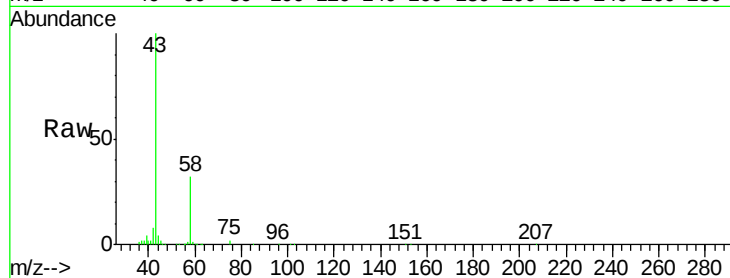
Acq: 11 Jul 2018 10:46

Tgt Ion: 58 Resp: 132327

Ion Ratio Lower Upper

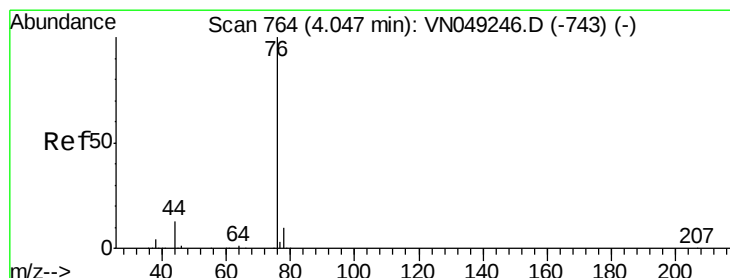
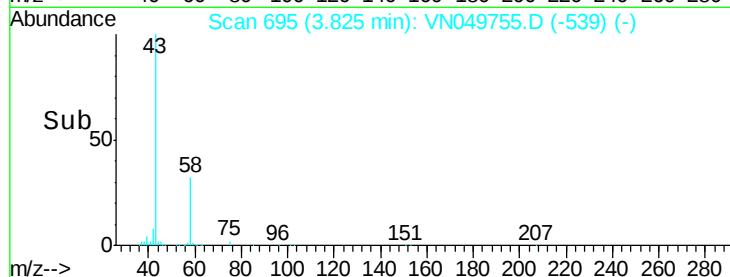
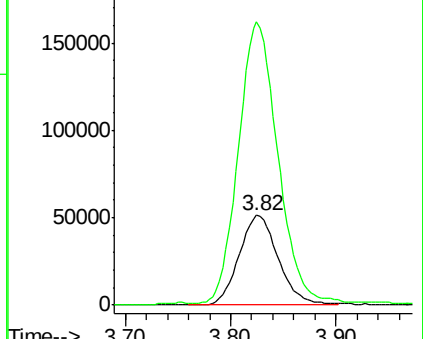
58 100

43 315.0 252.0 378.0



Abundance Ion 58.00 (57.70 to 58.70): VN049755.D (-699) (-)

Ion 43.00 (42.70 to 43.70): VN049755.D (-699) (-)



#16

Carbon Disulfide

Concen: 19.177 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049755.D

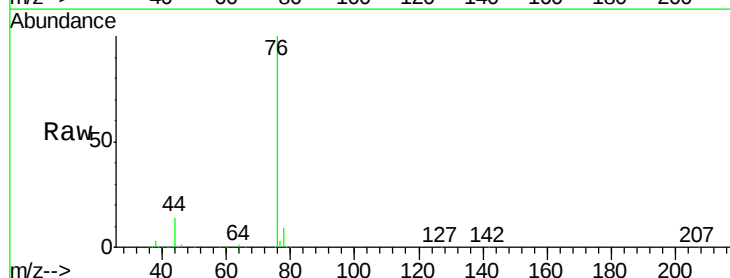
Acq: 11 Jul 2018 10:46

Tgt Ion: 76 Resp: 899971

Ion Ratio Lower Upper

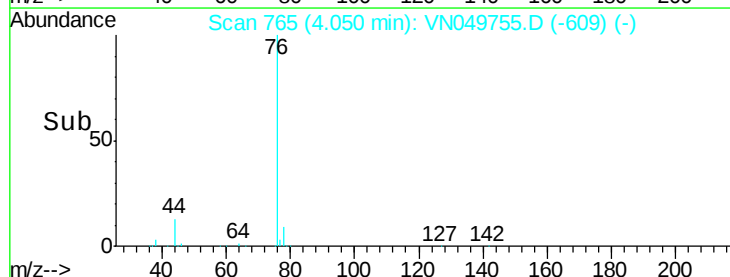
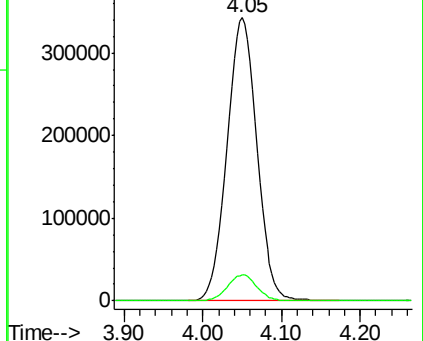
76 100

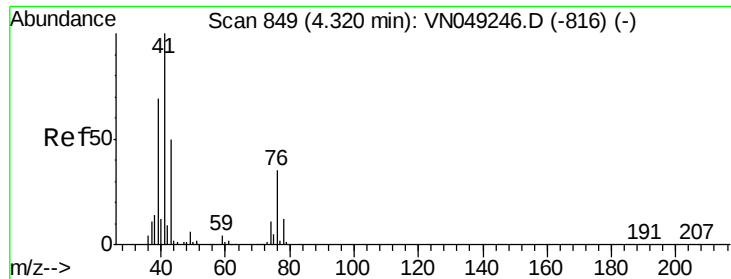
78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VN049755.D (-609) (-)

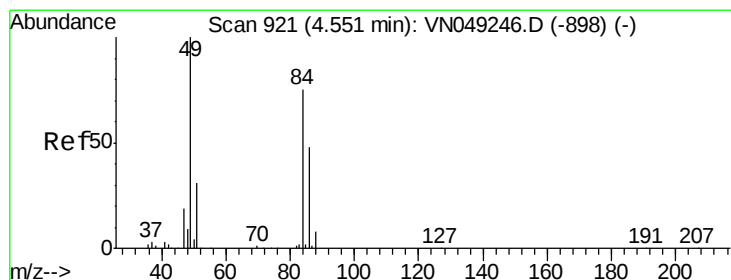
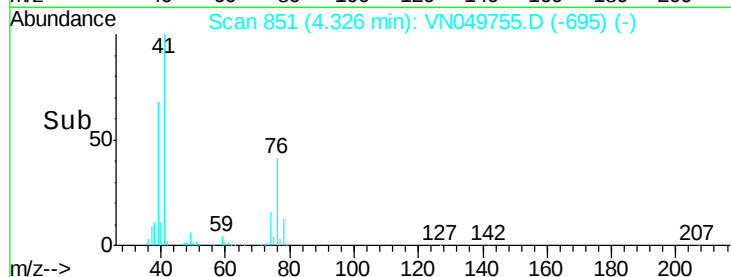
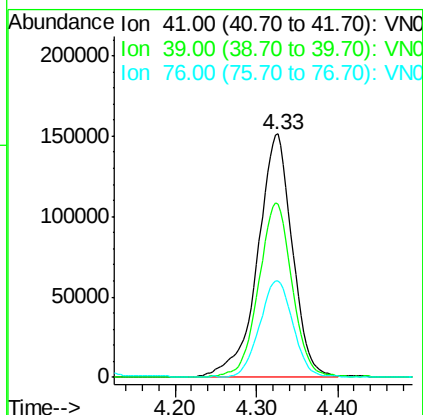
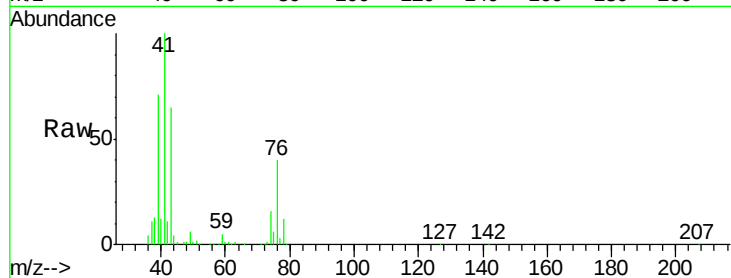
Ion 78.00 (77.70 to 78.70): VN049755.D (-609) (-)





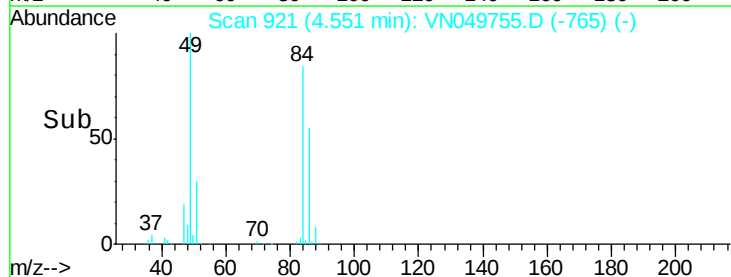
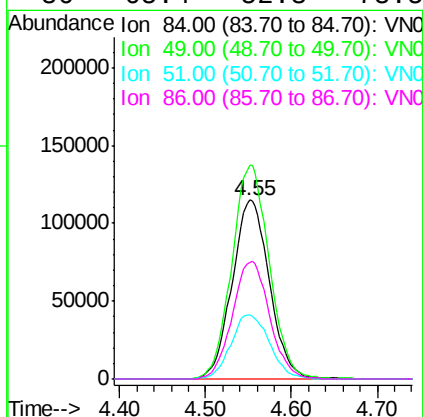
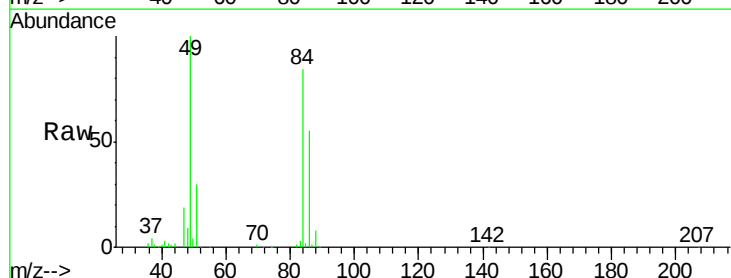
#17
 Allyl chloride
 Concen: 17.003 ug/l
 RT: 4.33 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

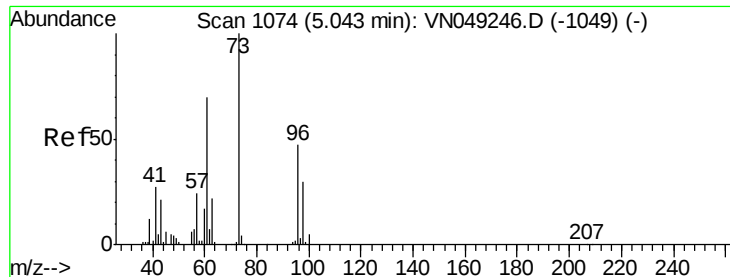
Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.9	35.4	106.3
76	39.4	19.7	59.1



#18
 Methylene Chloride
 Concen: 19.947 ug/l
 RT: 4.55 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	95.1	142.7
51	36.0	28.8	43.2
86	65.4	52.3	78.5

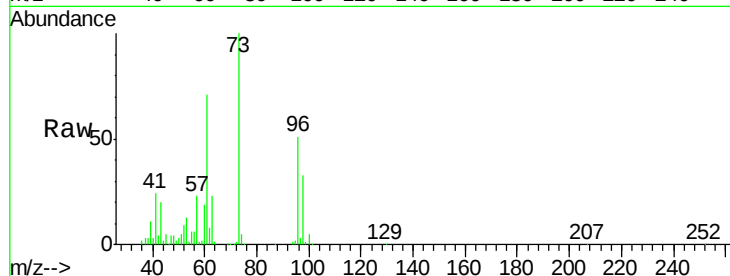




#19

trans-1,2-Dichloroethene
Concen: 19.663 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

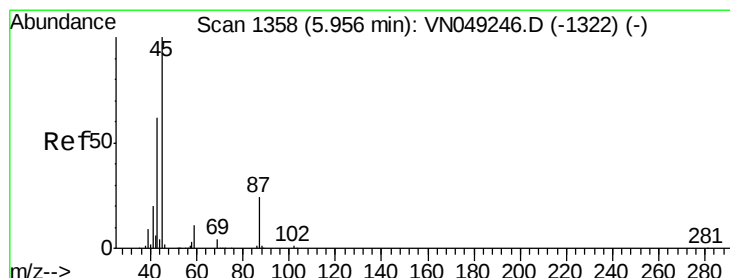
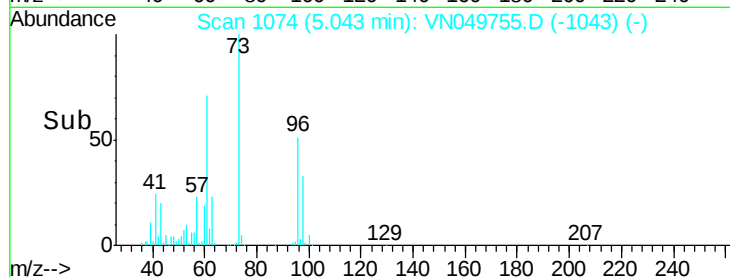
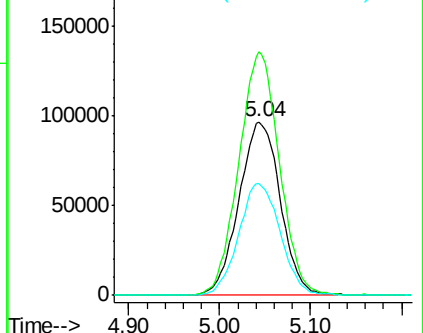
Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.1	112.1	168.1
98	64.1	51.3	76.9



Abundance Ion 96.00 (95.70 to 96.70): VN049755.D (-1297) (-)

Ion 61.00 (60.70 to 61.70): VN049755.D (-1297) (-)

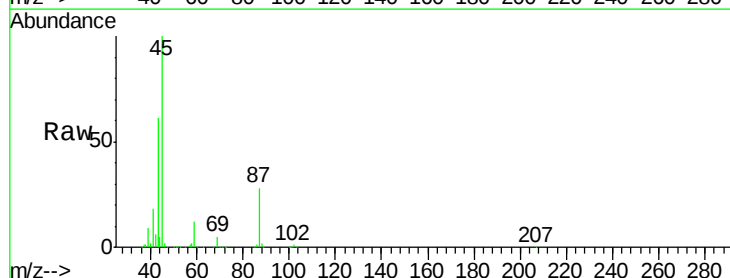
Ion 98.00 (97.70 to 98.70): VN049755.D (-1297) (-)



#20

Diisopropyl ether
Concen: 17.086 ug/l
RT: 5.96 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.6	70.0
87	27.9	22.3	33.5
59	11.9	9.5	14.3

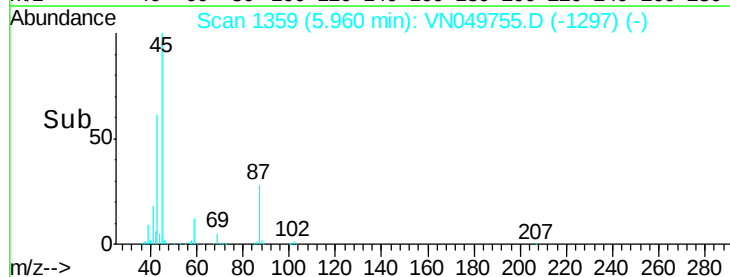
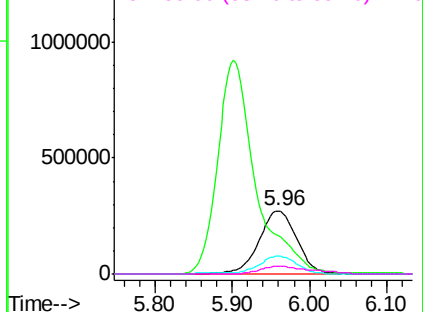


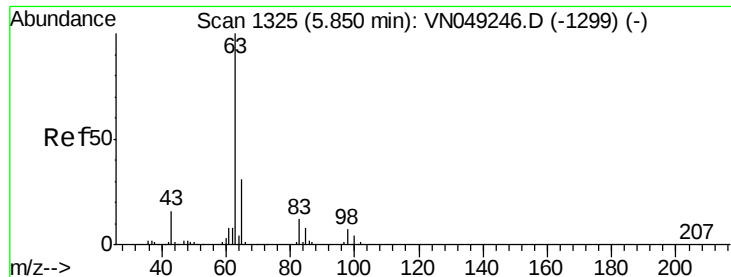
Abundance Ion 45.00 (44.70 to 45.70): VN049755.D (-1297) (-)

Ion 43.00 (42.70 to 43.70): VN049755.D (-1297) (-)

Ion 87.00 (86.70 to 87.70): VN049755.D (-1297) (-)

Ion 59.00 (58.70 to 59.70): VN049755.D (-1297) (-)





#21

1,1-Dichloroethane

Concen: 18.444 ug/l

RT: 5.85 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

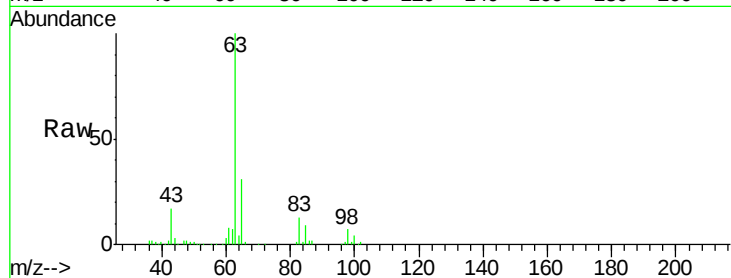
Tgt Ion: 63 Resp: 580100

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.6

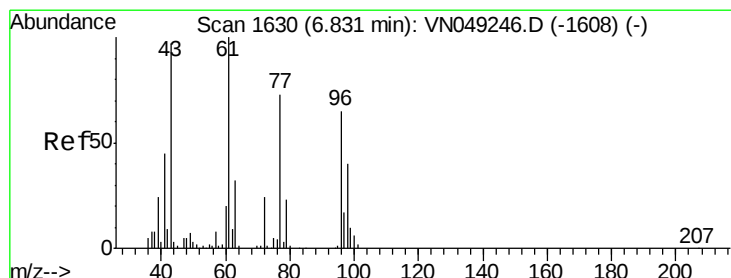
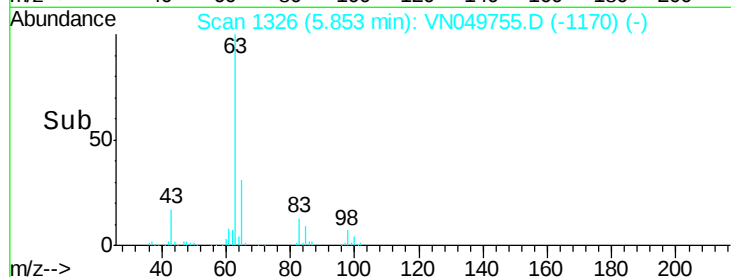
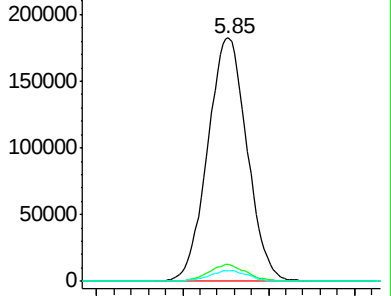
100 4.5 2.3 6.8



Abundance Ion 63.00 (62.70 to 63.70): VN049246.D (-1299) (-)

Ion 98.00 (97.70 to 98.70): VN049246.D (-1299) (-)

Ion 100.00 (99.70 to 100.70): VN049246.D (-1299) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.441 ug/l

RT: 6.83 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

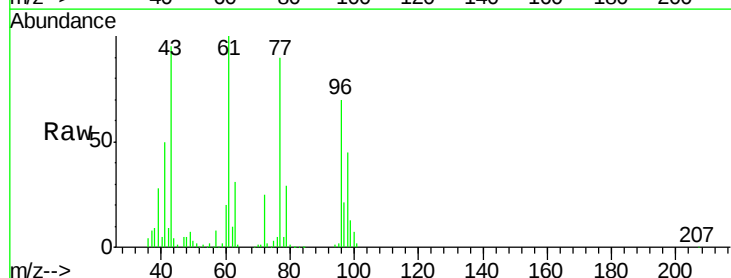
Tgt Ion: 96 Resp: 341920

Ion Ratio Lower Upper

96 100

61 142.7 114.2 171.2

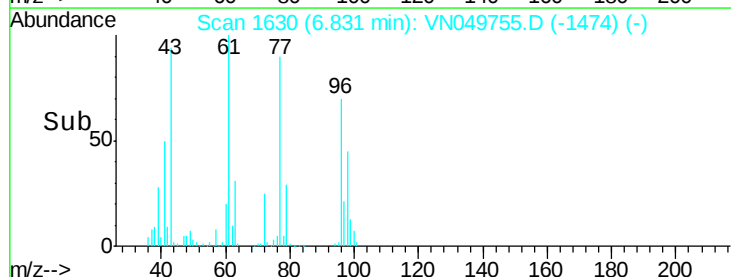
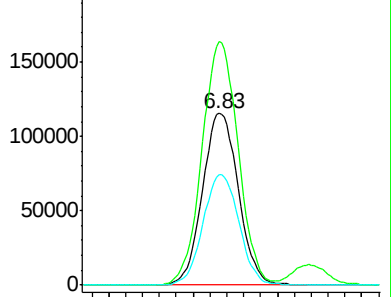
98 64.6 51.7 77.5

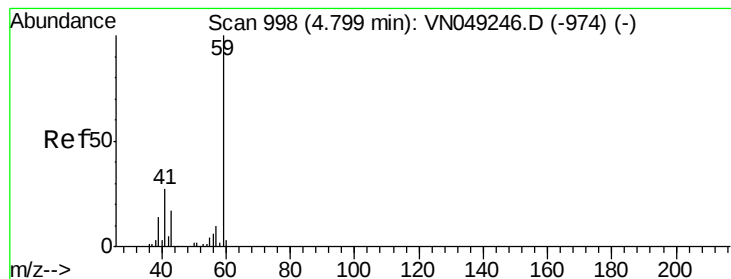


Abundance Ion 96.00 (95.70 to 96.70): VN049246.D (-1608) (-)

Ion 61.00 (60.70 to 61.70): VN049246.D (-1608) (-)

Ion 98.00 (97.70 to 98.70): VN049246.D (-1608) (-)





#23

tert-Butyl Alcohol

Concen: 100.662 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN049755.D

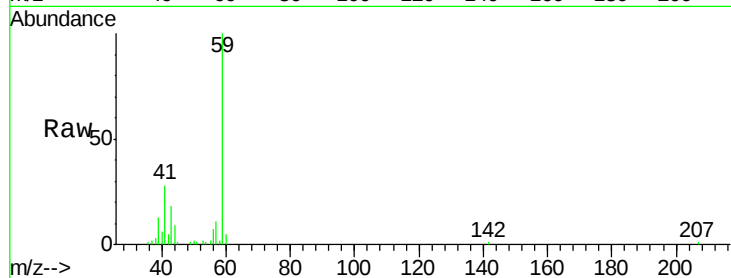
Acq: 11 Jul 2018 10:46

Tgt Ion: 59 Resp: 105093

Ion Ratio Lower Upper

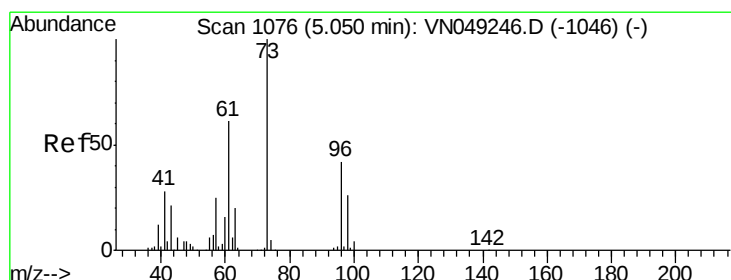
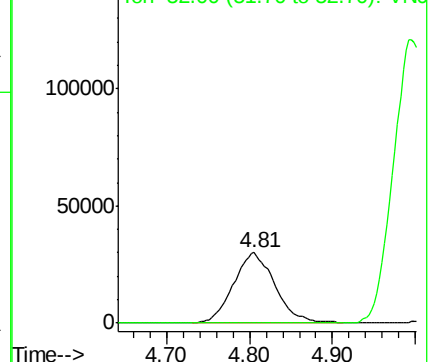
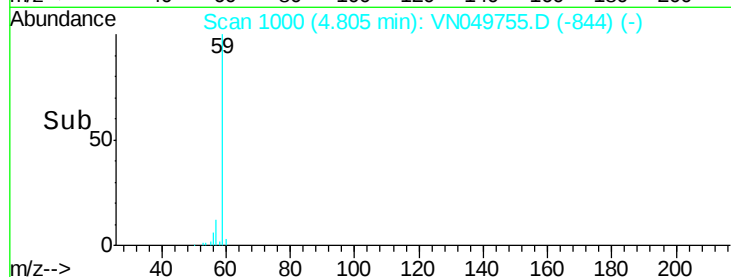
59 100

52 0.1 0.1 0.1



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#24

Methyl tert-Butyl Ether

Concen: 19.162 ug/l

RT: 5.05 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VN049755.D

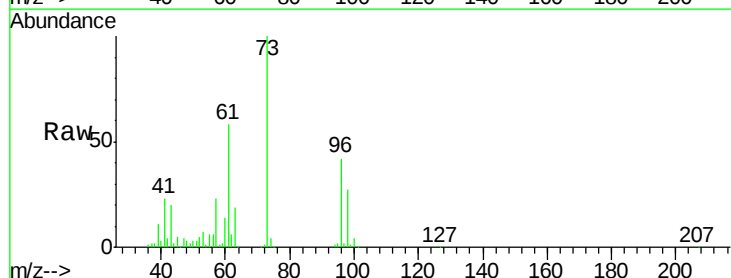
Acq: 11 Jul 2018 10:46

Tgt Ion: 73 Resp: 770953

Ion Ratio Lower Upper

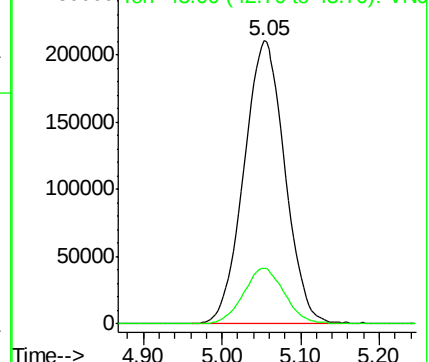
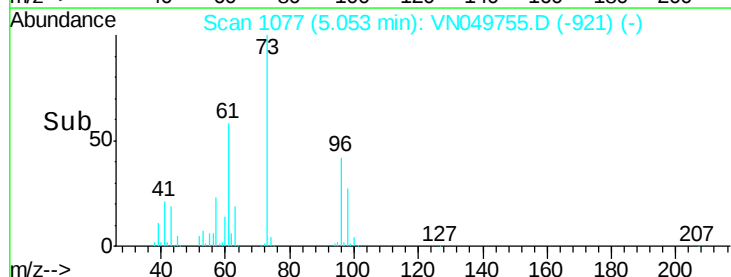
73 100

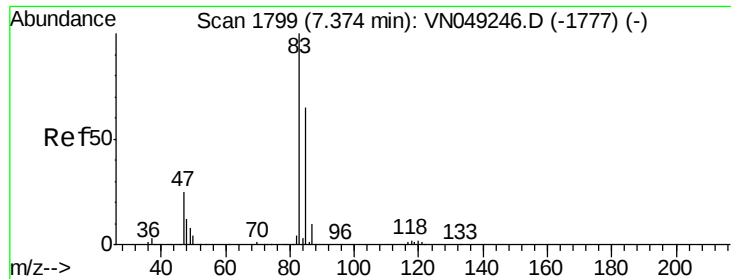
43 19.4 15.5 23.3



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 19.068 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049755.D

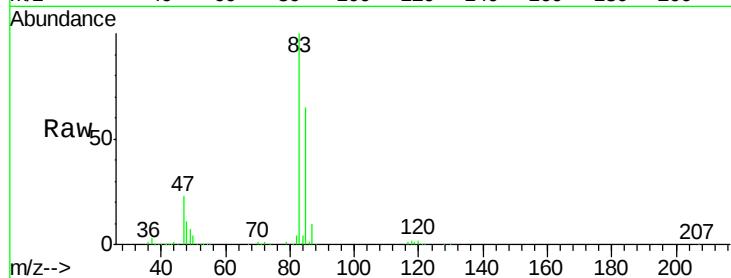
Acq: 11 Jul 2018 10:46

Tgt Ion: 83 Resp: 585383

Ion Ratio Lower Upper

83 100

85 65.1 52.1 78.1



Abundance Ion 83.00 (82.70 to 83.70): VN049755.D (-1643) (-)

Ion 85.00 (84.70 to 85.70): VN049755.D (-1643) (-)

7.37

250000

200000

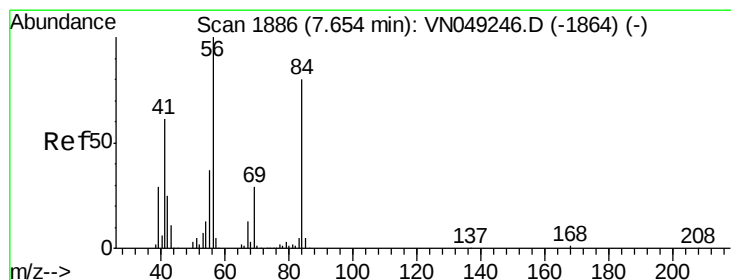
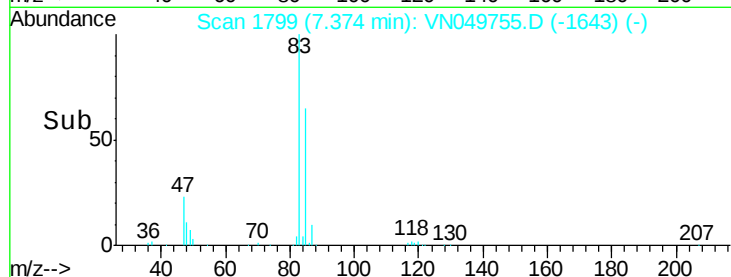
150000

100000

50000

0

Time-->



#26

Cyclohexane

Concen: 17.589 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

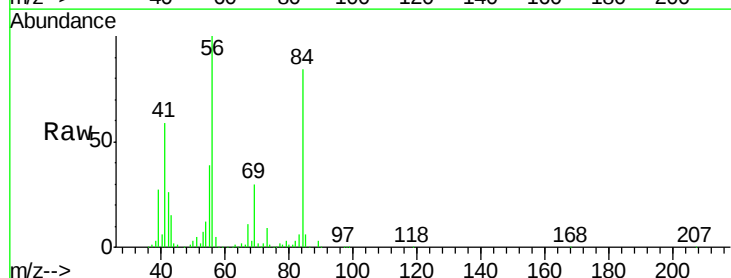
Tgt Ion: 56 Resp: 472305

Ion Ratio Lower Upper

56 100

89 3.7 3.0 4.4

84 87.3 69.8 104.8



Abundance Ion 56.00 (55.70 to 56.70): VN049755.D (-1730) (-)

Ion 89.00 (88.70 to 89.70): VN049755.D (-1730) (-)

Ion 84.00 (83.70 to 84.70): VN049755.D (-1730) (-)

7.65

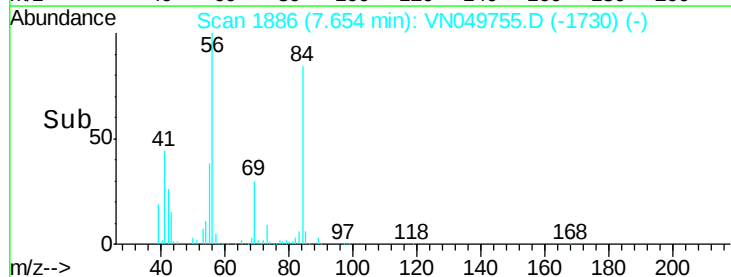
300000

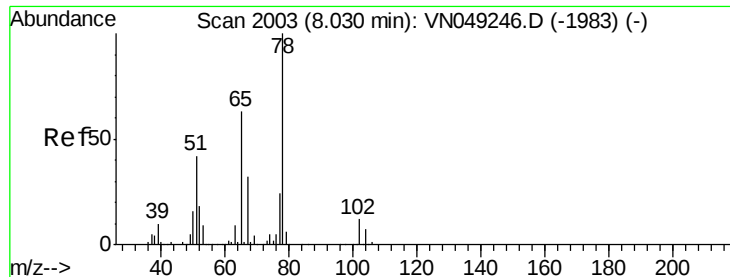
200000

100000

0

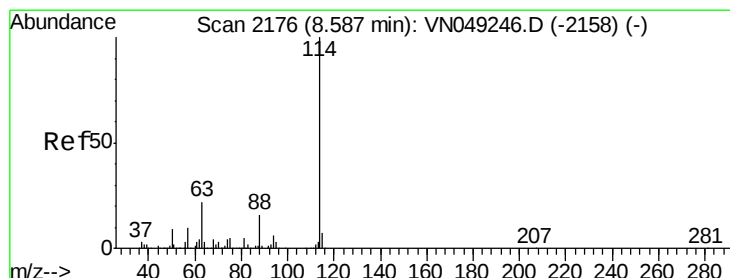
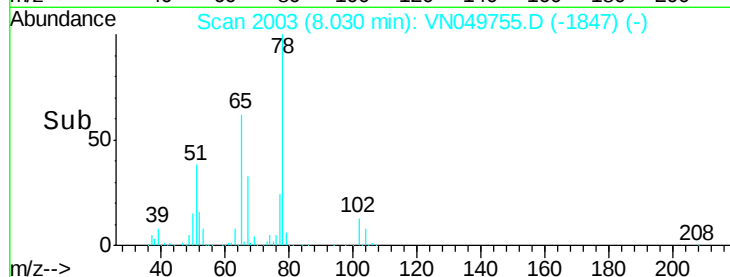
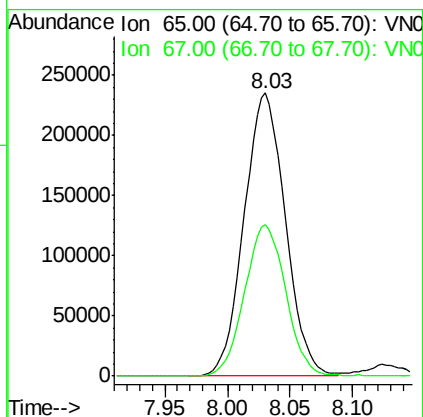
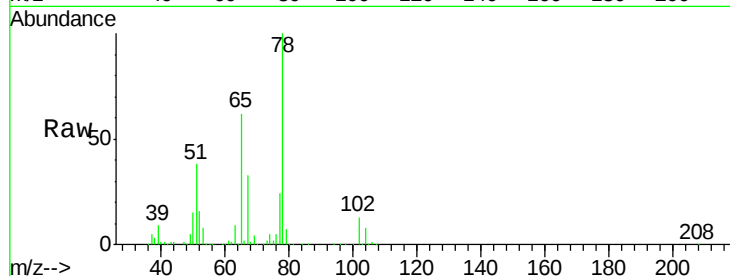
Time-->





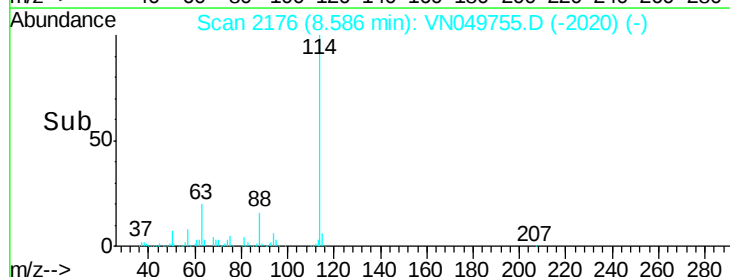
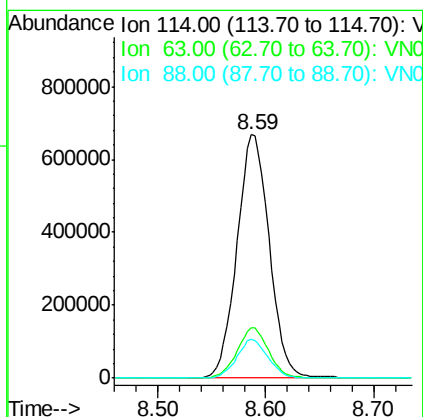
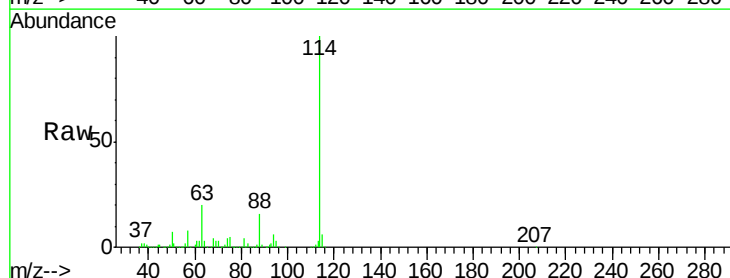
#27
 1,2-Dichloroethane-d4
 Concen: 28.302 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

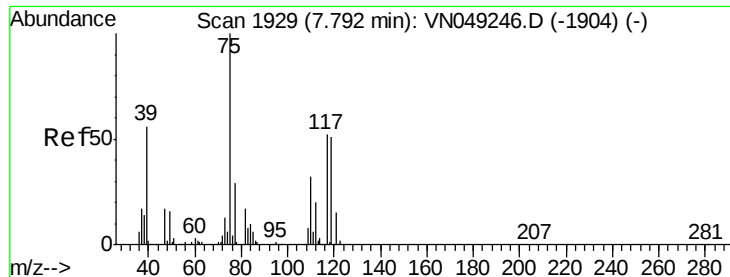
Tgt Ion: 65 Resp: 539579
 Ion Ratio Lower Upper
 65 100
 67 53.4 42.7 64.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion: 114 Resp: 1396865
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.2 24.2
 88 15.4 12.3 18.5





#29

1,1-Dichloropropene

Concen: 19.048 ug/l

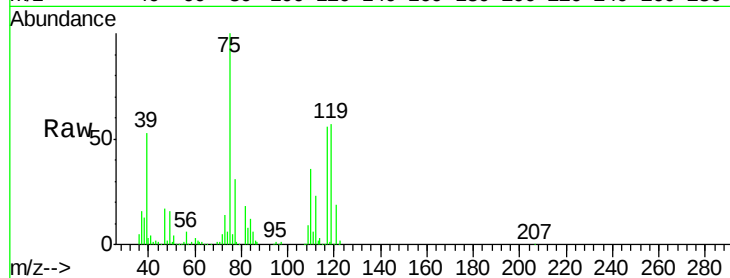
RT: 7.79 min Scan# 1929

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

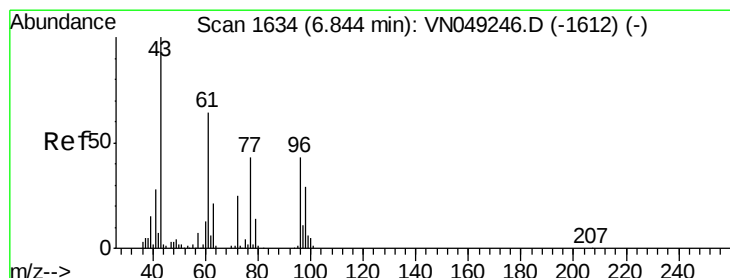
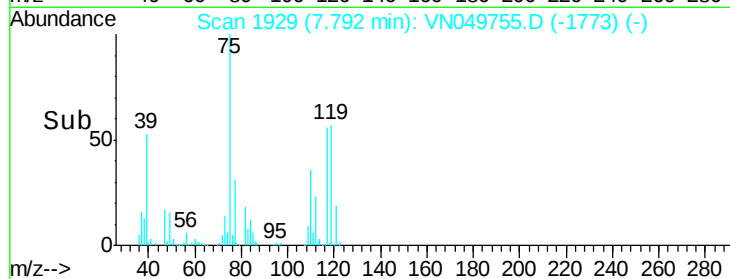
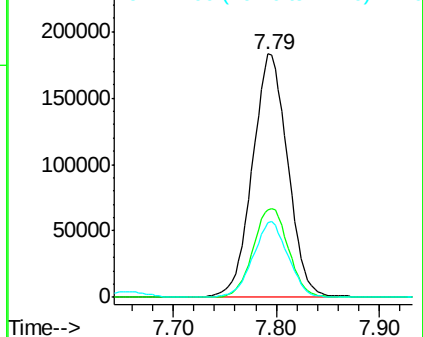
Tgt Ion:	75	Resp:	433774
Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	73.2
77	31.0	0.0	62.0



Abundance Ion 75.00 (74.70 to 75.70): VN049755.D (-1773) (-)

Ion 110.00 (109.70 to 110.70): VN049755.D (-1773) (-)

Ion 77.00 (76.70 to 77.70): VN049755.D (-1773) (-)



#30

2-Butanone

Concen: 97.095 ug/l

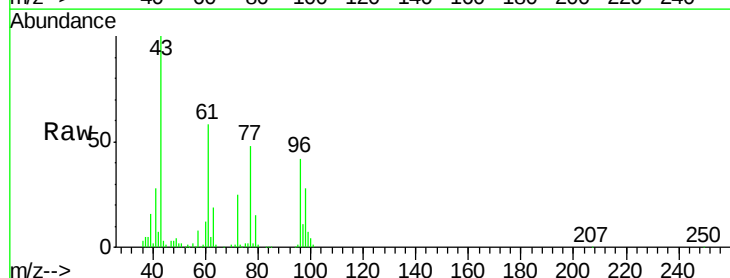
RT: 6.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

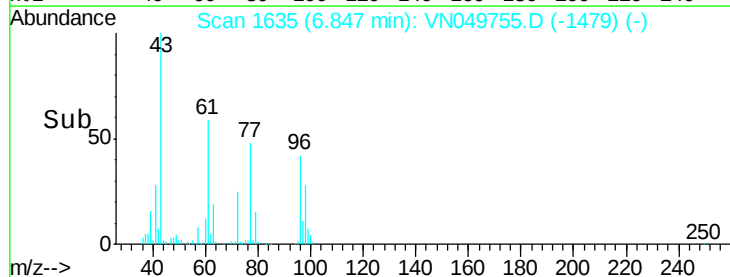
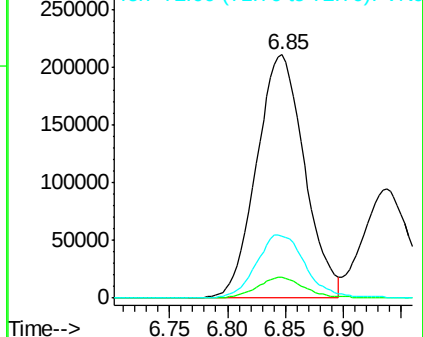
Tgt Ion:	43	Resp:	603782
Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.8	10.2
72	26.7	21.4	32.0

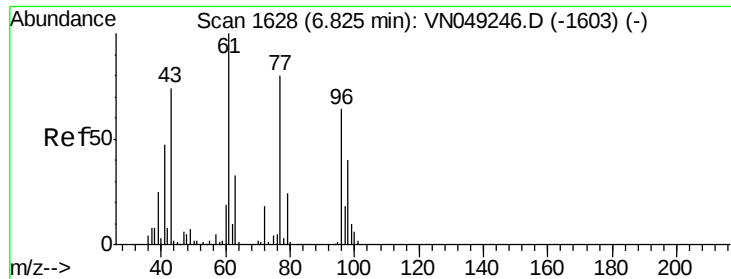


Abundance Ion 43.00 (42.70 to 43.70): VN049755.D (-1479) (-)

Ion 57.00 (56.70 to 57.70): VN049755.D (-1479) (-)

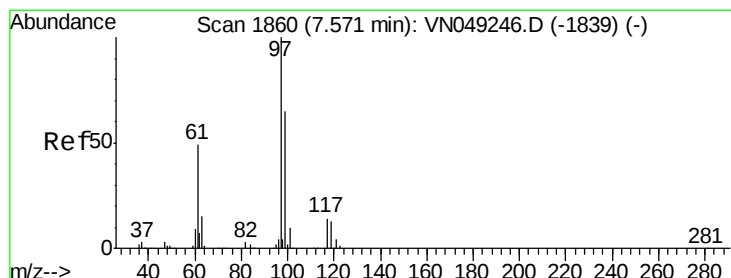
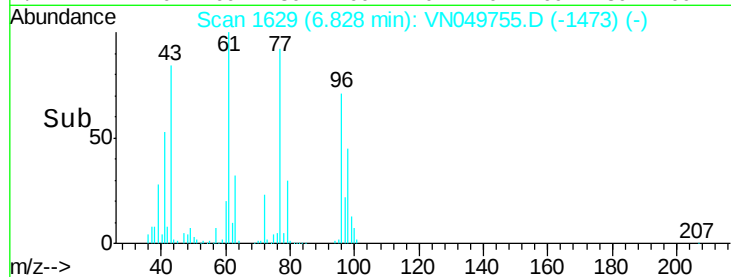
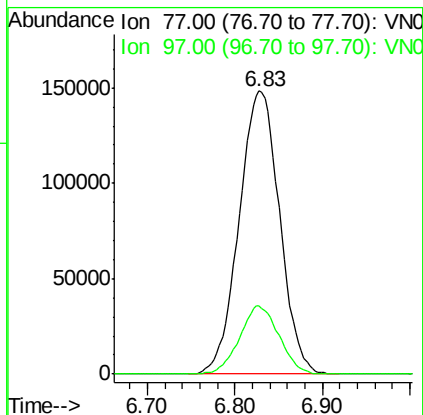
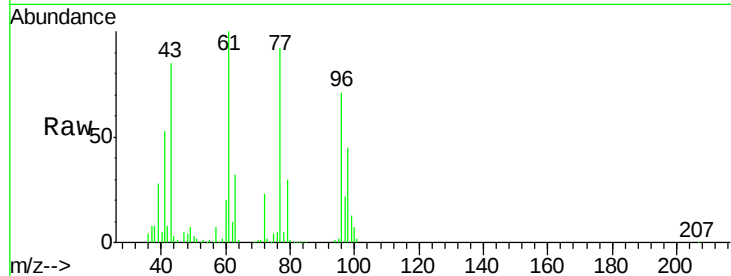
Ion 72.00 (71.70 to 72.70): VN049755.D (-1479) (-)





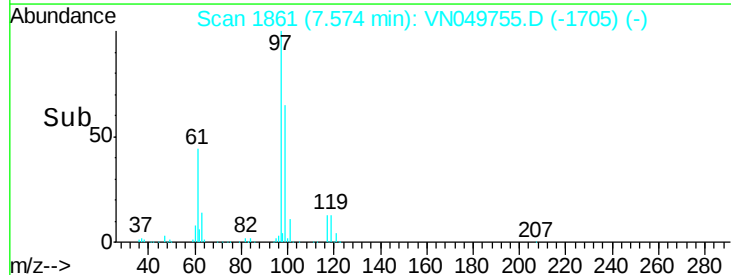
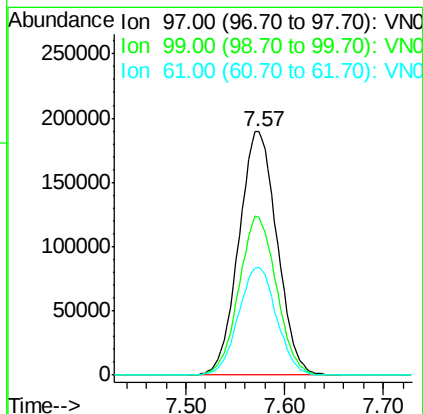
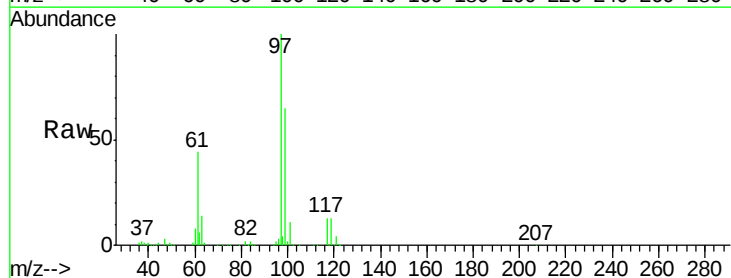
#31
 2,2-Dichloropropane
 Concen: 21.859 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

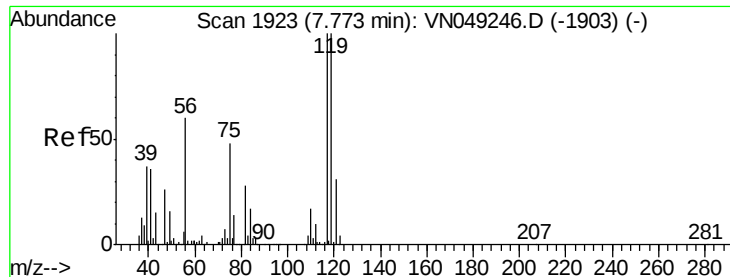
Tgt Ion: 77 Resp: 475625
 Ion Ratio Lower Upper
 77 100
 97 23.6 18.9 28.3



#32
 1,1,1-Trichloroethane
 Concen: 19.763 ug/l
 RT: 7.57 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion: 97 Resp: 507793
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.2 76.8
 61 44.1 35.3 52.9





#33

Carbon Tetrachloride

Concen: 19.810 ug/l

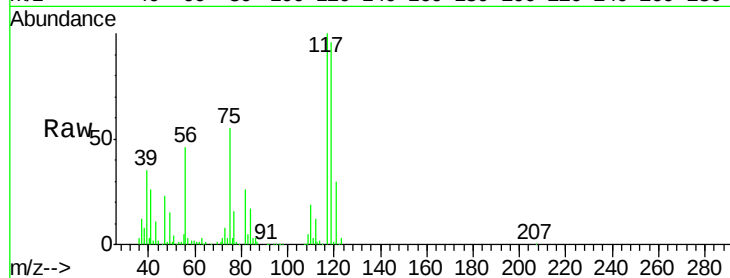
RT: 7.78 min Scan# 1924

Delta R.T. 0.00 min

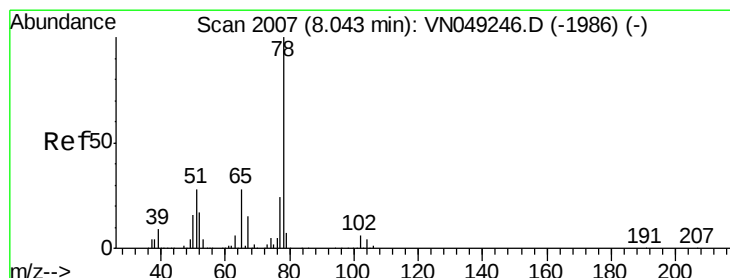
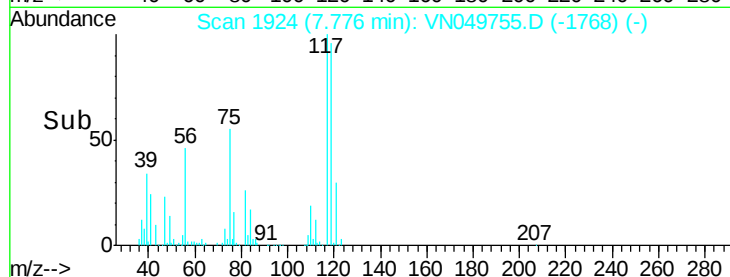
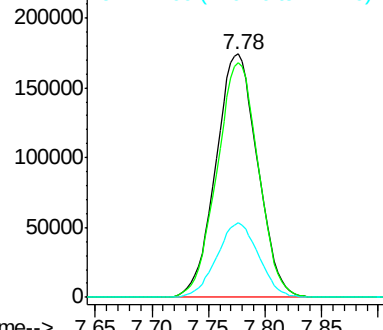
Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tgt Ion:	117	Resp:	446836
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.9	115.3
121	30.5	24.4	36.6



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.201 ug/l

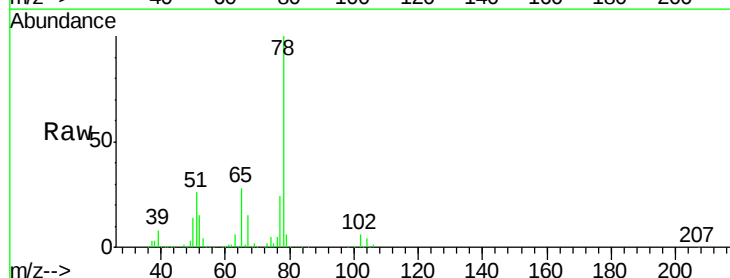
RT: 8.04 min Scan# 2007

Delta R.T. 0.00 min

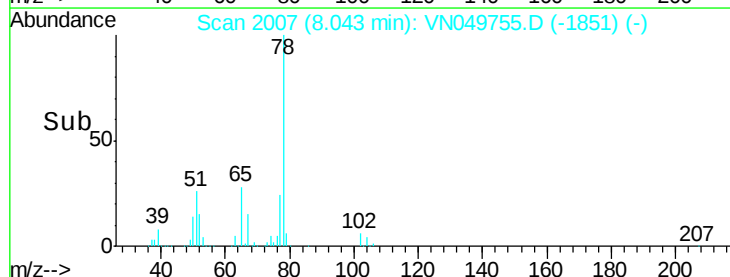
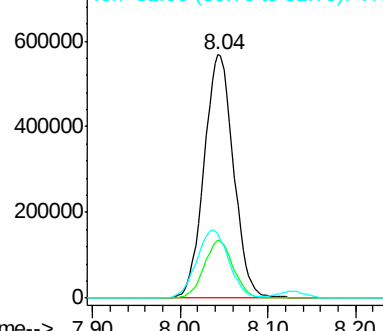
Lab File: VN049755.D

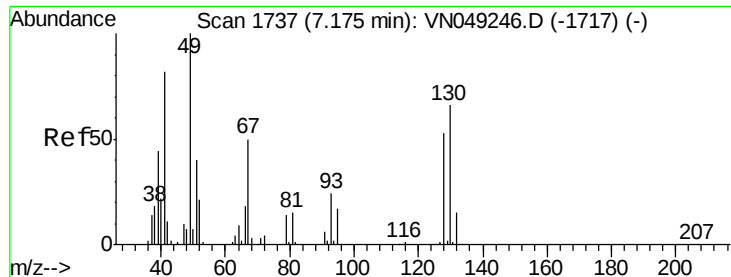
Acq: 11 Jul 2018 10:46

Tgt Ion:	78	Resp:	1326129
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7
51	26.2	21.0	31.4



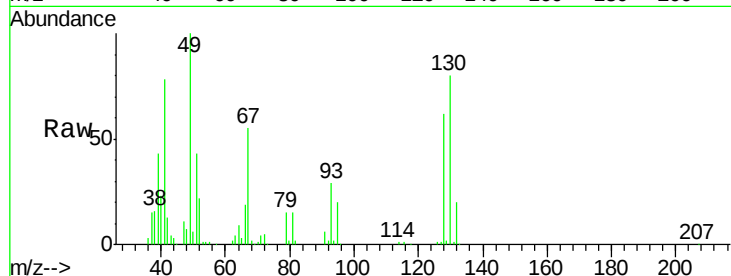
Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V



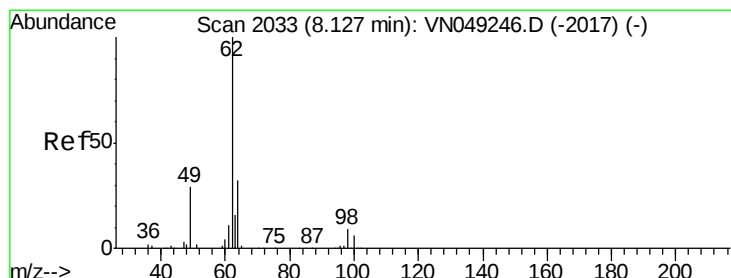
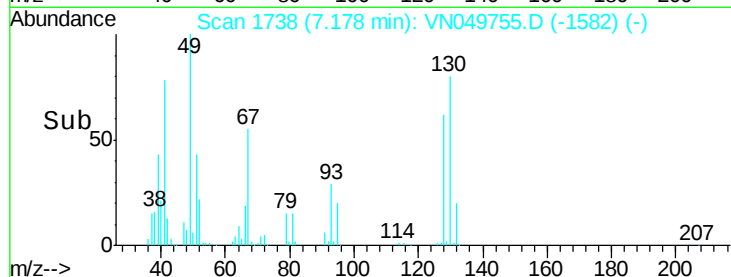
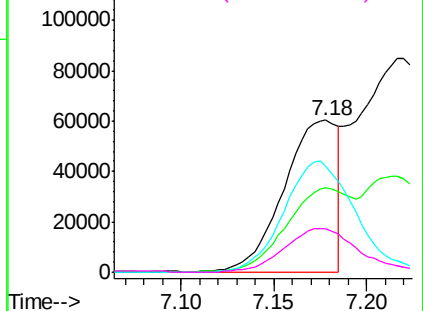


#35
Methacrylonitrile
Concen: 15.508 ug/l
RT: 7.18 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion:	41	Resp:	120864
Ion	Ratio	Lower	Upper
41	100		
39	55.1	27.6	82.7
67	70.3	35.1	105.5
52	28.3	14.1	42.4

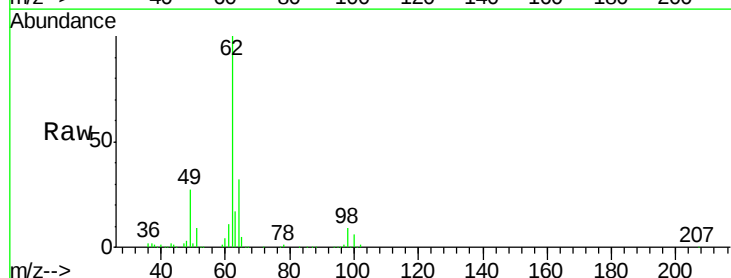


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

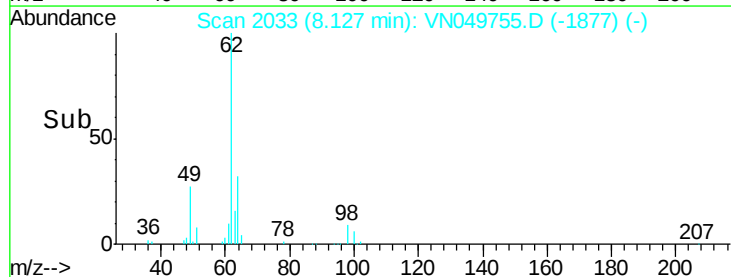
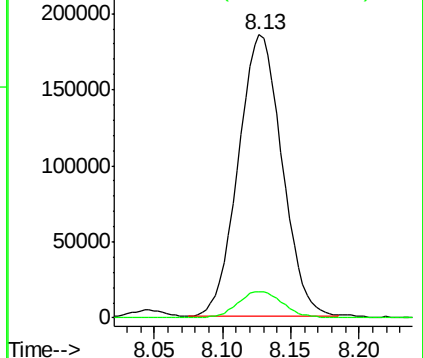


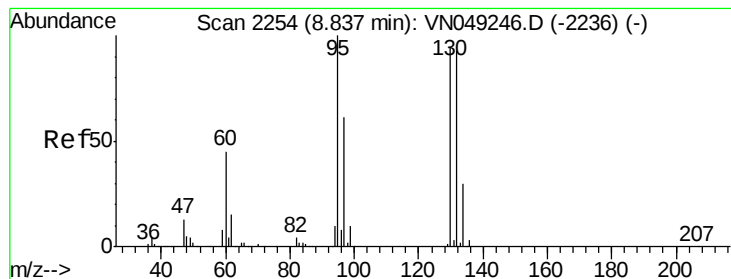
#36
1,2-Dichloroethane
Concen: 18.723 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion:	62	Resp:	413415
Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.8	11.6



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.102 ug/l

RT: 8.84 min Scan# 2254

Delta R.T. 0.00 min

Lab File: VN049755.D

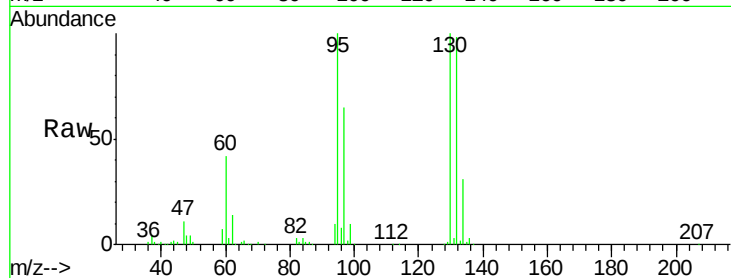
Acq: 11 Jul 2018 10:46

Tgt Ion: 130 Resp: 340360

Ion Ratio Lower Upper

130 100

95 99.6 79.7 119.5



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0

8.84

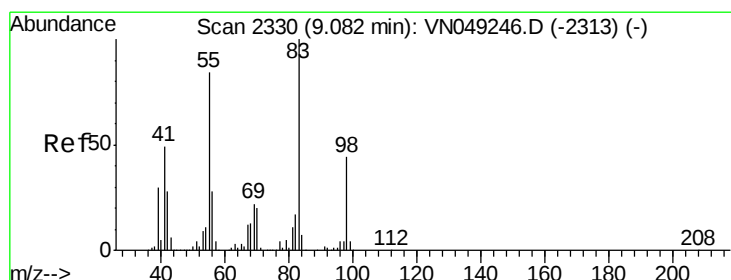
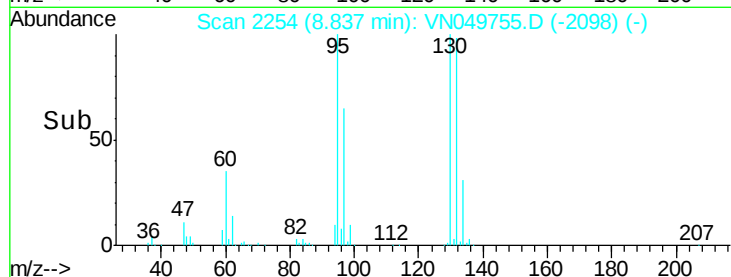
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 18.905 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

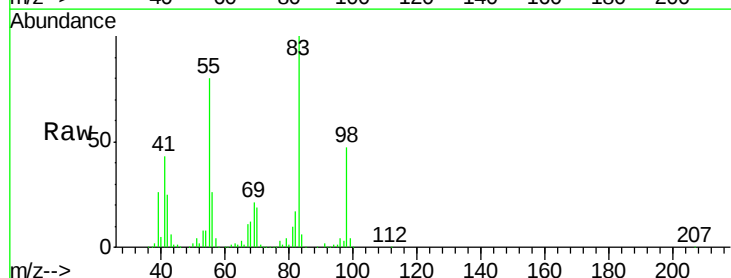
Tgt Ion: 83 Resp: 445279

Ion Ratio Lower Upper

83 100

55 78.5 39.3 117.8

98 46.0 23.0 69.0



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

9.08

250000

200000

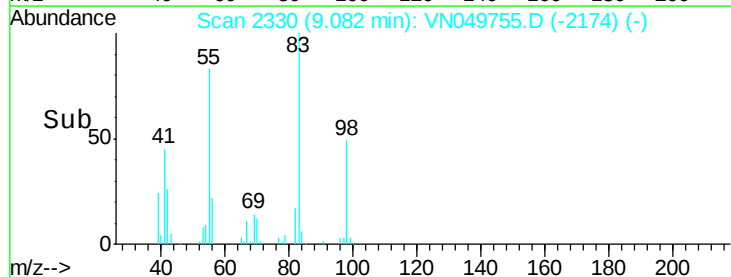
150000

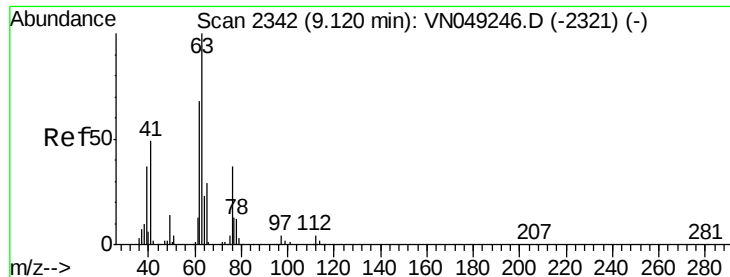
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 18.071 ug/l

RT: 9.12 min Scan# 2343

Delta R.T. 0.00 min

Lab File: VN049755.D

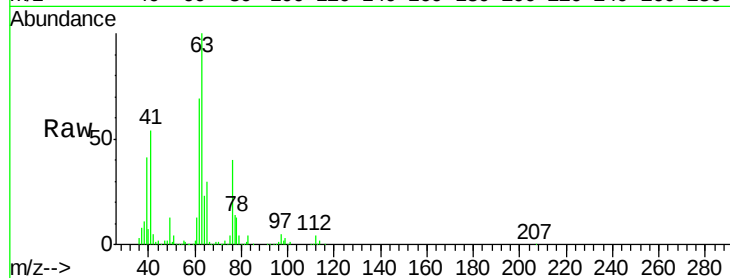
Acq: 11 Jul 2018 10:46

Tgt Ion: 63 Resp: 339343

Ion Ratio Lower Upper

63 100

65 30.2 24.2 36.2



Abundance Ion 63.00 (62.70 to 63.70): VN049246.D (-2321) (-)

Ion 65.00 (64.70 to 65.70): VN049246.D (-2321) (-)

9.12

150000

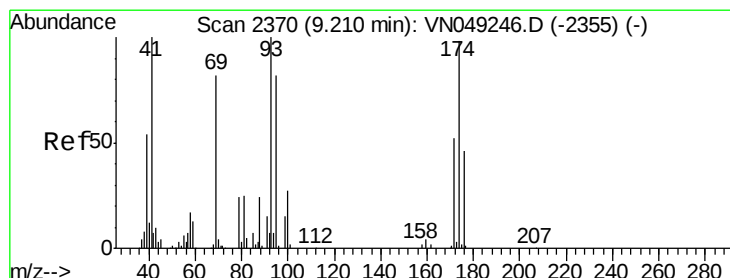
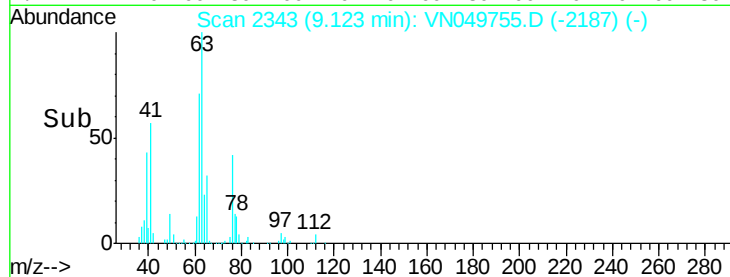
100000

50000

0

9.00 9.10 9.20

Time-->



#40

Dibromomethane

Concen: 19.555 ug/l

RT: 9.21 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

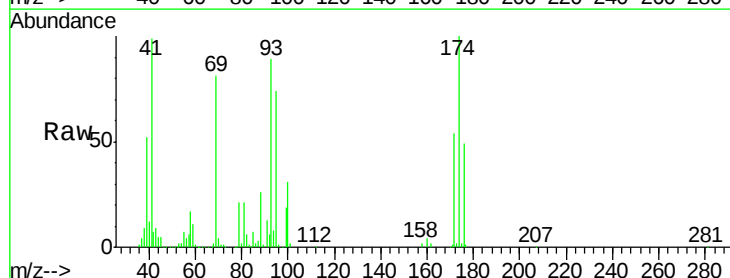
Tgt Ion: 93 Resp: 205617

Ion Ratio Lower Upper

93 100

95 82.8 0.0 165.6

174 111.6 0.0 223.2



Abundance Ion 93.00 (92.70 to 93.70): VN049246.D (-2355) (-)

Ion 95.00 (94.70 to 95.70): VN049246.D (-2355) (-)

Ion 174.00 (173.70 to 174.70): VN049246.D (-2355) (-)

9.21

150000

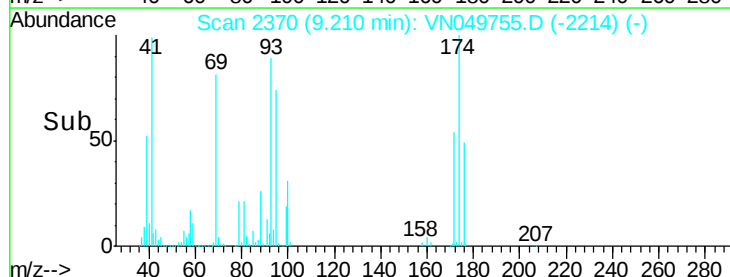
100000

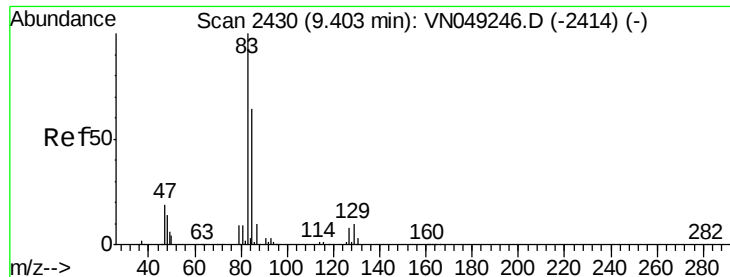
50000

0

9.15 9.20 9.25 9.30

Time-->





#41

Bromodichloromethane

Concen: 18.811 ug/l

RT: 9.41 min Scan# 2431

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

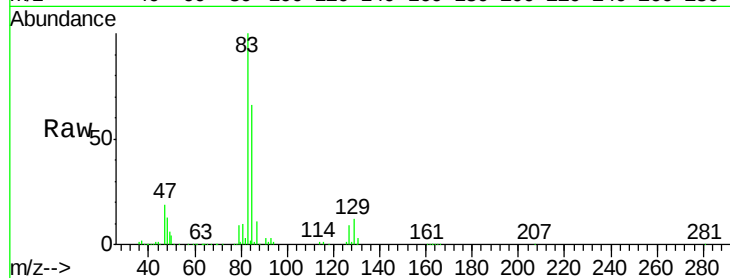
Tgt Ion: 83 Resp: 436828

Ion Ratio Lower Upper

83 100

85 65.7 52.6 78.8

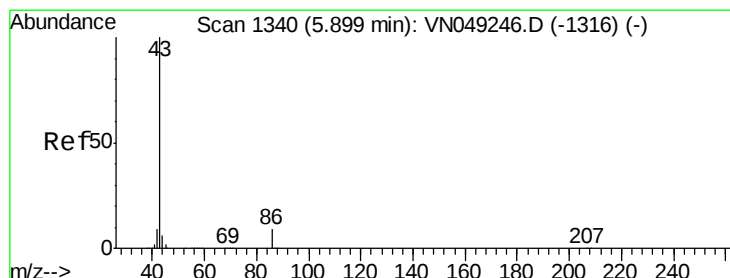
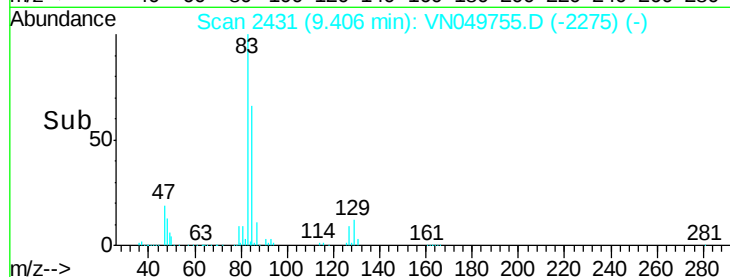
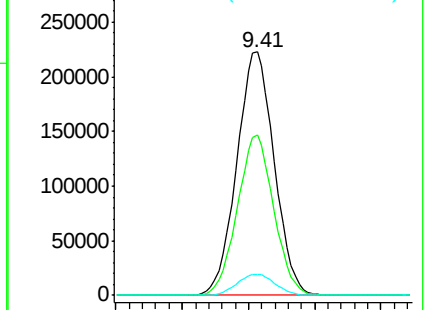
127 8.7 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN049246.D (-2414) (-)

Ion 85.00 (84.70 to 85.70): VN049246.D (-2414) (-)

Ion 127.00 (126.70 to 127.70): VN049246.D (-2414) (-)



#42

Vinyl Acetate

Concen: 87.428 ug/l

RT: 5.90 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VN049755.D

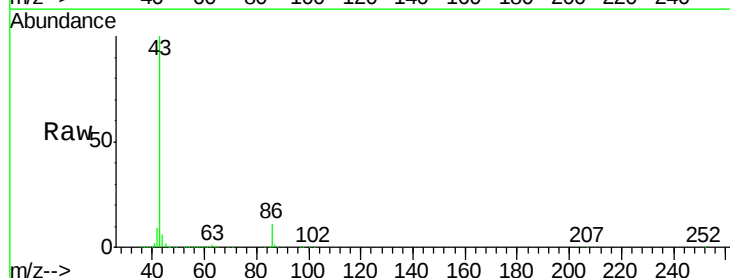
Acq: 11 Jul 2018 10:46

Tgt Ion: 43 Resp: 3146822

Ion Ratio Lower Upper

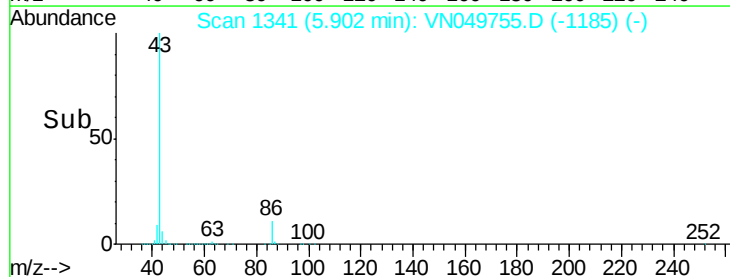
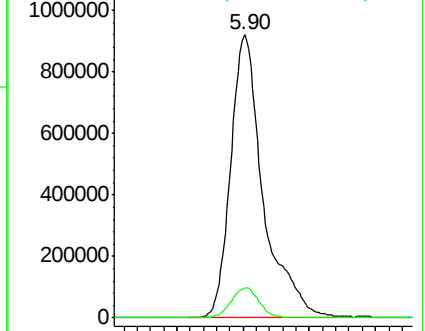
43 100

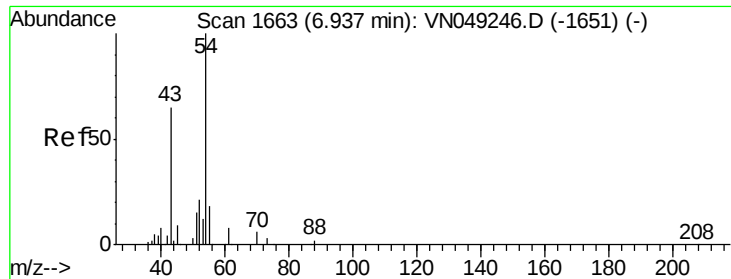
86 9.1 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN049246.D (-1316) (-)

Ion 86.00 (85.70 to 86.70): VN049246.D (-1316) (-)





#43

Ethyl Acetate

Concen: 16.687 ug/l

RT: 6.94 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VN049755.D

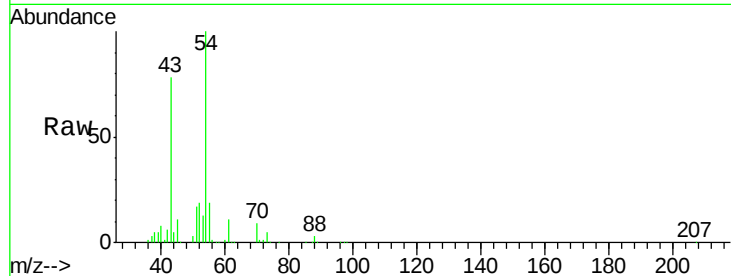
Acq: 11 Jul 2018 10:46

Tgt Ion: 43 Resp: 234480

Ion Ratio Lower Upper

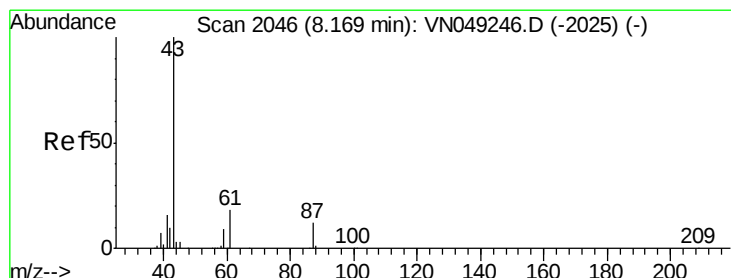
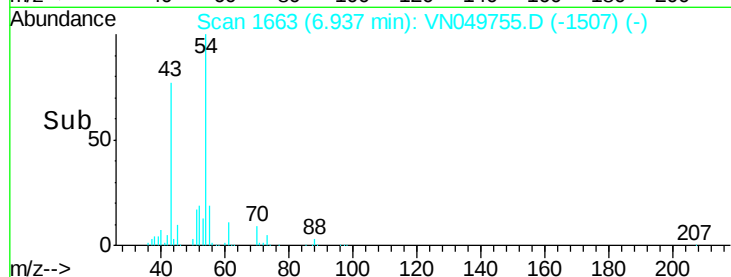
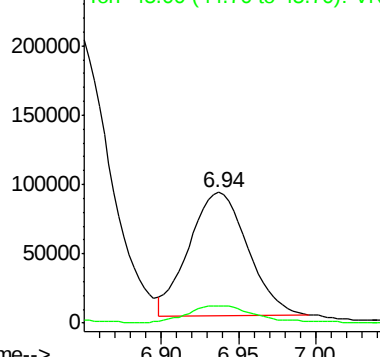
43 100

45 16.3 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 17.471 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049755.D

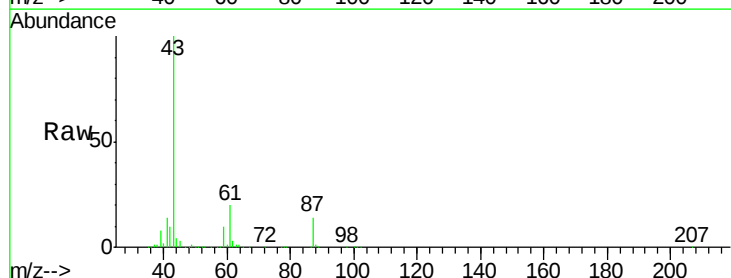
Acq: 11 Jul 2018 10:46

Tgt Ion: 43 Resp: 468829

Ion Ratio Lower Upper

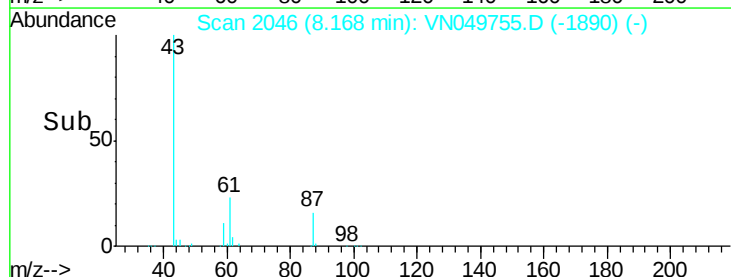
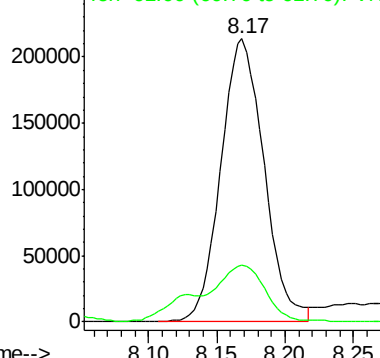
43 100

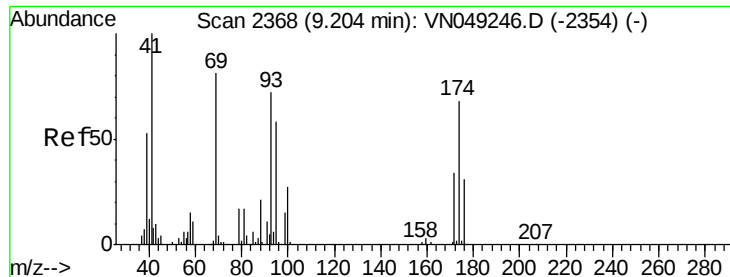
61 20.5 16.4 24.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 413.882 ug/l

RT: 9.21 min Scan# 2369

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

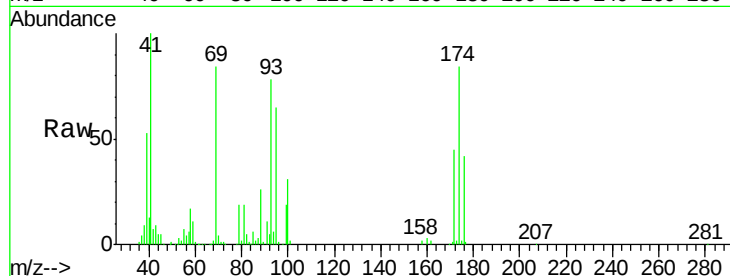
Tgt Ion: 88 Resp: 63219

Ion Ratio Lower Upper

88 100

43 33.6 26.9 40.3

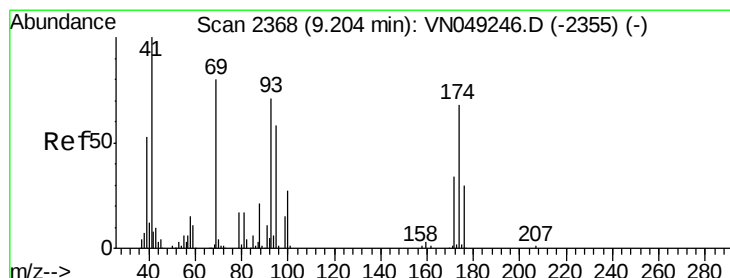
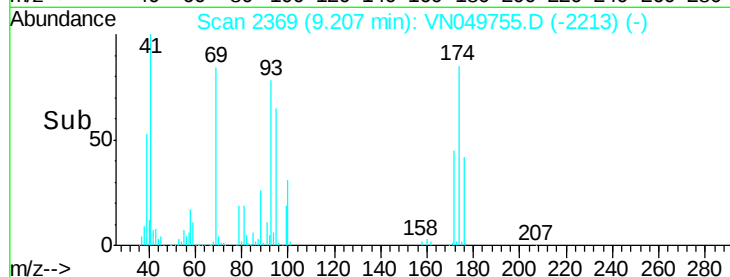
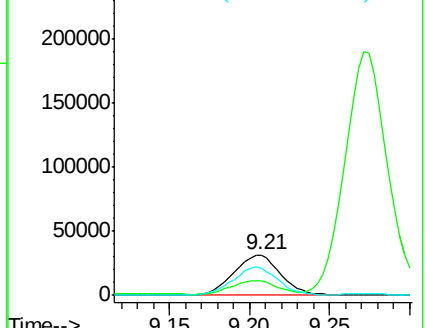
58 67.0 53.6 80.4



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



#46

Methyl methacrylate

Concen: 18.031 ug/l

RT: 9.20 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

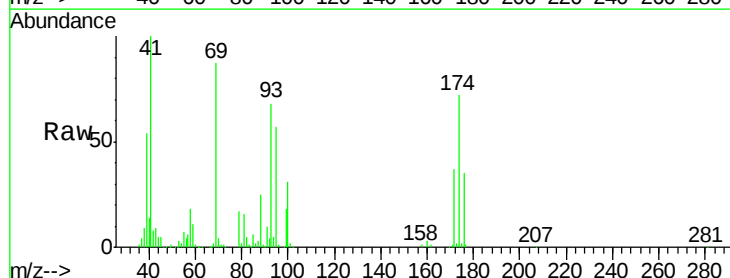
Tgt Ion: 41 Resp: 228996

Ion Ratio Lower Upper

41 100

69 88.1 44.0 132.1

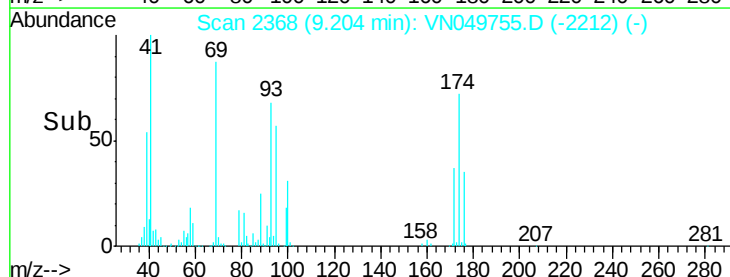
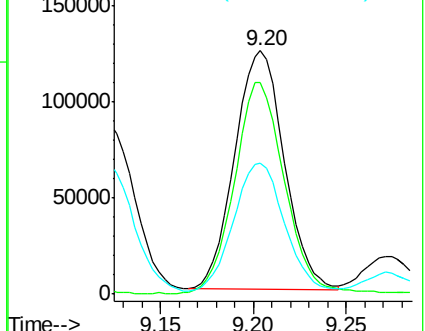
39 53.9 27.0 80.8

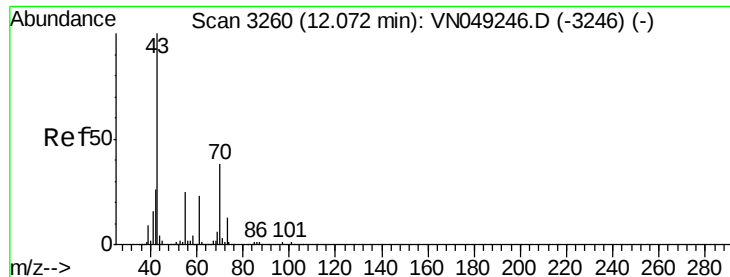


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

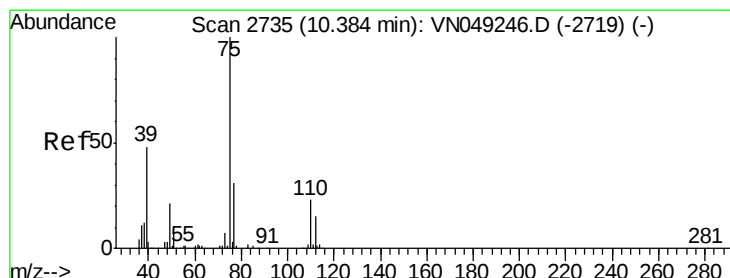
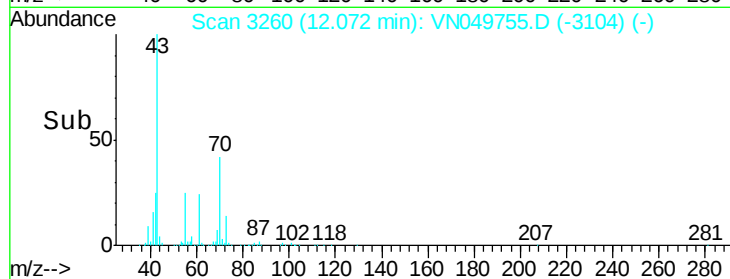
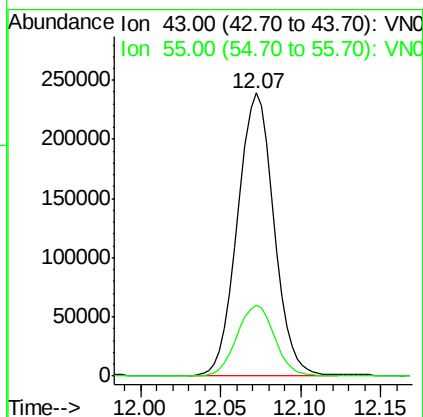
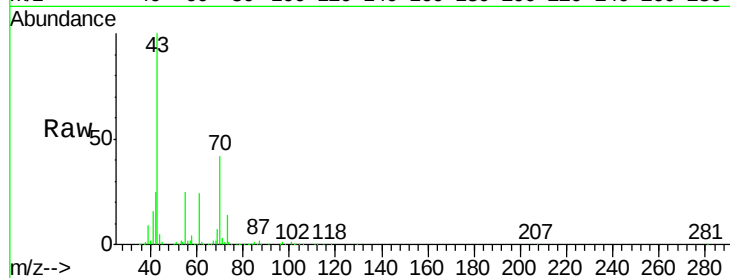
Ion 39.00 (38.70 to 39.70): VN0





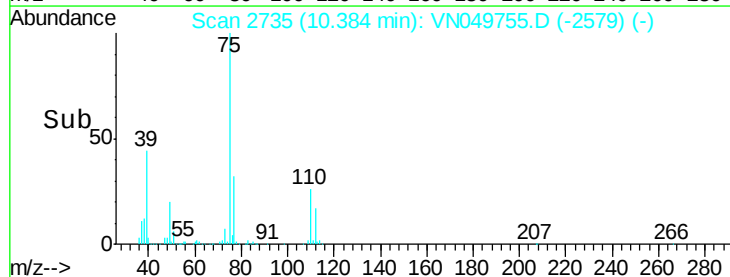
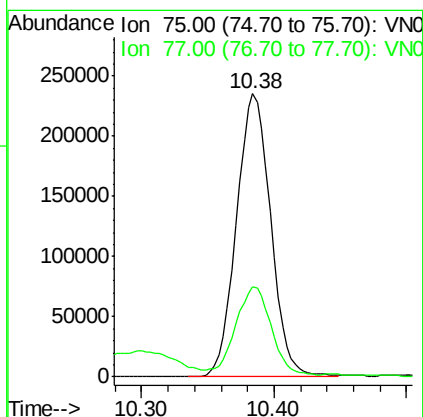
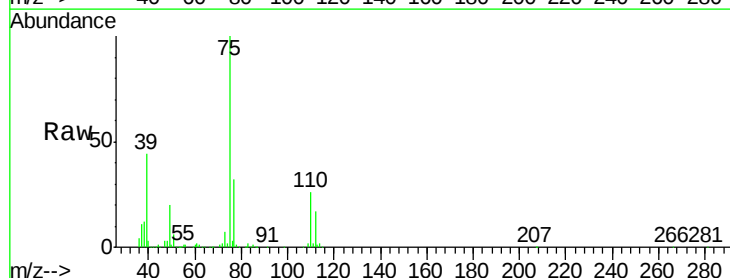
#47
n-amyl Acetate
Concen: 17.287 ug/l
RT: 12.07 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

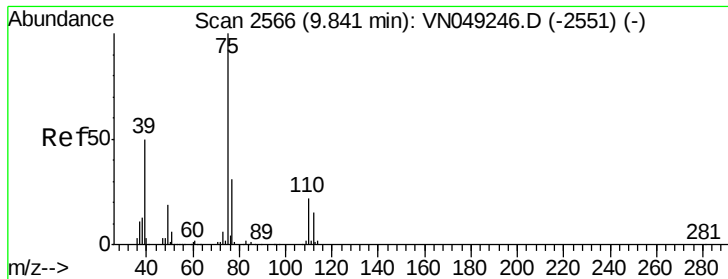
Tgt Ion: 43 Resp: 368908
Ion Ratio Lower Upper
43 100
55 26.2 21.0 31.4



#48
t-1,3-Dichloropropene
Concen: 18.601 ug/l
RT: 10.38 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 75 Resp: 421896
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0

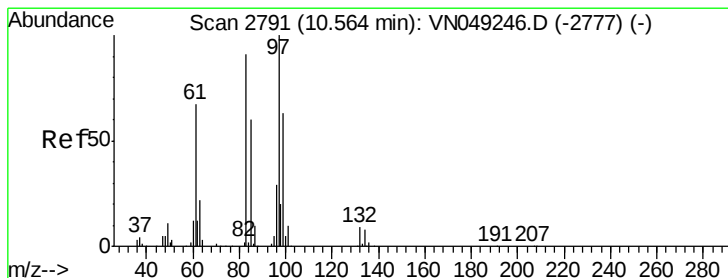
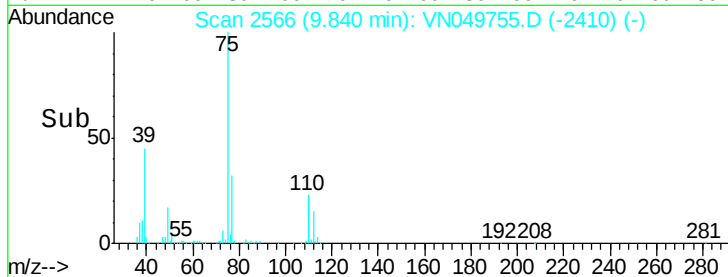
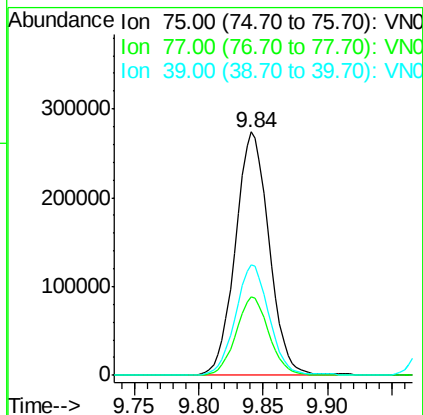
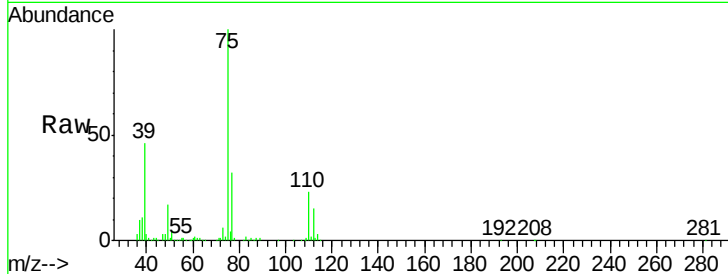




#49

cis-1,3-Dichloropropene
 Concen: 18.888 ug/l
 RT: 9.84 min Scan# 2566
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

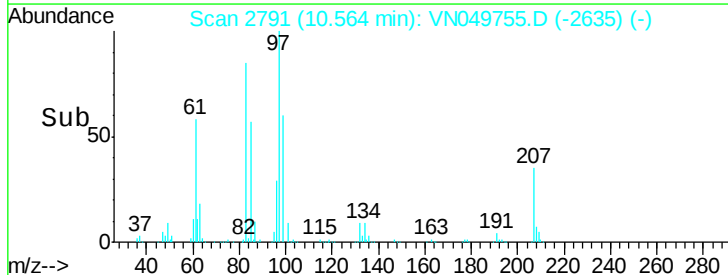
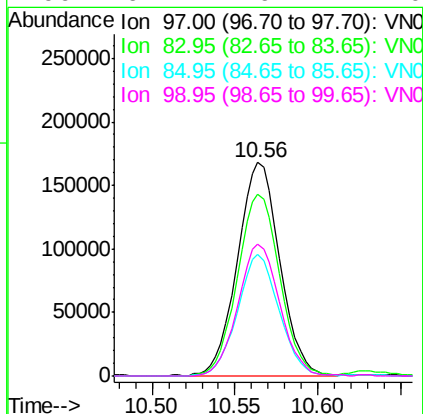
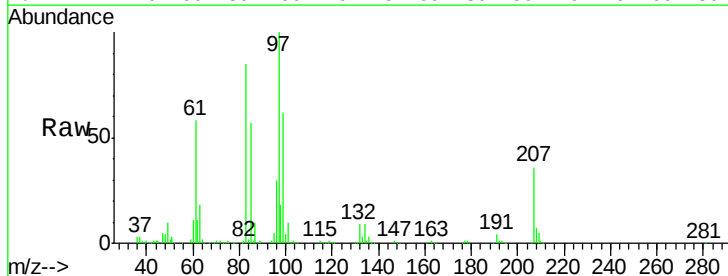
Tgt Ion:	75	Resp:	498211
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	45.4	36.3	54.5

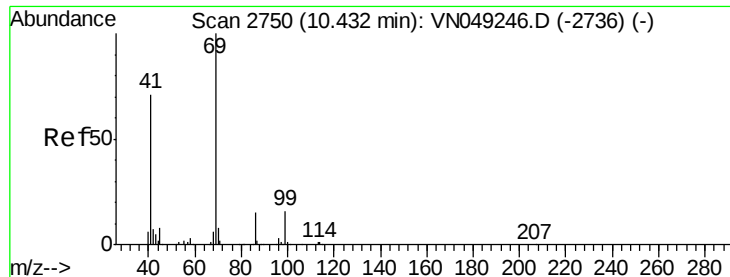


#50

1,1,2-Trichloroethane
 Concen: 19.939 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion:	97	Resp:	299478
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	56.8	45.4	68.2
99	61.7	49.4	74.0





#51

Ethyl methacrylate

Concen: 18.240 ug/l

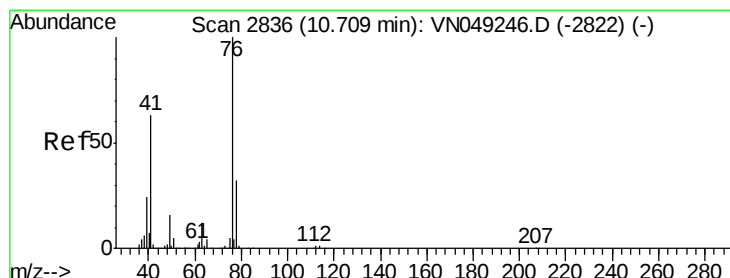
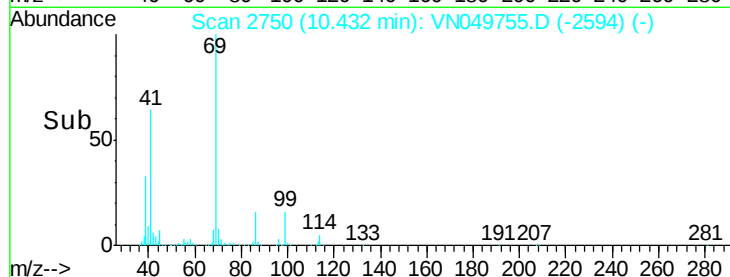
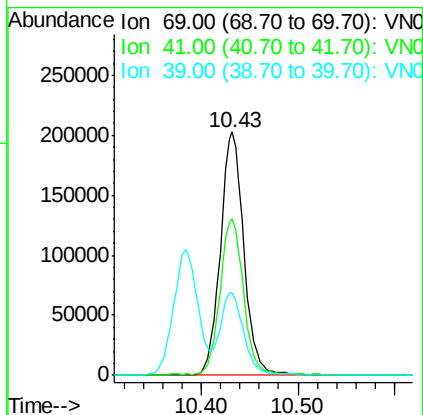
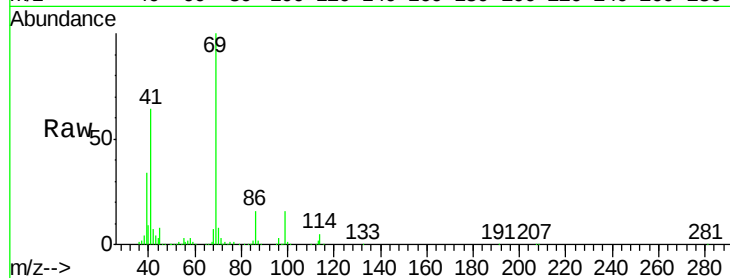
RT: 10.43 min Scan# 2750

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tgt Ion:	69	Resp:	340517
Ion	Ratio	Lower	Upper
69	100		
41	63.9	31.9	95.9
39	33.4	16.7	50.1



#52

1,3-Dichloropropane

Concen: 18.962 ug/l

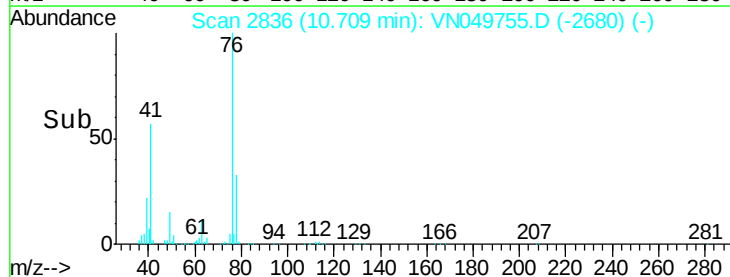
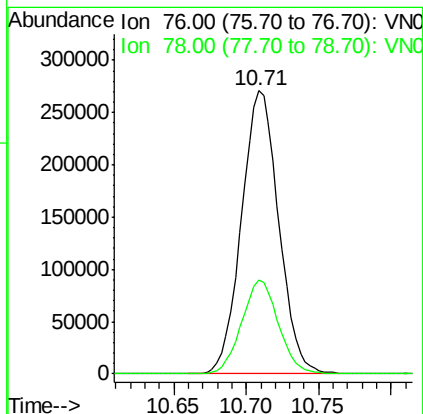
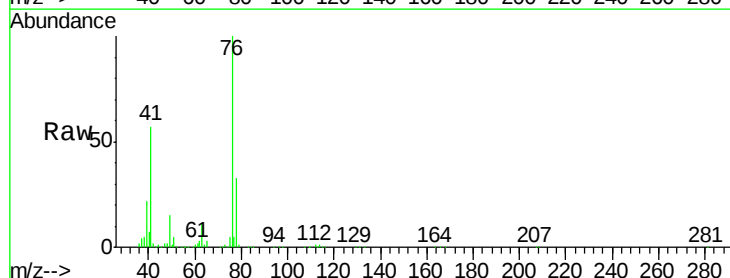
RT: 10.71 min Scan# 2836

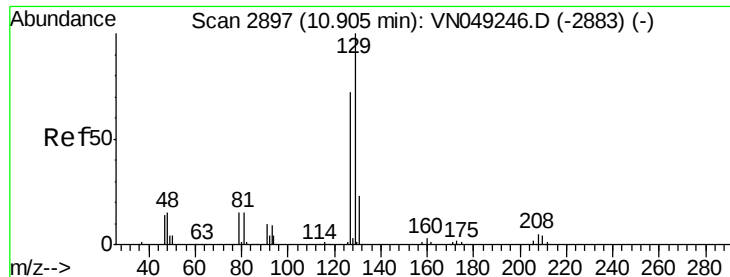
Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tgt Ion:	76	Resp:	483844
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.6





#53

Dibromochloromethane

Concen: 19.771 ug/l

RT: 10.90 min Scan# 2897

Delta R.T. 0.00 min

Lab File: VN049755.D

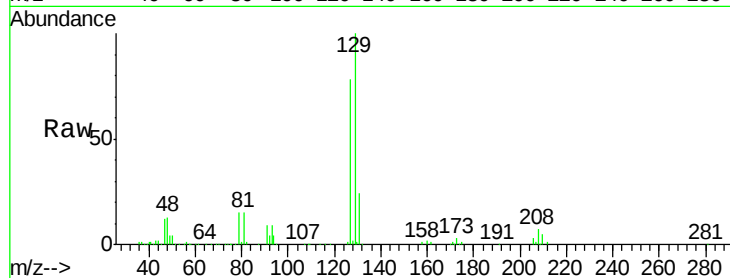
Acq: 11 Jul 2018 10:46

Tgt Ion:129 Resp: 330212

Ion Ratio Lower Upper

129 100

127 76.3 38.1 114.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.90

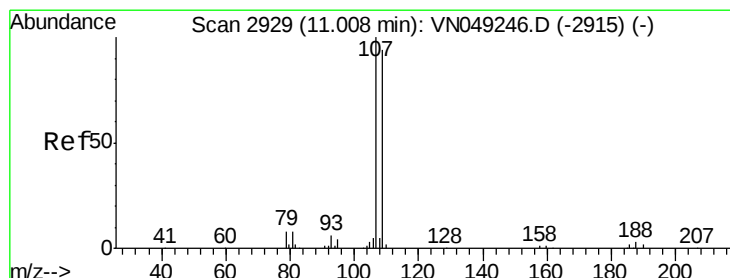
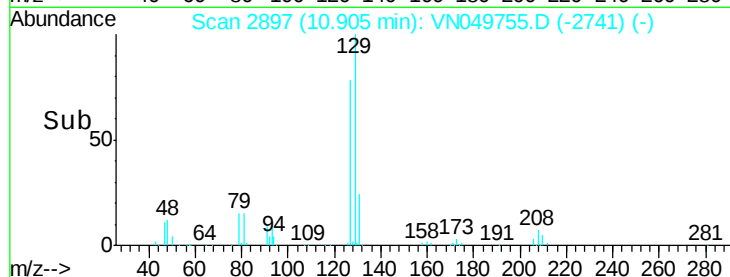
150000

100000

50000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.907 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049755.D

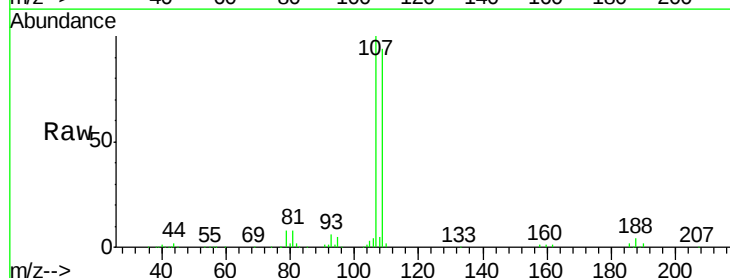
Acq: 11 Jul 2018 10:46

Tgt Ion:107 Resp: 278998

Ion Ratio Lower Upper

107 100

109 95.2 76.2 114.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

11.01

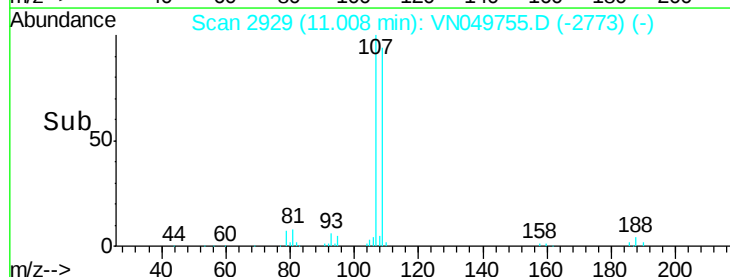
150000

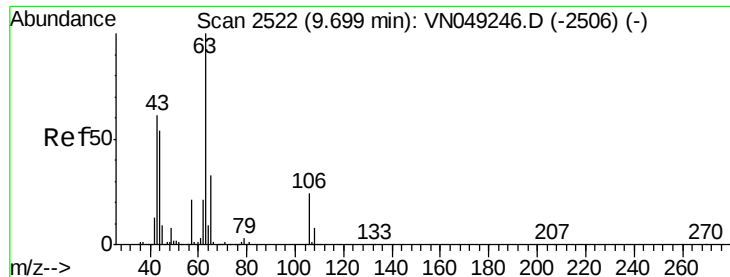
100000

50000

0

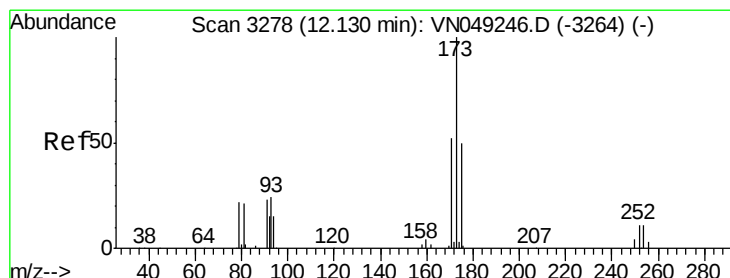
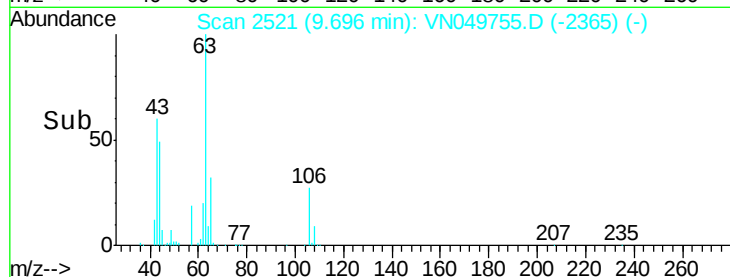
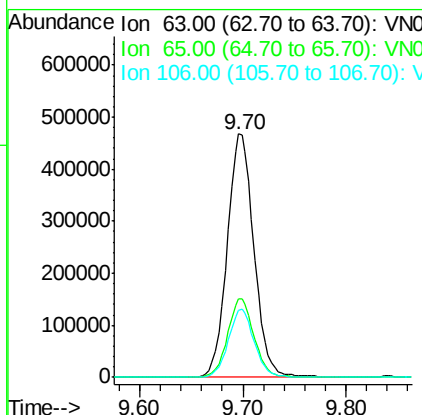
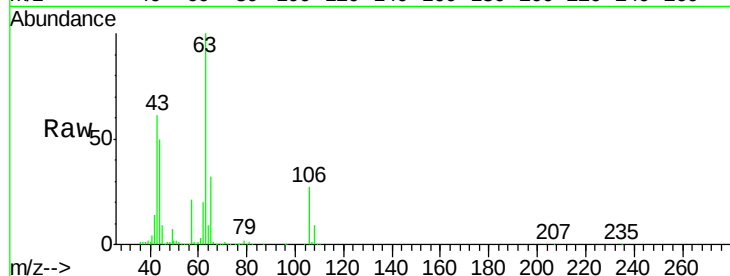
Time-->





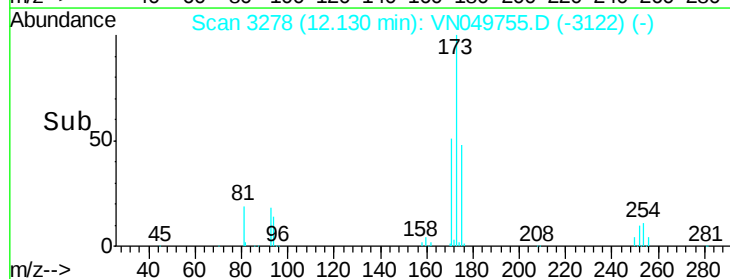
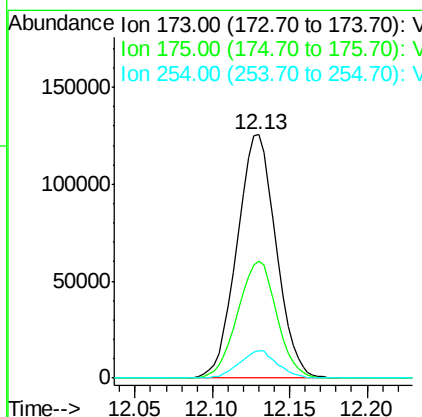
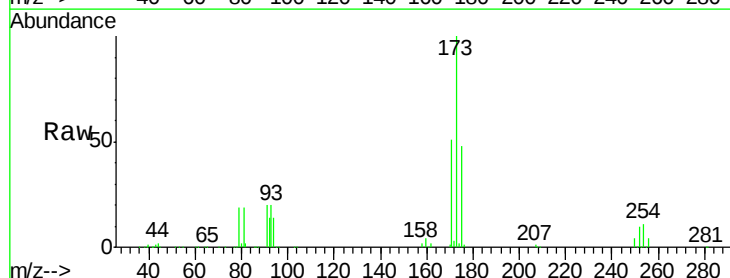
#55
2-Chloroethyl vinyl ether
Concen: 128.311 ug/l
RT: 9.70 min Scan# 2521
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

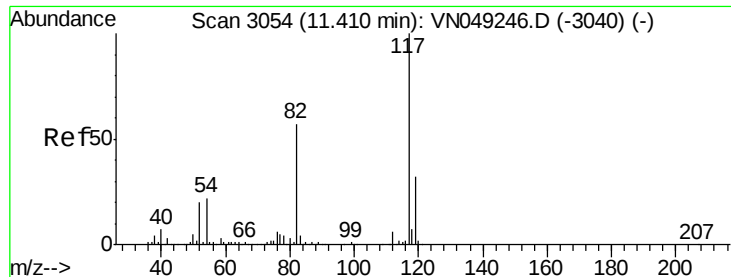
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	27.2	21.8	32.6



#56
Bromoform
Concen: 20.558 ug/l
RT: 12.13 min Scan# 3278
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	11.0	8.8	13.2

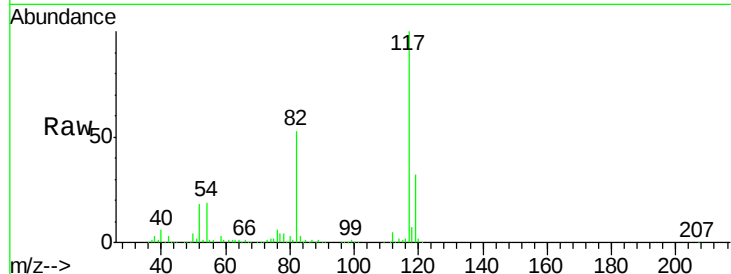




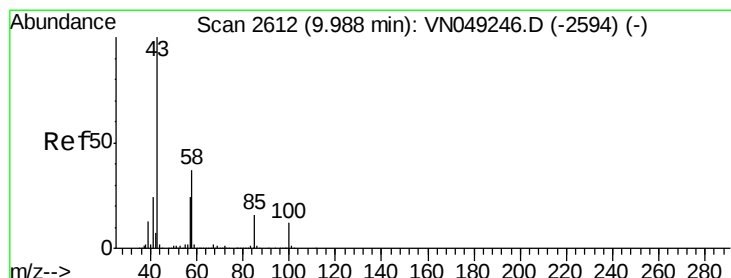
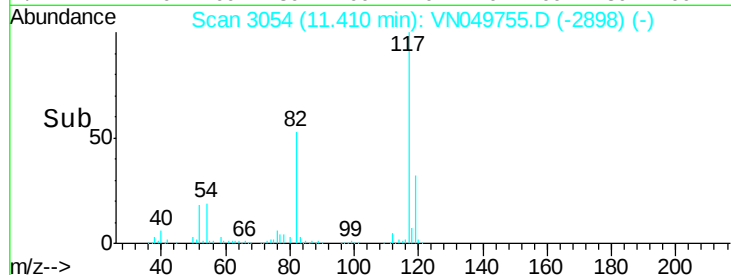
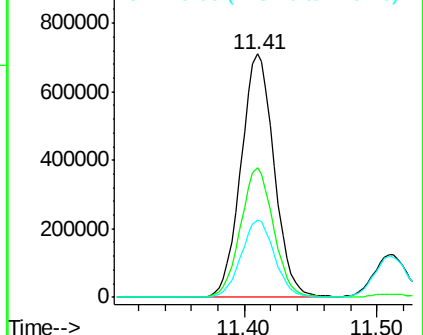
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 117 Resp: 1232599

Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.4	63.6
119	31.7	25.4	38.0



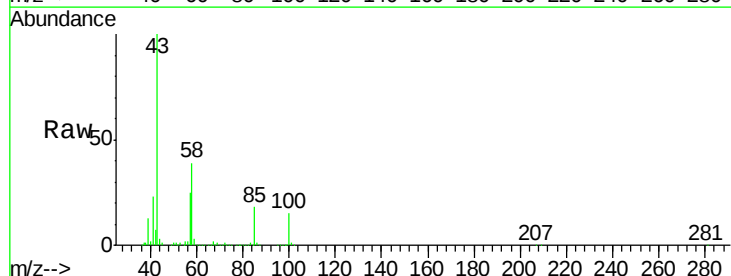
Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



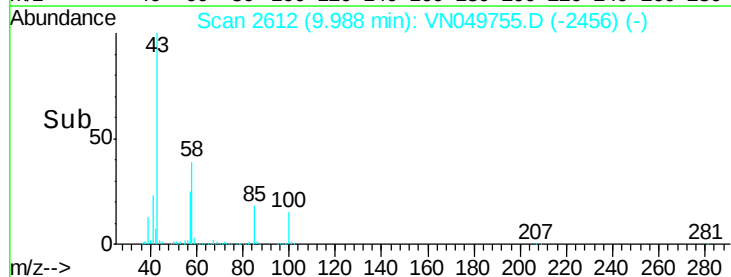
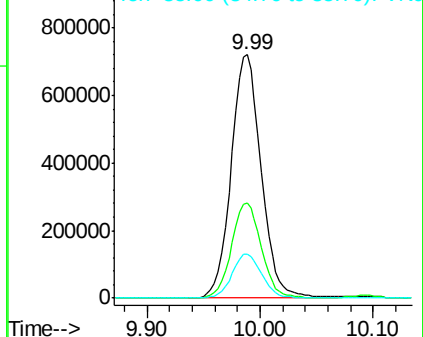
#58
4-Methyl-2-Pentanone
Concen: 95.236 ug/l
RT: 9.99 min Scan# 2612
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

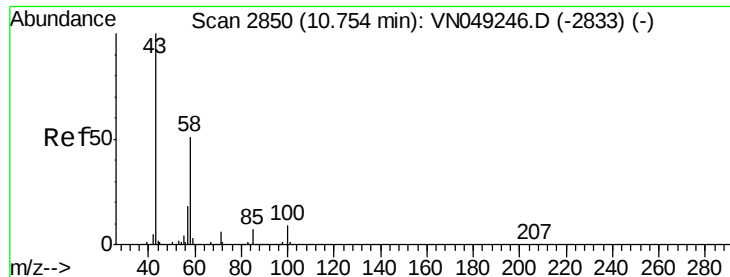
Tgt Ion: 43 Resp: 1325805

Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.2	46.8
85	18.0	14.4	21.6



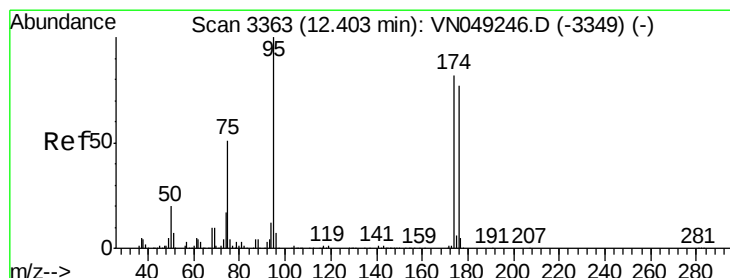
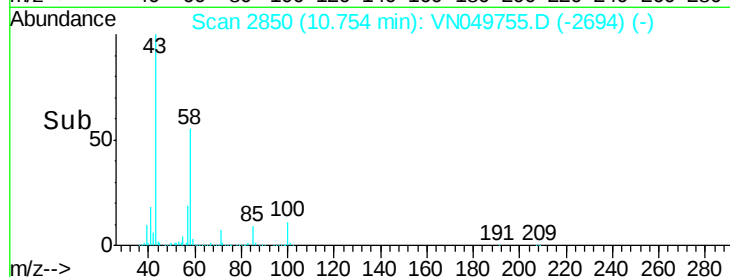
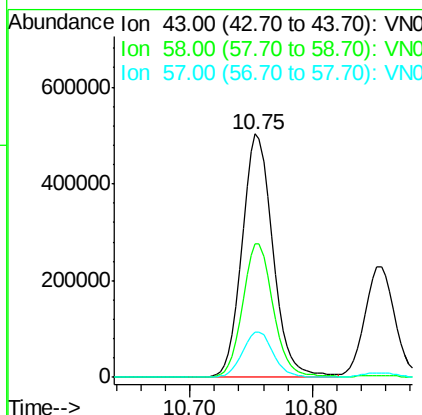
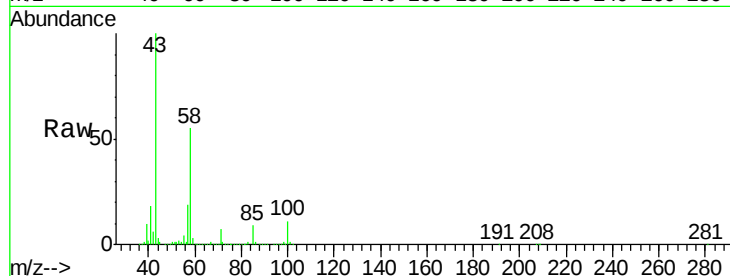
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): V
Ion 85.00 (84.70 to 85.70): V





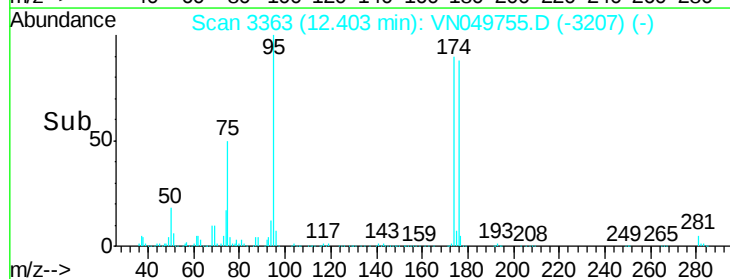
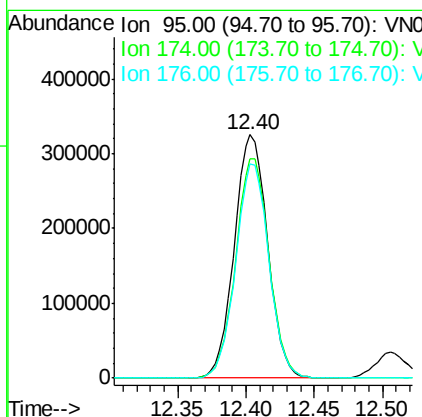
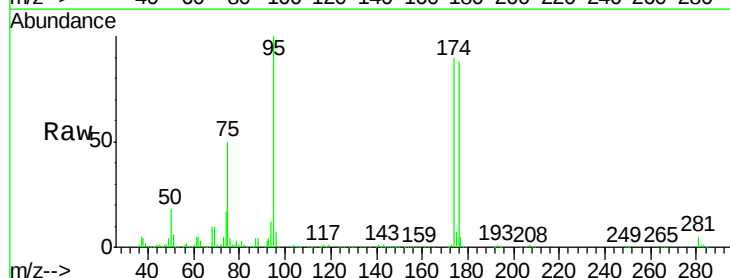
#59
2-Hexanone
Concen: 98.823 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

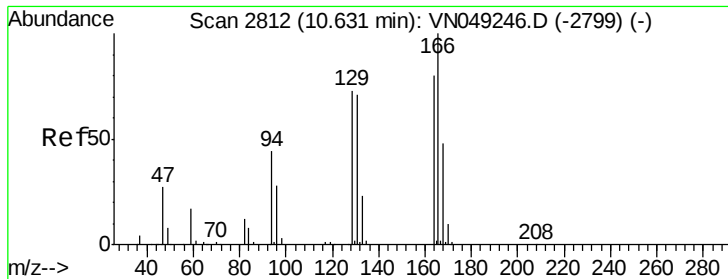
Tgt Ion: 43 Resp: 870734
Ion Ratio Lower Upper
43 100
58 54.8 43.8 65.8
57 18.9 15.1 22.7



#60
4-Bromofluorobenzene
Concen: 28.527 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion: 95 Resp: 552116
Ion Ratio Lower Upper
95 100
174 90.4 72.3 108.5
176 87.5 70.0 105.0





#61

Tetrachloroethene

Concen: 19.146 ug/l

RT: 10.63 min Scan# 2813

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tgt Ion: 164 Resp: 308460

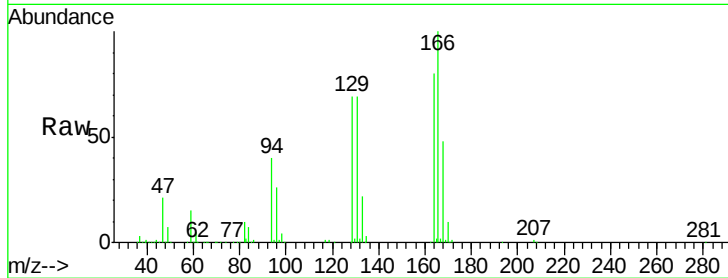
Ion Ratio Lower Upper

164 100

166 125.0 100.0 150.0

129 86.6 69.3 103.9

131 86.0 68.8 103.2

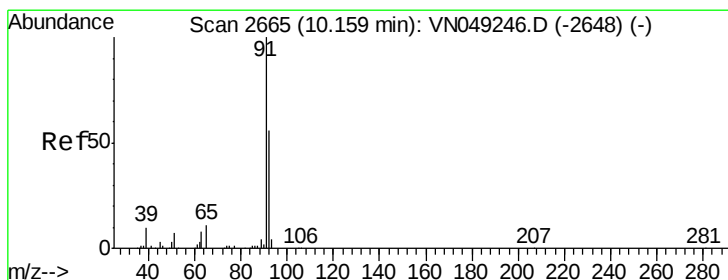
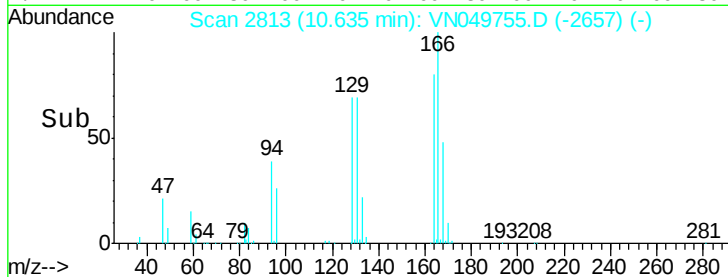
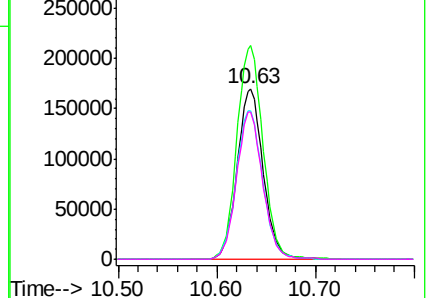


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.474 ug/l

RT: 10.16 min Scan# 2665

Delta R.T. 0.00 min

Lab File: VN049755.D

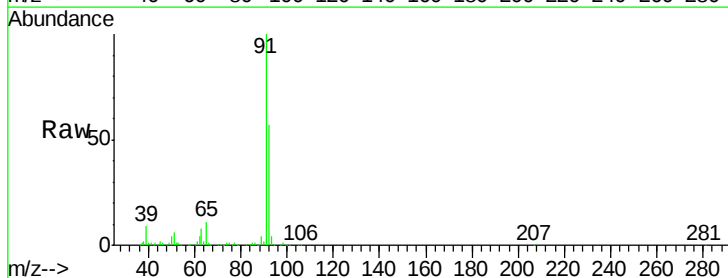
Acq: 11 Jul 2018 10:46

Tgt Ion: 91 Resp: 1391141

Ion Ratio Lower Upper

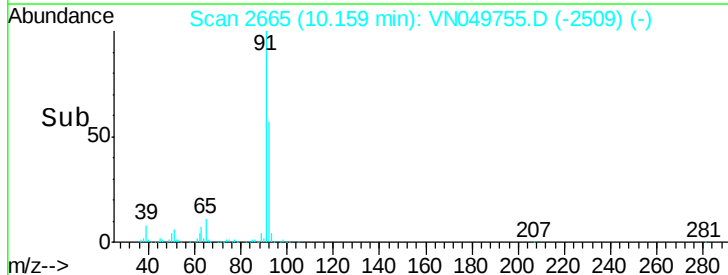
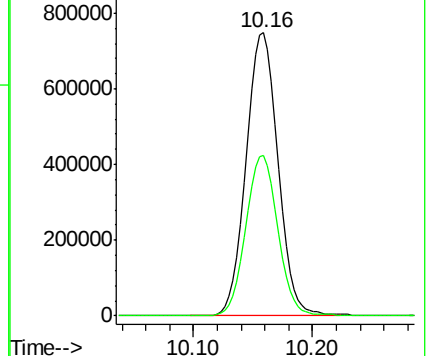
91 100

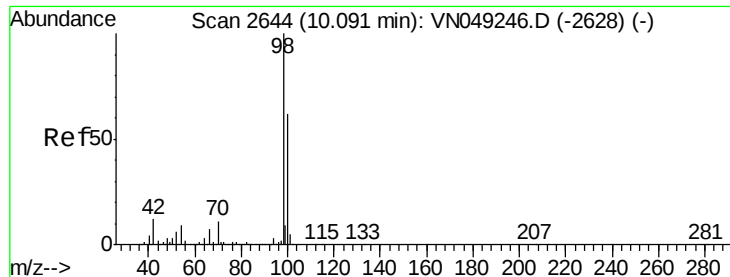
92 57.1 45.7 68.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.725 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049755.D

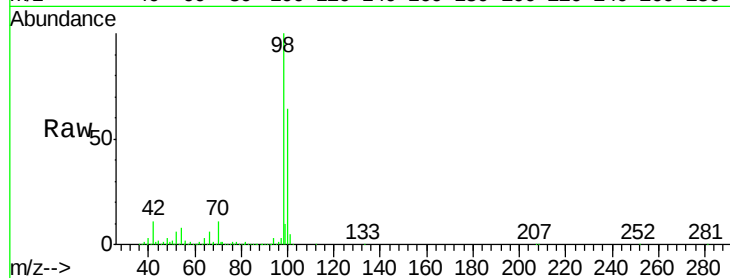
Acq: 11 Jul 2018 10:46

Tgt Ion: 98 Resp: 1757815

Ion Ratio Lower Upper

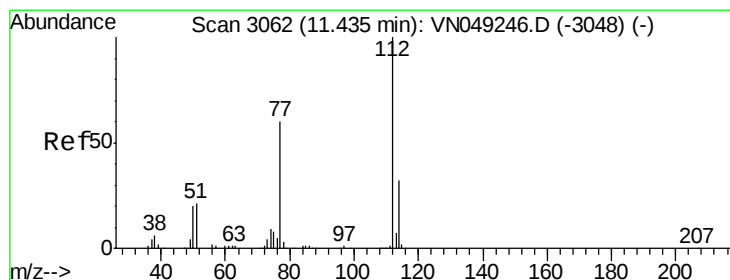
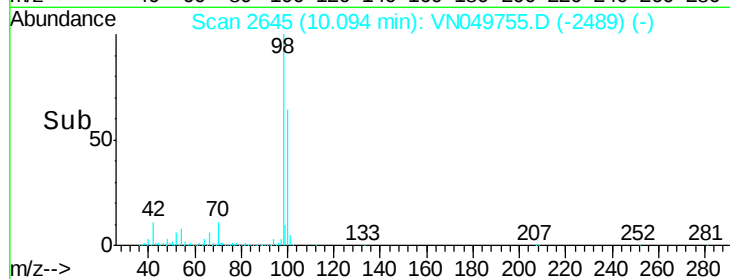
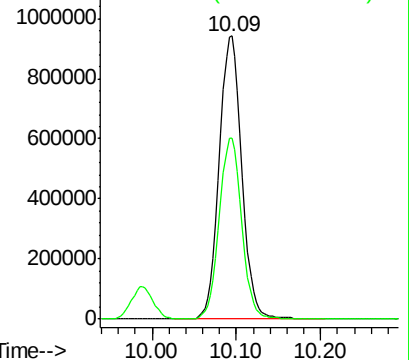
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 19.827 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049755.D

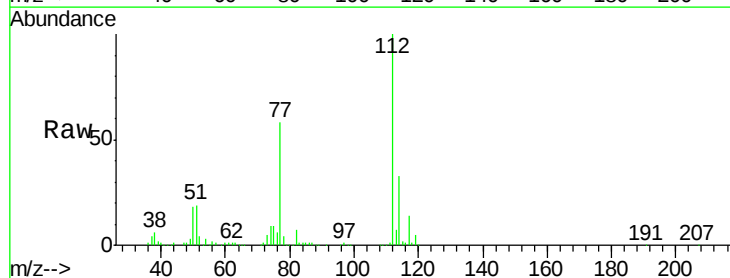
Acq: 11 Jul 2018 10:46

Tgt Ion: 112 Resp: 836770

Ion Ratio Lower Upper

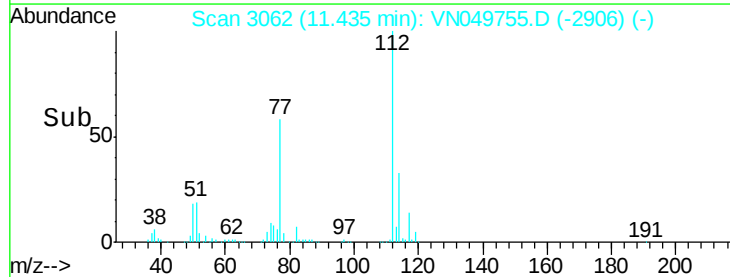
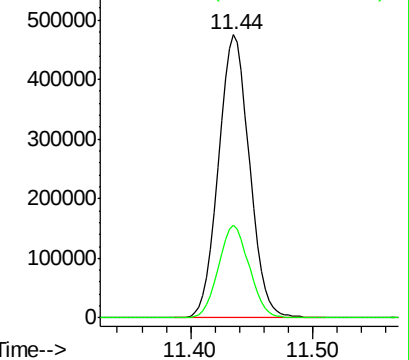
112 100

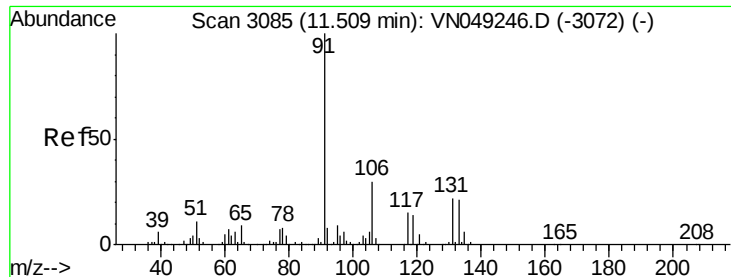
114 32.7 26.2 39.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 20.187 ug/l

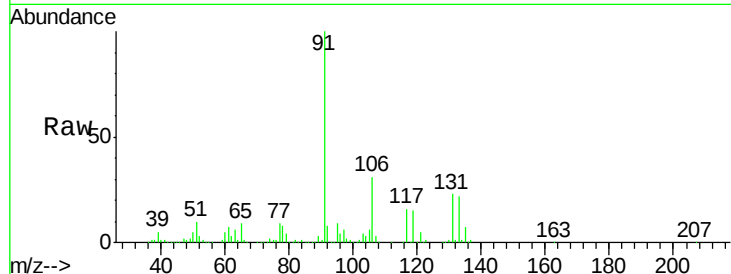
RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

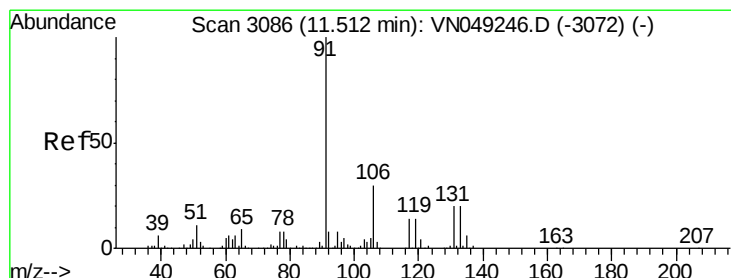
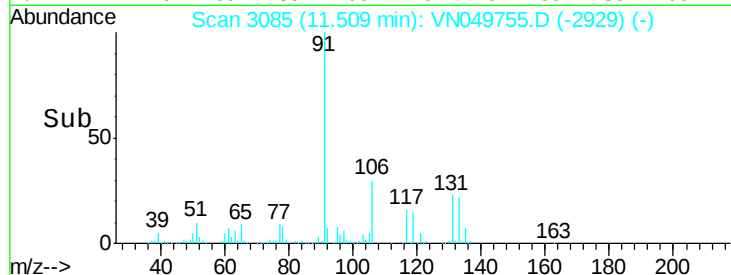
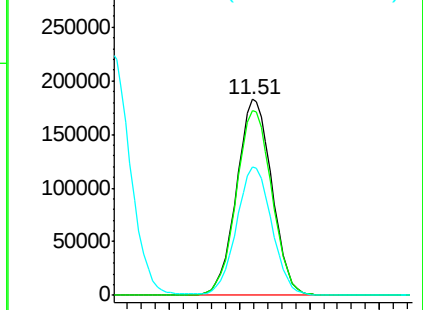
Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

Tgt Ion:	131	Resp:	320522
Ion	Ratio	Lower	Upper
131	100		
133	95.0	0.0	190.0
119	65.8	0.0	131.6



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.046 ug/l

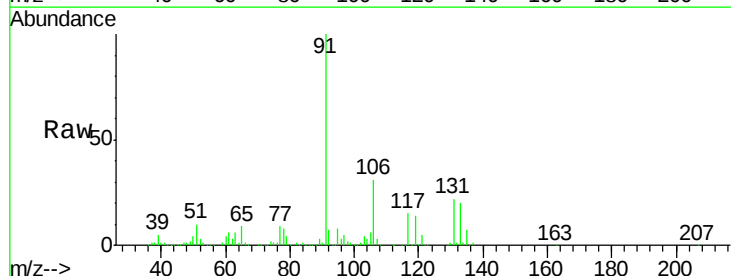
RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

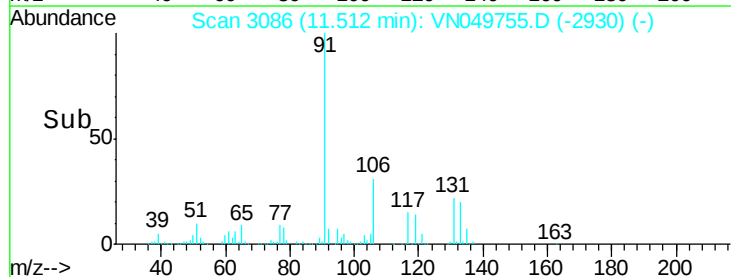
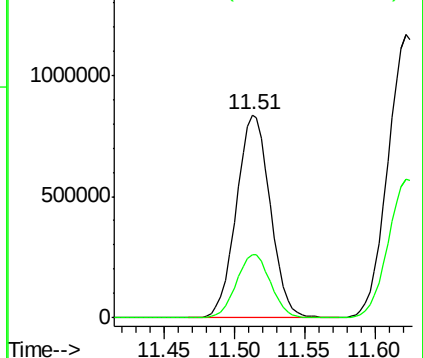
Lab File: VN049755.D

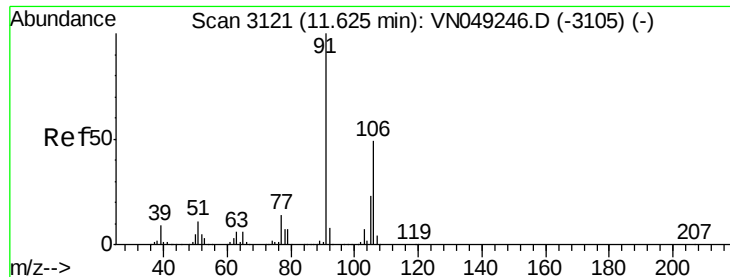
Acq: 11 Jul 2018 10:46

Tgt Ion:	91	Resp:	1412677
Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.1	37.7



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





#67

m/p-Xylenes

Concen: 39.681 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN049755.D

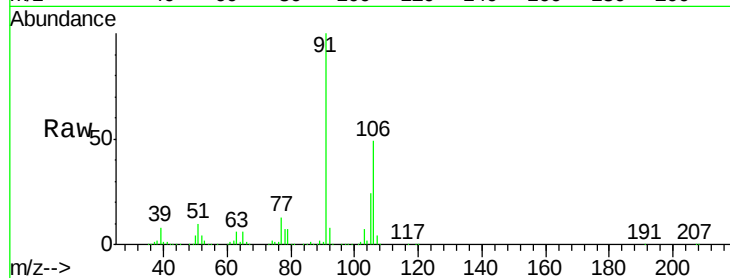
Acq: 11 Jul 2018 10:46

Tgt Ion:106 Resp: 1102411

Ion Ratio Lower Upper

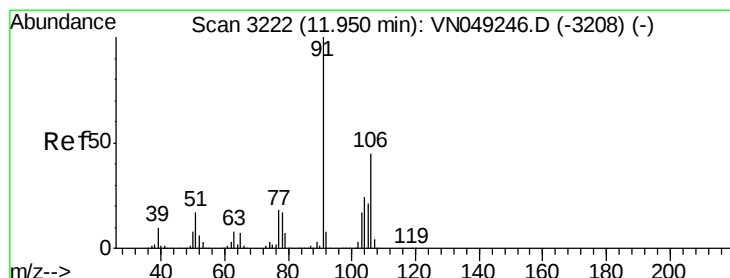
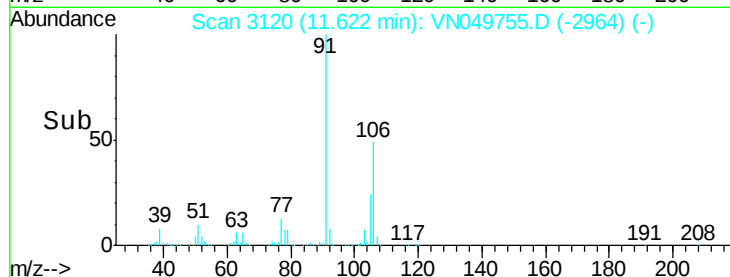
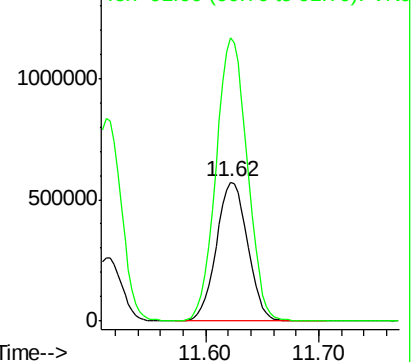
106 100

91 203.1 162.5 243.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#68

o-Xylene

Concen: 19.391 ug/l

RT: 11.95 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN049755.D

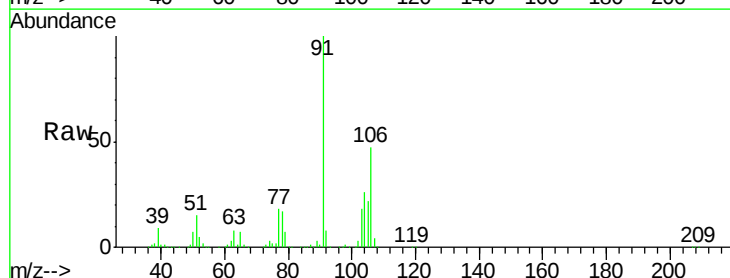
Acq: 11 Jul 2018 10:46

Tgt Ion:106 Resp: 522138

Ion Ratio Lower Upper

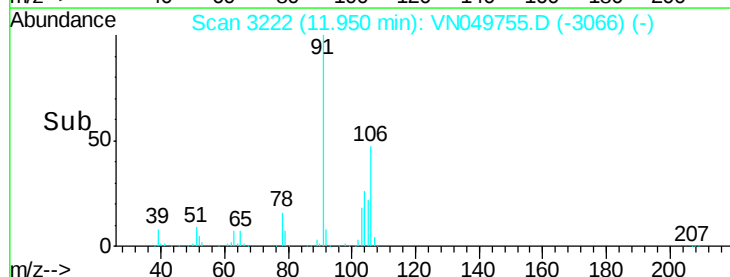
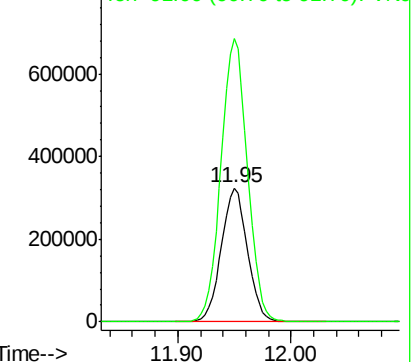
106 100

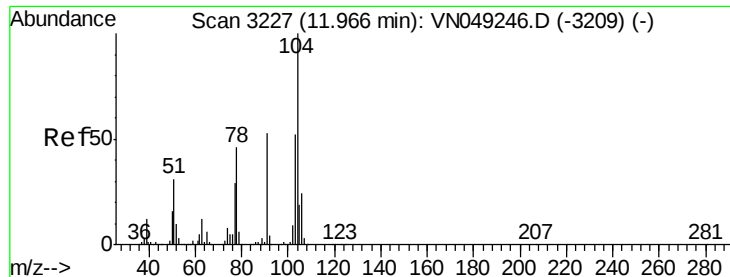
91 213.6 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V

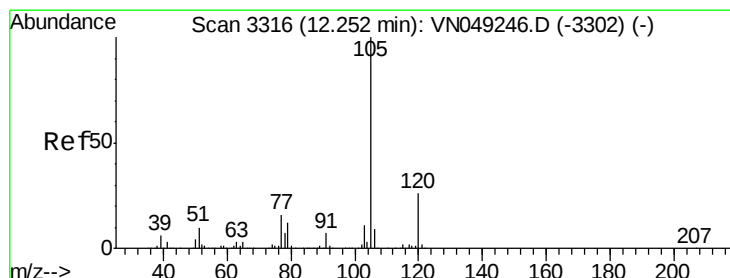
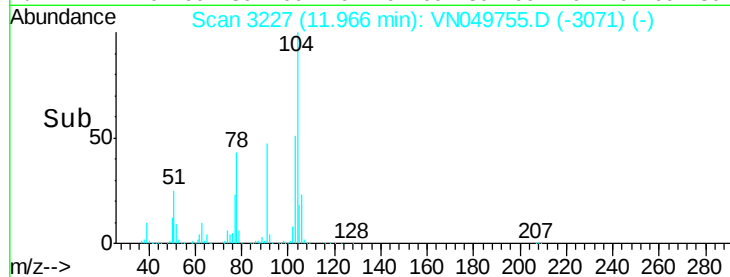
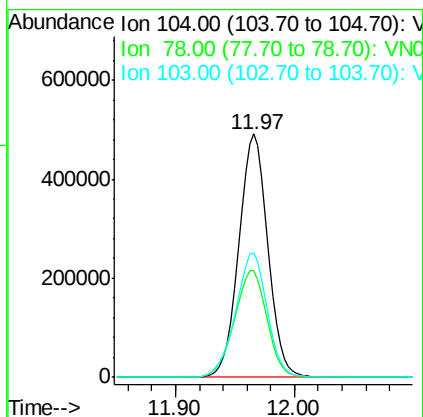
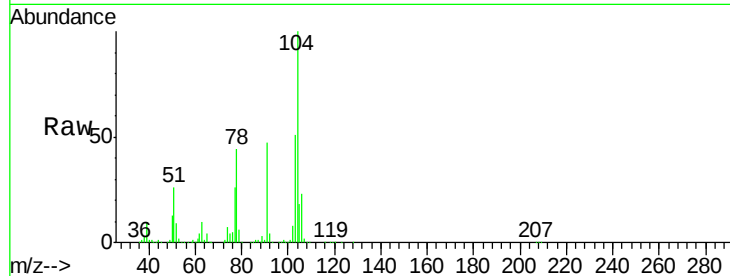
Ion 91.00 (90.70 to 91.70): VN0





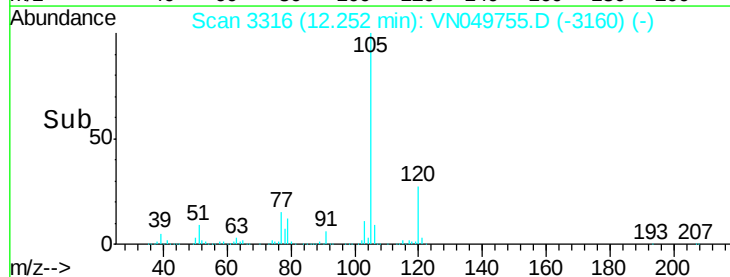
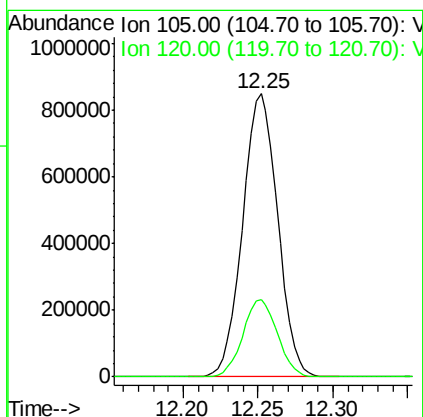
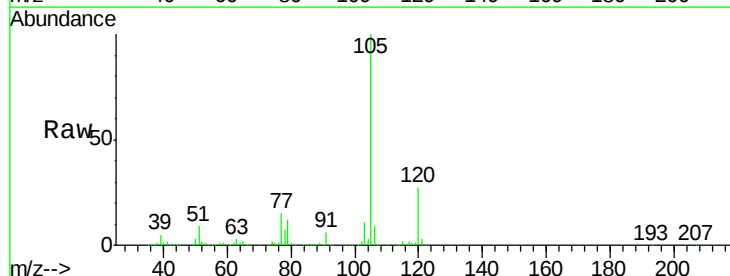
#69
Styrene
Concen: 19.302 ug/l
RT: 11.97 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

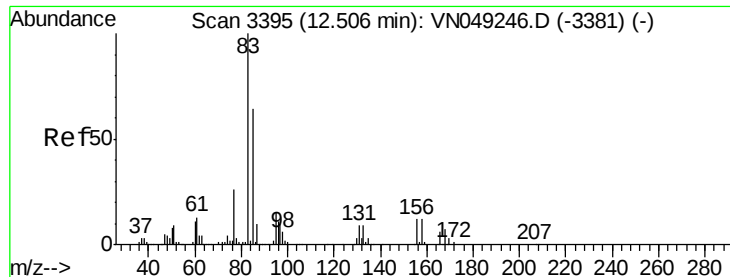
Tgt Ion:104 Resp: 828470
Ion Ratio Lower Upper
104 100
78 49.1 39.3 58.9
103 55.6 44.5 66.7



#70
Isopropylbenzene
Concen: 19.423 ug/l
RT: 12.25 min Scan# 3316
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

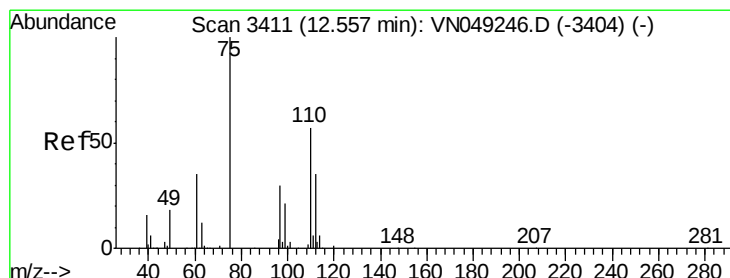
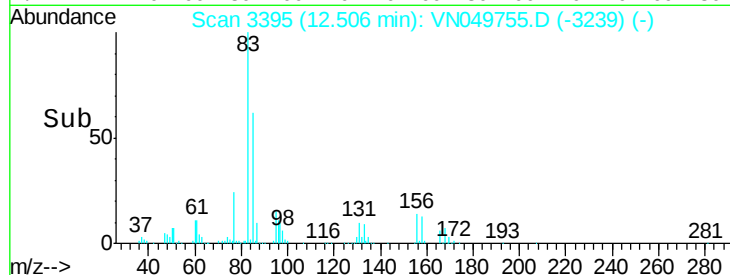
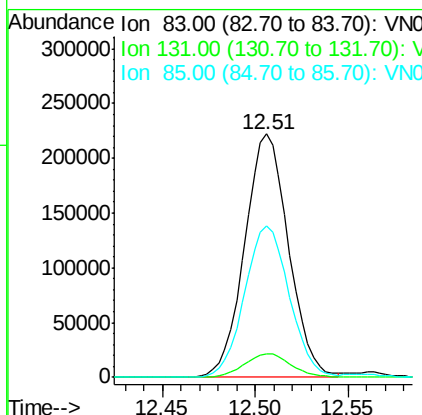
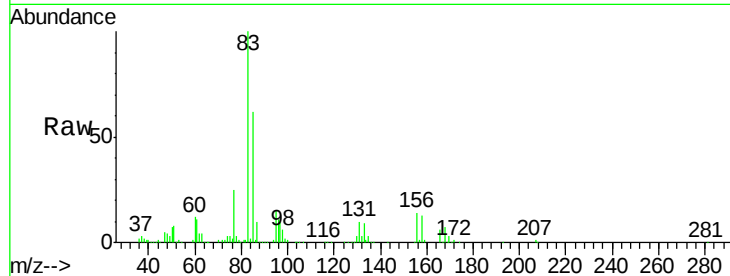
Tgt Ion:105 Resp: 1385555
Ion Ratio Lower Upper
105 100
120 27.0 18.9 35.1





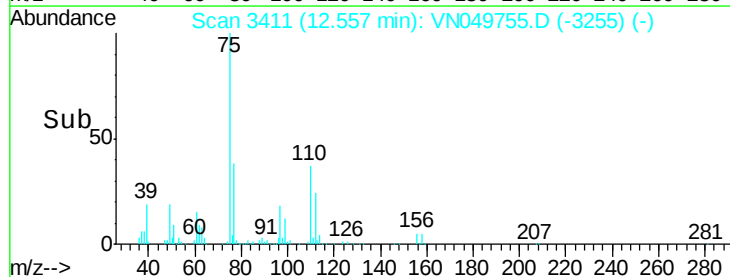
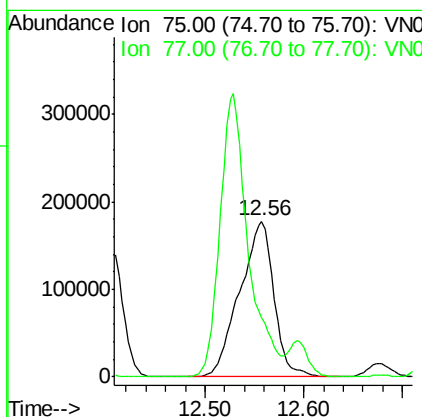
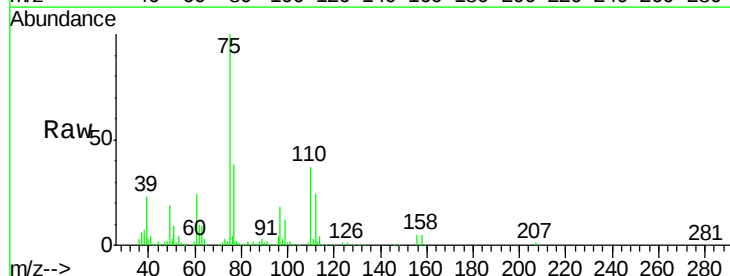
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.954 ug/l
 RT: 12.51 min Scan# 3395
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

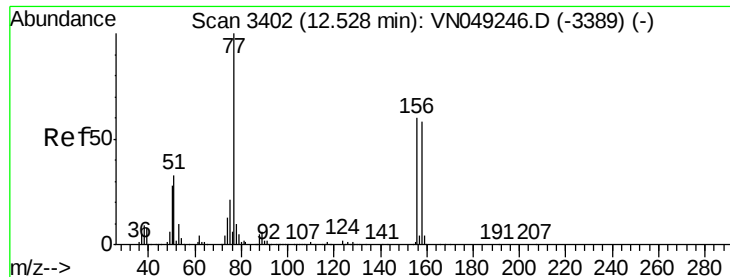
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	63.4	31.7	95.1



#72
 1,2,3-Trichloropropane
 Concen: 30.112 ug/l
 RT: 12.56 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	152.2	0.0	454.4





#73

Bromobenzene

Concen: 20.798 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN049755.D

Acq: 11 Jul 2018 10:46

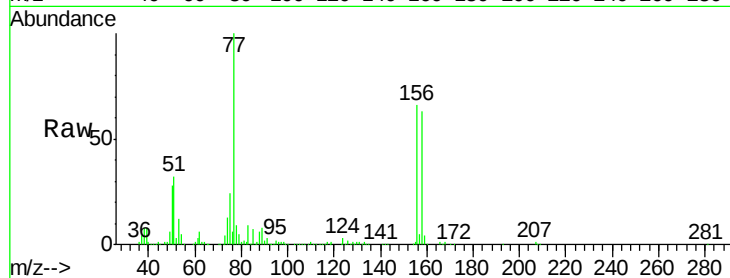
Tgt Ion: 156 Resp: 360933

Ion Ratio Lower Upper

156 100

77 179.9 0.0 359.8

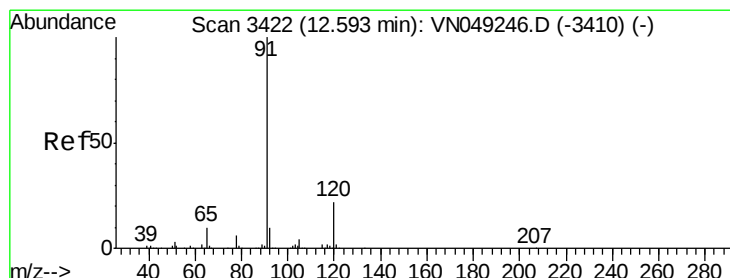
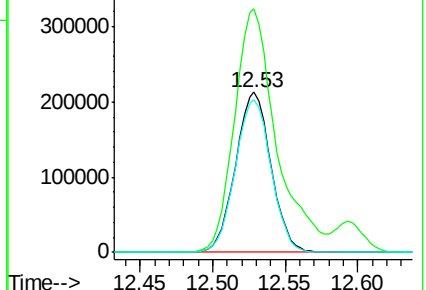
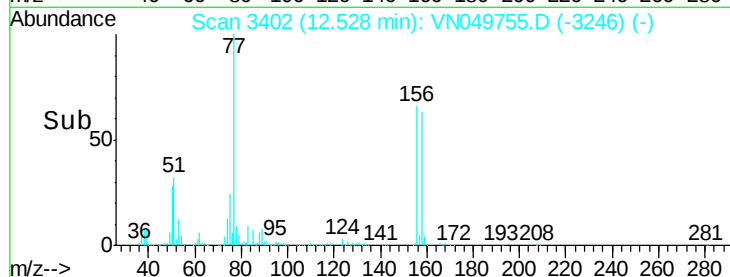
158 96.4 0.0 192.8



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.091 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049755.D

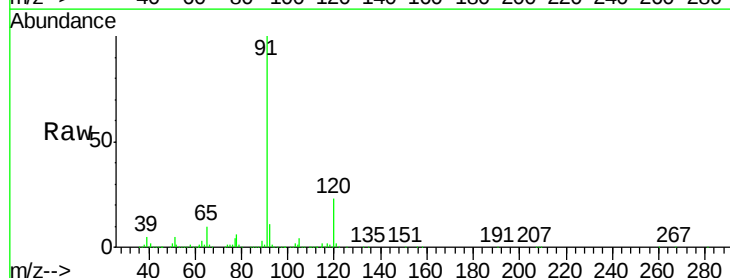
Acq: 11 Jul 2018 10:46

Tgt Ion: 91 Resp: 1577017

Ion Ratio Lower Upper

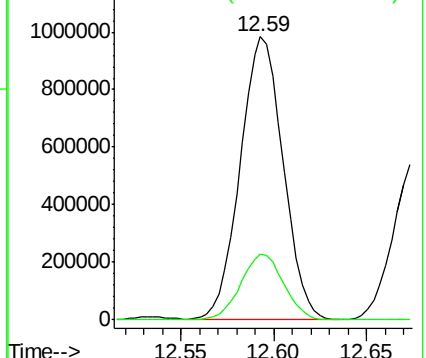
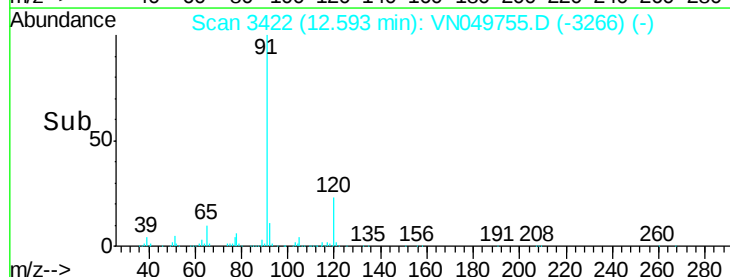
91 100

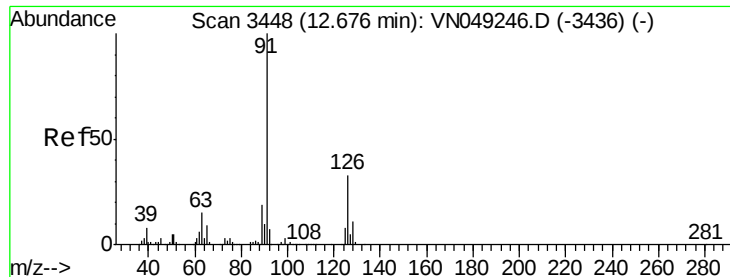
120 23.2 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.295 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049755.D

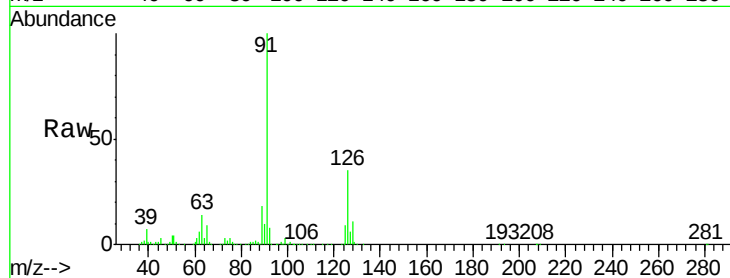
Acq: 11 Jul 2018 10:46

Tgt Ion: 91 Resp: 970397

Ion Ratio Lower Upper

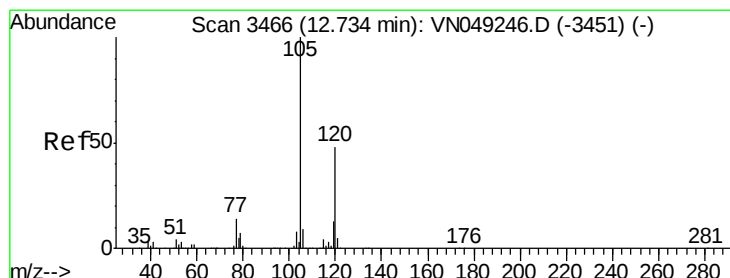
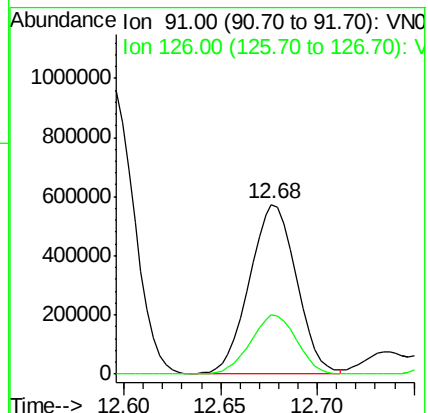
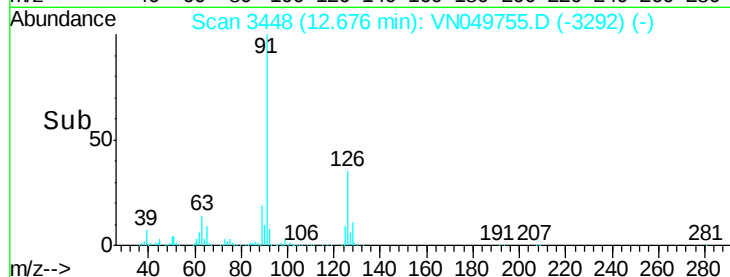
91 100

126 34.3 0.0 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN049246.D (-3436) (-)

Ion 126.00 (125.70 to 126.70): VN049246.D (-3436) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.346 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049755.D

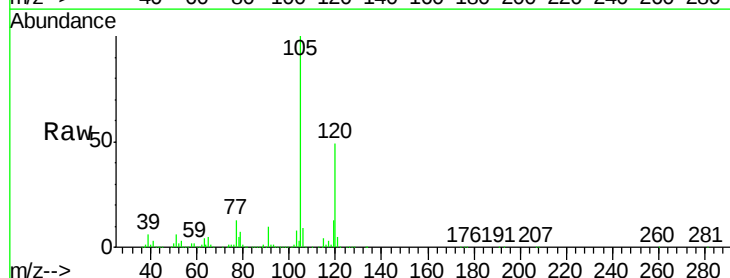
Acq: 11 Jul 2018 10:46

Tgt Ion: 105 Resp: 1120969

Ion Ratio Lower Upper

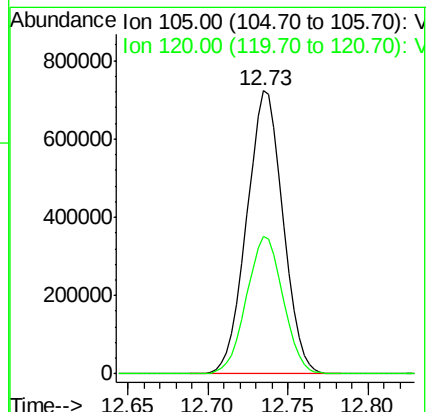
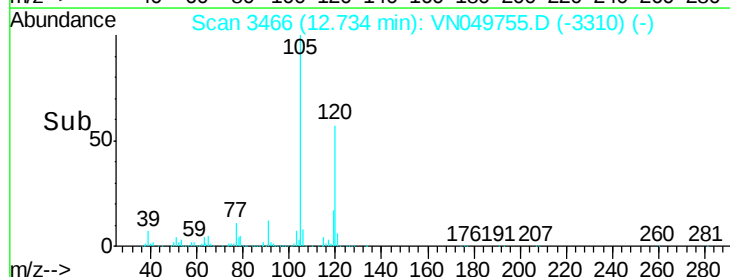
105 100

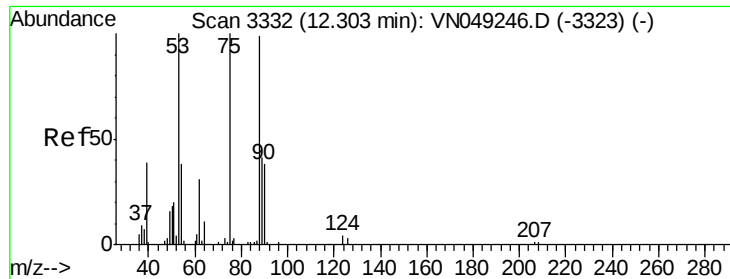
120 49.0 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): VN049246.D (-3451) (-)

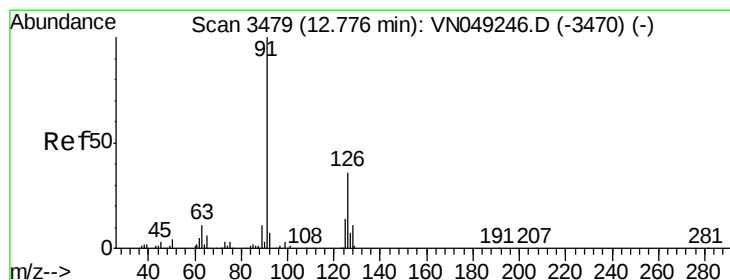
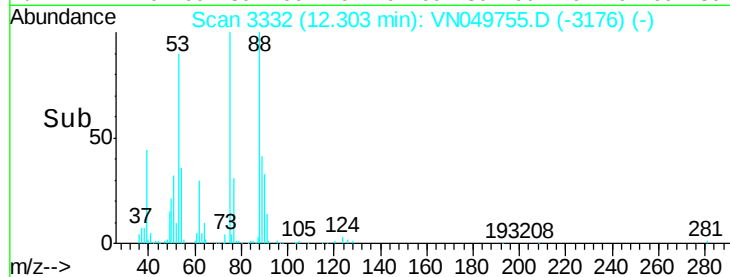
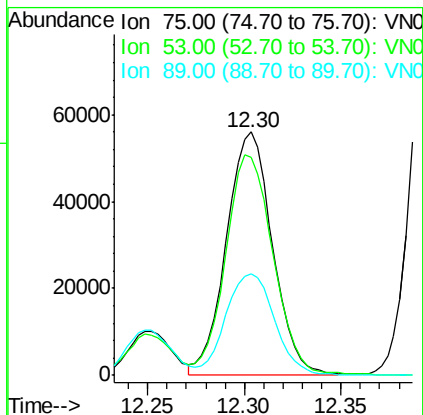
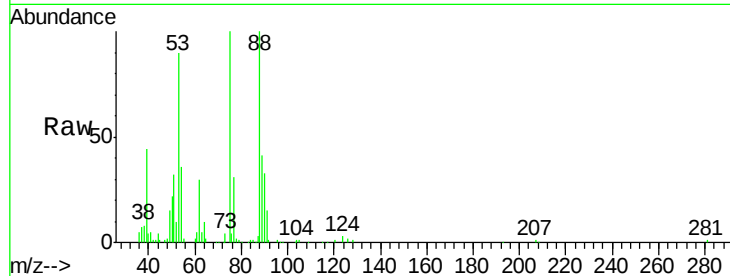
Ion 120.00 (119.70 to 120.70): VN049246.D (-3451) (-)





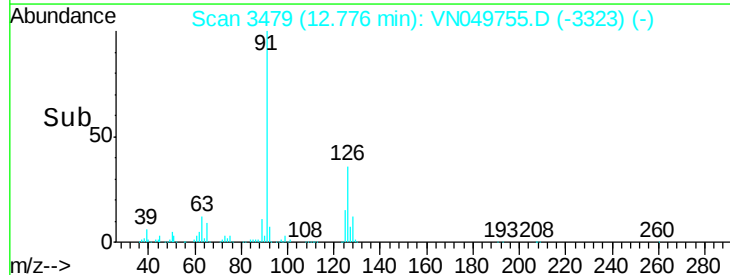
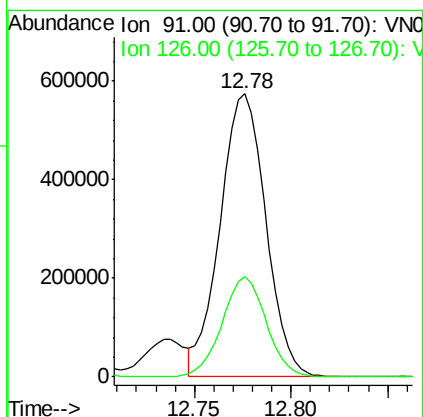
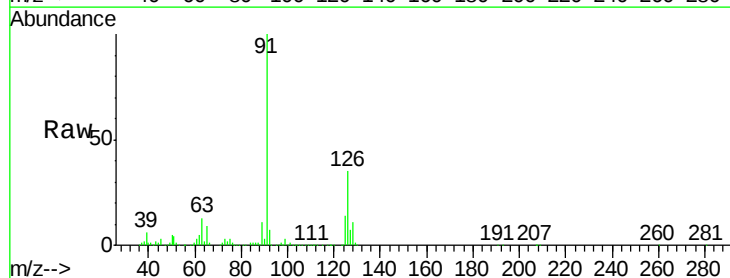
#77
t-1,4-Dichloro-2-butene
Concen: 20.201 ug/l
RT: 12.30 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

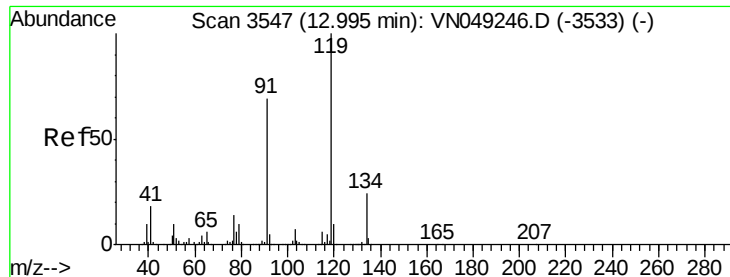
Tgt Ion: 75 Resp: 92825
Ion Ratio Lower Upper
75 100
53 89.3 44.6 134.0
89 41.4 20.7 62.1



#78
4-Chlorotoluene
Concen: 19.249 ug/l
RT: 12.78 min Scan# 3479
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

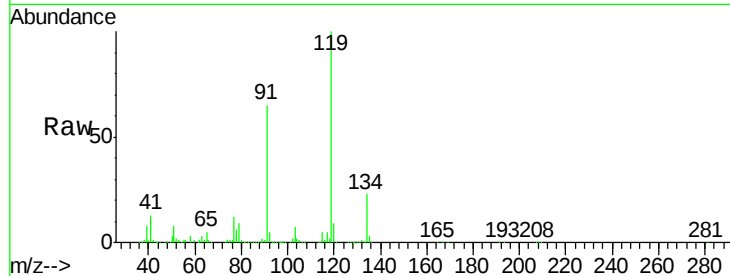
Tgt Ion: 91 Resp: 942983
Ion Ratio Lower Upper
91 100
126 34.2 0.0 68.4



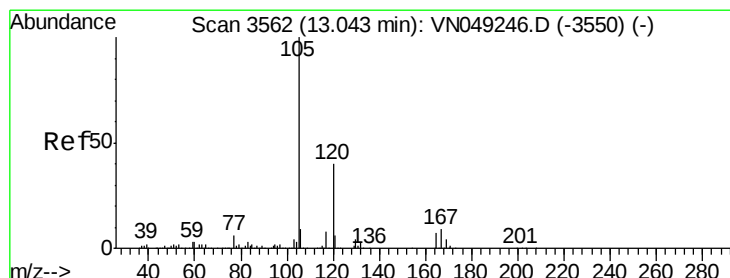
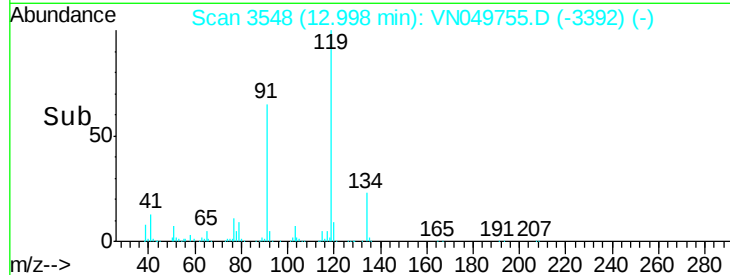
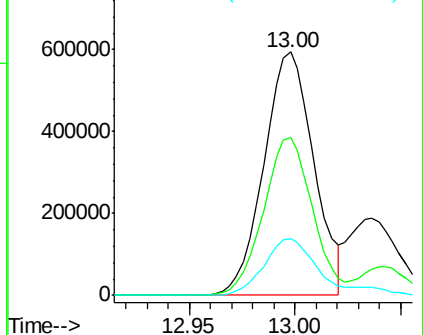


#79
tert-butylbenzene
Concen: 20.058 ug/l
RT: 13.00 min Scan# 3548
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.4	0.0	126.8
134	23.7	0.0	47.4

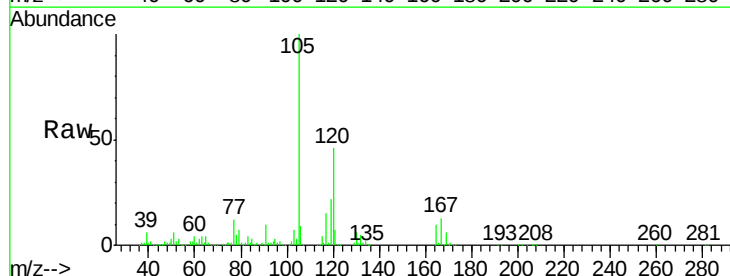


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

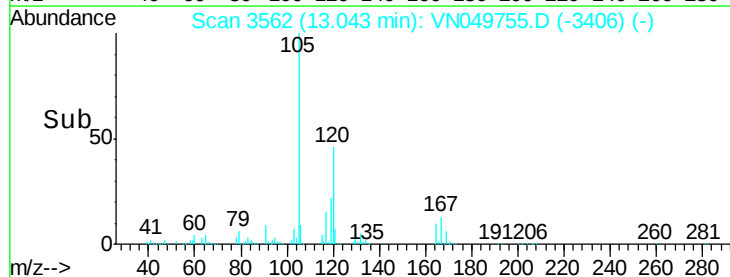
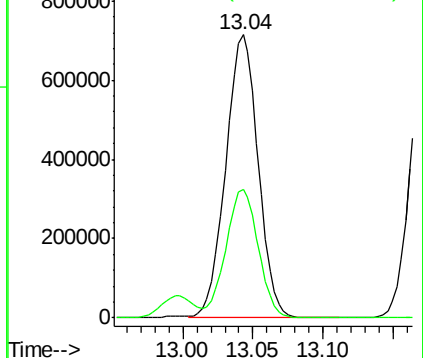


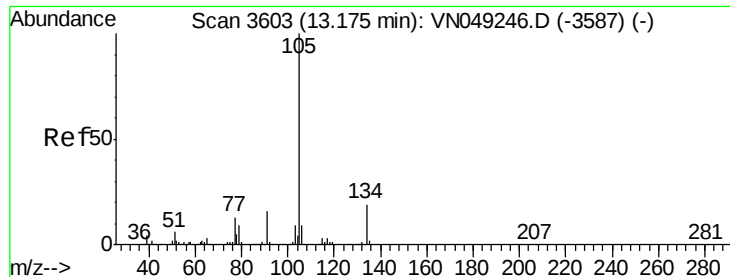
#80
1,2,4-Trimethylbenzene
Concen: 19.702 ug/l
RT: 13.04 min Scan# 3562
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	90.6



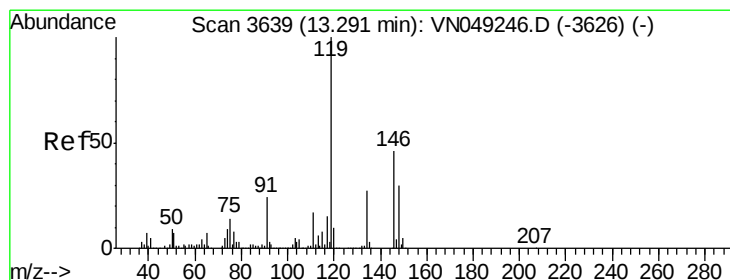
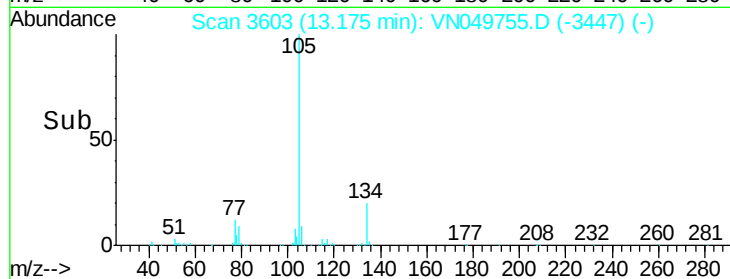
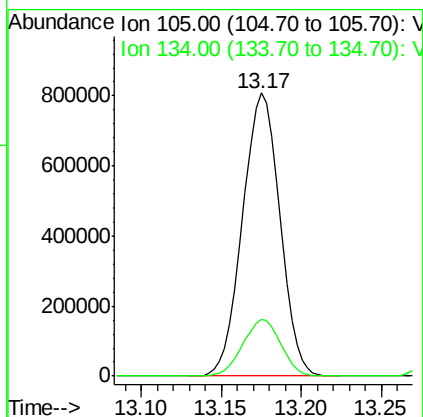
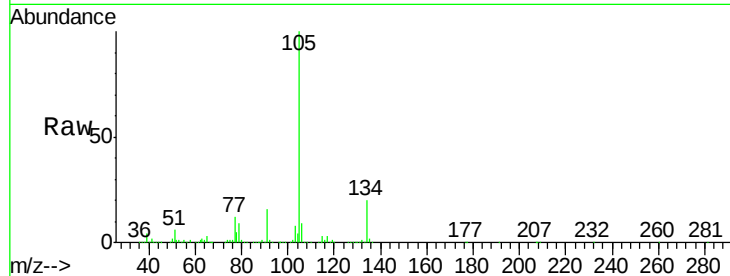
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





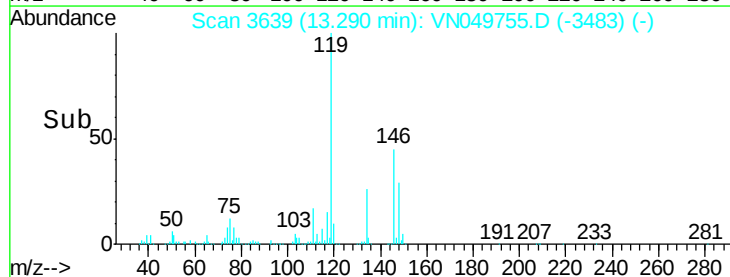
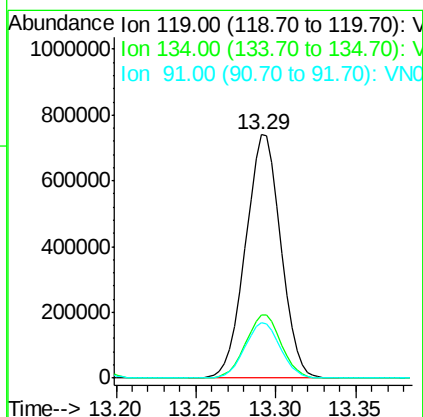
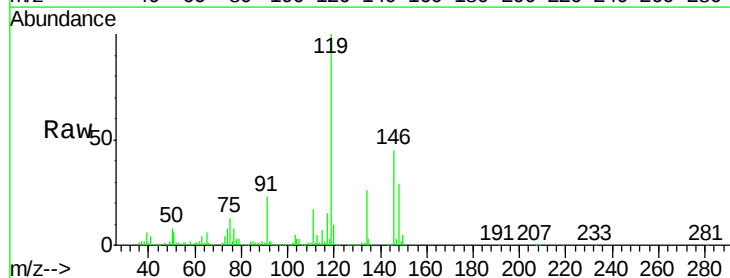
#81
 sec-Butylbenzene
 Concen: 19.484 ug/l
 RT: 13.17 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

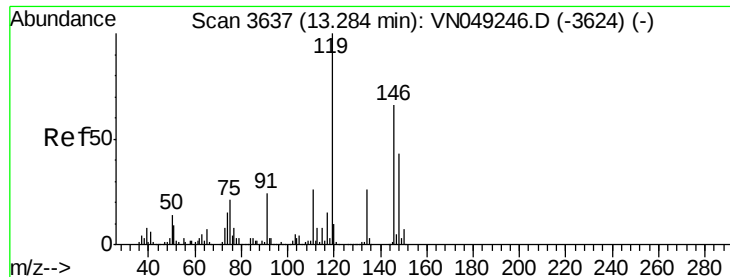
Tgt Ion:105 Resp: 1291382
 Ion Ratio Lower Upper
 105 100
 134 20.3 0.0 40.6



#82
 p-Isopropyltoluene
 Concen: 20.146 ug/l
 RT: 13.29 min Scan# 3639
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

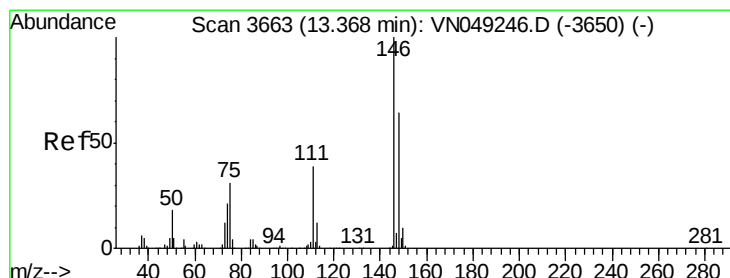
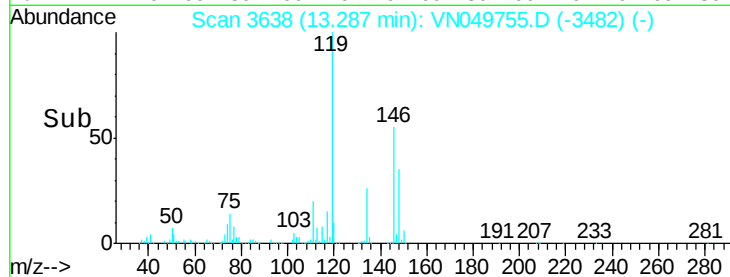
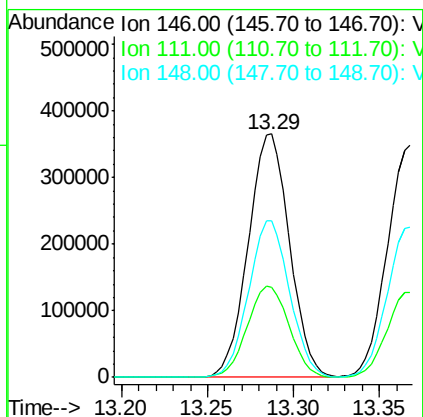
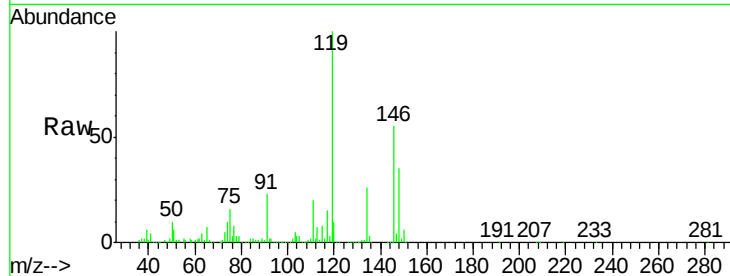
Tgt Ion:119 Resp: 1115240
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 52.2
 91 22.8 0.0 45.6





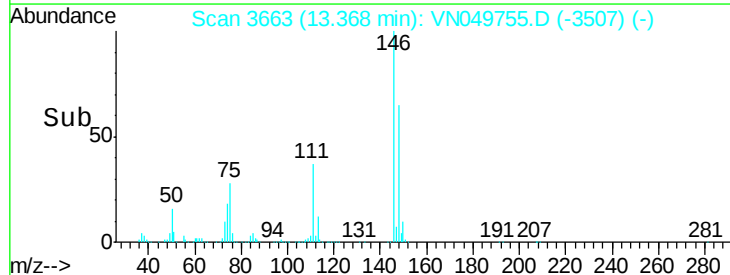
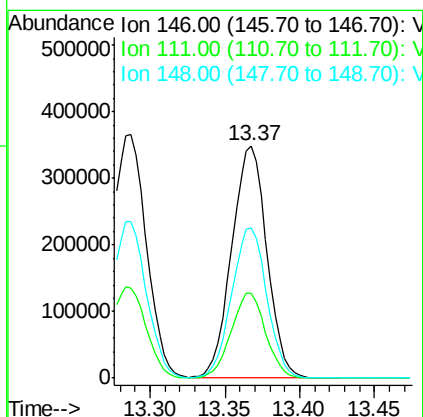
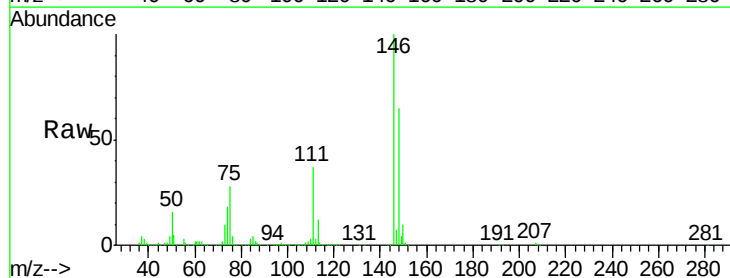
#83
 1,3-Dichlorobenzene
 Concen: 20.634 ug/l
 RT: 13.29 min Scan# 3638
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

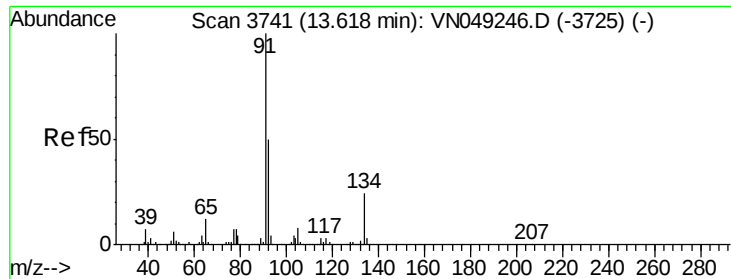
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.1
148	63.9	31.9	95.9



#84
 1,4-Dichlorobenzene
 Concen: 20.570 ug/l
 RT: 13.37 min Scan# 3663
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

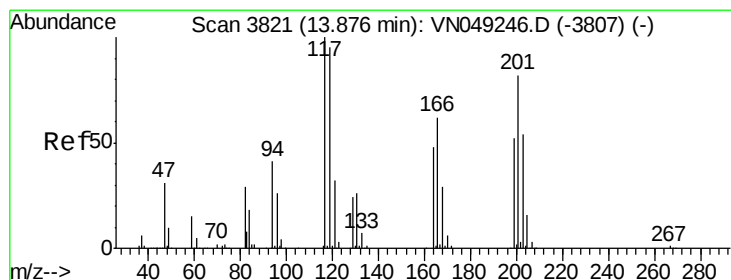
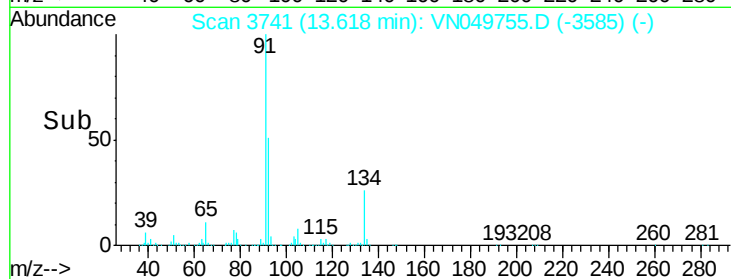
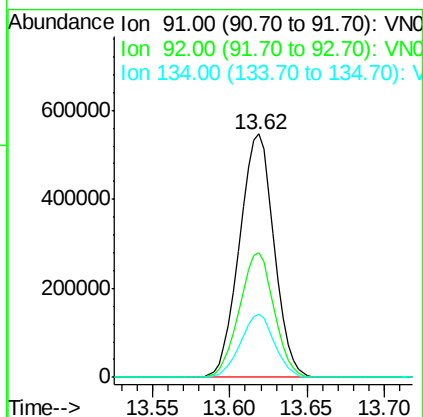
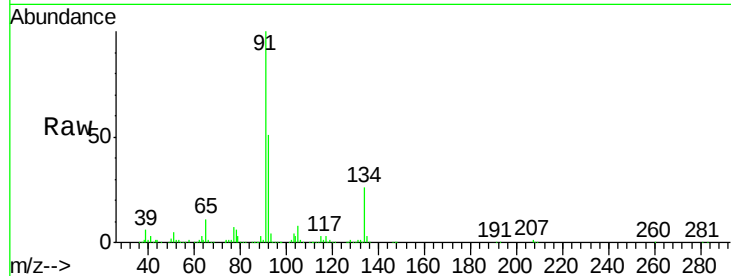
Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	17.9	53.8
148	64.7	32.4	97.0





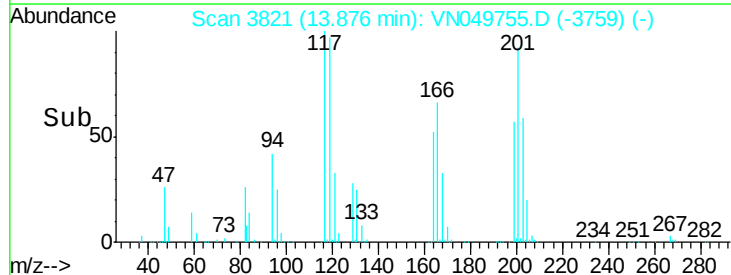
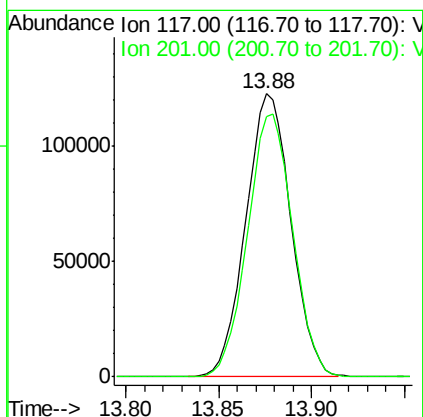
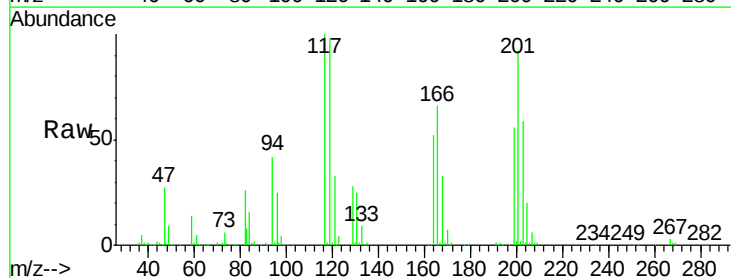
#85
n-Butylbenzene
Concen: 19.246 ug/l
RT: 13.62 min Scan# 3741
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

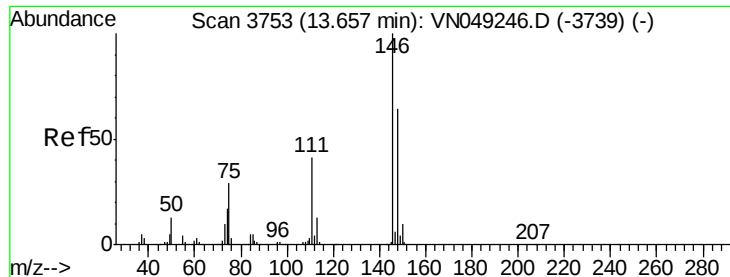
Tgt Ion: 91 Resp: 849588
Ion Ratio Lower Upper
91 100
92 51.4 0.0 102.8
134 25.5 0.0 51.0



#86
Hexachloroethane
Concen: 18.407 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

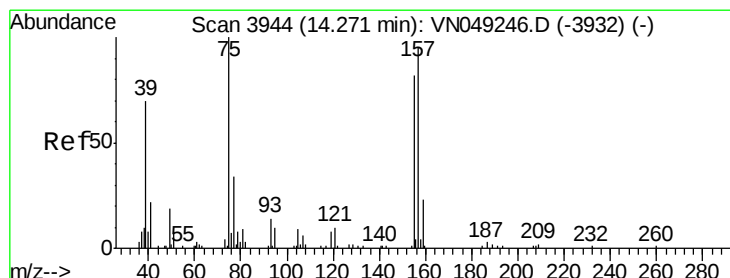
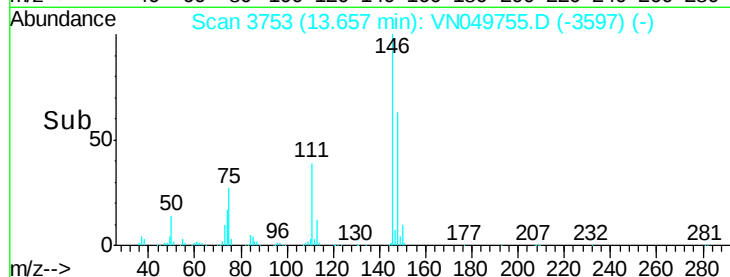
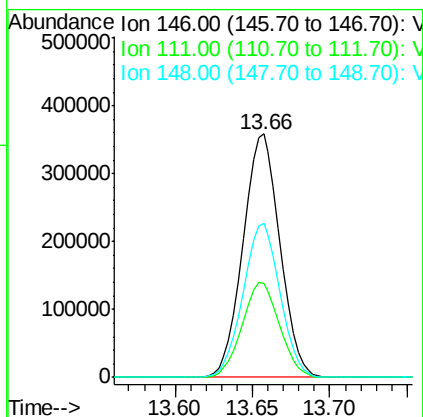
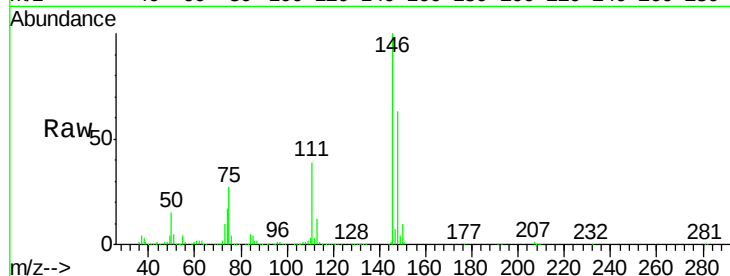
Tgt Ion: 117 Resp: 207971
Ion Ratio Lower Upper
117 100
201 93.1 46.6 139.7





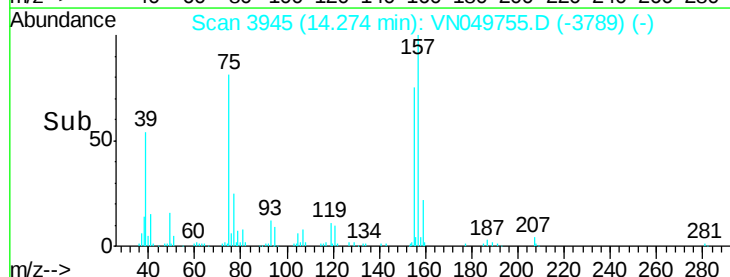
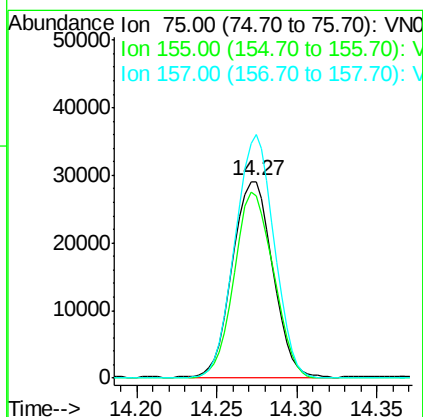
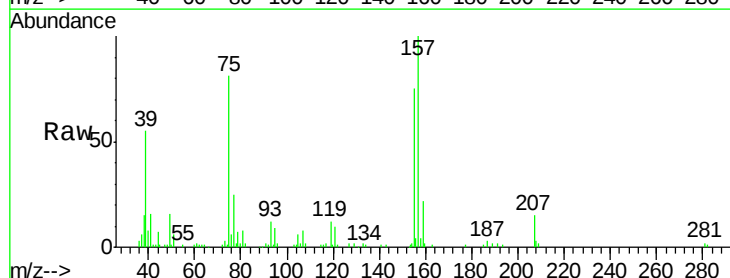
#87
 1,2-Dichlorobenzene
 Concen: 20.857 ug/l
 RT: 13.66 min Scan# 3753
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

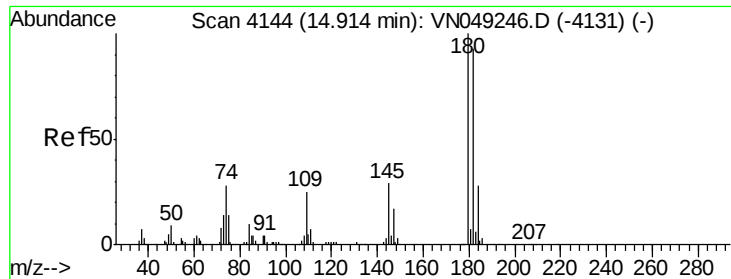
Tgt Ion:	146	Resp:	595389
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.8	59.3
148	63.5	31.8	95.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.919 ug/l
 RT: 14.27 min Scan# 3945
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

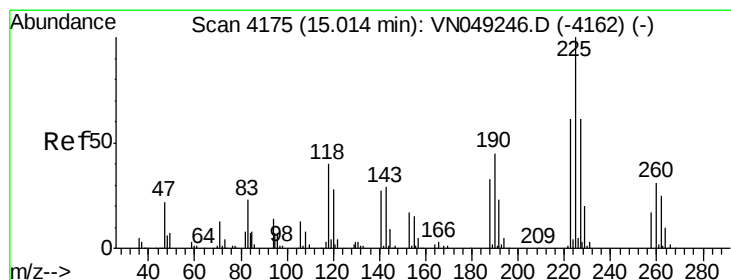
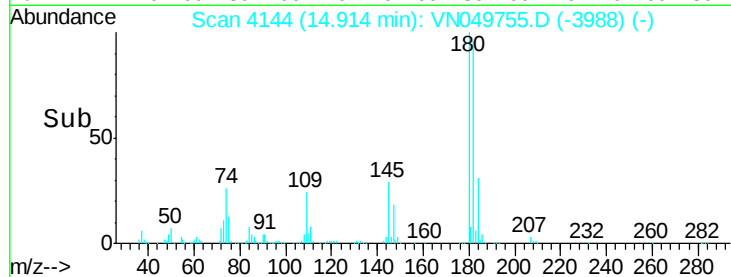
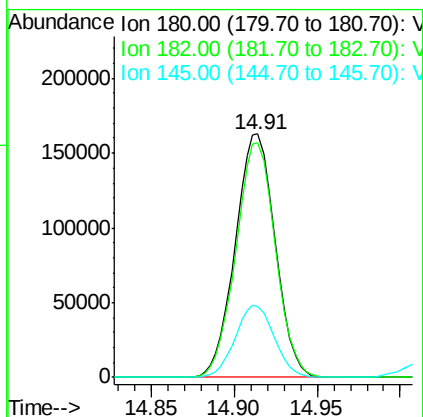
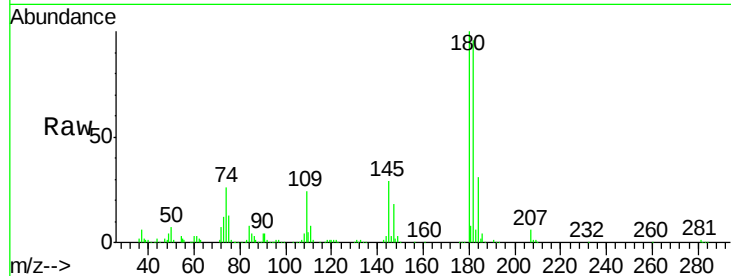
Tgt Ion:	75	Resp:	50564
Ion	Ratio	Lower	Upper
75	100		
155	91.3	73.0	109.6
157	118.6	94.9	142.3





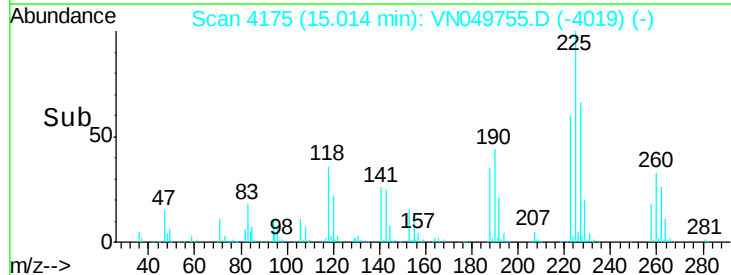
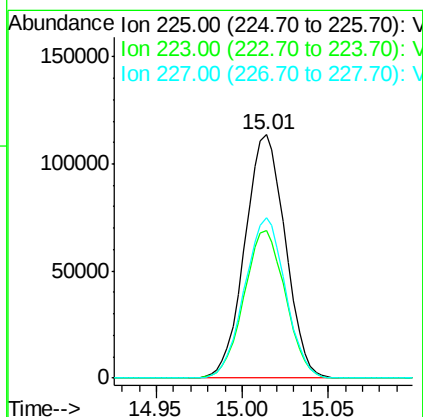
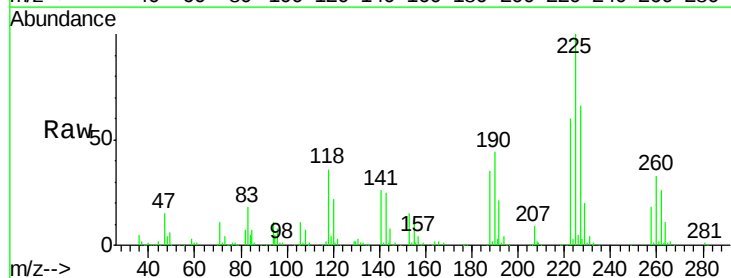
#89
 1,2,4-Trichlorobenzene
 Concen: 22.401 ug/l
 RT: 14.91 min Scan# 4144
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

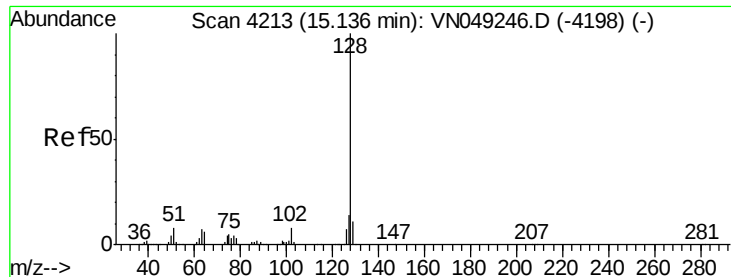
Tgt Ion:180 Resp: 271670
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.7 115.1
 145 29.2 23.4 35.0



#90
 Hexachlorobutadiene
 Concen: 22.206 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049755.D
 Acq: 11 Jul 2018 10:46

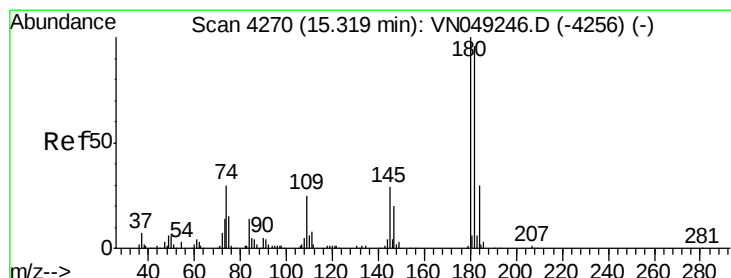
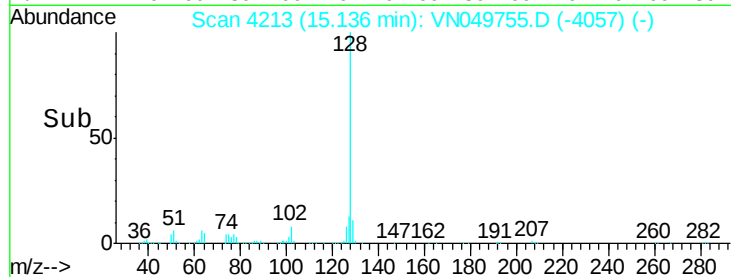
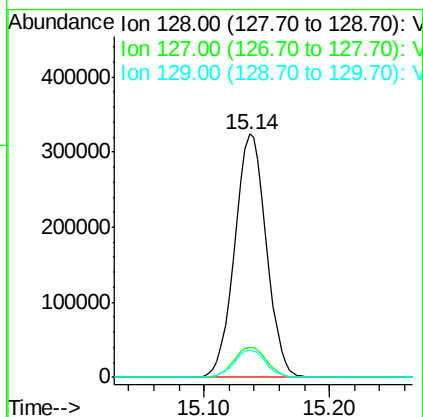
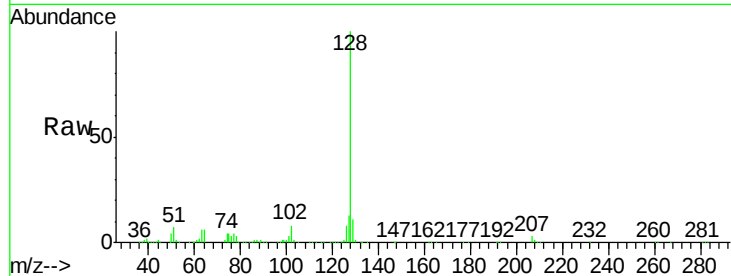
Tgt Ion:225 Resp: 185222
 Ion Ratio Lower Upper
 225 100
 223 62.2 0.0 124.4
 227 66.5 0.0 133.0





#91
Naphthalene
Concen: 21.425 ug/l
RT: 15.14 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.2	9.0	13.4



#92
1,2,3-Trichlorobenzene
Concen: 23.179 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049755.D
Acq: 11 Jul 2018 10:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	188.8
145	30.4	0.0	60.8

