

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064938.D
 Acq On : 7 Dec 2020 12:23
 Operator : JC/MD
 Sample : VN1207WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 08 07:13:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	196670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	304489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	272189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	130885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	112395	49.16	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.32%
35) Dibromofluoromethane	7.55	113	96253	52.83	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.66%
50) Toluene-d8	10.06	98	365477	49.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.18%
62) 4-Bromofluorobenzene	12.37	95	129606	48.65	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	25717	15.088	ug/l 99
3) Chloromethane	2.04	50	34160	15.422	ug/l 98
4) Vinyl Chloride	2.17	62	36579	15.840	ug/l 98
5) Bromomethane	2.53	94	24397	16.103	ug/l 98
6) Chloroethane	2.68	64	24184	16.932	ug/l 99
7) Trichlorofluoromethane	2.99	101	53847	16.868	ug/l 93
8) Diethyl Ether	3.37	74	23230	18.436	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	34588	18.062	ug/l 98
10) Methyl Iodide	3.90	142	36754	14.797	ug/l 98
11) Tert butyl alcohol	4.74	59	28636	80.309	ug/l 99
12) 1,1-Dichloroethene	3.69	96	32824	17.211	ug/l 99
13) Acrolein	3.56	56	18120	83.195	ug/l 99
14) Allyl chloride	4.27	41	53048	16.865	ug/l 98
15) Acrylonitrile	4.93	53	85088	86.380	ug/l 99
16) Acetone	3.78	43	71036	94.512	ug/l 99
17) Carbon Disulfide	4.01	76	77836	15.811	ug/l 98
18) Methyl Acetate	4.28	43	40030	17.714	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	111941	18.301	ug/l 98
20) Methylene Chloride	4.51	84	40628	17.250	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	35215	16.628	ug/l 97
22) Diisopropyl ether	5.90	45	118135	18.764	ug/l 98
23) Vinyl Acetate	5.84	43	452899	89.956	ug/l 99
24) 1,1-Dichloroethane	5.79	63	68499	18.205	ug/l 99
25) 2-Butanone	6.79	43	106623	87.511	ug/l 98
26) 2,2-Dichloropropane	6.77	77	57178	17.521	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	42236	17.723	ug/l 99
28) Bromochloromethane	7.15	49	30387	17.653	ug/l 94
29) Tetrahydrofuran	7.17	42	69376	82.487	ug/l 99
30) Chloroform	7.33	83	71297	18.375	ug/l 98
31) Cyclohexane	7.61	56	52783	16.563	ug/l 97
32) 1,1,1-Trichloroethane	7.53	97	59613	17.888	ug/l 98
36) 1,1-Dichloropropene	7.75	75	49808	17.648	ug/l 98
37) Ethyl Acetate	6.88	43	45010	16.556	ug/l 98
38) Carbon Tetrachloride	7.73	117	51066	17.389	ug/l 97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	47782	15.727	ug/l	98
40) Benzene	8.00	78	153555	17.755	ug/l	97
41) Methacrylonitrile	7.13	41	21581	17.204	ug/l	94
42) 1,2-Dichloroethane	8.08	62	52439	17.974	ug/l	100
43) Isopropyl Acetate	8.13	43	75616	17.285	ug/l	99
44) Trichloroethene	8.80	130	44568	17.466	ug/l	91
45) 1,2-Dichloropropane	9.08	63	41535	18.545	ug/l	99
46) Dibromomethane	9.17	93	27072	18.093	ug/l	98
47) Bromodichloromethane	9.37	83	53292	17.701	ug/l	99
48) Methyl methacrylate	9.16	41	34559	16.533	ug/l	95
49) 1,4-Dioxane	9.17	88	12747	322.642	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	228093	86.850	ug/l	99
52) Toluene	10.12	92	96355	18.091	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	59872	17.855	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	65107	18.114	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	40287	18.395	ug/l	98
56) Ethyl methacrylate	10.40	69	53545	17.716	ug/l	98
57) 1,3-Dichloropropane	10.68	76	66951	18.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	152213	91.557	ug/l	100
59) 2-Hexanone	10.72	43	161982	85.700	ug/l	98
60) Dibromochloromethane	10.87	129	44553	18.300	ug/l	100
61) 1,2-Dibromoethane	10.97	107	39230	17.630	ug/l	98
64) Tetrachloroethene	10.60	164	44732	16.892	ug/l	96
65) Chlorobenzene	11.40	112	107872	18.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	41343	19.246	ug/l	100
67) Ethyl Benzene	11.48	91	174234	17.843	ug/l	98
68) m/p-Xylenes	11.59	106	138158	37.370	ug/l	98
69) o-Xylene	11.92	106	64532	18.394	ug/l	98
70) Styrene	11.94	104	109944	18.564	ug/l	99
71) Bromoform	12.10	173	31252	18.215	ug/l #	96
73) Isopropylbenzene	12.22	105	172690	18.969	ug/l	100
74) N-amyl acetate	12.05	43	61942	17.289	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	51316	19.231	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	70375	24.967	ug/l #	100
77) Bromobenzene	12.50	156	44781	18.245	ug/l	99
78) n-propylbenzene	12.56	91	189970	18.317	ug/l	99
79) 2-Chlorotoluene	12.65	91	115791	18.062	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	142796	18.870	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	16662	16.201	ug/l	94
82) 4-Chlorotoluene	12.75	91	122488	18.228	ug/l	99
83) tert-Butylbenzene	12.97	119	119058	18.771	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	142108	18.574	ug/l	97
85) sec-Butylbenzene	13.14	105	153342	18.208	ug/l	99
86) p-Isopropyltoluene	13.26	119	140470	18.321	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	79543	18.241	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	79775	17.299	ug/l	98
89) n-Butylbenzene	13.59	91	113002	16.783	ug/l	99
90) Hexachloroethane	13.85	117	24053	18.059	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	79130	18.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	9859	16.420	ug/l	96

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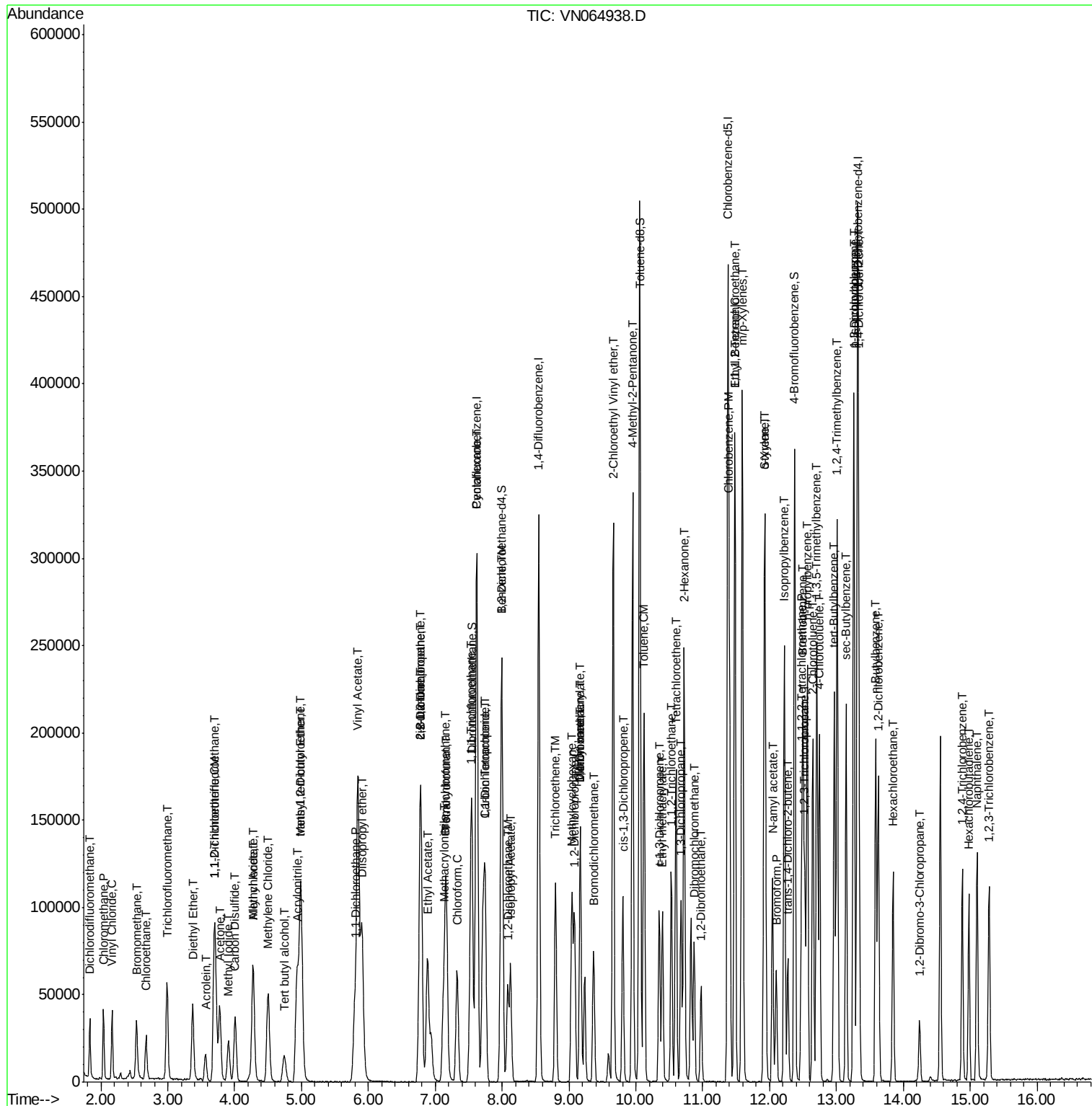
Quant Time: Dec 08 07:13:47 2020
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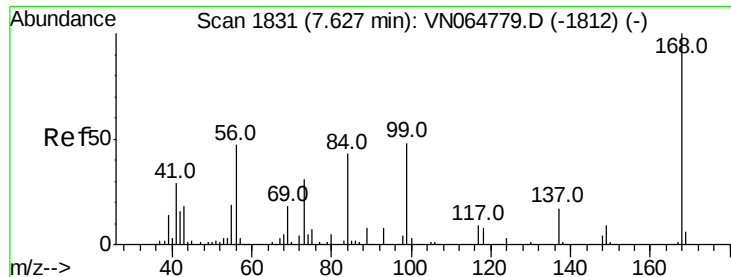
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40912	15.446	ug/l	99
94) Hexachlorobutadiene	14.98	225	20957	17.812	ug/l	96
95) Naphthalene	15.10	128	116949	14.738	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39217	16.538	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064938.D

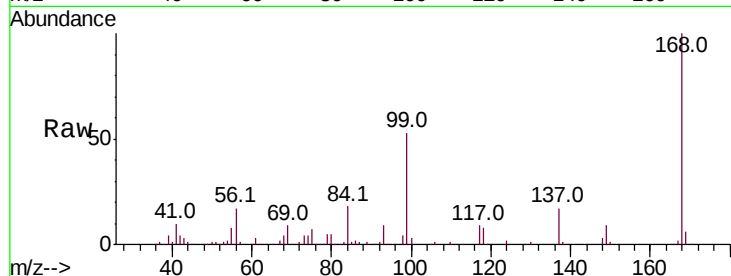
Acq: 7 Dec 2020 12:23

Tot Ion:168 Resp: 196670

Ion Ratio Lower Upper

168 100

99 52.6 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064779.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064779.D (-1812) (-)

7.62

80000

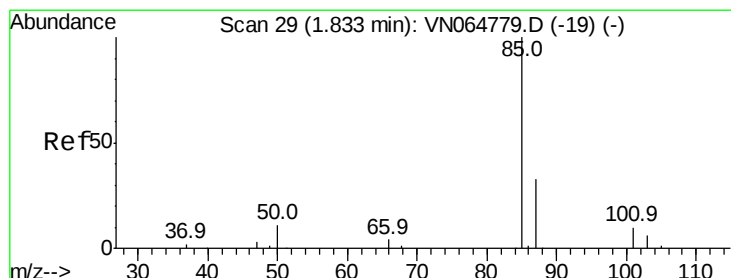
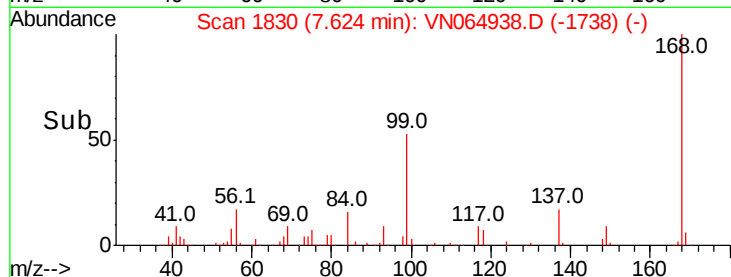
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 15.088 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064938.D

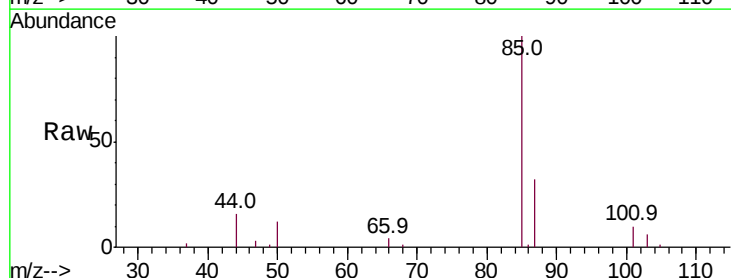
Acq: 7 Dec 2020 12:23

Tgt Ion: 85 Resp: 25717

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN064779.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VN064779.D (-19) (-)

1.83

20000

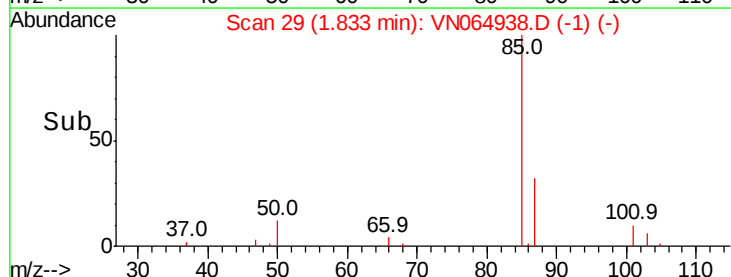
15000

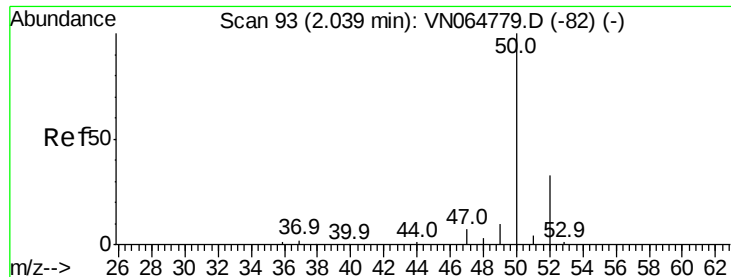
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 15.422 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064938.D

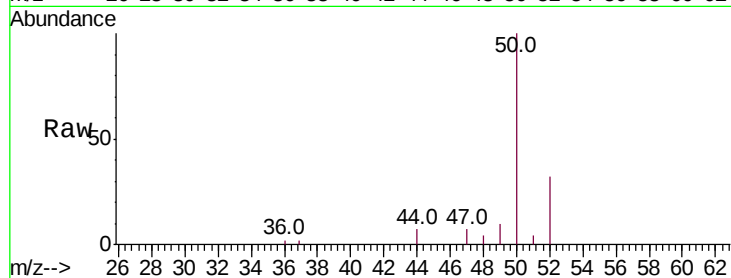
Acq: 7 Dec 2020 12:23

Tot Ion: 50 Resp: 34160

Ion Ratio Lower Upper

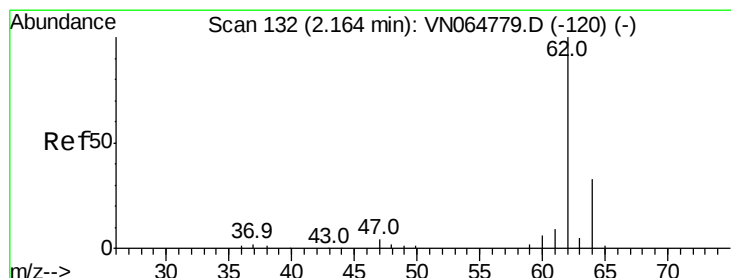
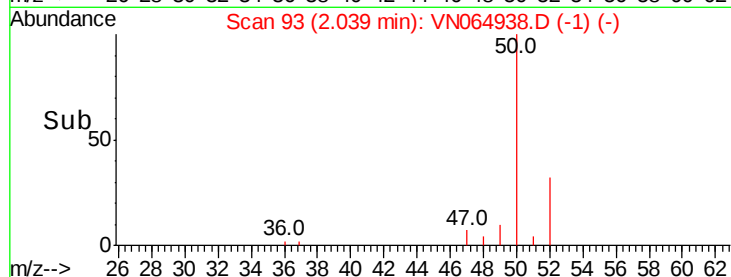
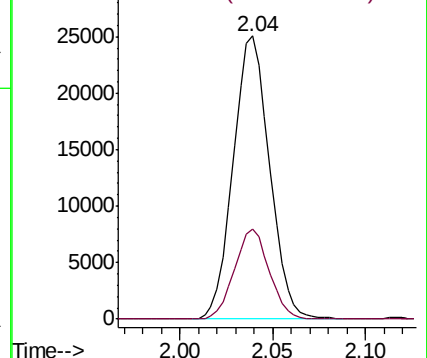
50 100

52 31.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 15.840 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064938.D

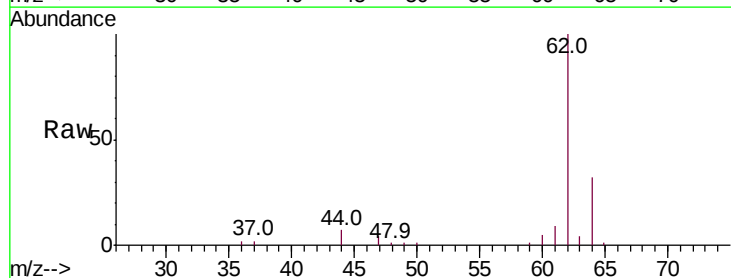
Acq: 7 Dec 2020 12:23

Tgt Ion: 62 Resp: 36579

Ion Ratio Lower Upper

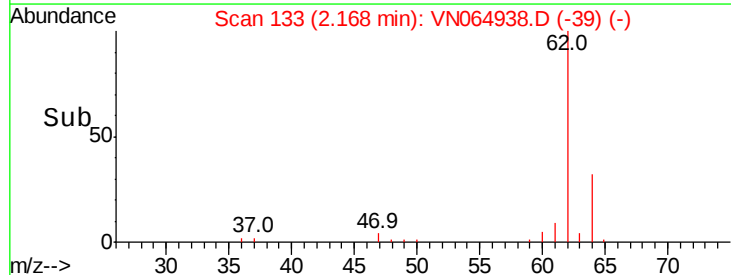
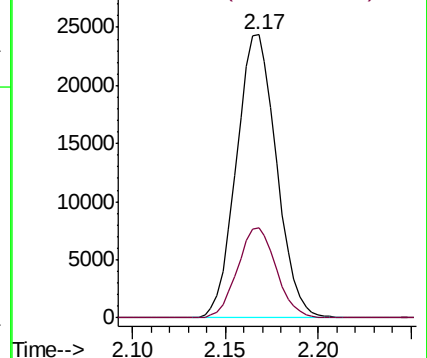
62 100

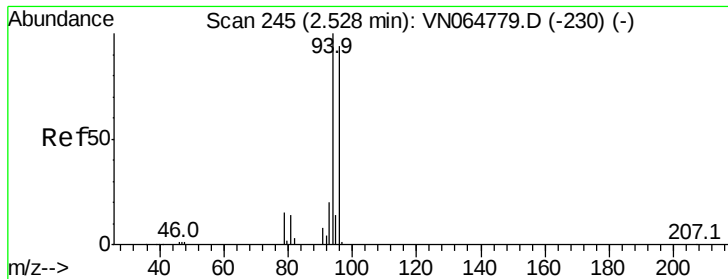
64 32.0 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 16.103 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064938.D

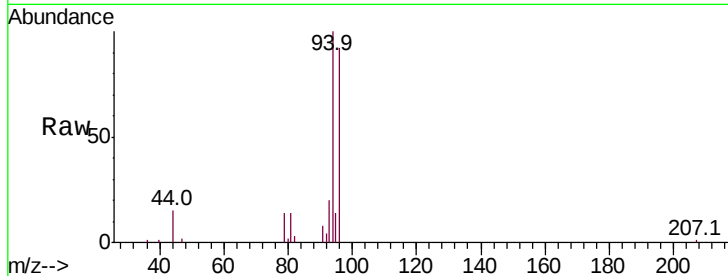
Acq: 7 Dec 2020 12:23

Tot Ion: 94 Resp: 24397

Ion Ratio Lower Upper

94 100

96 92.2 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VN064938.D (-246) (-)

Ion 95.90 (95.60 to 96.60): VN064938.D (-246) (-)

2.53

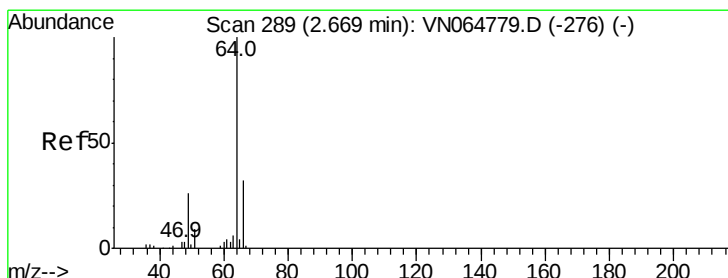
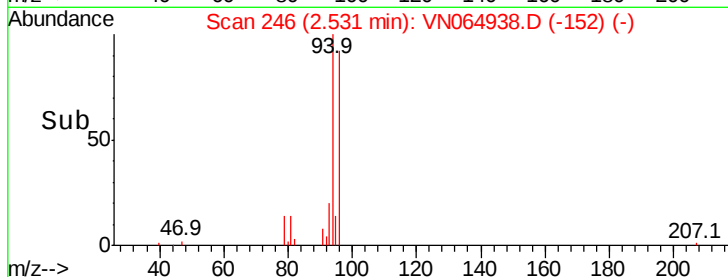
10000

5000

0

Time-->

2.50 2.55 2.60



#6

Chloroethane

Concen: 16.932 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064938.D

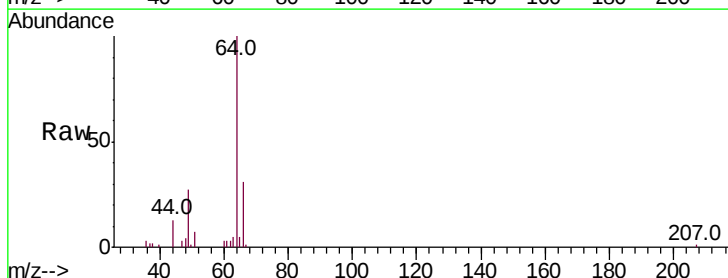
Acq: 7 Dec 2020 12:23

Tgt Ion: 64 Resp: 24184

Ion Ratio Lower Upper

64 100

66 31.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN064938.D (-291) (-)

Ion 65.90 (65.60 to 66.60): VN064938.D (-291) (-)

2.68

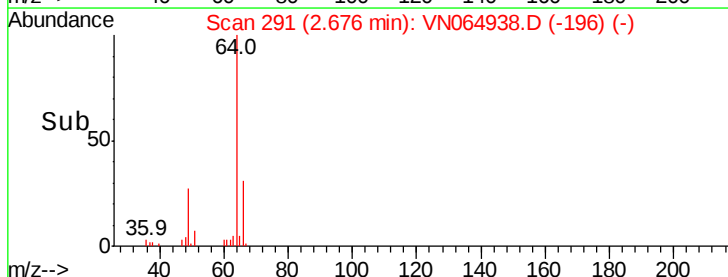
10000

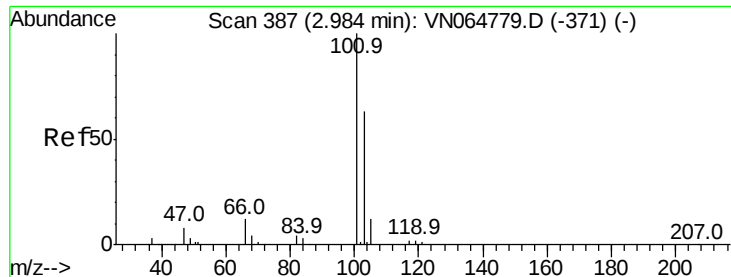
5000

0

Time-->

2.60 2.65 2.70 2.75





#7

Trichlorofluoromethane

Concen: 16.868 ug/l

RT: 2.99 min Scan# 388

Delta R.T. 0.00 min

Lab File: VN064938.D

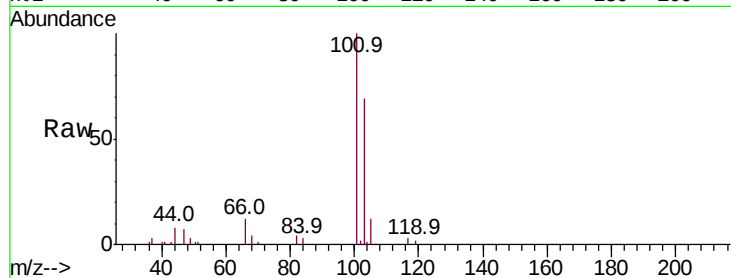
Acq: 7 Dec 2020 12:23

Tot Ion:101 Resp: 53847

Ion Ratio Lower Upper

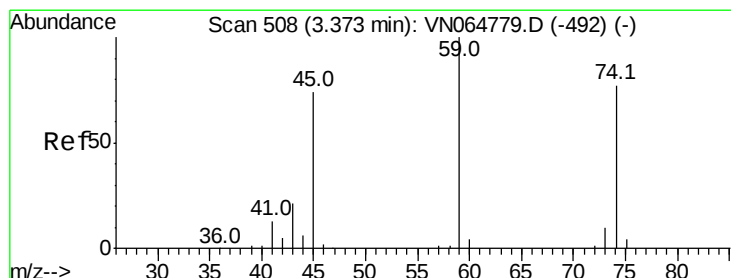
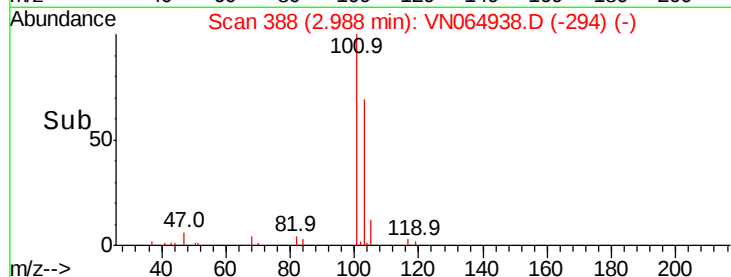
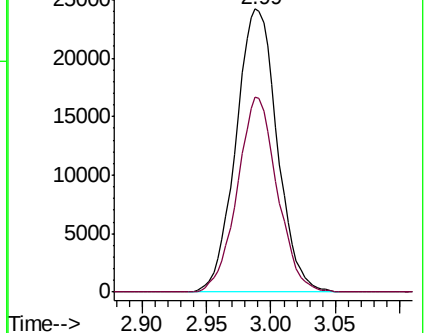
101 100

103 68.8 50.5 75.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.436 ug/l

RT: 3.37 min Scan# 508

Delta R.T. 0.00 min

Lab File: VN064938.D

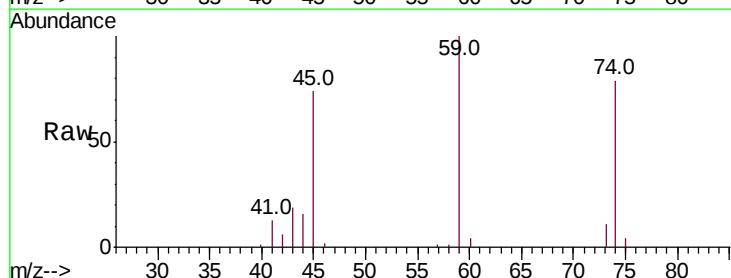
Acq: 7 Dec 2020 12:23

Tgt Ion: 74 Resp: 23230

Ion Ratio Lower Upper

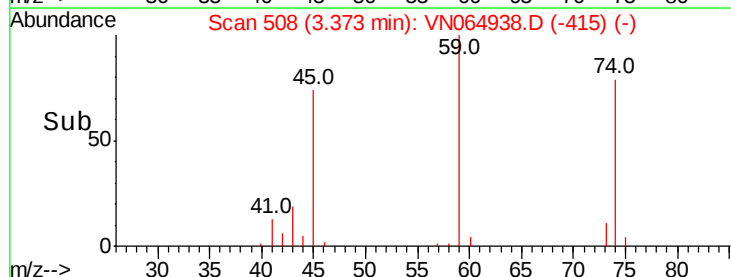
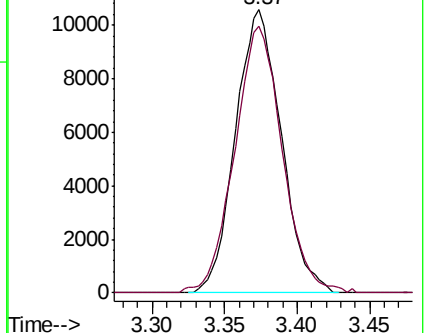
74 100

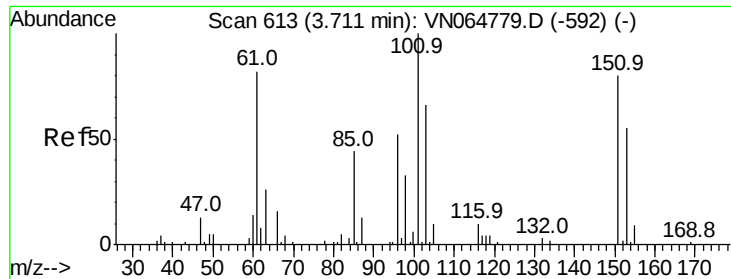
45 97.9 48.9 146.8



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.062 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

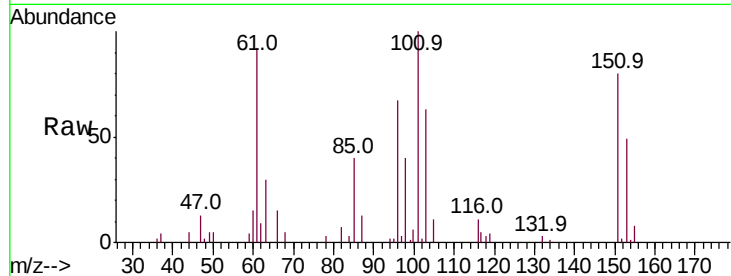
Tot Ion:101 Resp: 34588

Ion Ratio Lower Upper

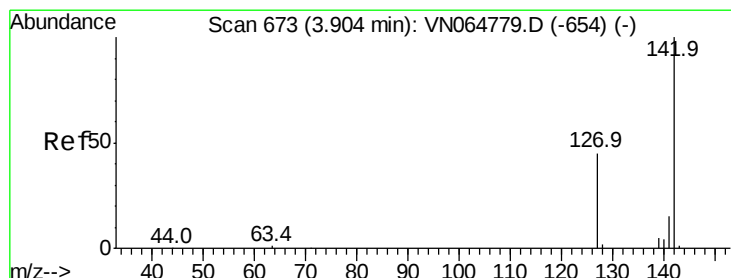
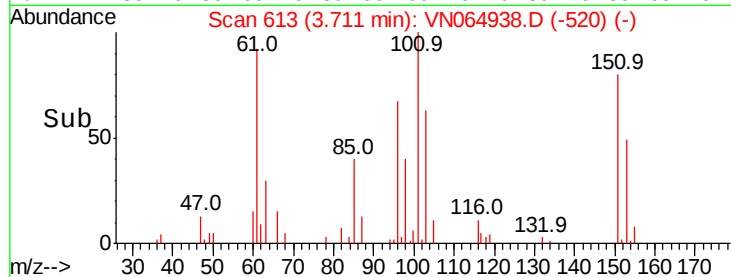
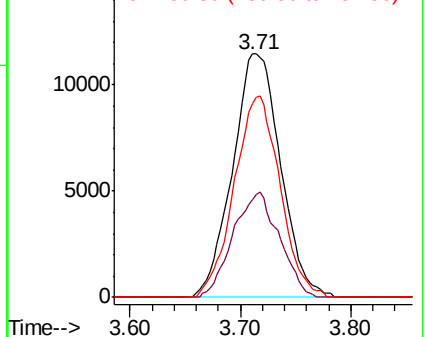
101 100

85 41.7 34.4 51.6

151 78.8 64.0 96.0



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



#10

Methyl Iodide

Concen: 14.797 ug/l

RT: 3.90 min Scan# 673

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

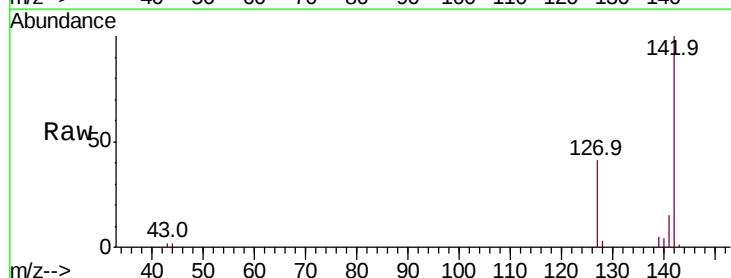
Tgt Ion:142 Resp: 36754

Ion Ratio Lower Upper

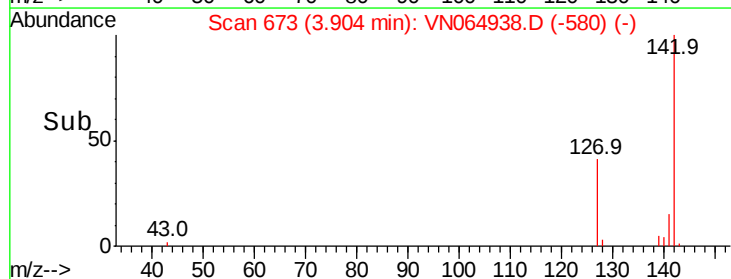
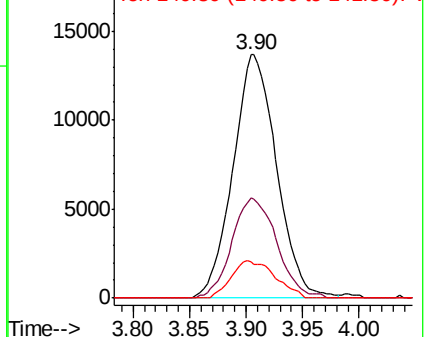
142 100

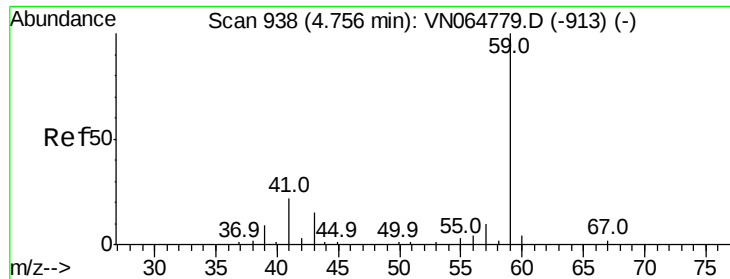
127 42.2 35.0 52.6

141 15.4 11.8 17.6



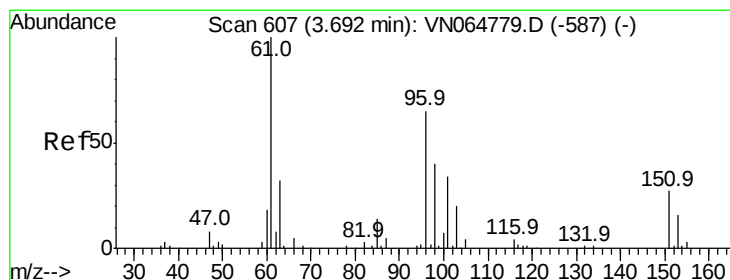
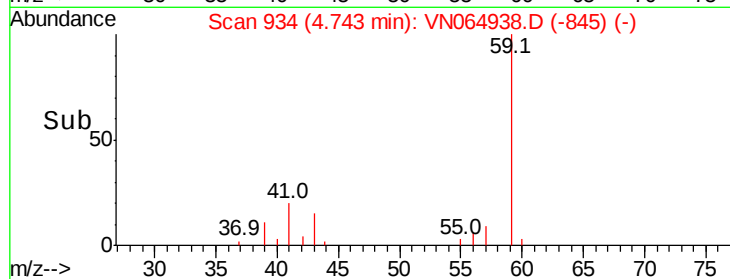
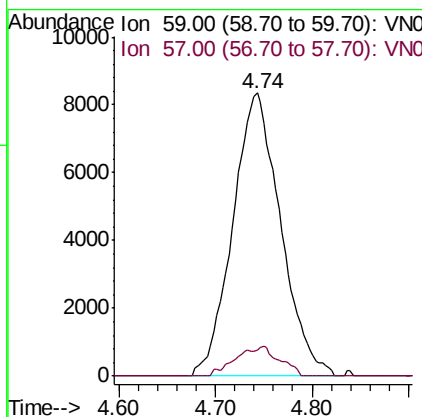
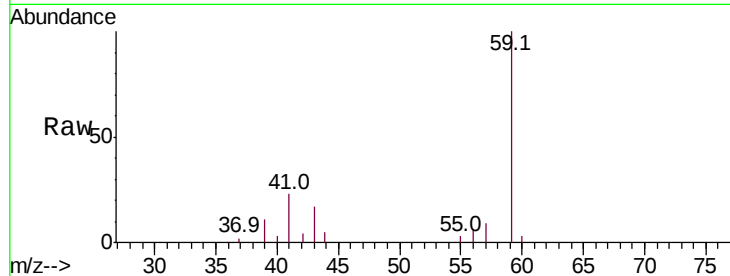
Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





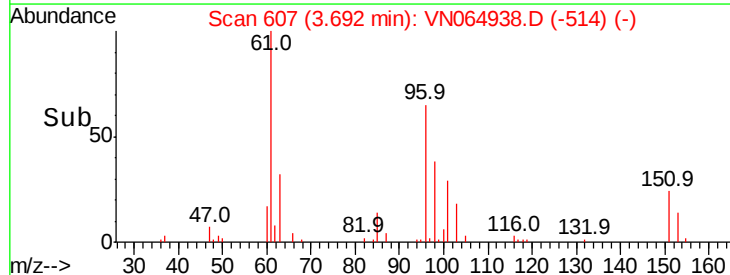
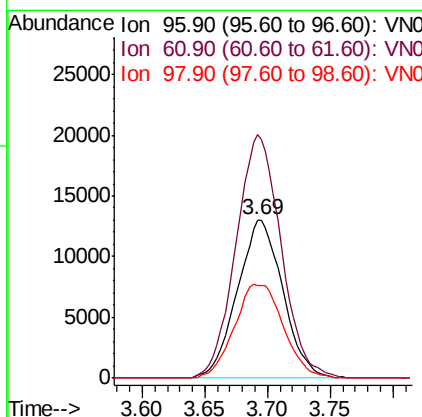
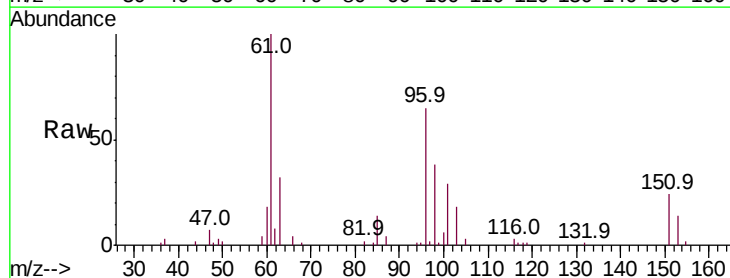
#11
Tert butyl alcohol
Concen: 80.309 ug/l
RT: 4.74 min Scan# 934
Delta R.T. -0.01 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

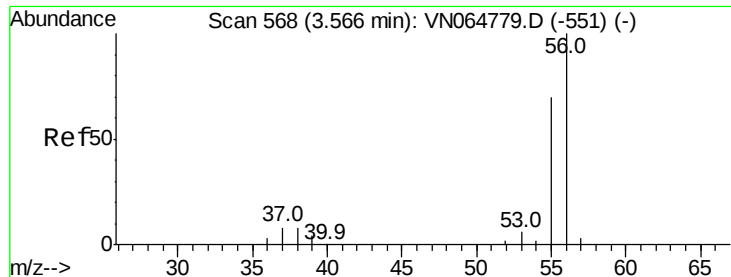
Tot Ion: 59 Resp: 28636
Ion Ratio Lower Upper
59 100
57 9.7 7.9 11.9



#12
1,1-Dichloroethene
Concen: 17.211 ug/l
RT: 3.69 min Scan# 607
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion: 96 Resp: 32824
Ion Ratio Lower Upper
96 100
61 154.0 123.4 185.2
98 58.9 49.8 74.8





#13

Acrolein

Concen: 83.195 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064938.D

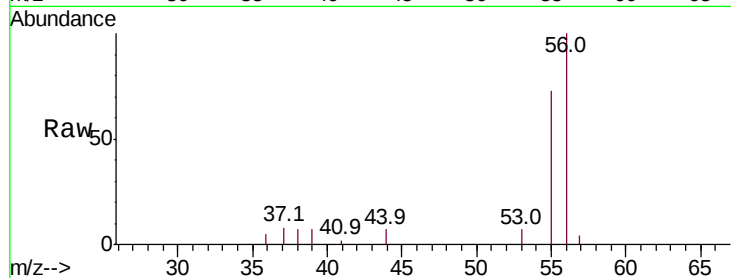
Acq: 7 Dec 2020 12:23

Tot Ion: 56 Resp: 18120

Ion Ratio Lower Upper

56 100

55 71.7 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN064938.D (-551) (-)

Ion 55.00 (54.70 to 55.70): VN064938.D (-551) (-)

3.56

8000

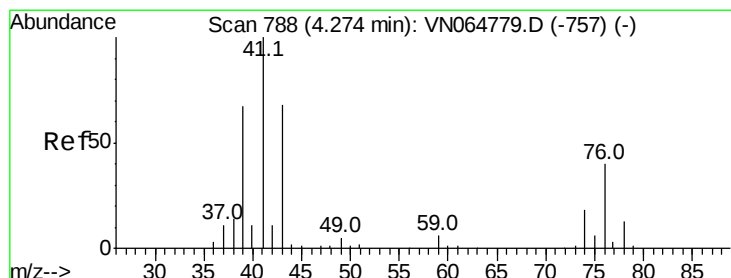
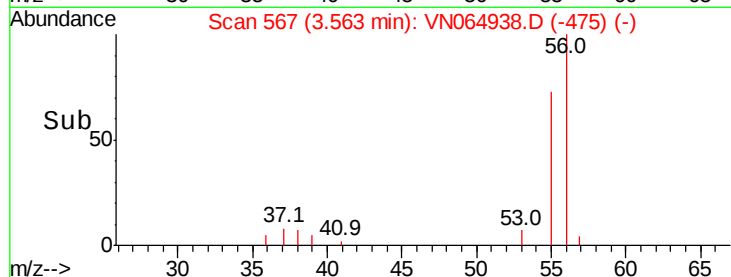
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 16.865 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

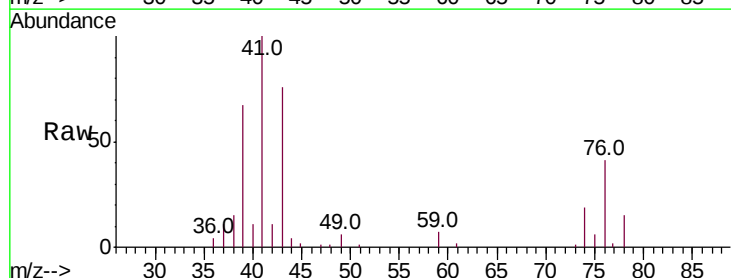
Tgt Ion: 41 Resp: 53048

Ion Ratio Lower Upper

41 100

39 61.4 50.9 76.3

76 37.2 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN064938.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064938.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064938.D (-695) (-)

4.27

20000

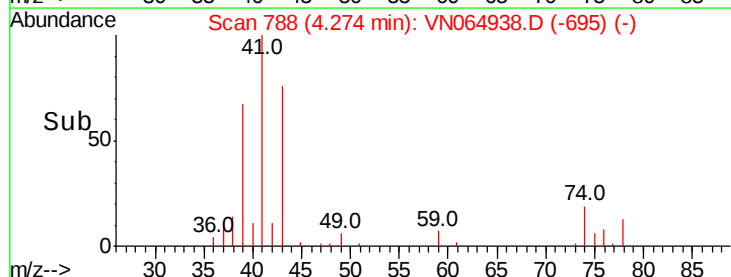
15000

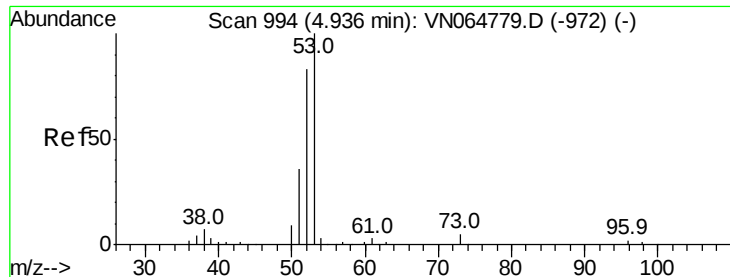
10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 86.380 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

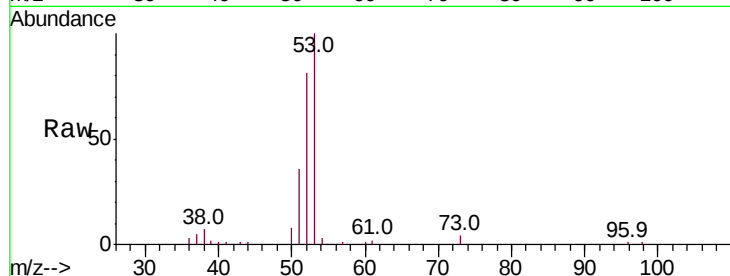
Tot Ion: 53 Resp: 85088

Ion Ratio Lower Upper

53 100

52 81.7 65.5 98.3

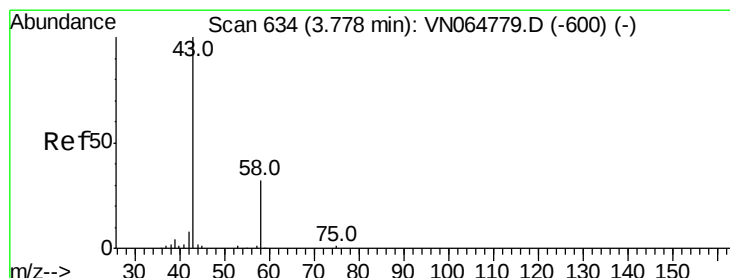
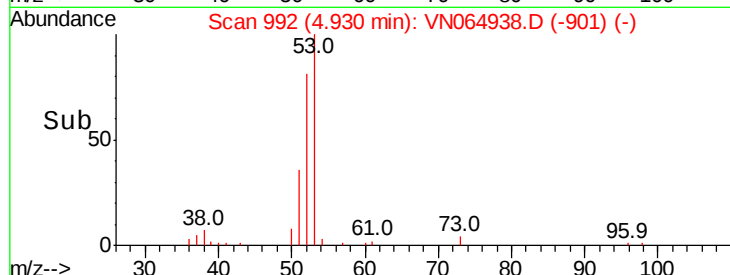
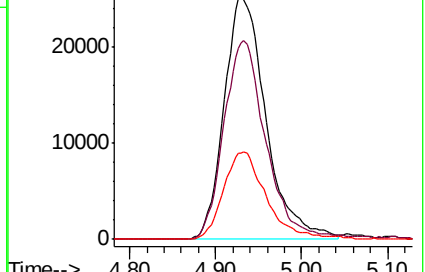
51 36.9 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064938.D (-992) (-)

Ion 52.00 (51.70 to 52.70): VN064938.D (-992) (-)

Ion 51.00 (50.70 to 51.70): VN064938.D (-992) (-)



#16

Acetone

Concen: 94.512 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064938.D

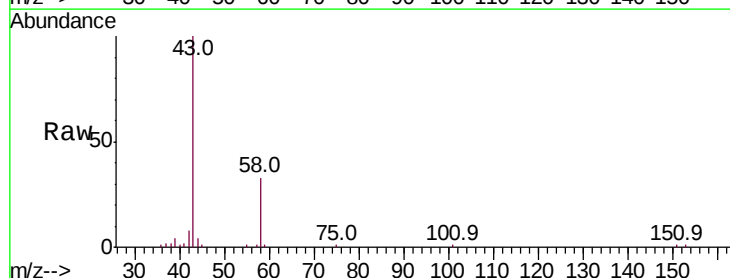
Acq: 7 Dec 2020 12:23

Tgt Ion: 43 Resp: 71036

Ion Ratio Lower Upper

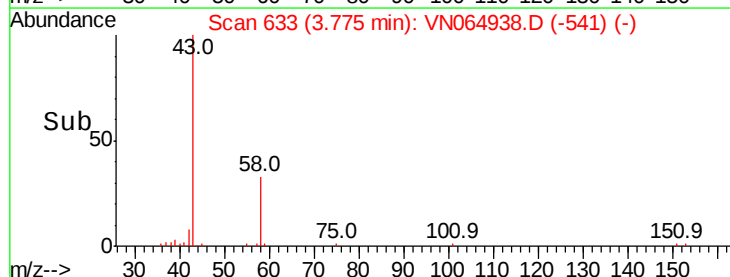
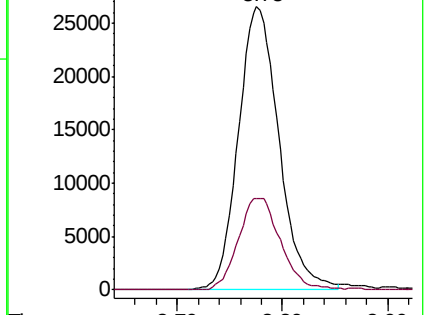
43 100

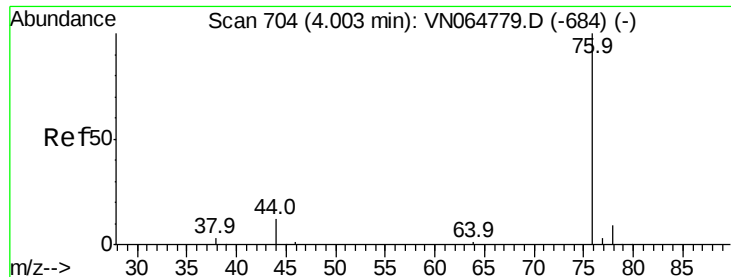
58 32.5 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064938.D (-633) (-)

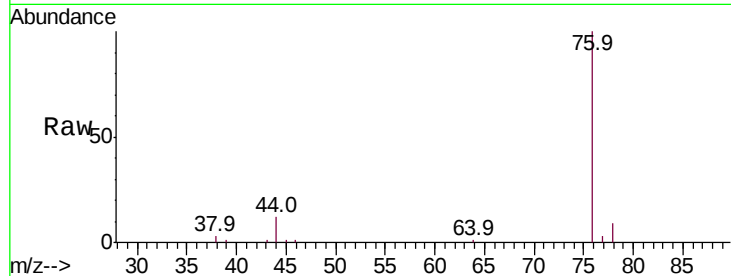
Ion 58.00 (57.70 to 58.70): VN064938.D (-633) (-)



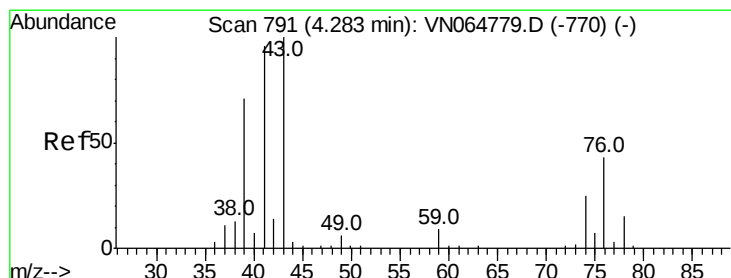
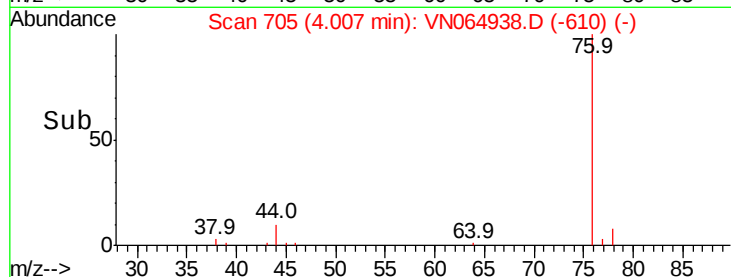
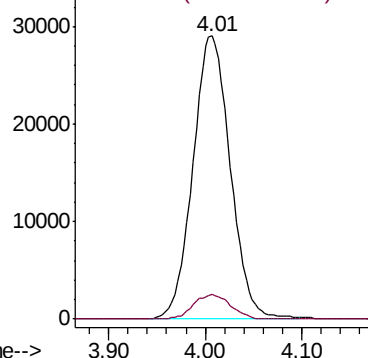


#17
Carbon Disulfide
Concen: 15.811 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tot Ion: 76 Resp: 77836
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

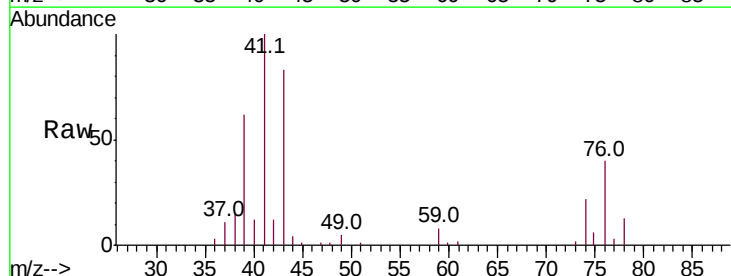


Abundance Ion 75.90 (75.60 to 76.60): VN0
Ion 77.90 (77.60 to 78.60): VN0

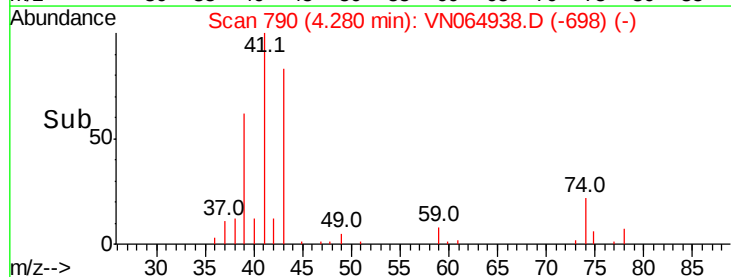
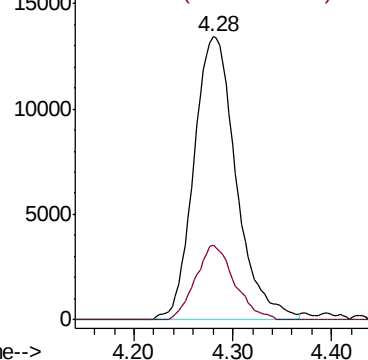


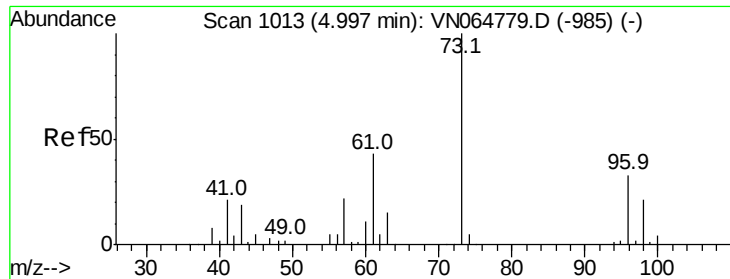
#18
Methyl Acetate
Concen: 17.714 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion: 43 Resp: 40030
Ion Ratio Lower Upper
43 100
74 24.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 74.00 (73.70 to 74.70): VN0

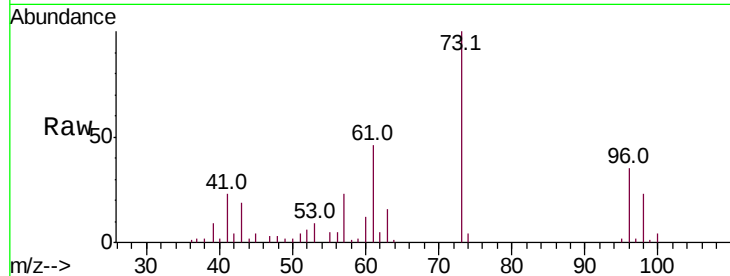




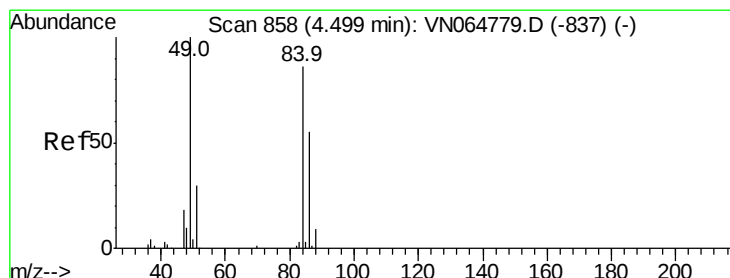
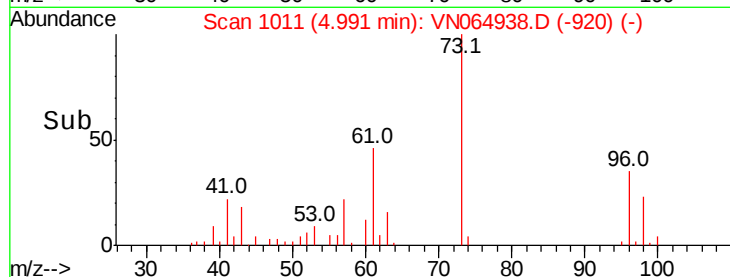
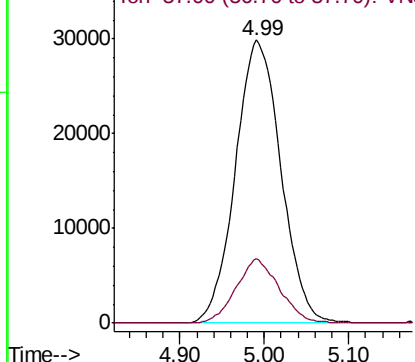
#19

Methyl tert-butyl Ether
 Concen: 18.301 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tot Ion: 73 Resp: 111941
 Ion Ratio Lower Upper
 73 100
 57 22.8 17.4 26.0



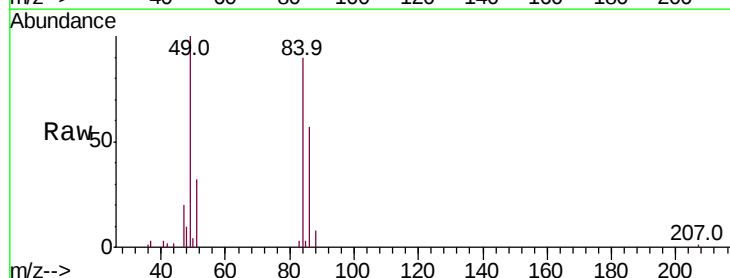
Abundance Ion 73.00 (72.70 to 73.70): VN064779.D (-985) (-)
 Ion 57.00 (56.70 to 57.70): VN064779.D (-985) (-)



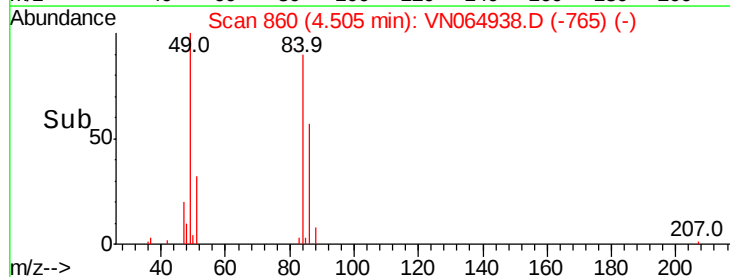
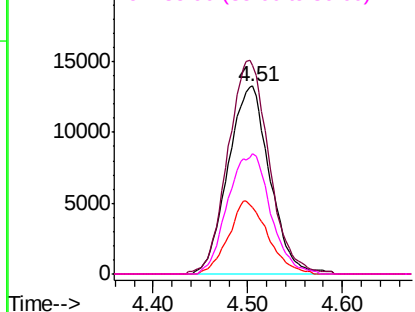
#20

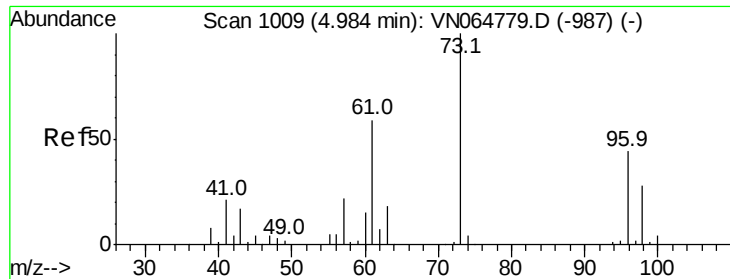
Methylene Chloride
 Concen: 17.250 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.01 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tgt Ion: 84 Resp: 40628
 Ion Ratio Lower Upper
 84 100
 49 111.4 93.4 140.0
 51 35.5 28.2 42.4
 86 63.8 51.7 77.5



Abundance Ion 83.90 (83.60 to 84.60): VN064779.D (-837) (-)
 Ion 48.90 (48.60 to 49.60): VN064779.D (-837) (-)
 Ion 50.90 (50.60 to 51.60): VN064779.D (-837) (-)
 Ion 85.90 (85.60 to 86.60): VN064779.D (-837) (-)

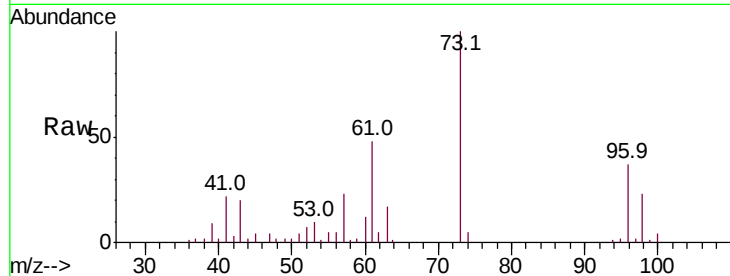




#21

trans-1,2-Dichloroethene
Concen: 16.628 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

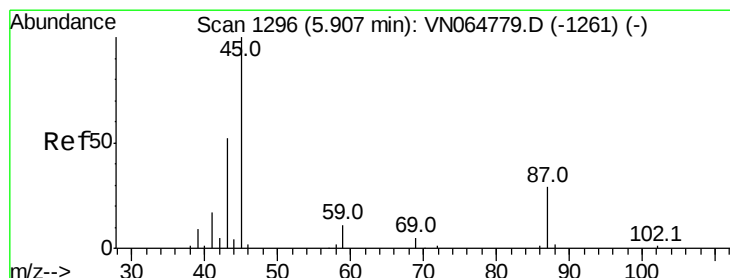
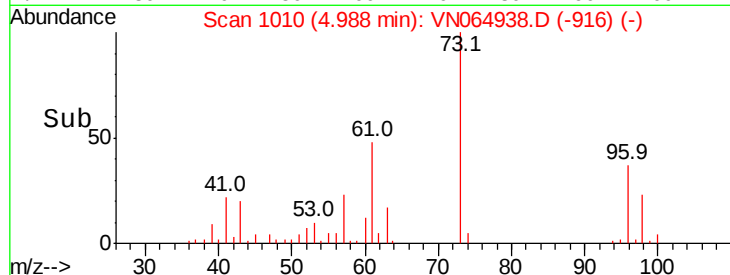
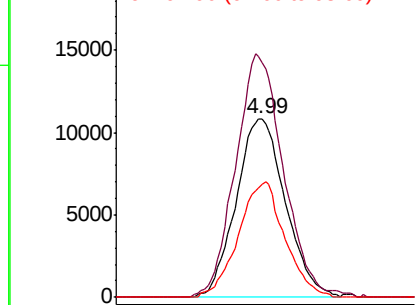
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	108.4	162.6
98	63.2	51.3	76.9



Abundance Ion 95.90 (95.60 to 96.60): VN064938.D (-916) (-)

Ion 60.90 (60.60 to 61.60): VN064938.D (-916) (-)

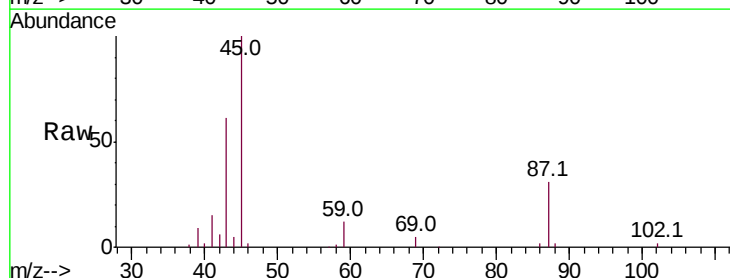
Ion 97.90 (97.60 to 98.60): VN064938.D (-916) (-)



#22

Diisopropyl ether
Concen: 18.764 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.0	46.2	69.2
87	31.3	24.1	36.1
59	12.3	9.0	13.4

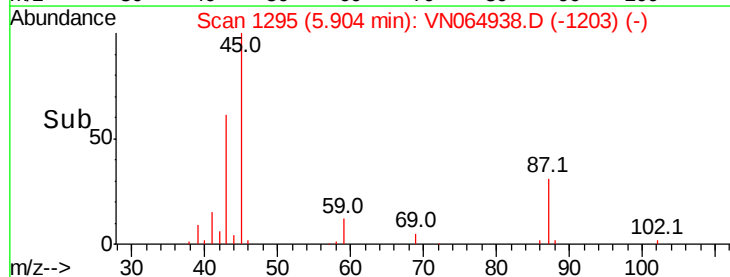
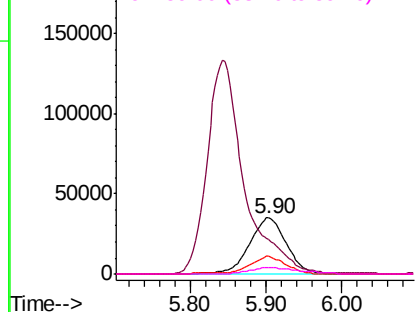


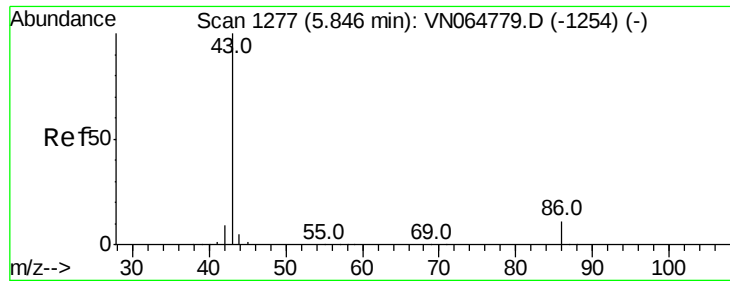
Abundance Ion 45.00 (44.70 to 45.70): VN064938.D (-1203) (-)

Ion 43.00 (42.70 to 43.70): VN064938.D (-1203) (-)

Ion 87.00 (86.70 to 87.70): VN064938.D (-1203) (-)

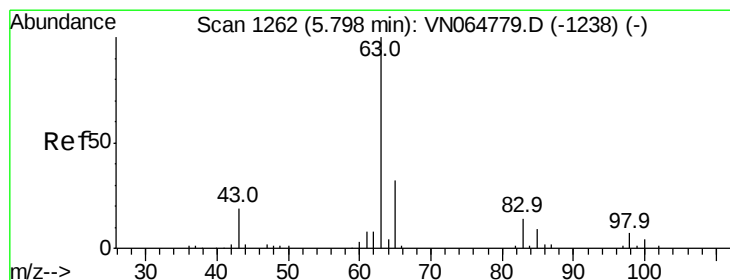
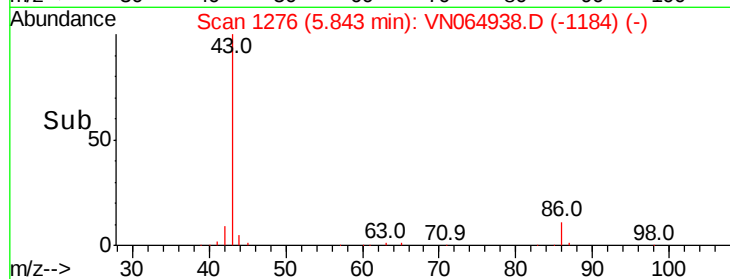
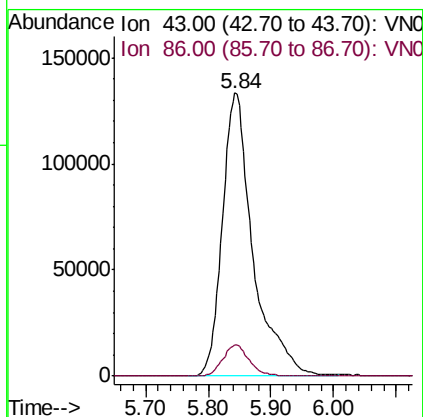
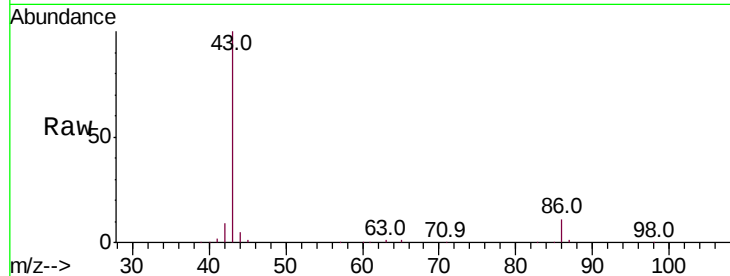
Ion 59.00 (58.70 to 59.70): VN064938.D (-1203) (-)





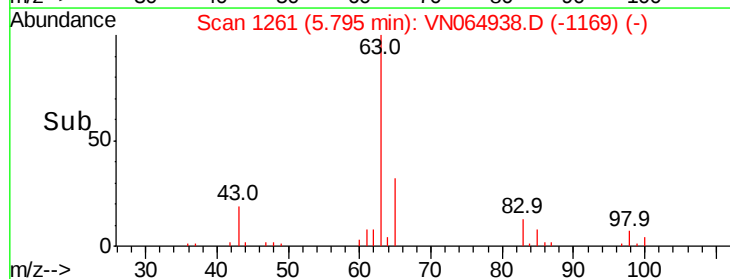
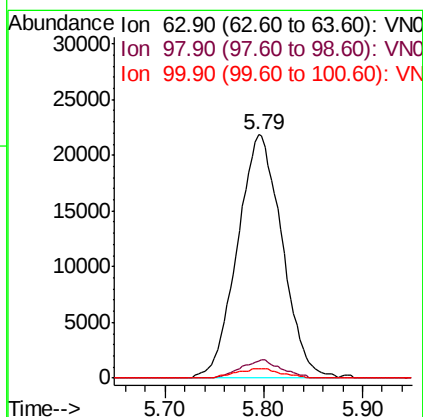
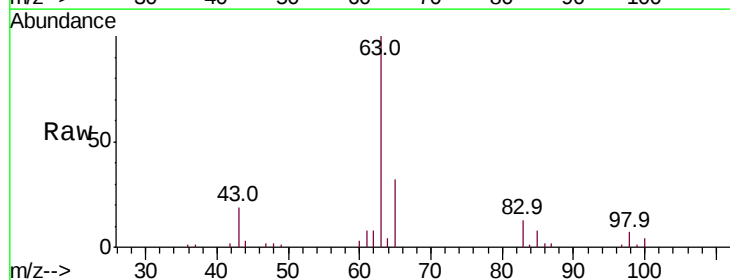
#23
 Vinyl Acetate
 Concen: 89.956 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

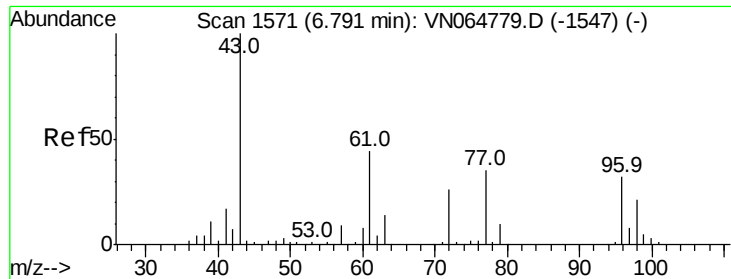
Tot Ion: 43 Resp: 452899
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.205 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tgt Ion: 63 Resp: 68499
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 87.511 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064938.D

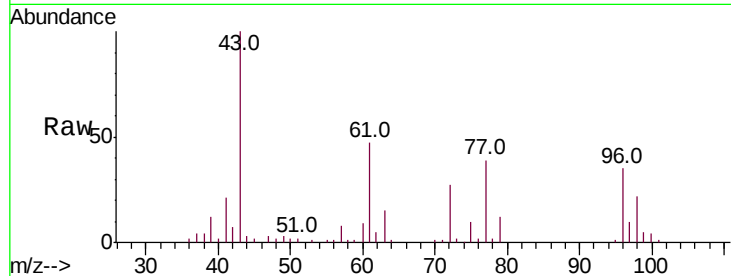
Acq: 7 Dec 2020 12:23

Tot Ion: 43 Resp: 106623

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1547) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1547) (-)

6.79

40000

30000

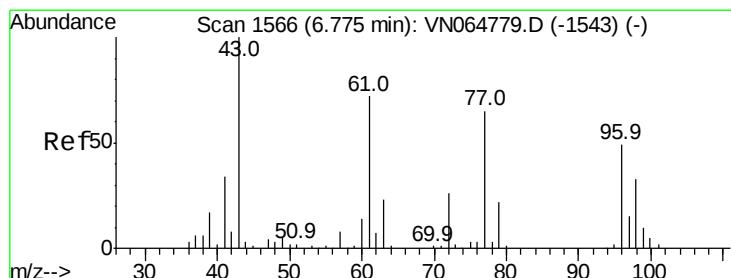
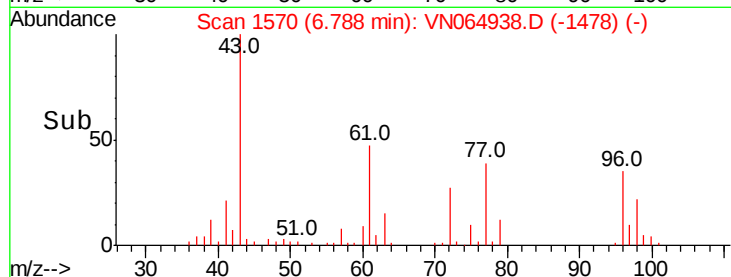
20000

10000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 17.521 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064938.D

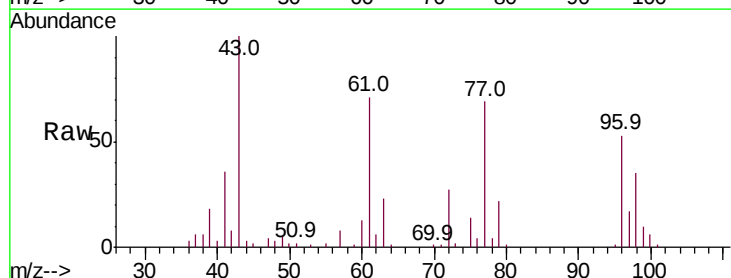
Acq: 7 Dec 2020 12:23

Tgt Ion: 77 Resp: 57178

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN064779.D (-1547) (-)

Ion 96.90 (96.60 to 97.60): VN064779.D (-1547) (-)

6.77

20000

15000

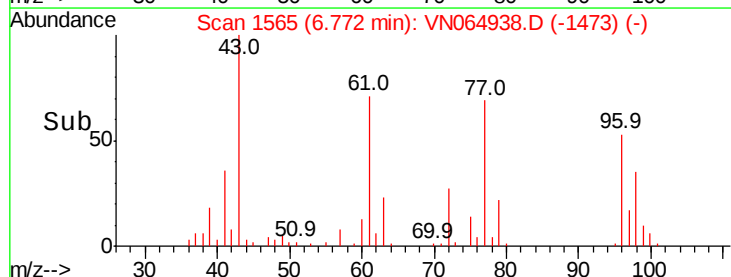
10000

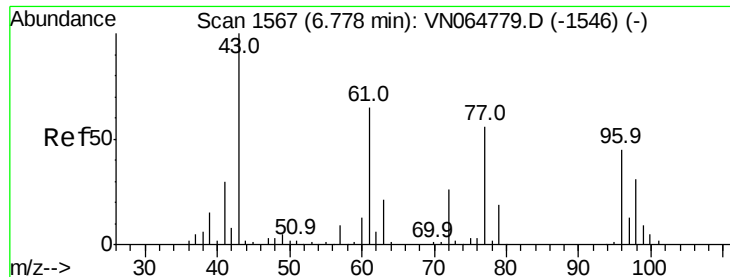
5000

0

6.70 6.75 6.80 6.85

Time-->





#27

cis-1,2-Dichloroethene

Concen: 17.723 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

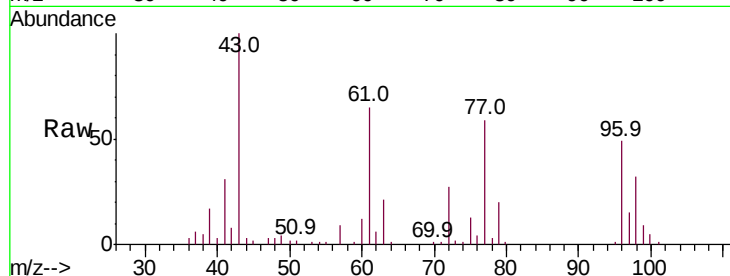
Tot Ion: 96 Resp: 42236

Ion Ratio Lower Upper

96 100

61 141.2 0.0 285.8

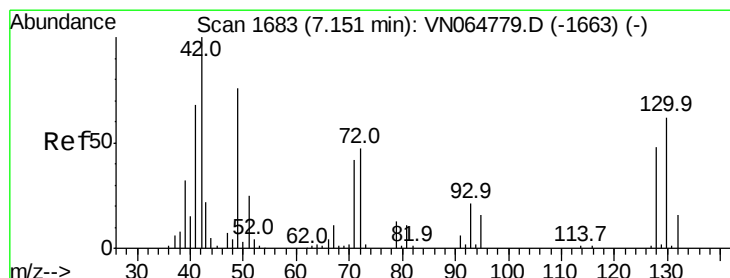
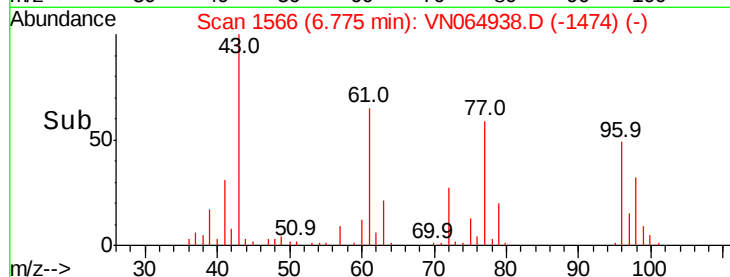
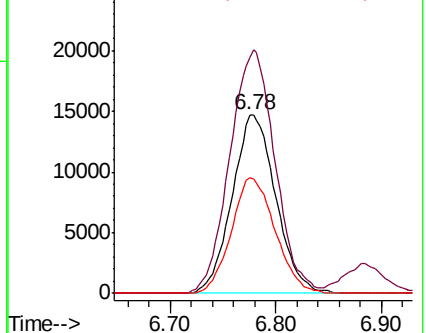
98 65.0 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064779.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064779.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1546) (-)



#28

Bromochloromethane

Concen: 17.653 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.01 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

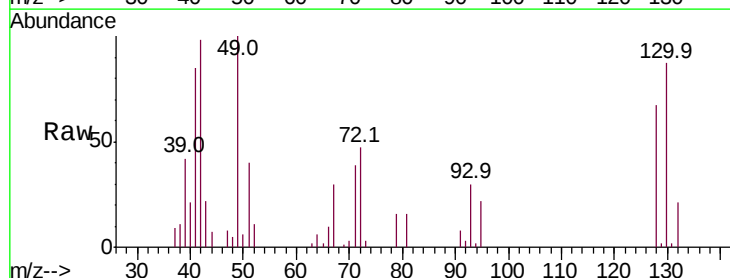
Tgt Ion: 49 Resp: 30387

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

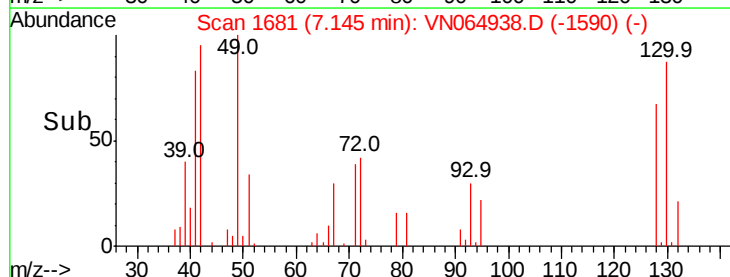
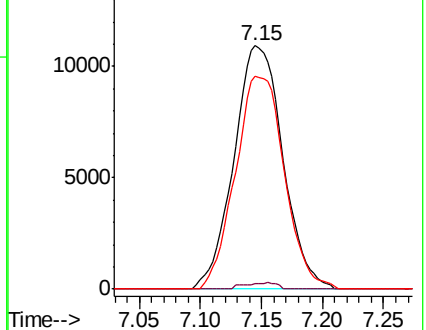
130 87.9 66.2 99.2

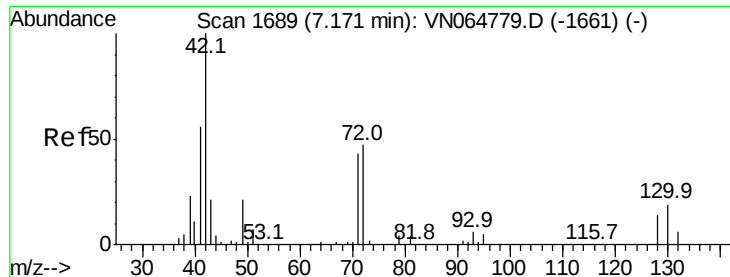


Abundance Ion 48.90 (48.60 to 49.60): VN064779.D (-1663) (-)

Ion 128.80 (128.50 to 129.50): VN064779.D (-1663) (-)

Ion 129.80 (129.50 to 130.50): VN064779.D (-1663) (-)





#29

Tetrahydrofuran

Concen: 82.487 ug/l

RT: 7.17 min Scan# 1688

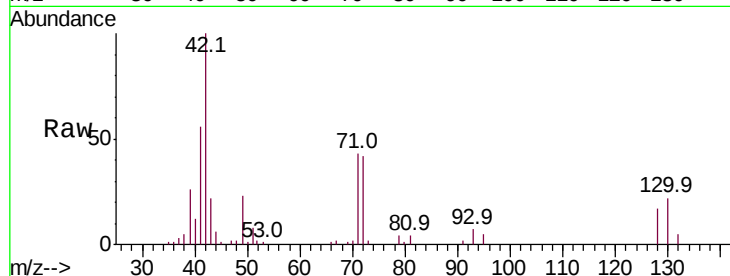
Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tot Ion: 42 Resp: 69376

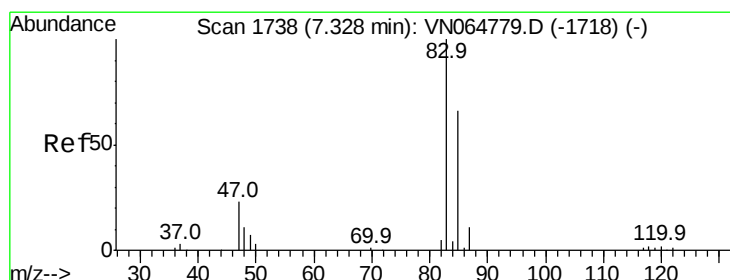
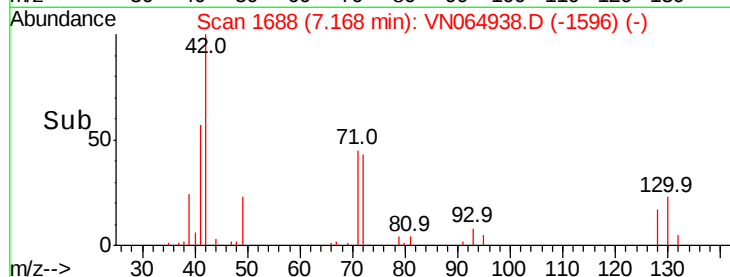
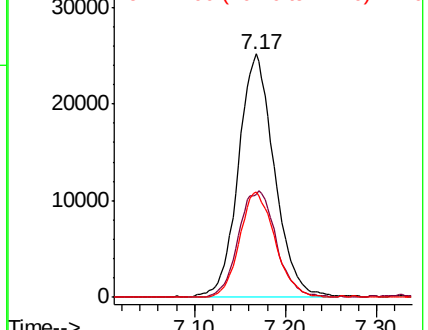
Ion	Ratio	Lower	Upper
42	100		
72	45.9	36.6	54.8
71	42.6	33.6	50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064938.D (-1596) (-)

Ion 72.00 (71.70 to 72.70): VN064938.D (-1596) (-)

Ion 71.00 (70.70 to 71.70): VN064938.D (-1596) (-)



#30

Chloroform

Concen: 18.375 ug/l

RT: 7.33 min Scan# 1737

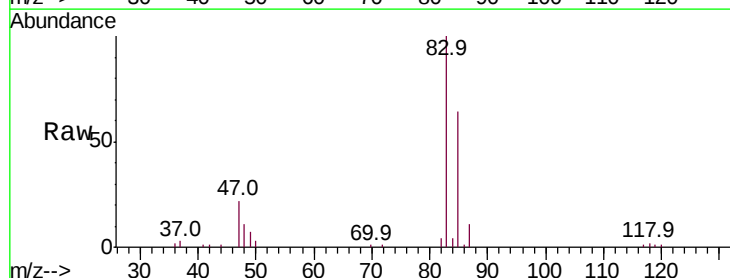
Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

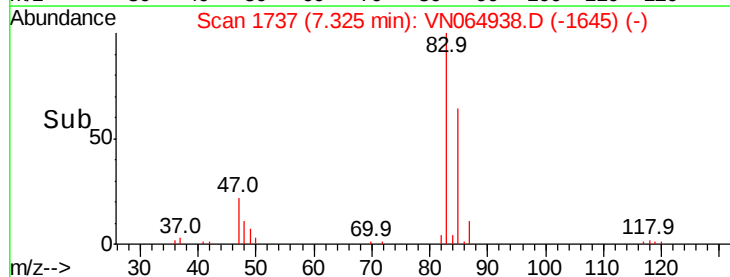
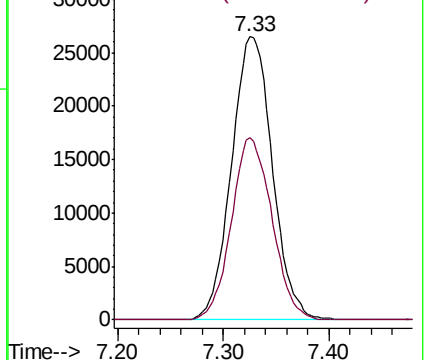
Tgt Ion: 83 Resp: 71297

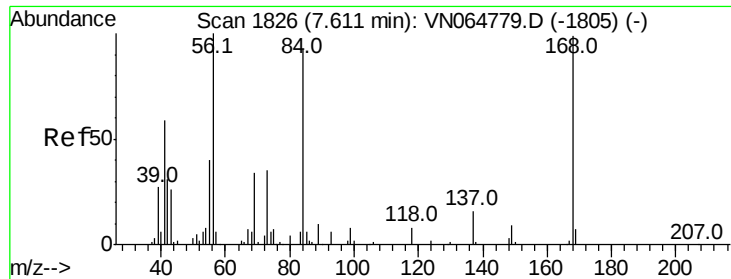
Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064938.D (-1645) (-)

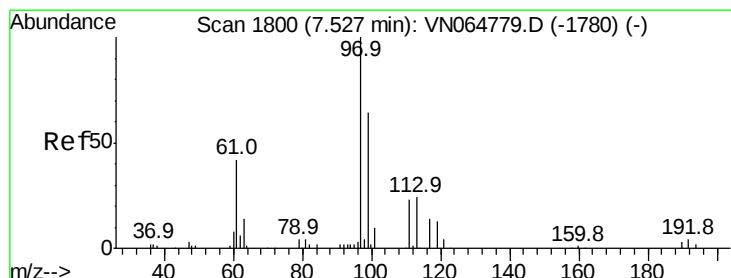
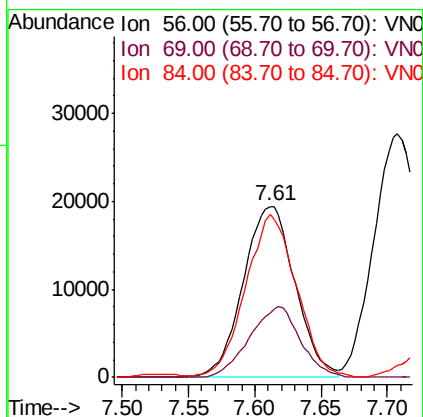
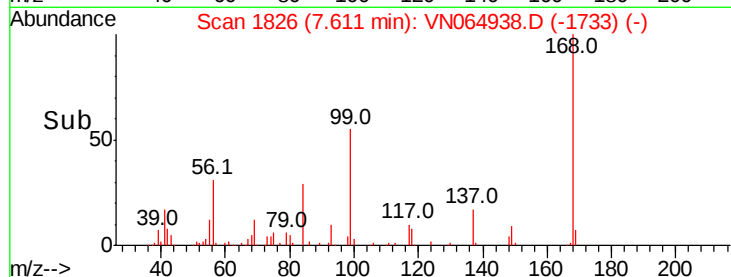
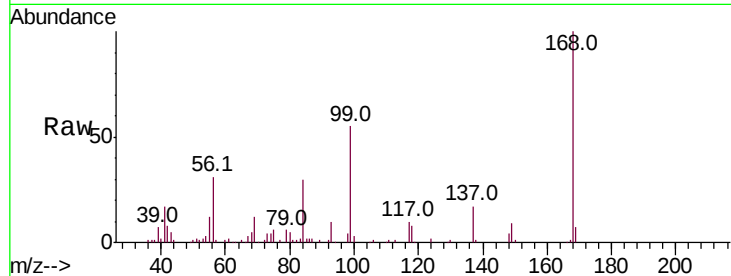
Ion 84.90 (84.60 to 85.60): VN064938.D (-1645) (-)





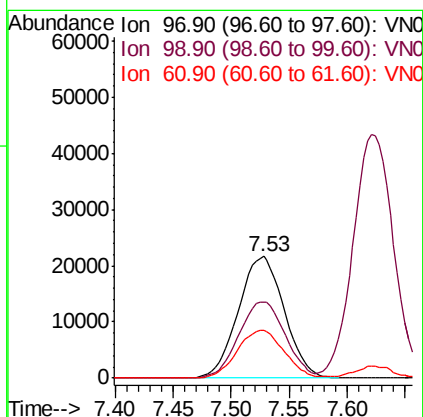
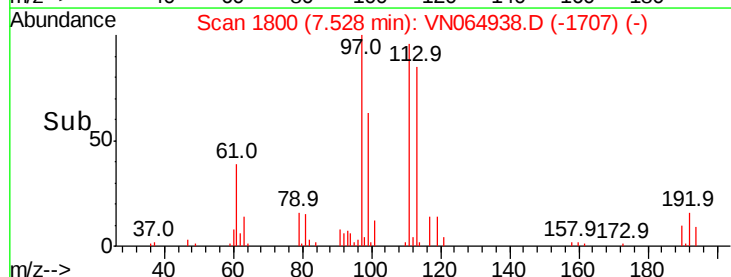
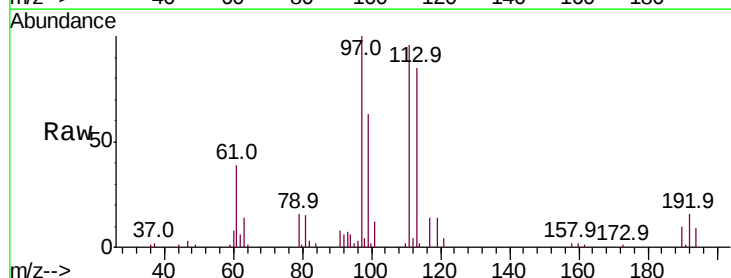
#31
Cyclohexane
Concen: 16.563 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

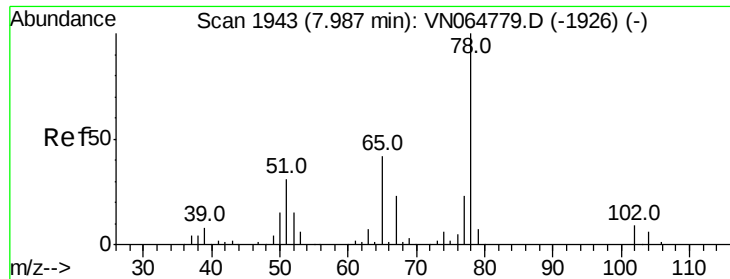
Tot Ion: 56 Resp: 52783
Ion Ratio Lower Upper
56 100
69 37.5 27.5 41.3
84 94.5 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 17.888 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

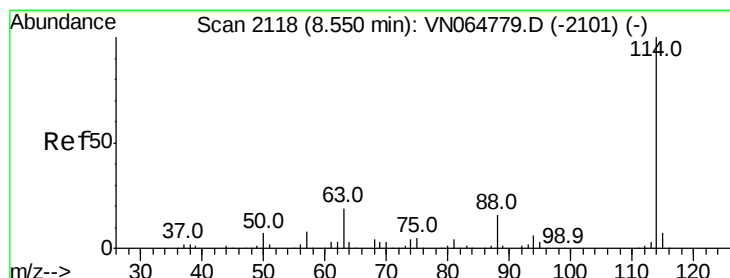
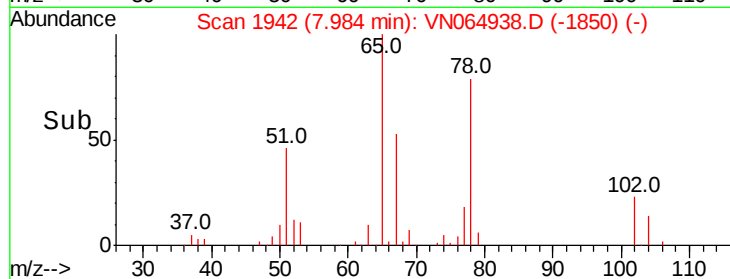
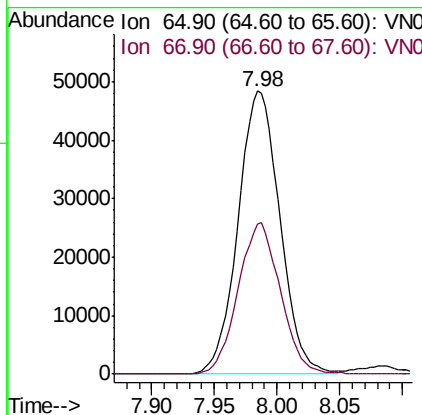
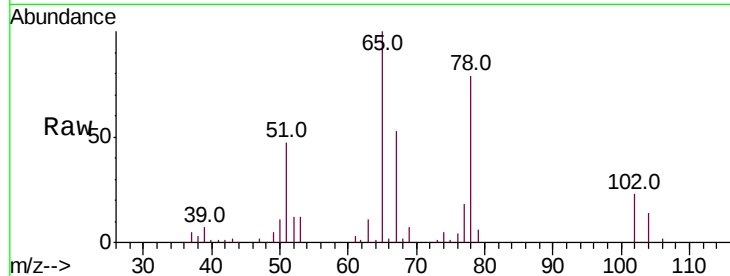
Tgt Ion: 97 Resp: 59613
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 40.3 33.9 50.9





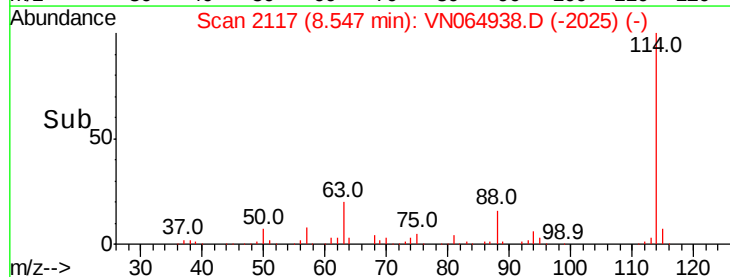
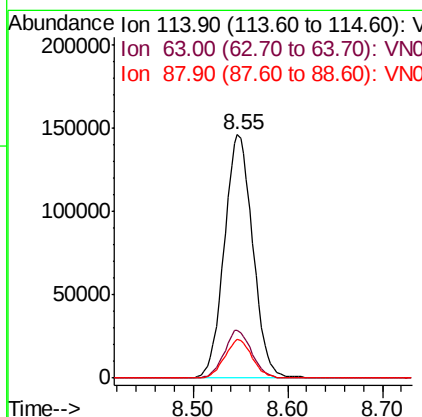
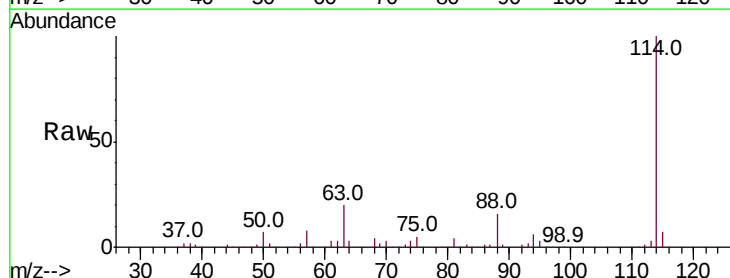
#33
 1,2-Dichloroethane-d4
 Concen: 49.158 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

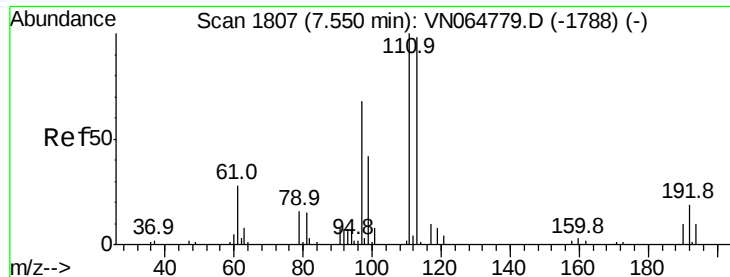
Tot Ion: 65 Resp: 112395
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tgt Ion: 114 Resp: 304489
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.829 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

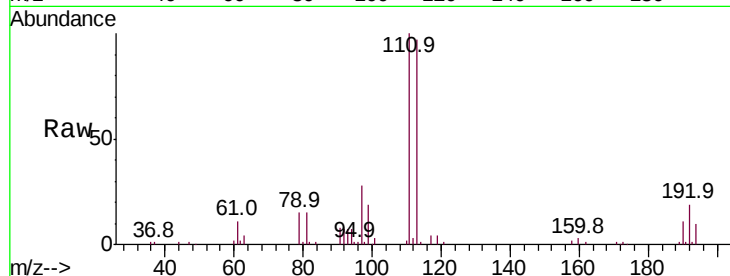
Tot Ion:113 Resp: 96253

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

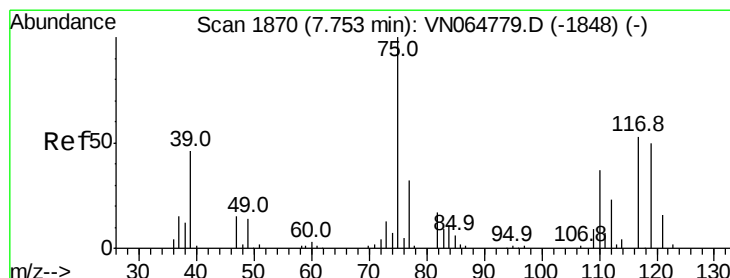
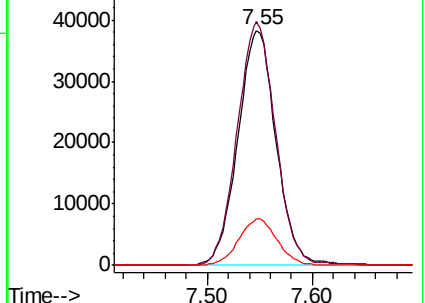
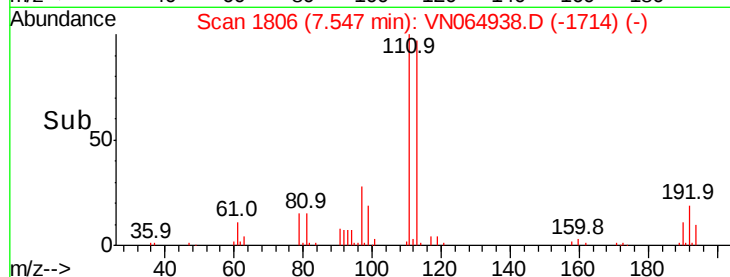
192 19.8 16.2 24.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.648 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

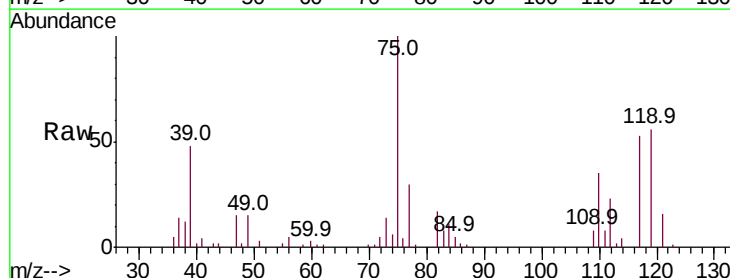
Tgt Ion: 75 Resp: 49808

Ion Ratio Lower Upper

75 100

110 36.0 17.8 53.3

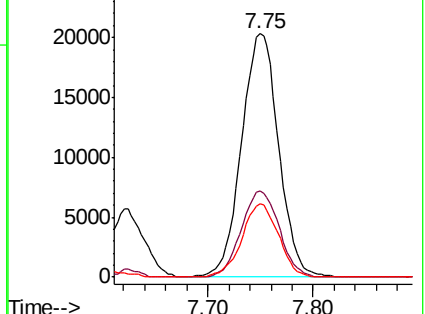
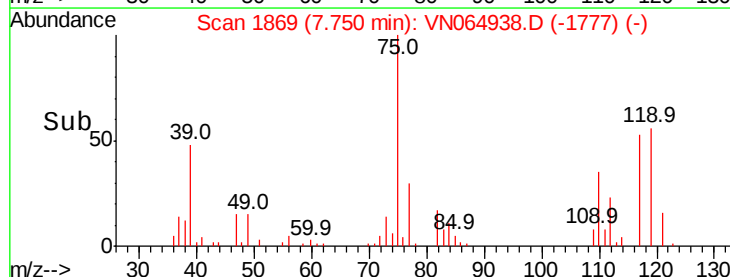
77 29.6 25.0 37.4

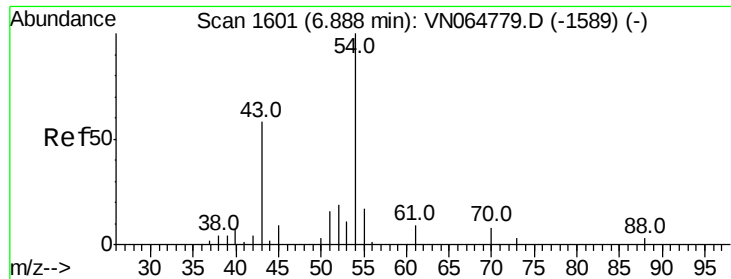


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

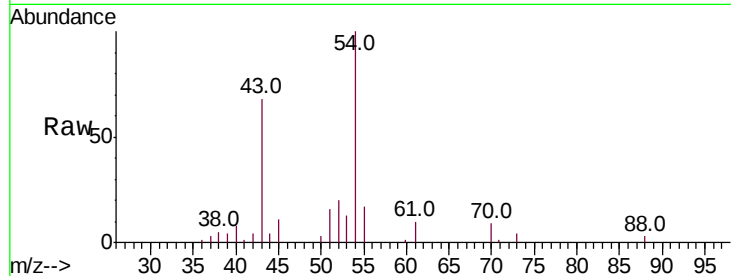
Ion 76.90 (76.60 to 77.60): VN0



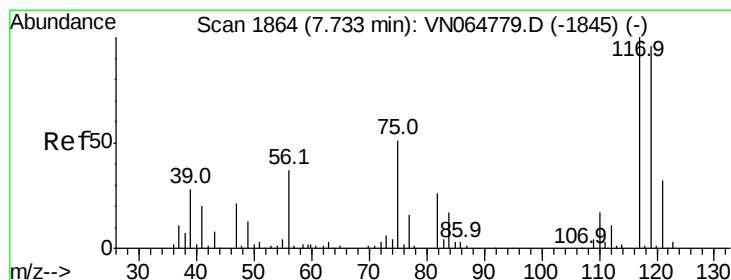
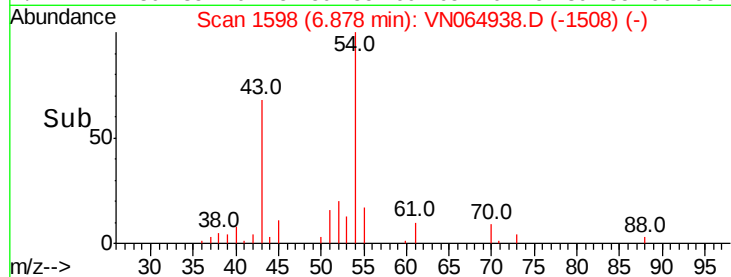
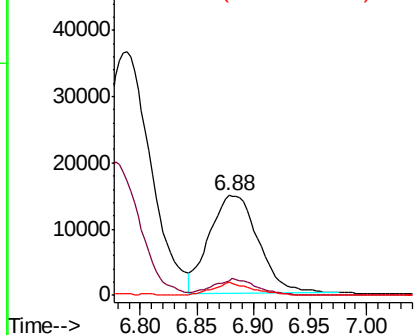


#37
Ethyl Acetate
Concen: 16.556 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tot Ion: 43 Resp: 45010
Ion Ratio Lower Upper
43 100
61 14.9 12.8 19.2
70 10.4 8.8 13.2

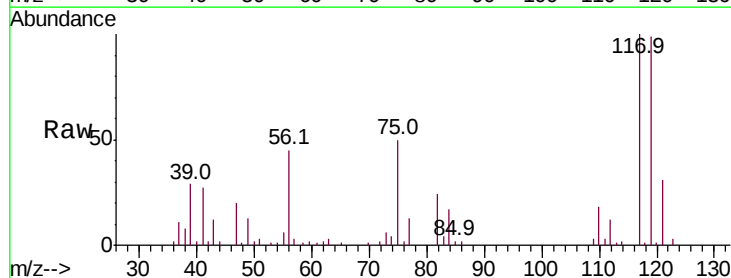


Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1589) (-)
Ion 60.90 (60.60 to 61.60): VN064779.D (-1589) (-)
Ion 70.00 (69.70 to 70.70): VN064779.D (-1589) (-)

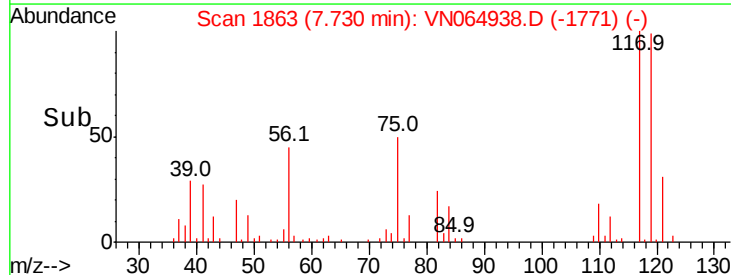
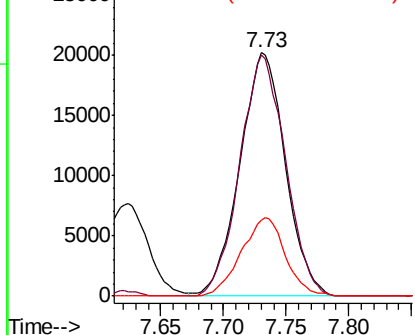


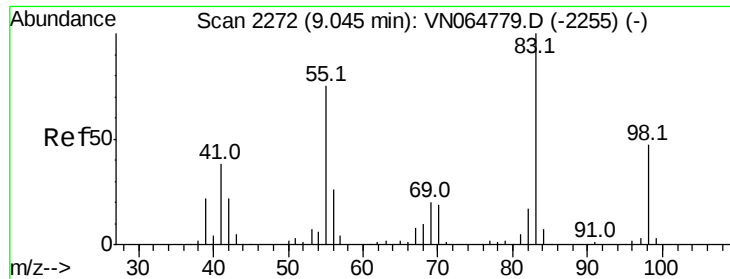
#38
Carbon Tetrachloride
Concen: 17.389 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion: 117 Resp: 51066
Ion Ratio Lower Upper
117 100
119 99.2 76.7 115.1
121 31.4 25.4 38.2



Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-1845) (-)
Ion 118.80 (118.50 to 119.50): VN064779.D (-1845) (-)
Ion 120.80 (120.50 to 121.50): VN064779.D (-1845) (-)





#39

Methvlcvclohexane

Concen: 15.727 ug/l

RT: 9.04 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

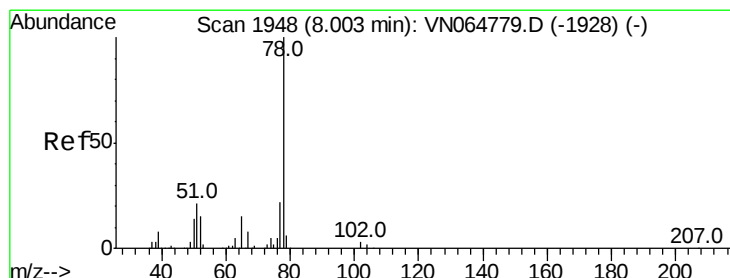
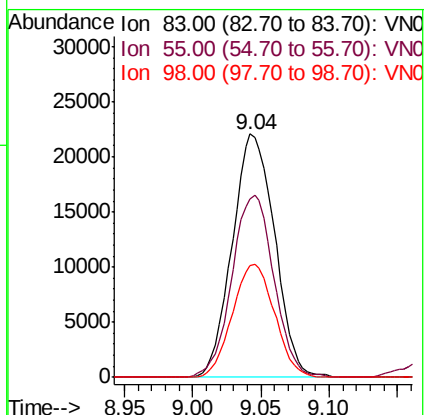
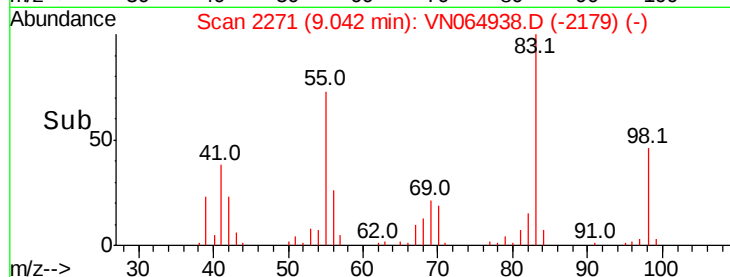
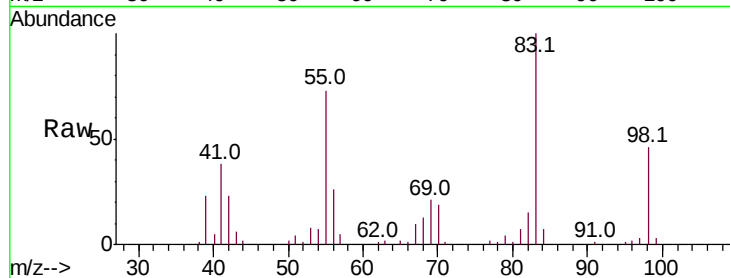
Tot Ion: 83 Resp: 47782

Ion Ratio Lower Upper

83 100

55 73.4 60.2 90.2

98 45.7 37.4 56.2



#40

Benzene

Concen: 17.755 ug/l

RT: 8.00 min Scan# 1947

Delta R.T. -0.00 min

Lab File: VN064938.D

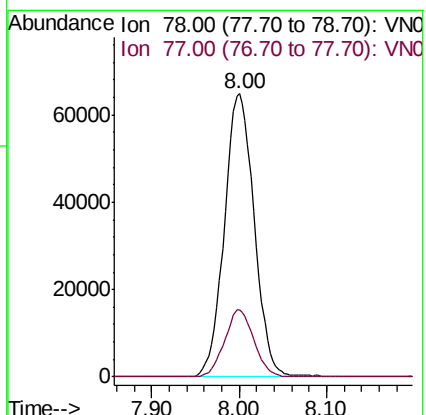
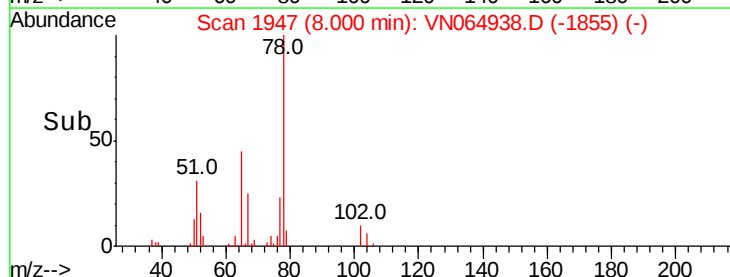
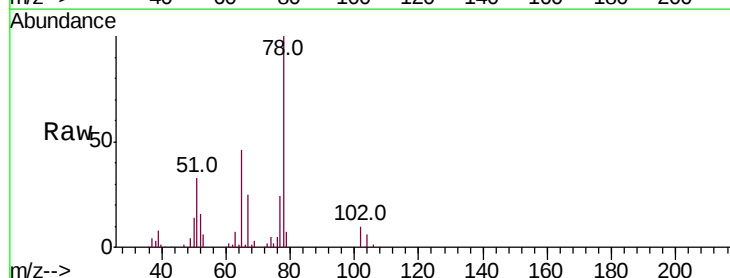
Acq: 7 Dec 2020 12:23

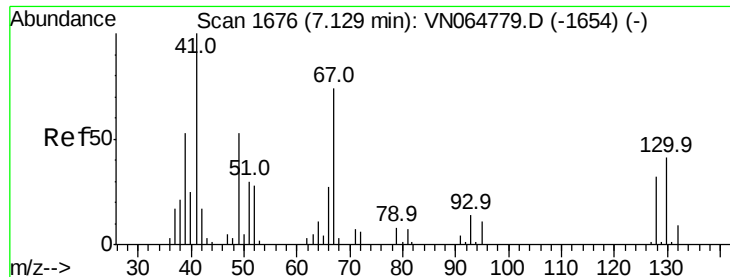
Tgt Ion: 78 Resp: 153555

Ion Ratio Lower Upper

78 100

77 23.9 17.9 26.9





#41

Methacrylonitrile

Concen: 17.204 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tot Ion: 41 Resp: 21581

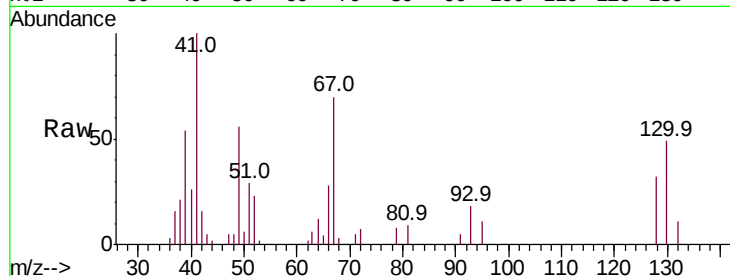
Ion Ratio Lower Upper

41 100

39 67.0 51.0 76.6

67 92.8 79.8 119.8

52 34.7 31.5 47.3

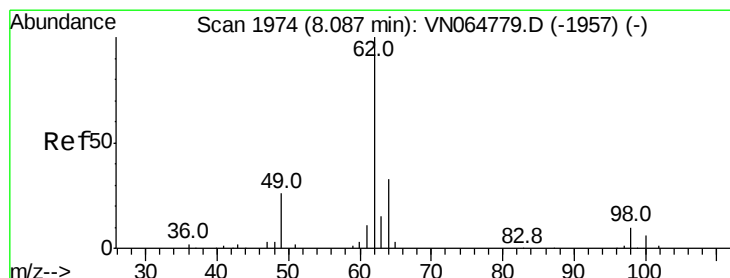
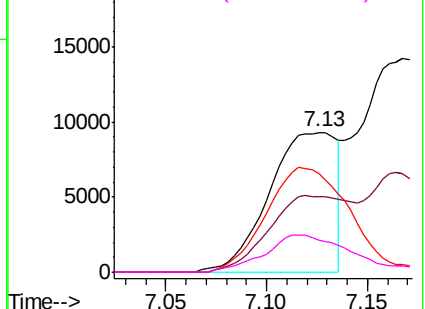
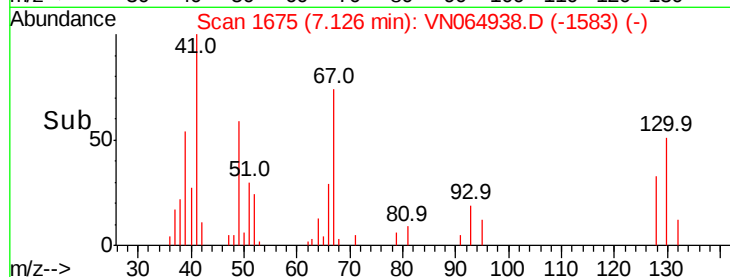


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-1654) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-1654) (-)

Ion 67.00 (66.70 to 67.70): VN064779.D (-1654) (-)

Ion 52.00 (51.70 to 52.70): VN064779.D (-1654) (-)



#42

1,2-Dichloroethane

Concen: 17.974 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN064938.D

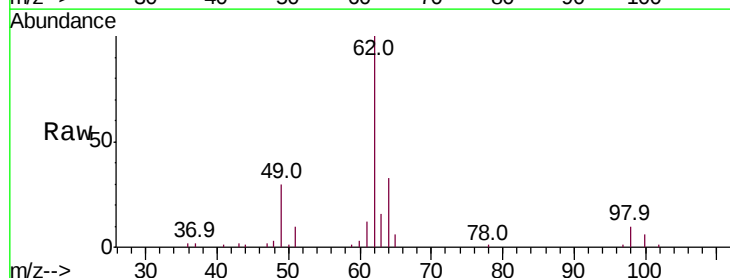
Acq: 7 Dec 2020 12:23

Tgt Ion: 62 Resp: 52439

Ion Ratio Lower Upper

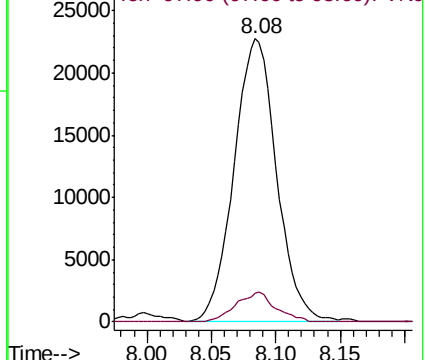
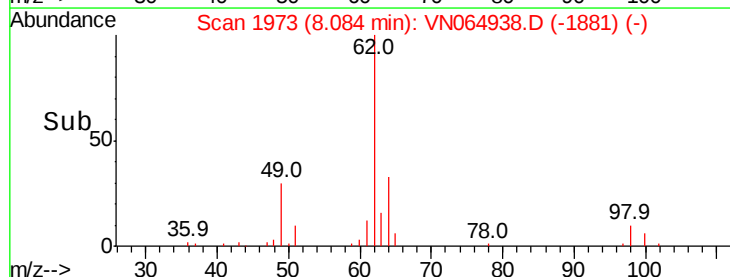
62 100

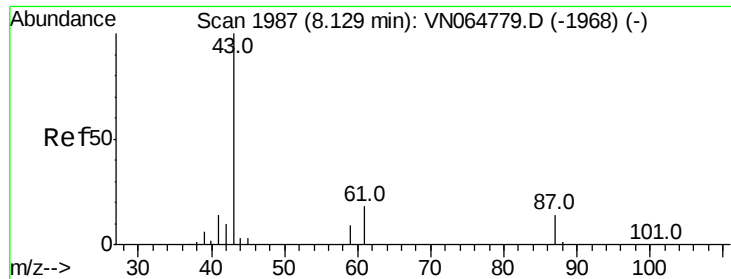
98 9.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN064779.D (-1957) (-)

Ion 97.90 (97.60 to 98.60): VN064779.D (-1957) (-)





#43

Isopropyl Acetate

Concen: 17.285 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

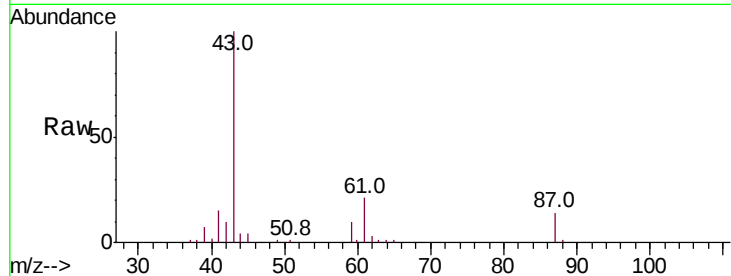
Tot Ion: 43 Resp: 75616

Ion Ratio Lower Upper

43 100

61 21.0 17.2 25.8

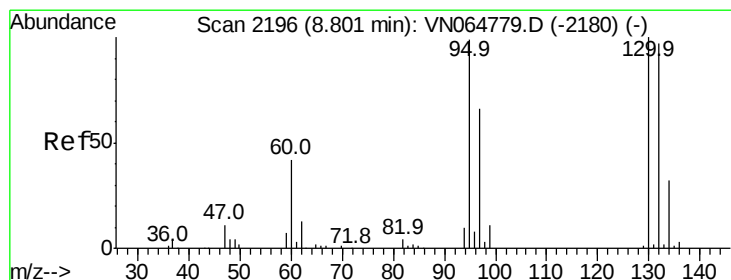
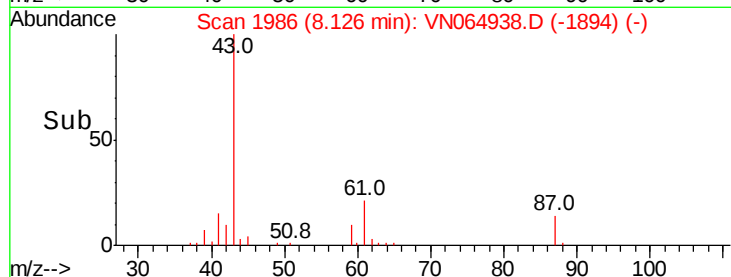
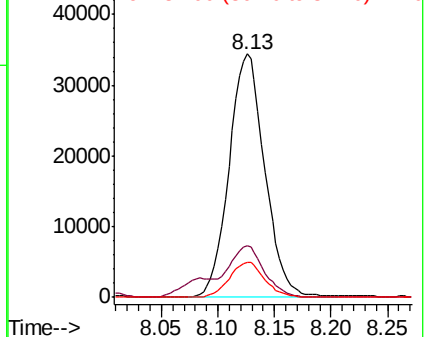
87 14.1 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 17.466 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064938.D

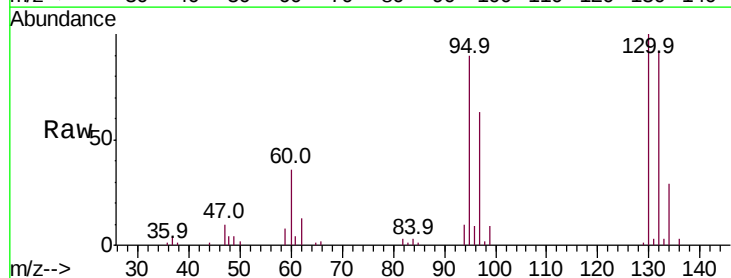
Acq: 7 Dec 2020 12:23

Tgt Ion:130 Resp: 44568

Ion Ratio Lower Upper

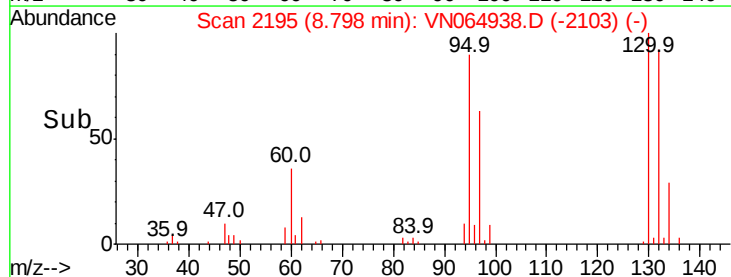
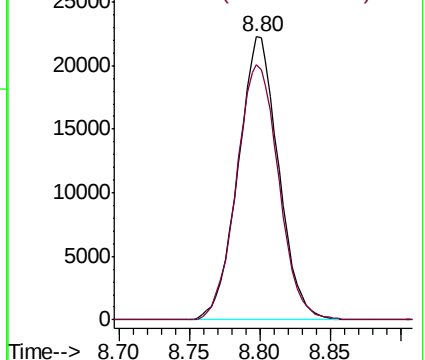
130 100

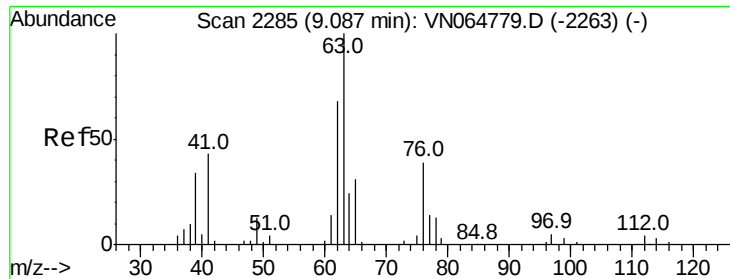
95 90.3 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.545 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064938.D

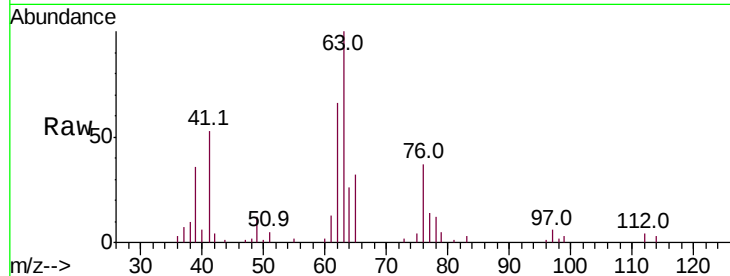
Acq: 7 Dec 2020 12:23

Tot Ion: 63 Resp: 41535

Ion Ratio Lower Upper

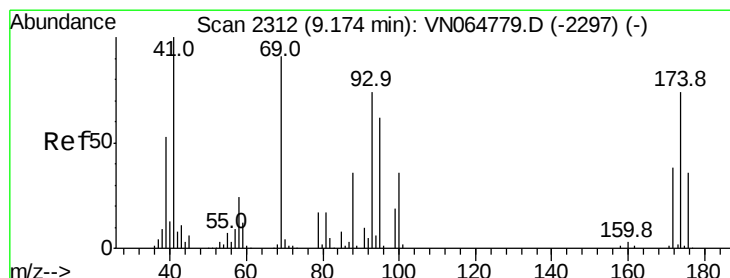
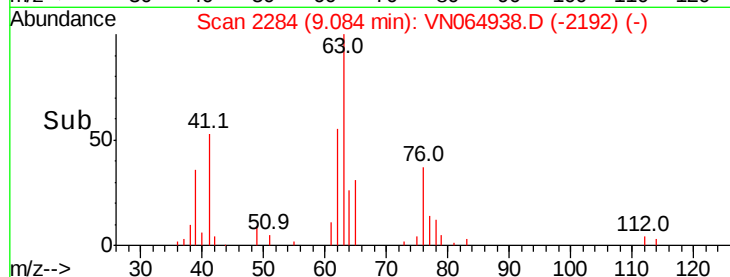
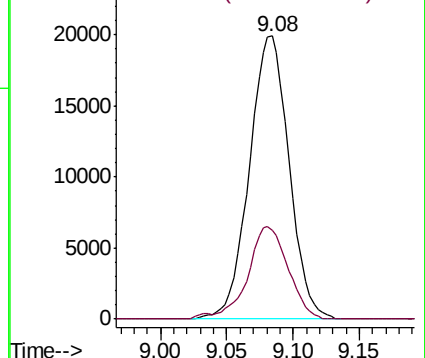
63 100

65 31.6 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.093 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

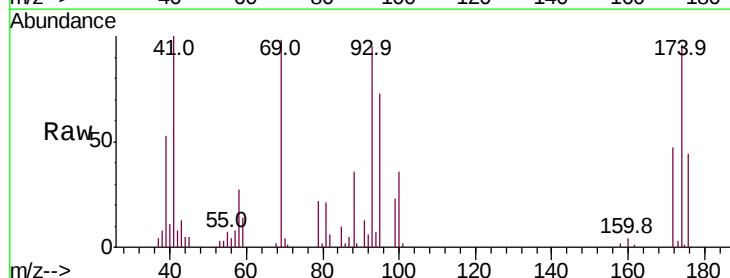
Tgt Ion: 93 Resp: 27072

Ion Ratio Lower Upper

93 100

95 82.9 68.8 103.2

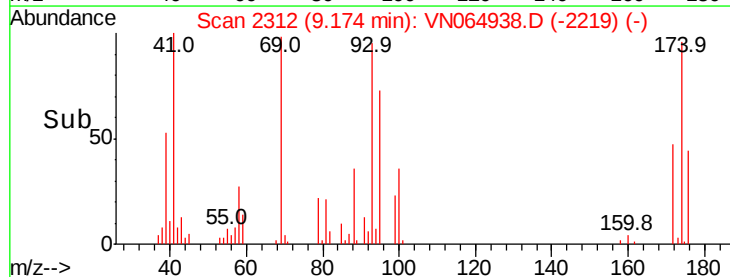
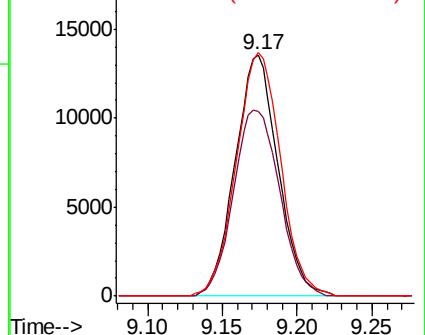
174 104.3 83.1 124.7

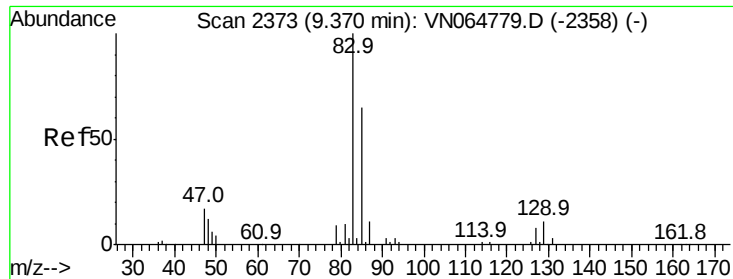


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.701 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

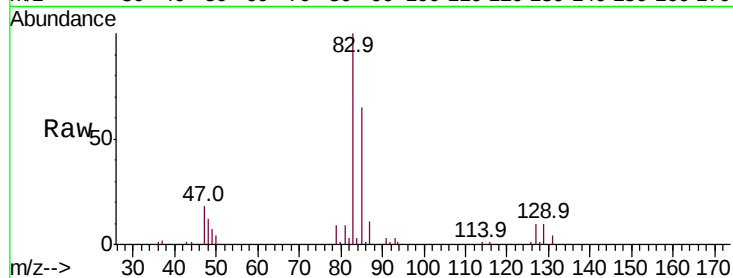
Tot Ion: 83 Resp: 53292

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.8

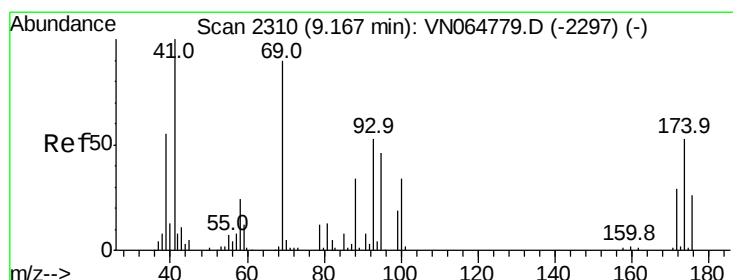
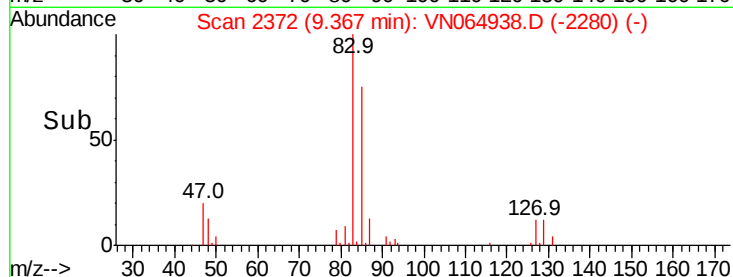
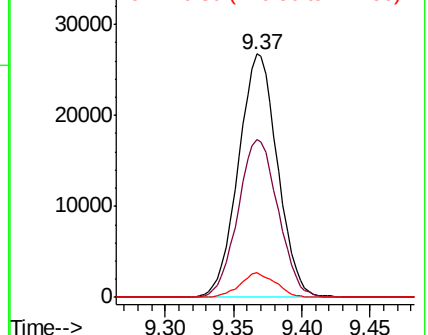
127 10.1 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 16.533 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

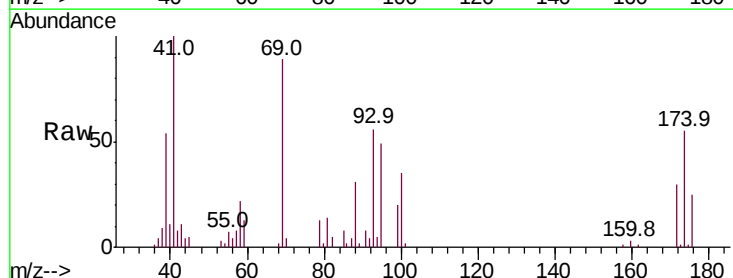
Tgt Ion: 41 Resp: 34559

Ion Ratio Lower Upper

41 100

69 96.2 71.8 107.8

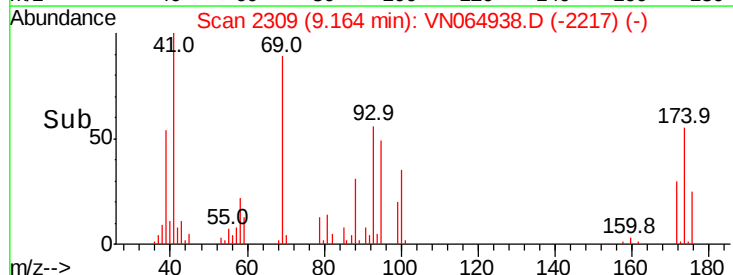
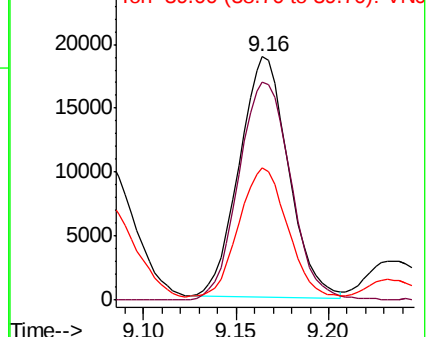
39 56.2 44.1 66.1

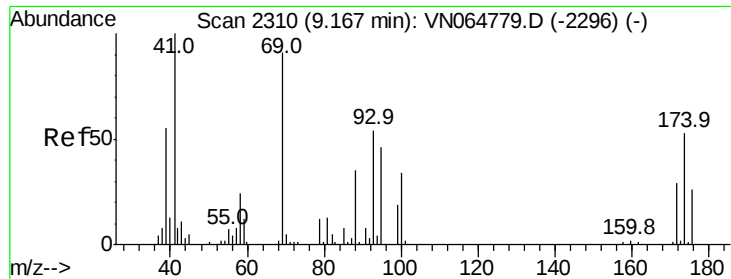


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)





#49

1,4-Dioxane

Concen: 322.642 ug/l

RT: 9.17 min Scan# 2310

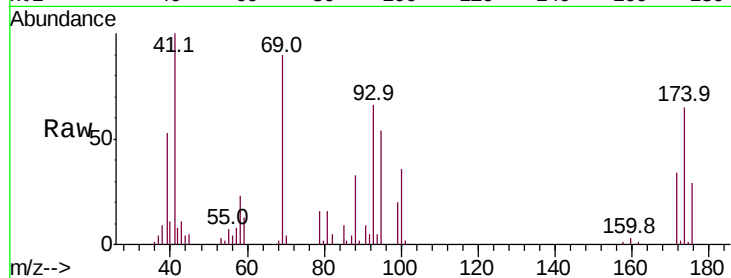
Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tot Ion: 88 Resp: 12747

Ion	Ratio	Lower	Upper
88	100		
43	32.8	24.2	36.4
58	70.6	52.5	78.7

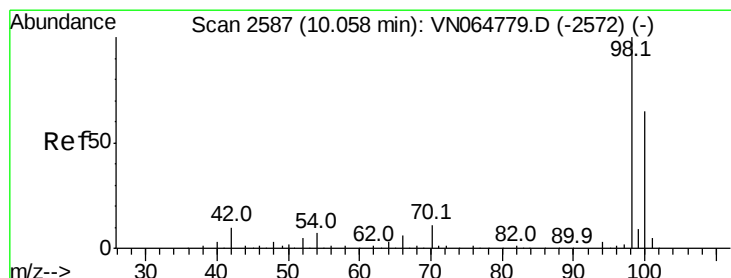
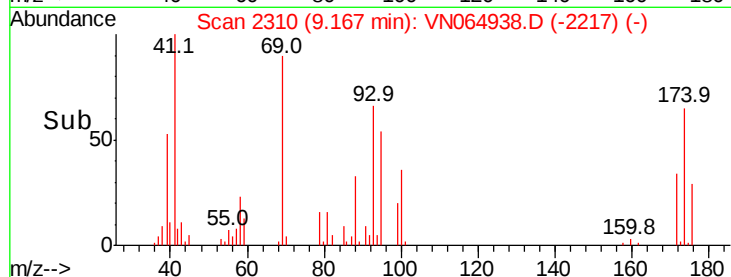
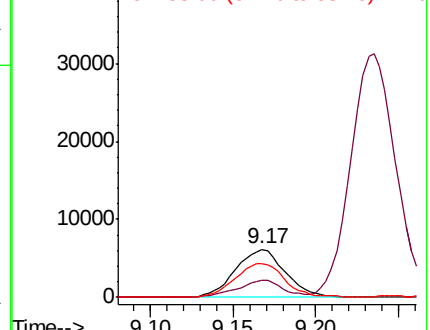


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 49.094 ug/l

RT: 10.06 min Scan# 2587

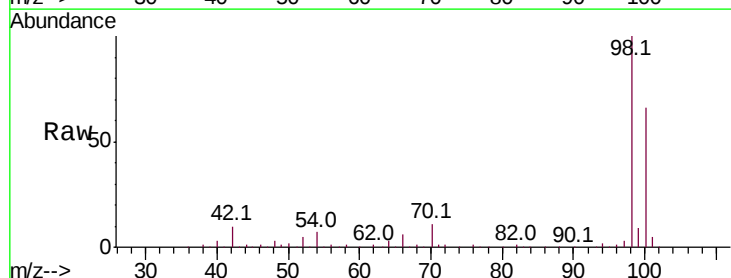
Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tgt Ion: 98 Resp: 365477

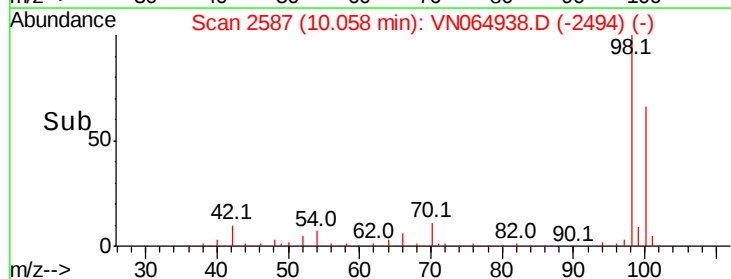
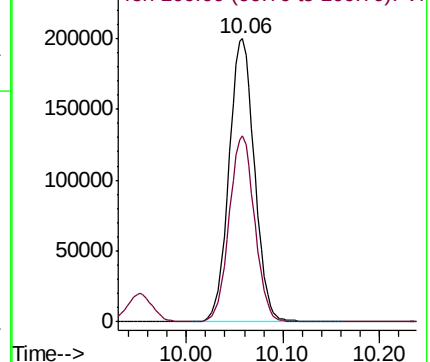
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.7	77.5

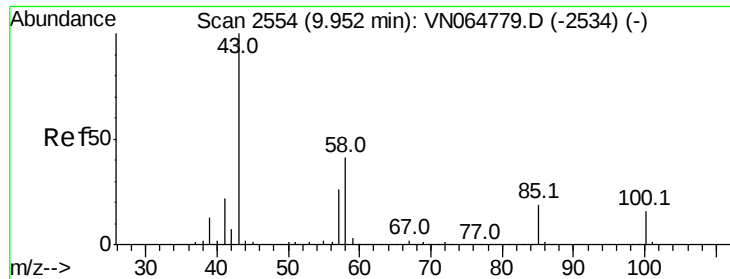


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 86.850 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064938.D

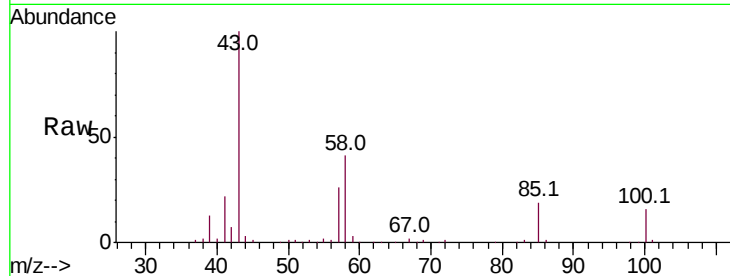
Acq: 7 Dec 2020 12:23

Tot Ion: 43 Resp: 228093

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

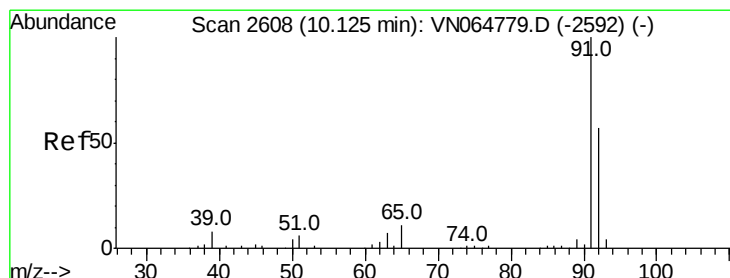
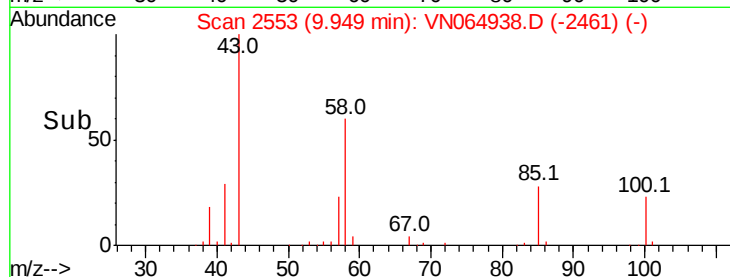
9.95

100000

50000

0

Time-->



#52

Toluene

Concen: 18.091 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064938.D

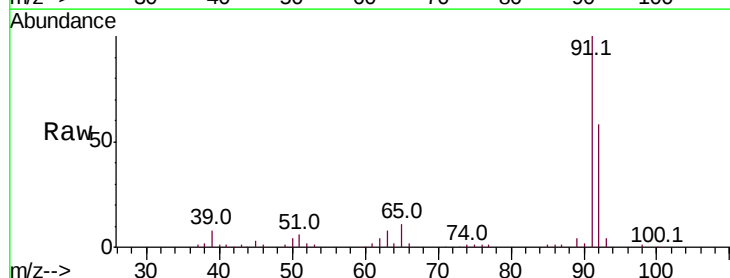
Acq: 7 Dec 2020 12:23

Tgt Ion: 92 Resp: 96355

Ion Ratio Lower Upper

92 100

91 172.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

100000

80000

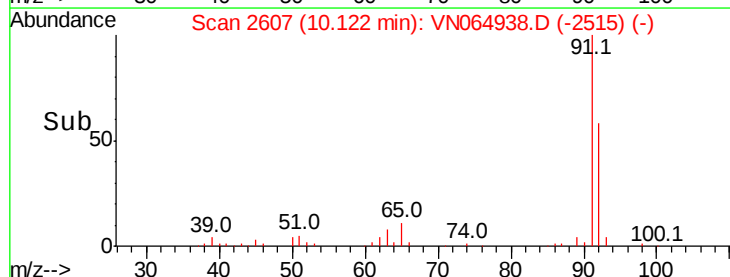
60000

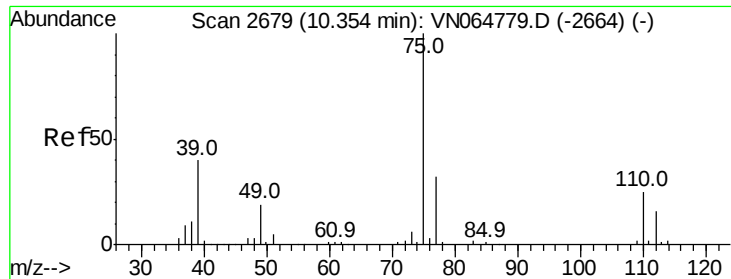
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.855 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064938.D

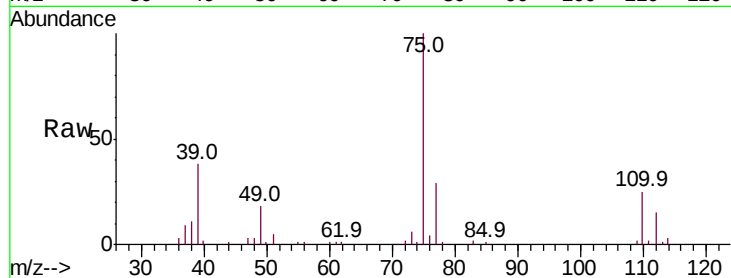
Acq: 7 Dec 2020 12:23

Tot Ion: 75 Resp: 59872

Ion Ratio Lower Upper

75 100

77 28.8 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

30000

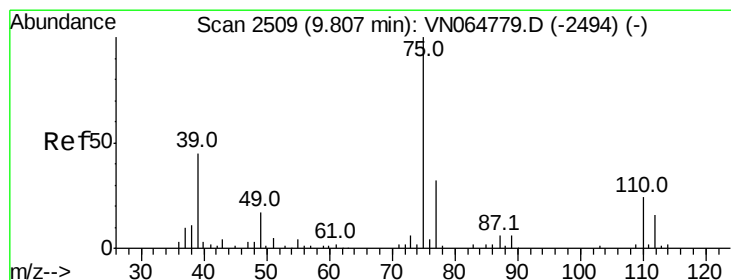
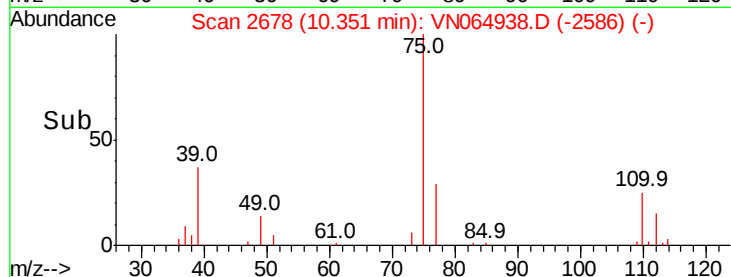
20000

10000

0

Time-->

10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 18.114 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

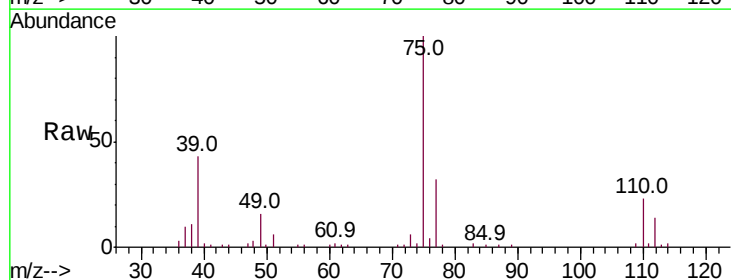
Tgt Ion: 75 Resp: 65107

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 42.6 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

40000

30000

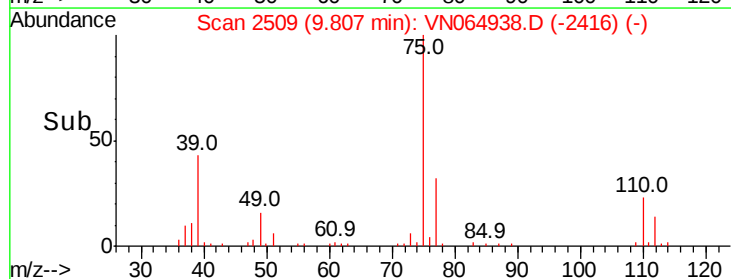
20000

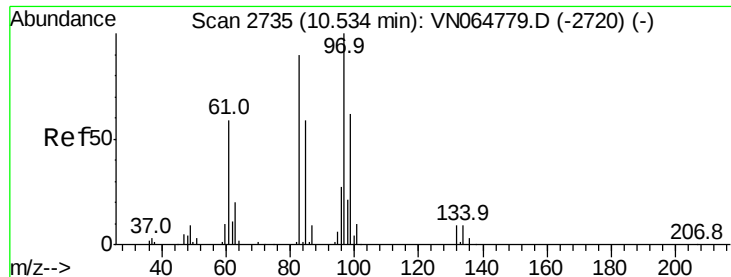
10000

0

Time-->

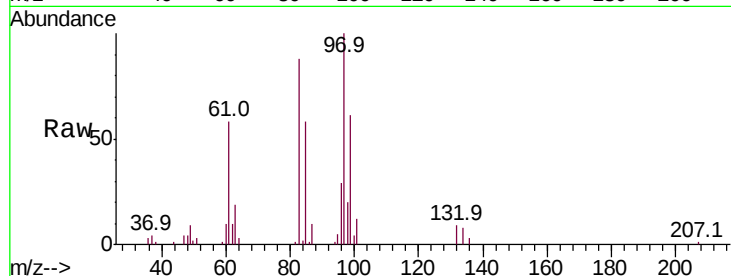
9.75 9.80 9.85 9.90





#55
1,1,2-Trichloroethane
Concen: 18.395 ug/l
RT: 10.53 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tot Ion:	97	Resp:	40287
Ion	Ratio	Lower	Upper
97	100		
83	87.7	72.1	108.1
85	58.3	46.8	70.2
99	60.6	49.6	74.4

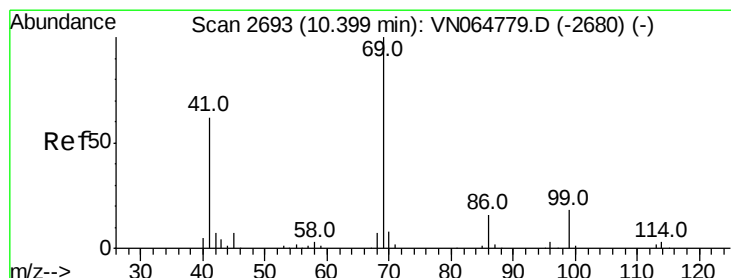
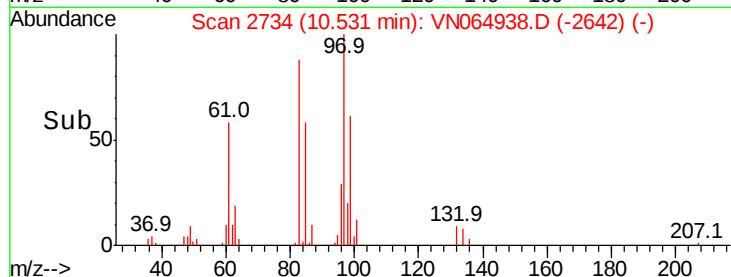
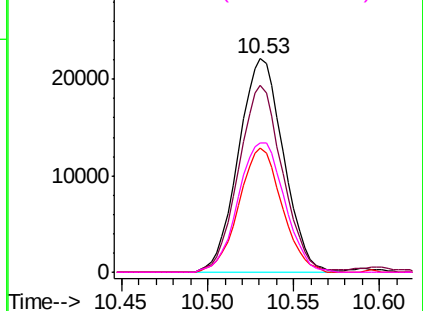


Abundance Ion 96.90 (96.60 to 97.60): VN064938.D (-2642) (-)

Ion 82.90 (82.60 to 83.60): VN064938.D (-2642) (-)

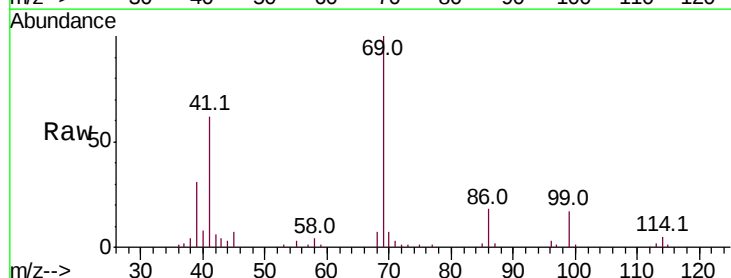
Ion 84.90 (84.60 to 85.60): VN064938.D (-2642) (-)

Ion 98.90 (98.60 to 99.60): VN064938.D (-2642) (-)



#56
Ethyl methacrylate
Concen: 17.716 ug/l
RT: 10.40 min Scan# 2693
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

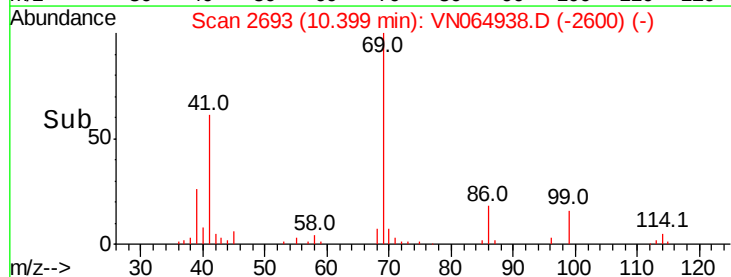
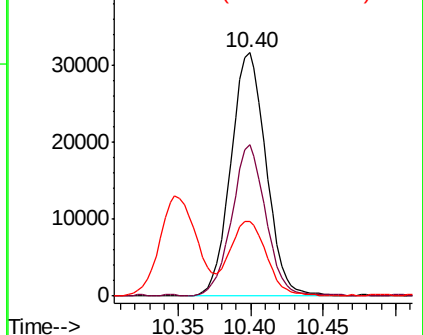
Tgt Ion:	69	Resp:	53545
Ion	Ratio	Lower	Upper
69	100		
41	59.7	49.4	74.0
39	32.0	25.9	38.9

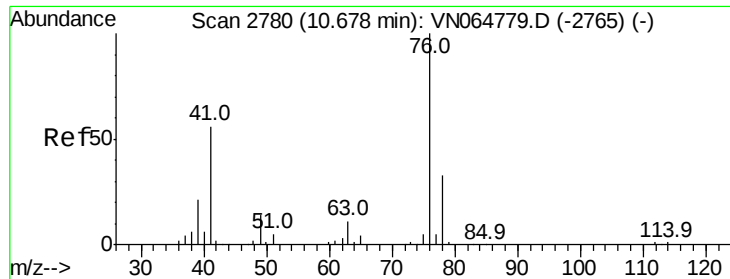


Abundance Ion 69.00 (68.70 to 69.70): VN064938.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064938.D (-2600) (-)

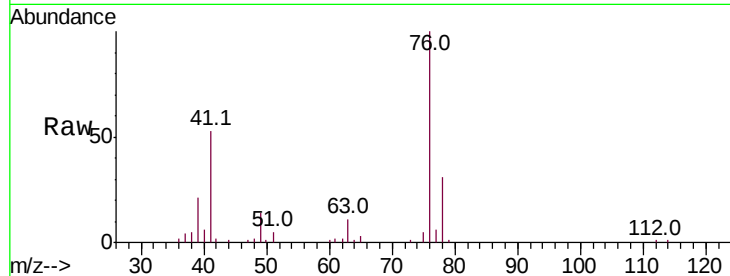
Ion 39.00 (38.70 to 39.70): VN064938.D (-2600) (-)



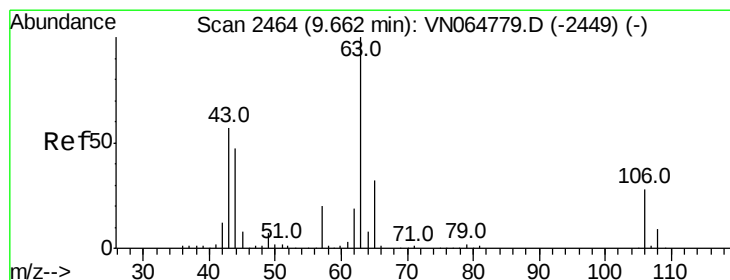
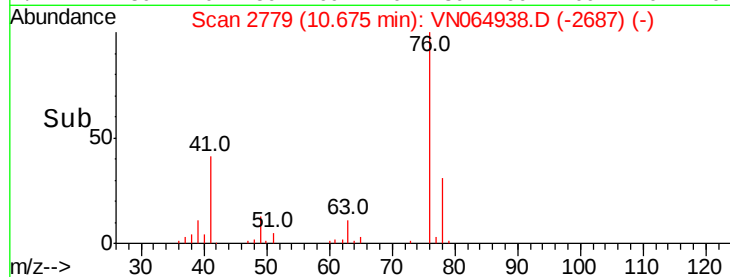
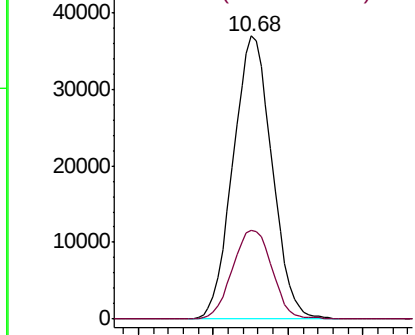


#57
 1,3-Dichloropropane
 Concen: 18.531 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tot Ion: 76 Resp: 66951
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1

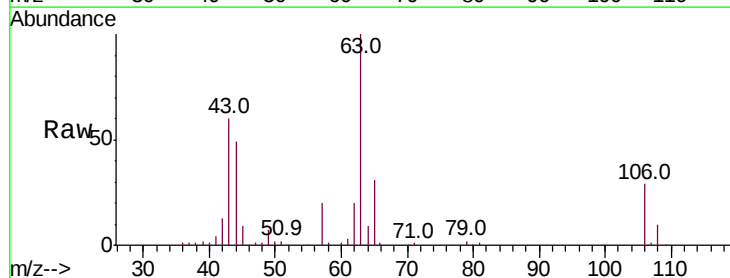


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

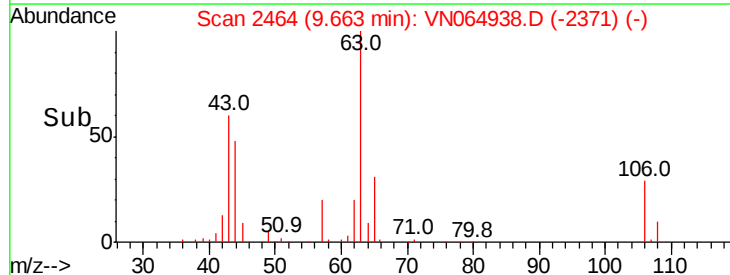
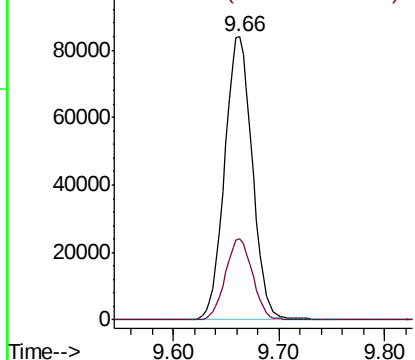


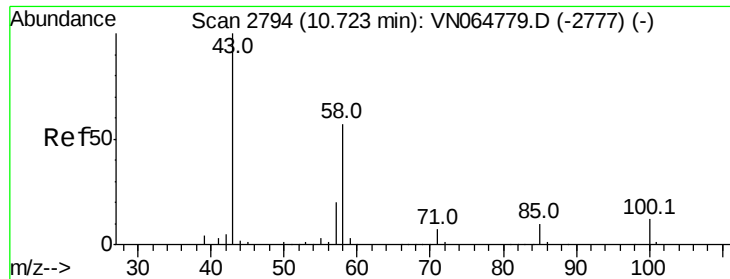
#58
 2-Chloroethyl Vinyl ether
 Concen: 91.557 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tgt Ion: 63 Resp: 152213
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1



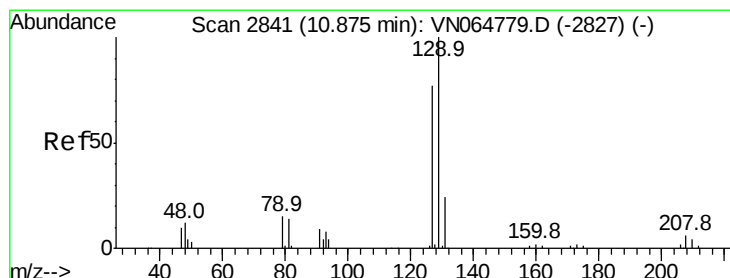
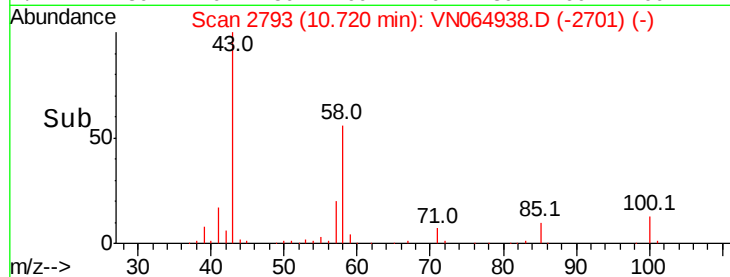
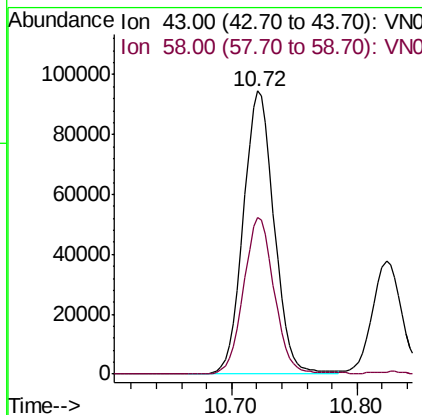
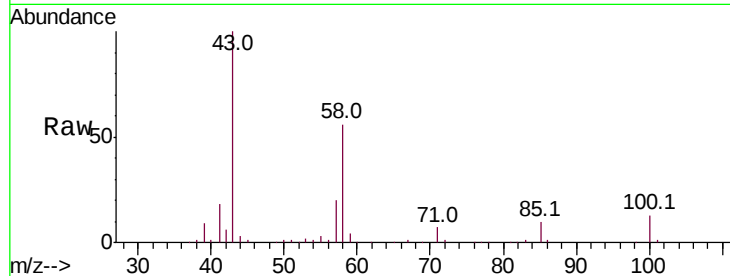
Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V





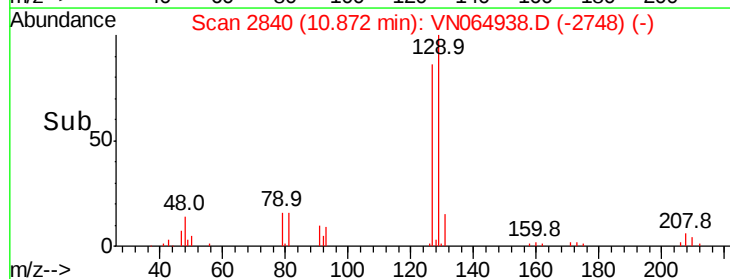
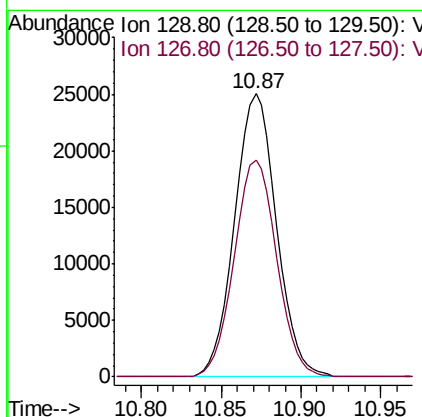
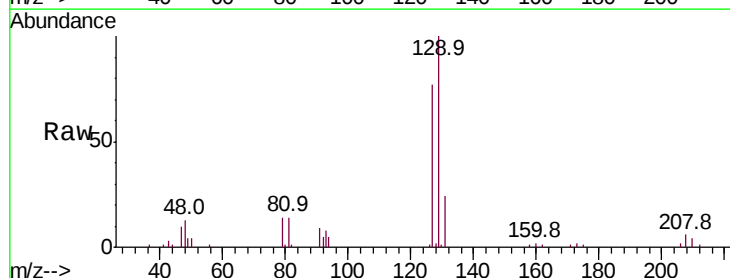
#59
2-Hexanone
Concen: 85.700 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

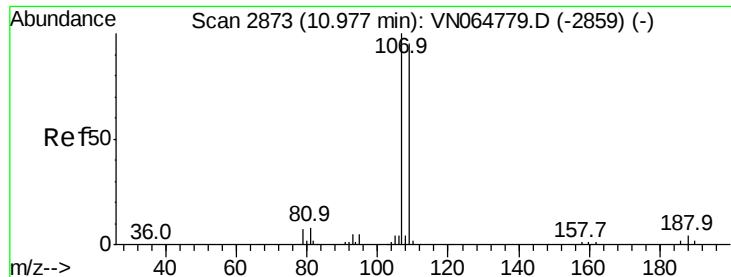
Tot Ion: 43 Resp: 161982
Ion Ratio Lower Upper
43 100
58 55.3 28.3 84.9



#60
Dibromochloromethane
Concen: 18.300 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion: 129 Resp: 44553
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.630 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064938.D

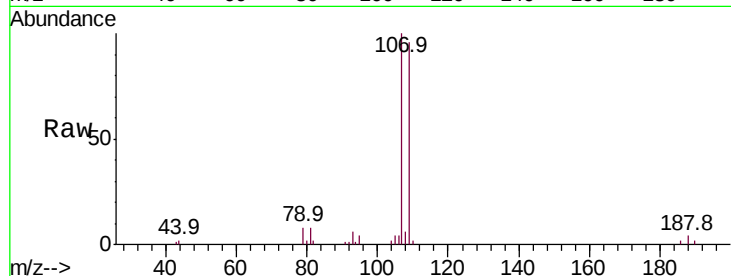
Acq: 7 Dec 2020 12:23

Tot Ion: 107 Resp: 39230

Ion Ratio Lower Upper

107 100

109 97.4 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

25000

20000

15000

10000

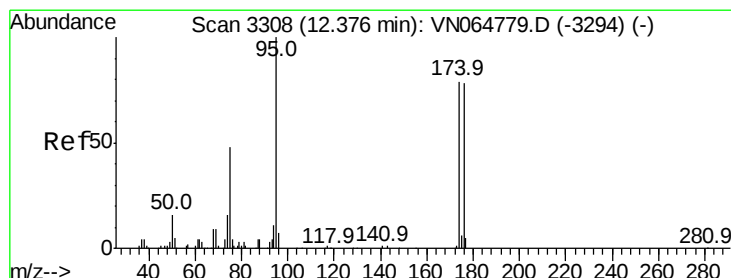
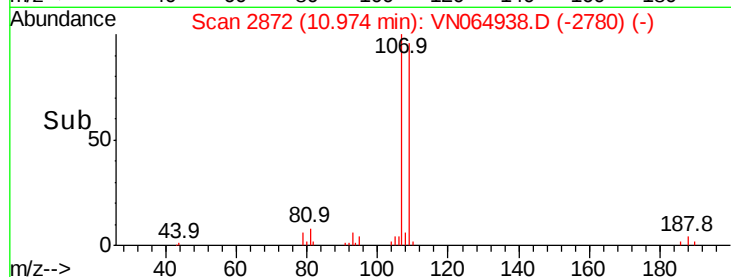
5000

0

Time-->

10.90 10.95 11.00 11.05

10.97



#62

4-Bromofluorobenzene

Concen: 48.647 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

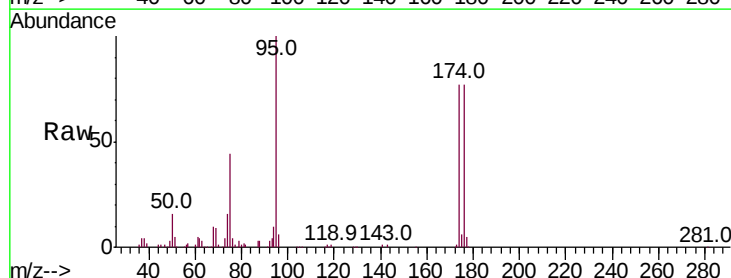
Tgt Ion: 95 Resp: 129606

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

176 79.8 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

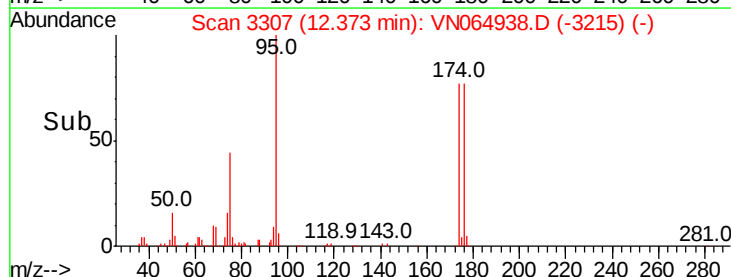
20000

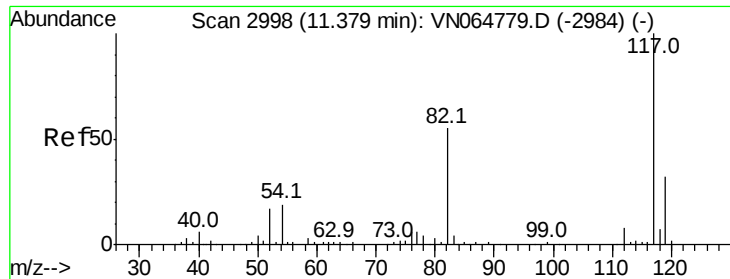
0

Time-->

12.30 12.35 12.40 12.45

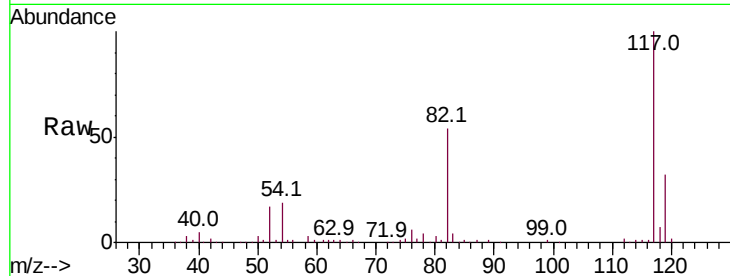
12.37



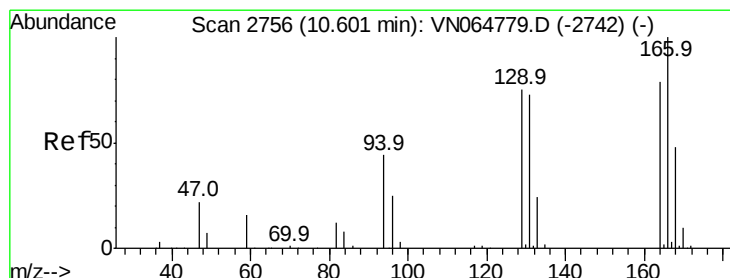
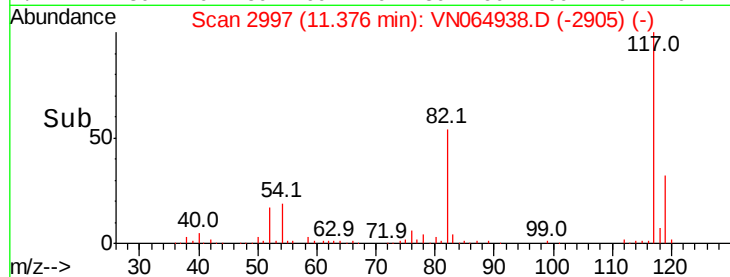
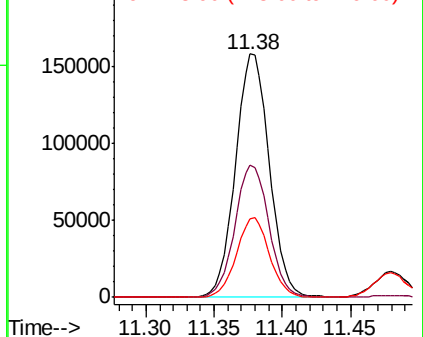


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tot Ion:117 Resp: 272189
Ion Ratio Lower Upper
117 100
82 54.2 44.2 66.2
119 32.0 25.8 38.6

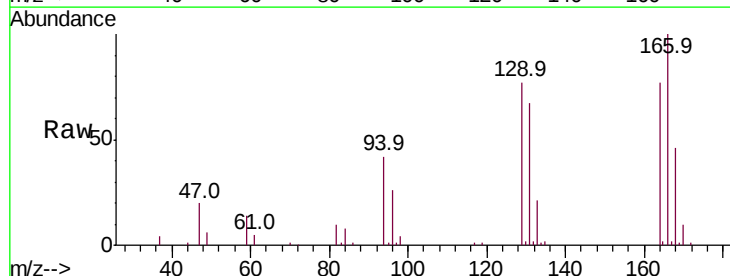


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

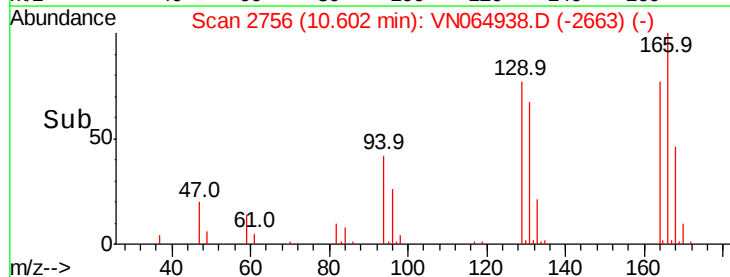
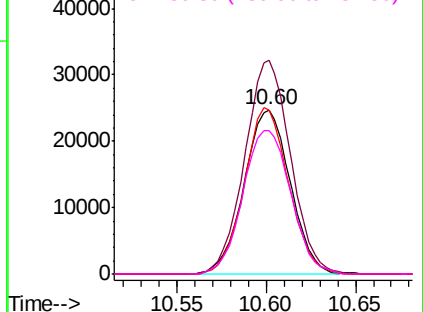


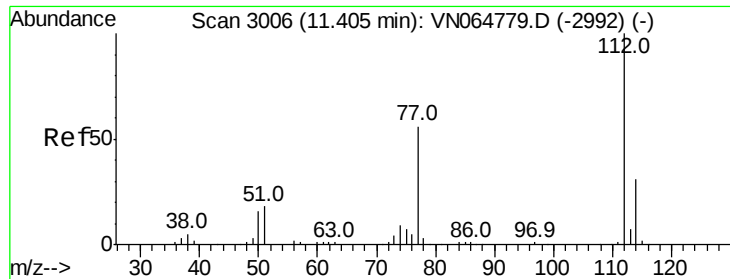
#64
Tetrachloroethene
Concen: 16.892 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion:164 Resp: 44732
Ion Ratio Lower Upper
164 100
166 130.2 101.4 152.0
129 99.8 76.1 114.1
131 87.6 74.2 111.2



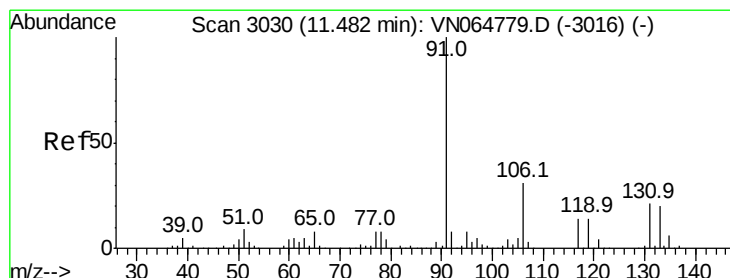
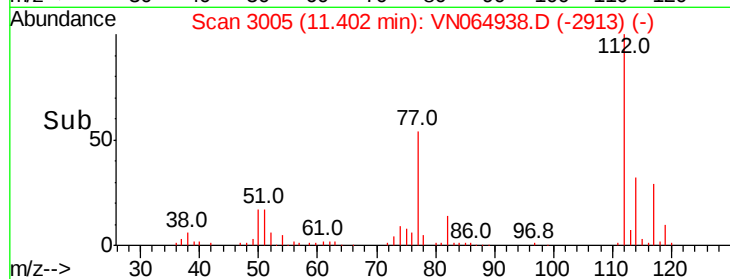
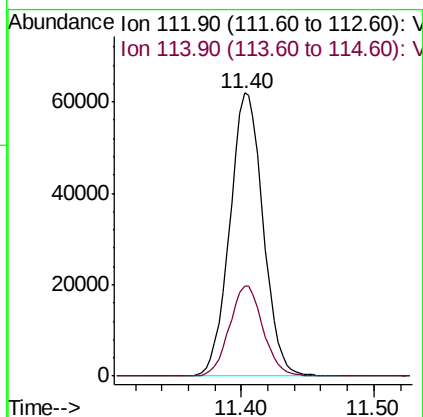
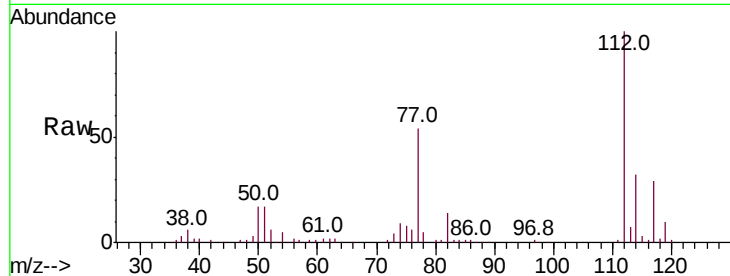
Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





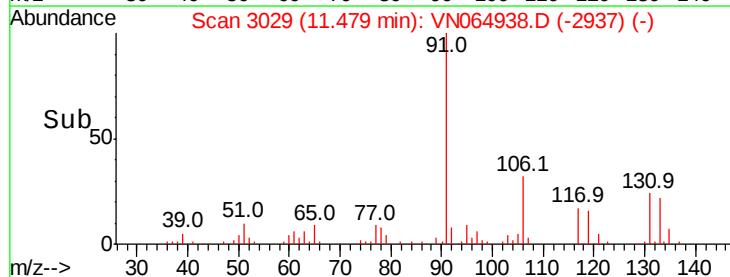
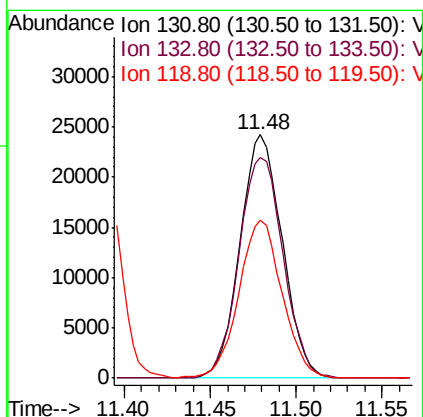
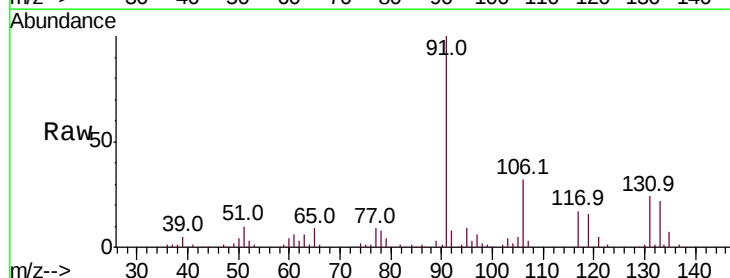
#65
Chlorobenzene
Concen: 18.455 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

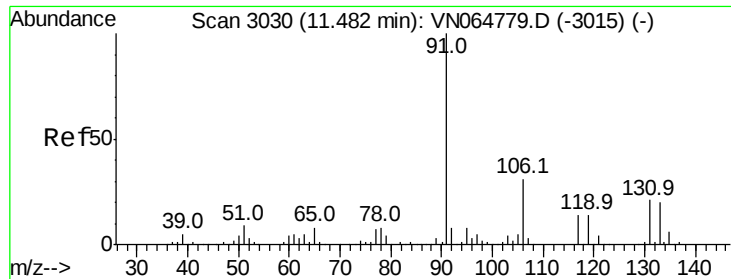
Tot Ion:112 Resp: 107872
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.246 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

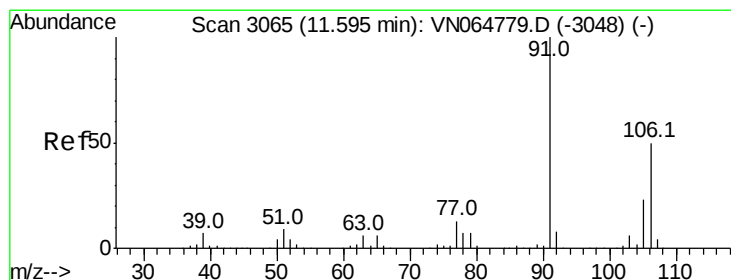
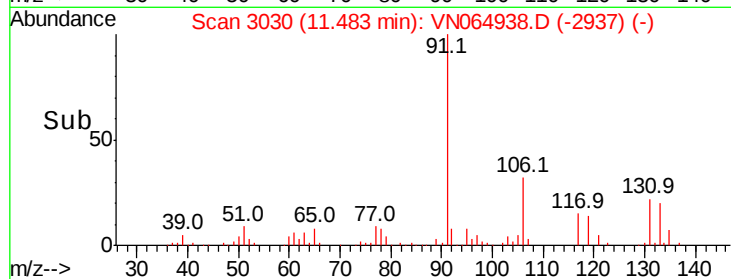
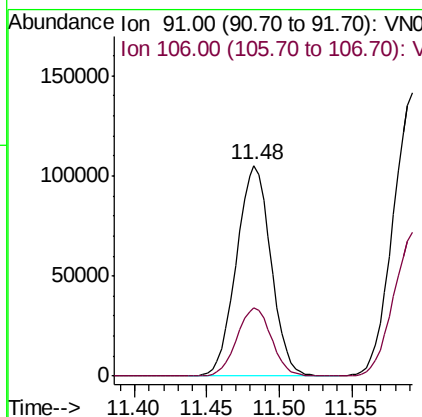
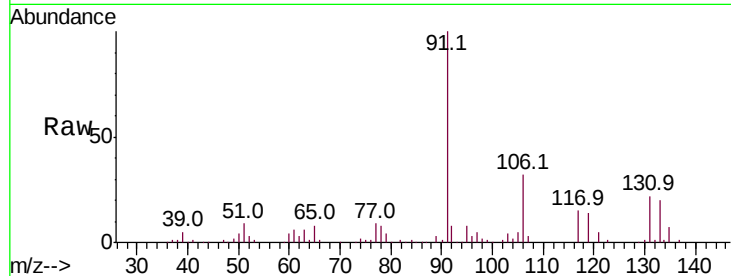
Tgt Ion:131 Resp: 41343
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 66.5 33.3 99.8





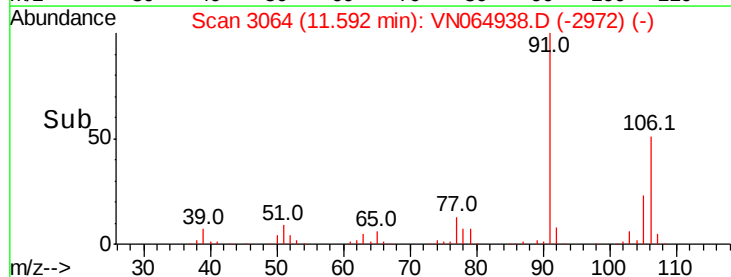
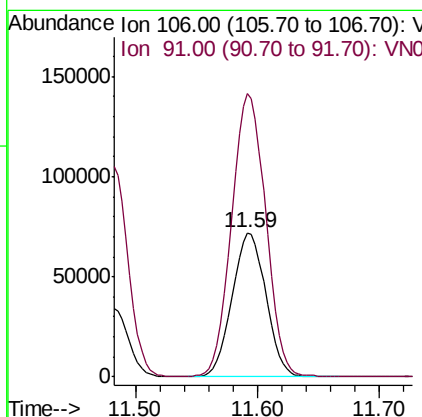
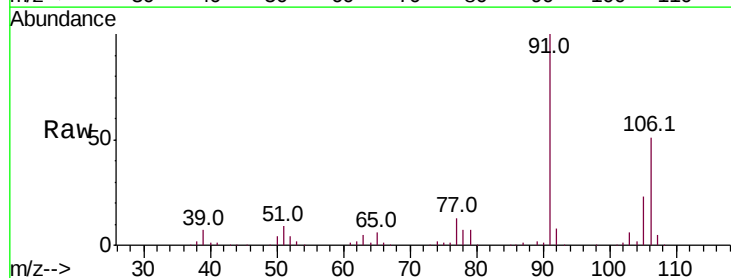
#67
Ethyl Benzene
Concen: 17.843 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

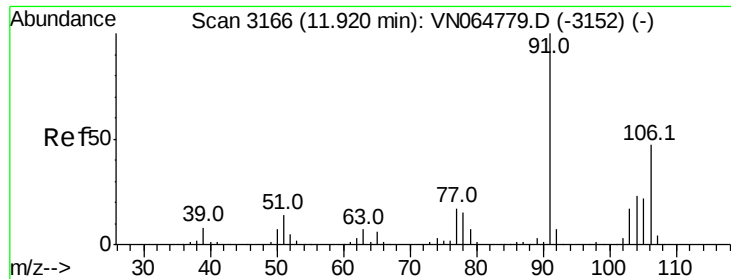
Tot Ion: 91 Resp: 174234
Ion Ratio Lower Upper
91 100
106 32.4 25.2 37.8



#68
m/p-Xylenes
Concen: 37.370 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

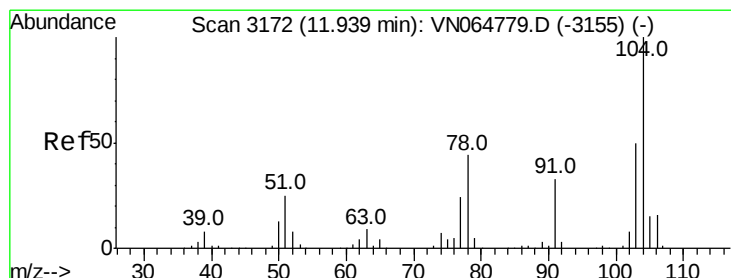
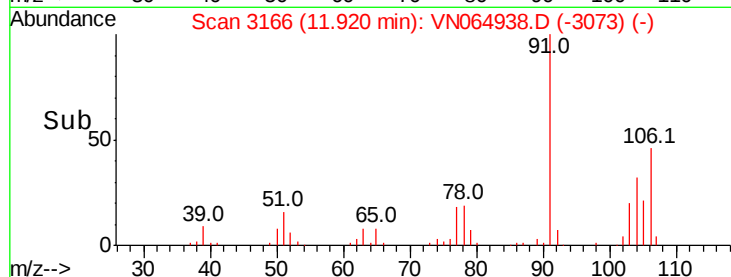
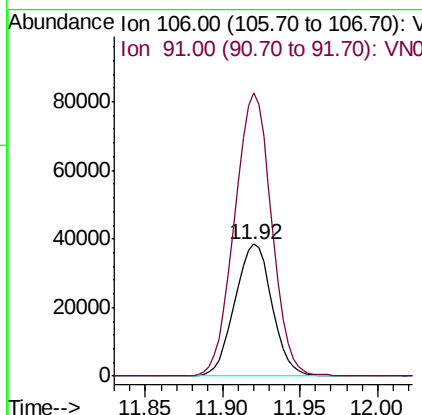
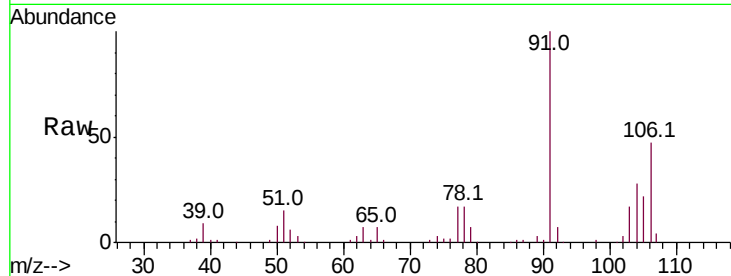
Tgt Ion:106 Resp: 138158
Ion Ratio Lower Upper
106 100
91 198.3 161.0 241.4





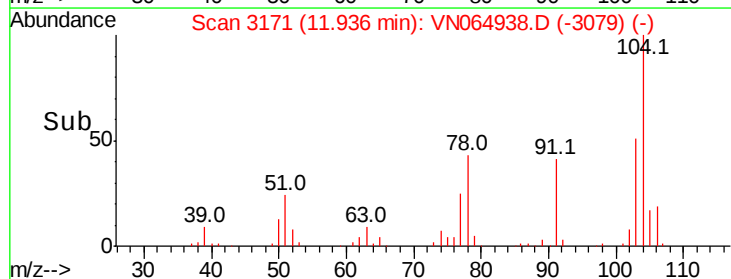
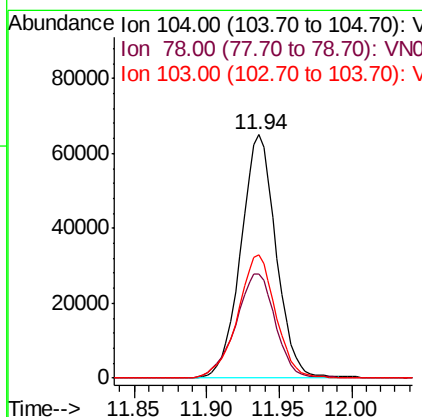
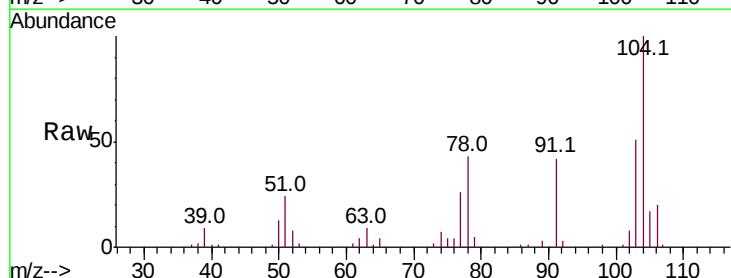
#69
o-Xylene
Concen: 18.394 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

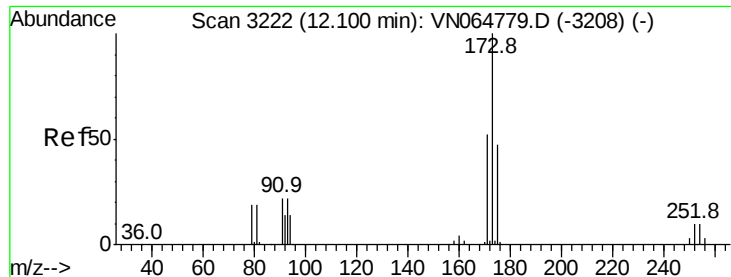
Tot Ion:106 Resp: 64532
Ion Ratio Lower Upper
106 100
91 213.9 105.5 316.5



#70
Styrene
Concen: 18.564 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion:104 Resp: 109944
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.2 44.3 66.5





#71

Bromoform

Concen: 18.215 ug/l

RT: 12.10 min Scan# 3222

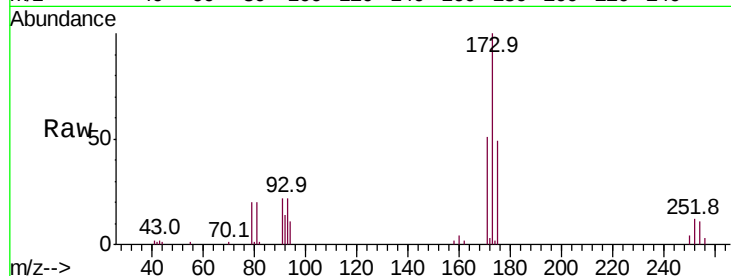
Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tot Ion:173 Resp: 31252

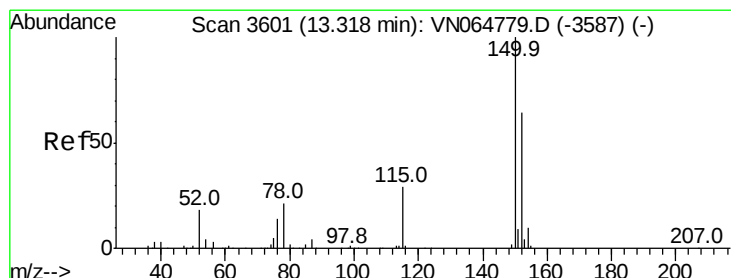
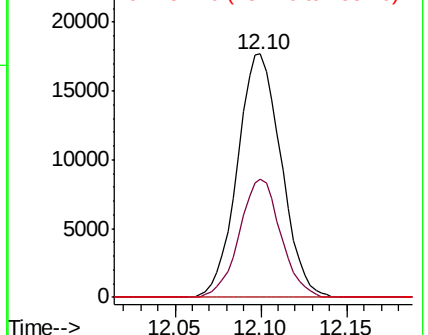
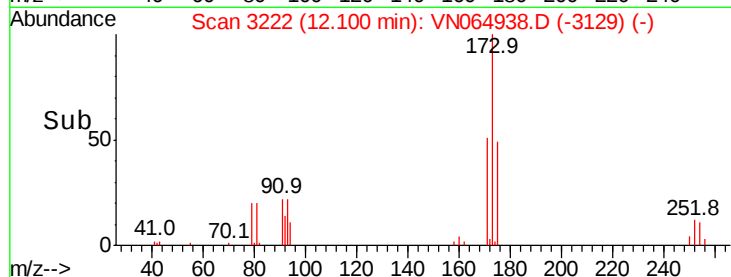
Ion	Ratio	Lower	Upper
173	100		
175	46.0	24.3	72.8
254	0.0	0.0	0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

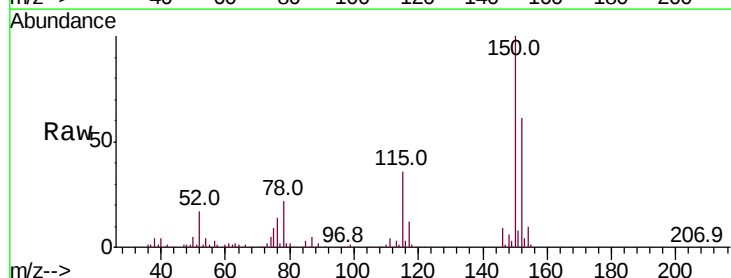
Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tgt Ion:152 Resp: 130885

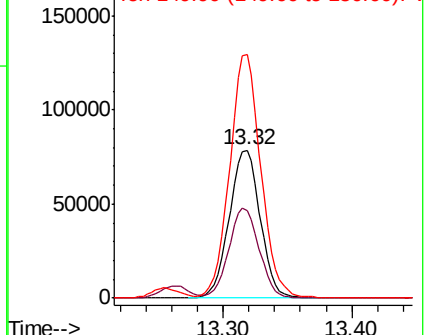
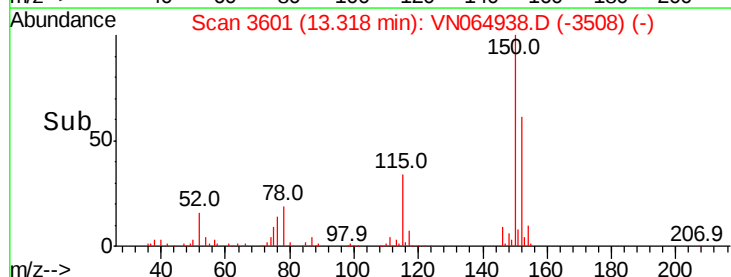
Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.7	89.1
150	166.0	0.0	350.6

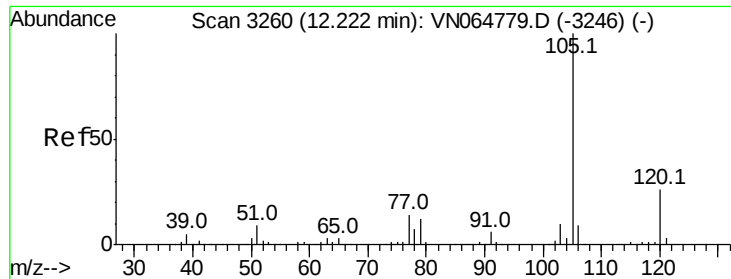


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.969 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064938.D

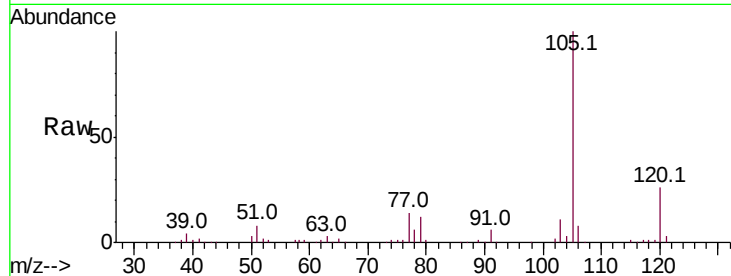
Acq: 7 Dec 2020 12:23

Tot Ion:105 Resp: 172690

Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

60000

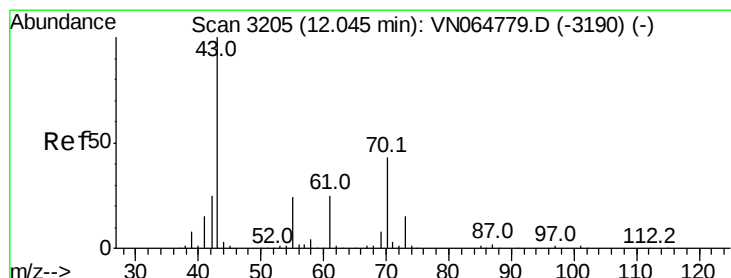
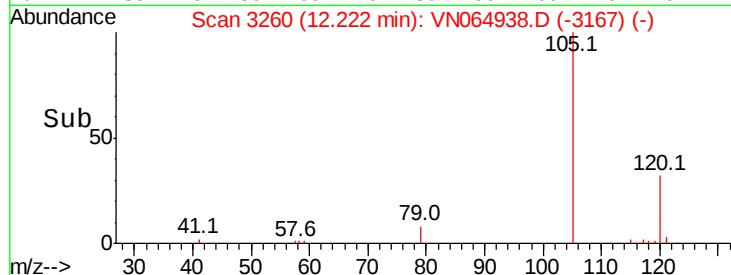
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 17.289 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

Tgt Ion: 43 Resp: 61942

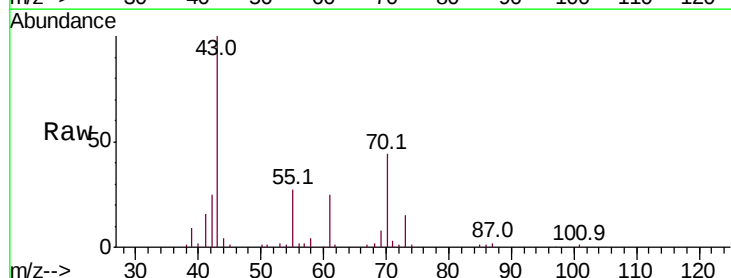
Ion Ratio Lower Upper

43 100

70 44.4 34.5 51.7

55 27.2 20.4 30.6

61 23.9 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

60000

50000

40000

30000

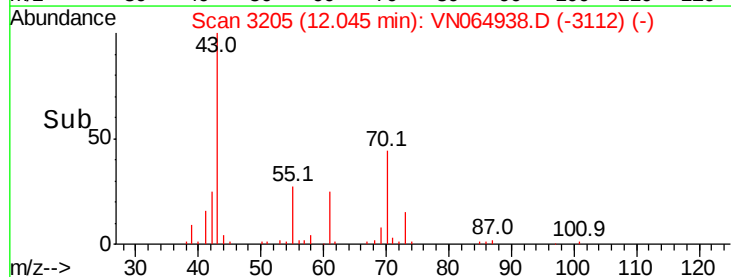
20000

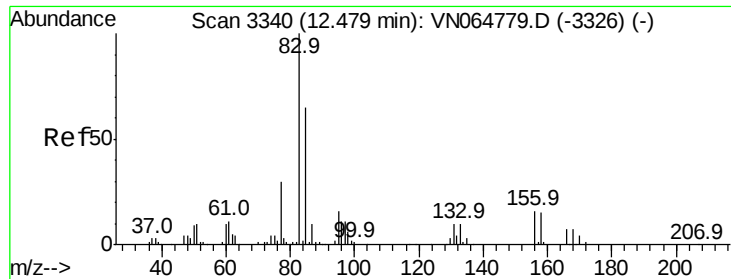
10000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.231 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

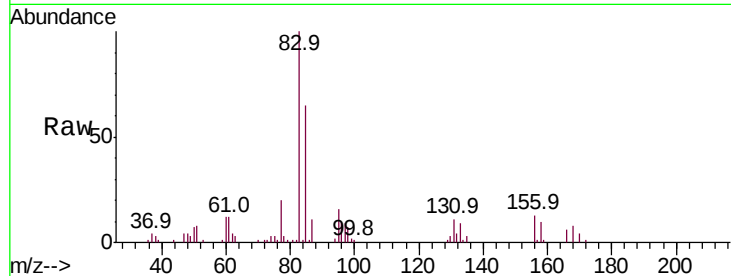
Tot Ion: 83 Resp: 51316

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.6 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)

12.48

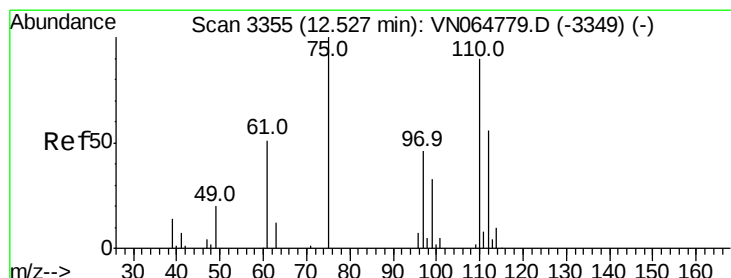
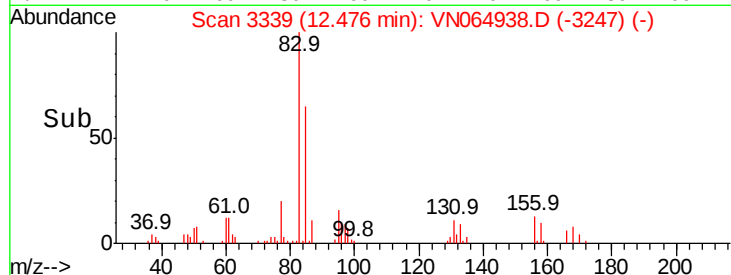
30000

20000

10000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 24.967 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064938.D

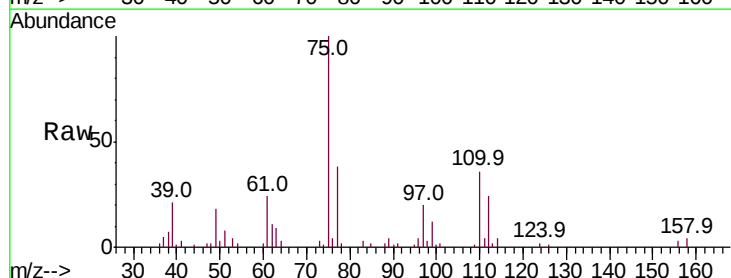
Acq: 7 Dec 2020 12:23

Tgt Ion: 75 Resp: 70375

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)

50000

40000

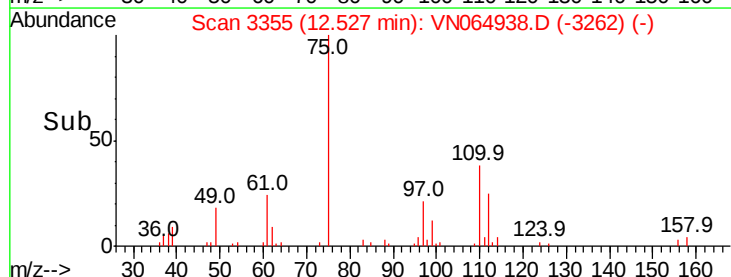
30000

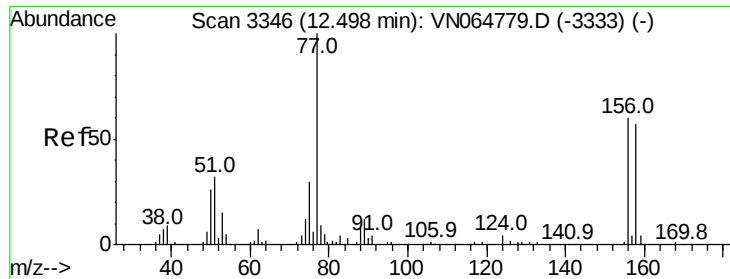
20000

10000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 18.245 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

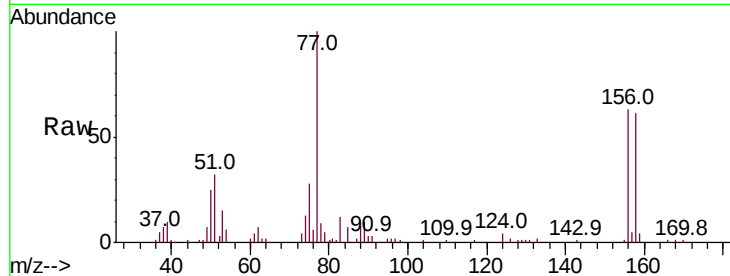
Tot Ion:156 Resp: 44781

Ion Ratio Lower Upper

156 100

77 201.4 101.3 303.7

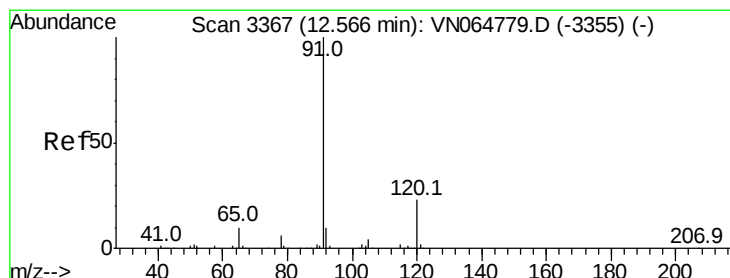
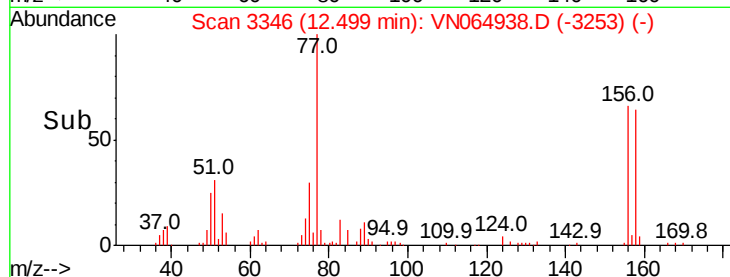
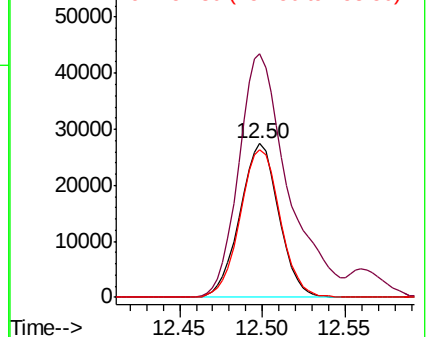
158 98.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.317 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064938.D

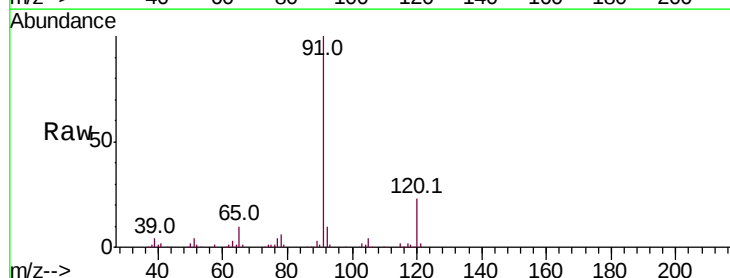
Acq: 7 Dec 2020 12:23

Tgt Ion: 91 Resp: 189970

Ion Ratio Lower Upper

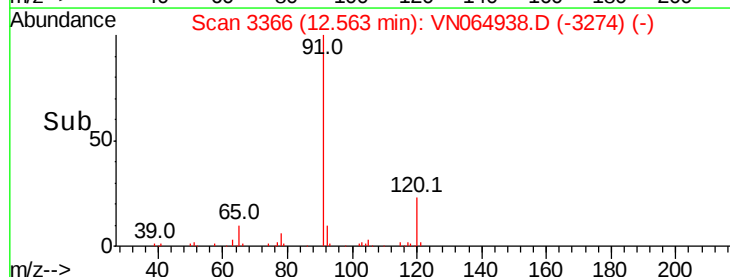
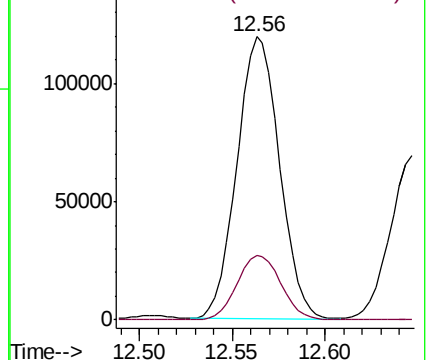
91 100

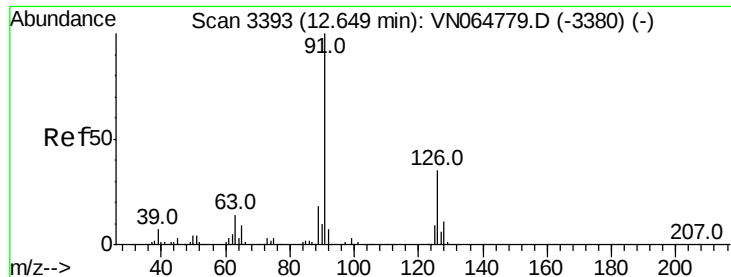
120 23.6 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.062 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064938.D

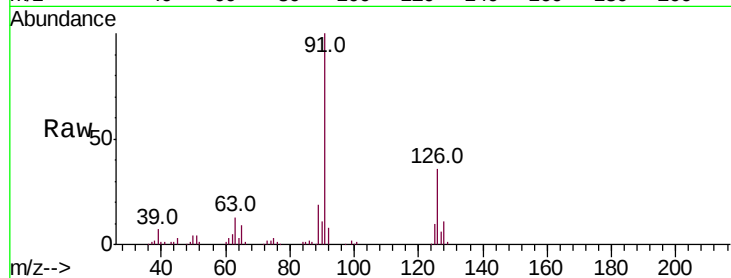
Acq: 7 Dec 2020 12:23

Tot Ion: 91 Resp: 115791

Ion Ratio Lower Upper

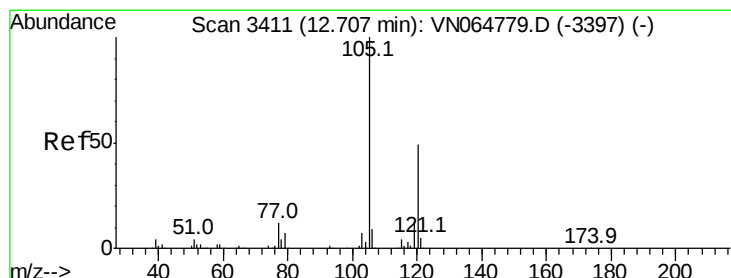
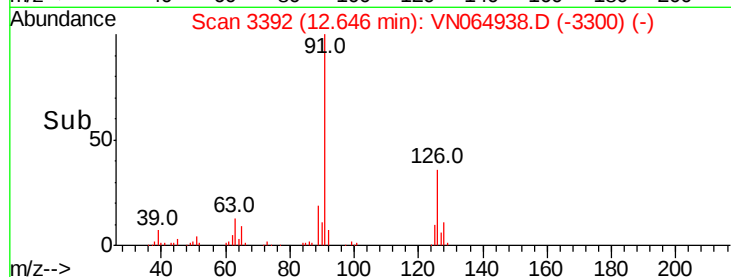
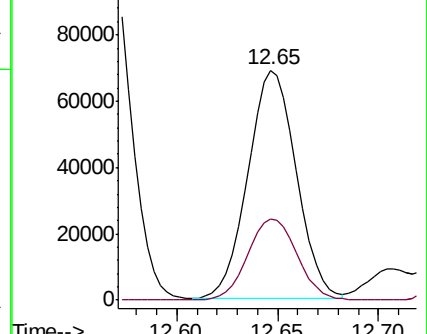
91 100

126 36.5 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.870 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064938.D

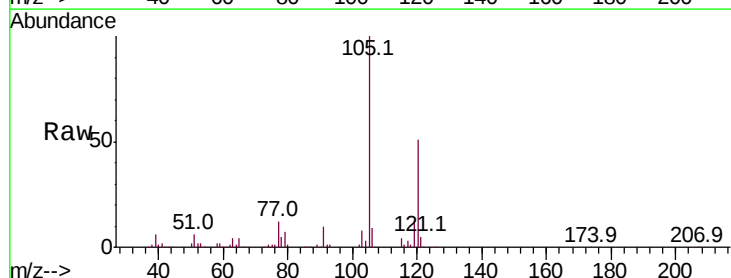
Acq: 7 Dec 2020 12:23

Tgt Ion: 105 Resp: 142796

Ion Ratio Lower Upper

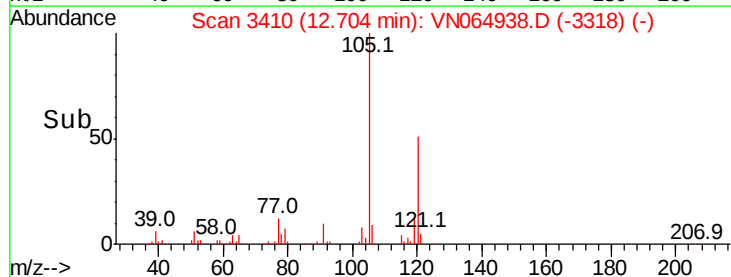
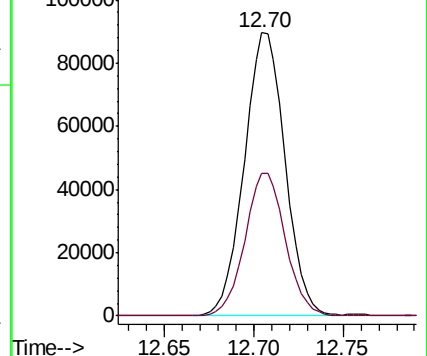
105 100

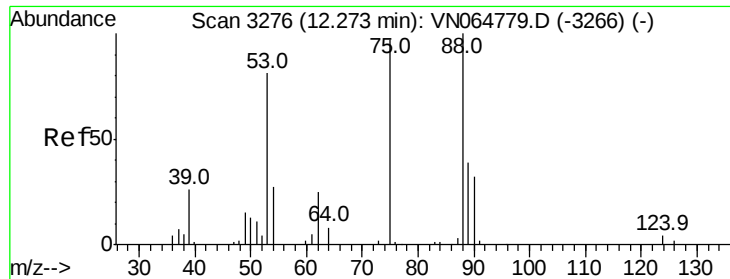
120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.201 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

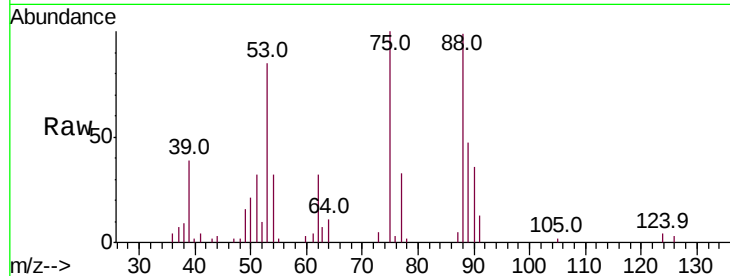
Tot Ion: 75 Resp: 16662

Ion Ratio Lower Upper

75 100

53 89.3 67.0 100.4

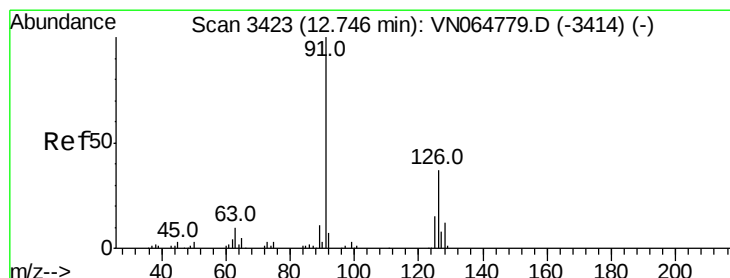
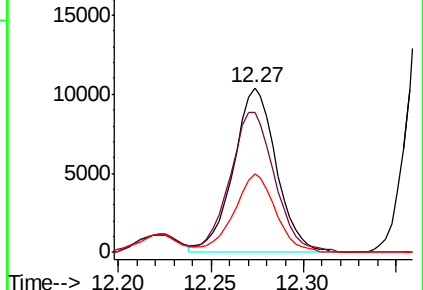
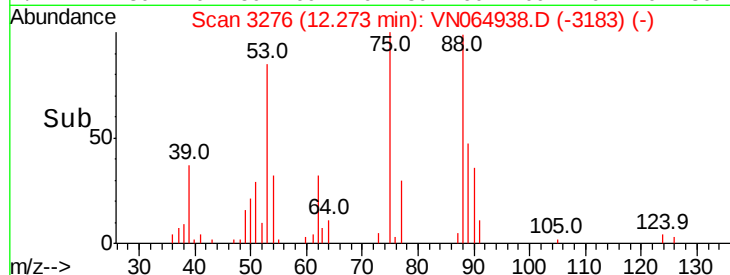
89 46.0 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN064938.D (-3183) (-)

Ion 53.00 (52.70 to 53.70): VN064938.D (-3183) (-)

Ion 88.90 (88.60 to 89.60): VN064938.D (-3183) (-)



#82

4-Chlorotoluene

Concen: 18.228 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064938.D

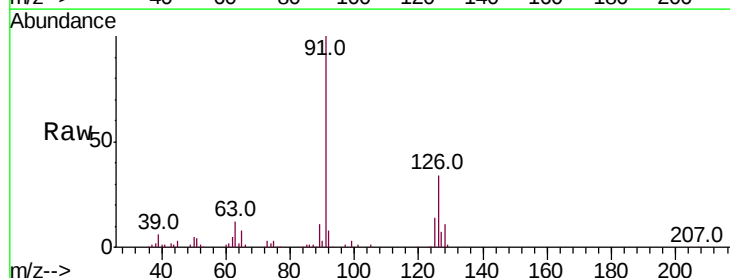
Acq: 7 Dec 2020 12:23

Tgt Ion: 91 Resp: 122488

Ion Ratio Lower Upper

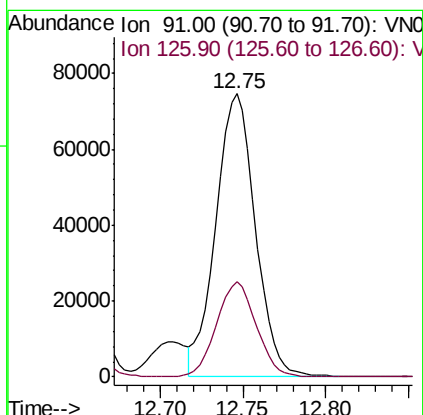
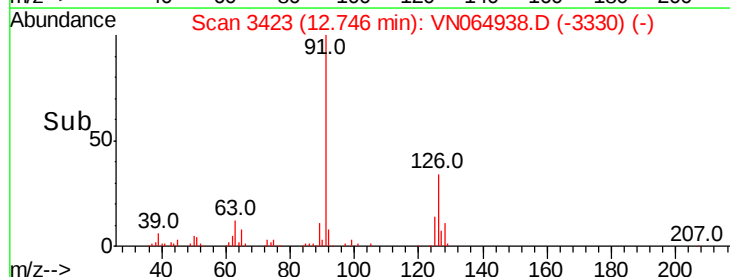
91 100

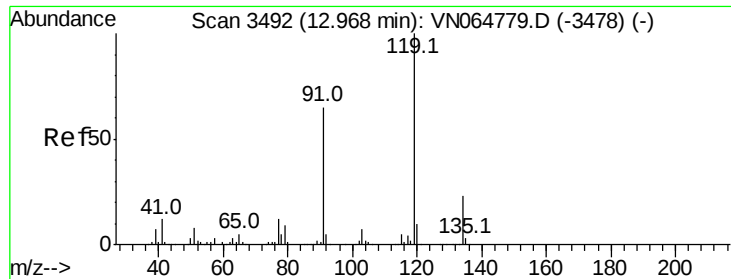
126 34.2 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN064938.D (-3330) (-)

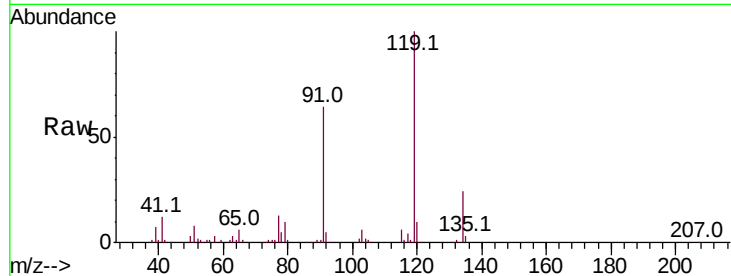
Ion 125.90 (125.60 to 126.60): VN064938.D (-3330) (-)



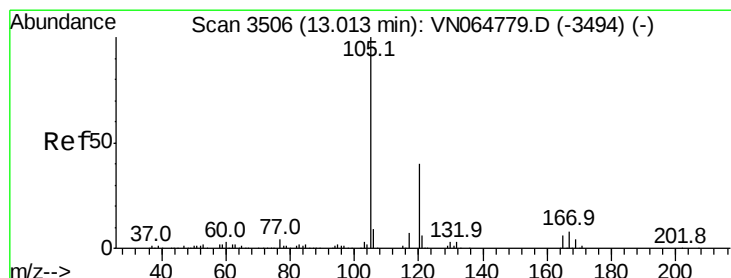
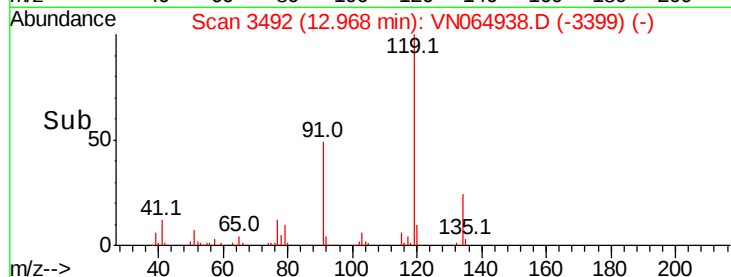
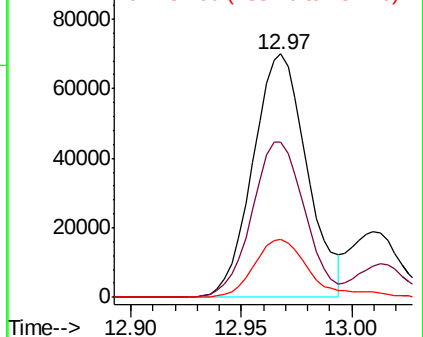


#83
tert-Butylbenzene
Concen: 18.771 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tot Ion:119 Resp: 119058
Ion Ratio Lower Upper
119 100
91 62.4 32.3 96.8
134 24.8 12.6 37.6

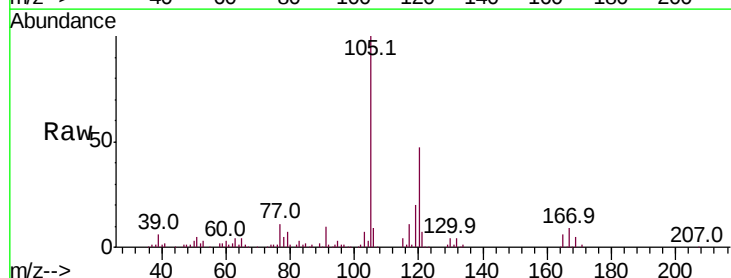


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

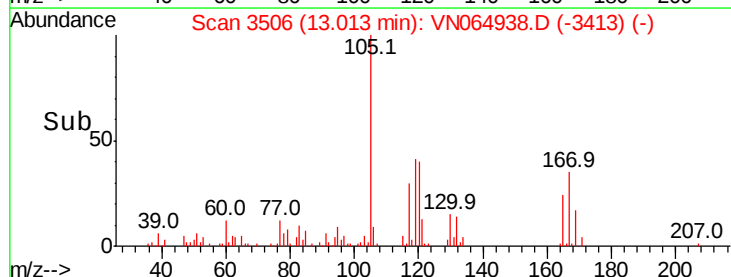
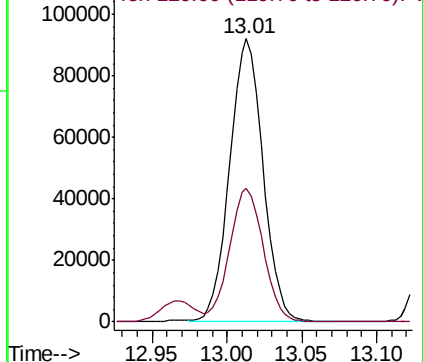


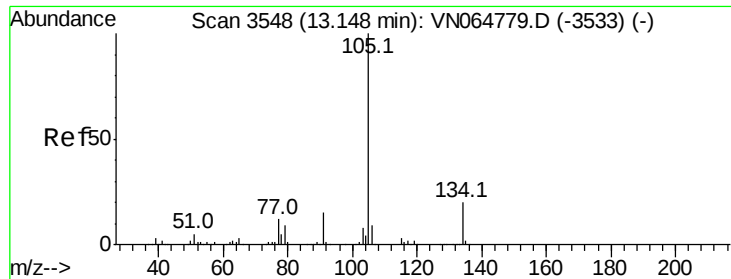
#84
1,2,4-Trimethylbenzene
Concen: 18.574 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion:105 Resp: 142108
Ion Ratio Lower Upper
105 100
120 48.1 23.1 69.2



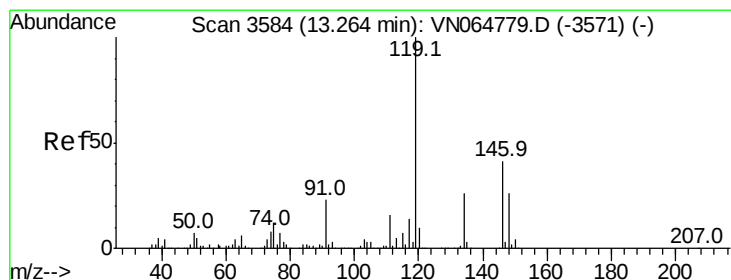
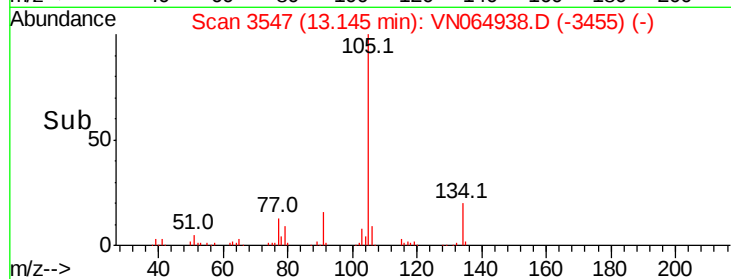
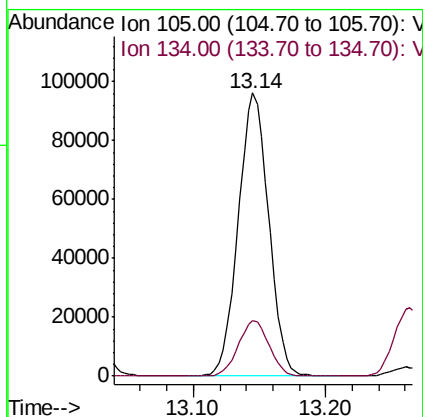
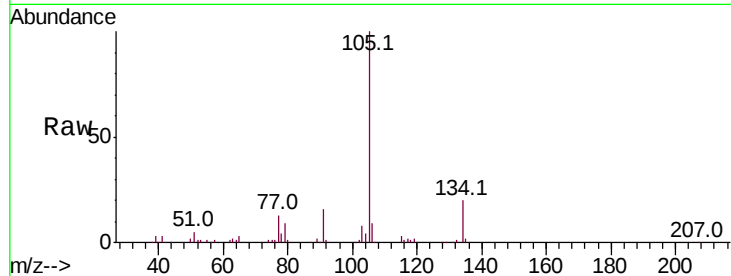
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





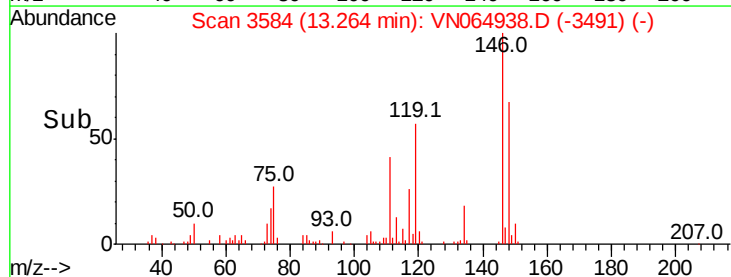
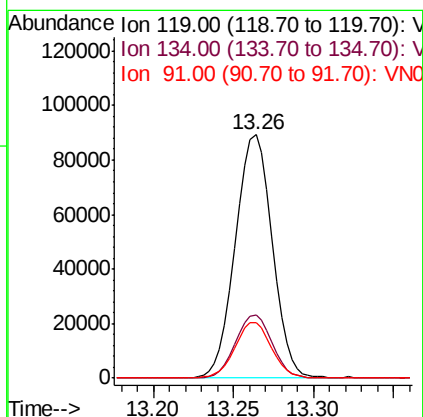
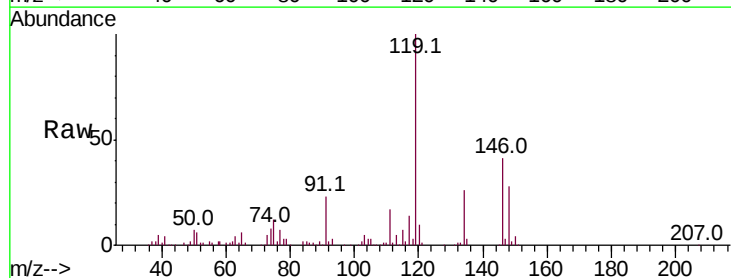
#85
 sec-Butylbenzene
 Concen: 18.208 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

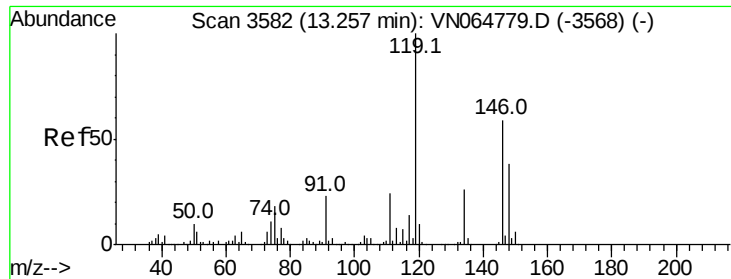
Tot Ion:105 Resp: 153342
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 18.321 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

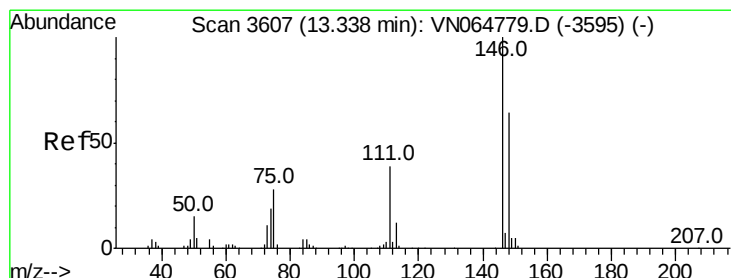
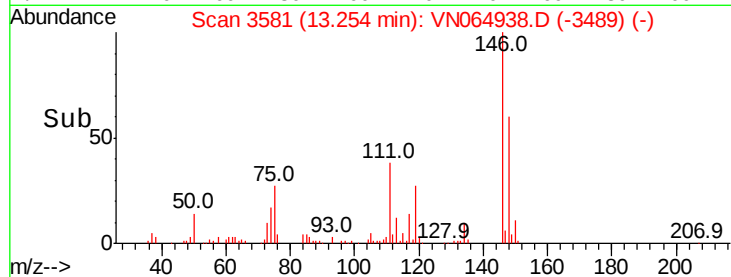
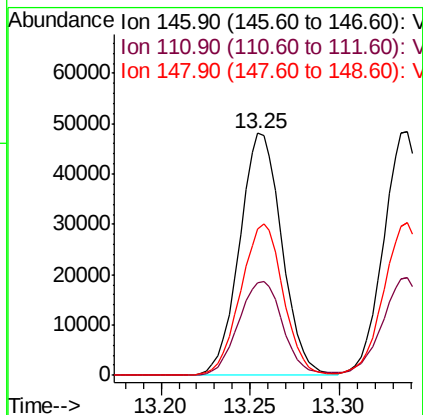
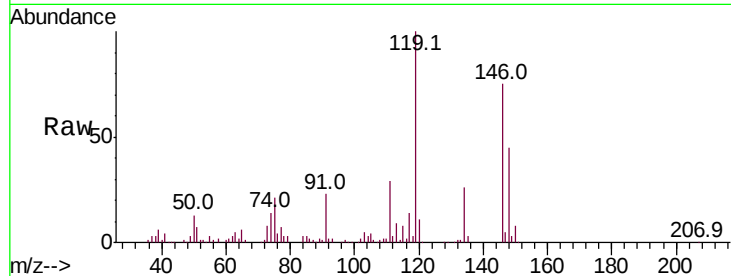
Tgt Ion:119 Resp: 140470
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.1 39.1
 91 22.6 11.5 34.5





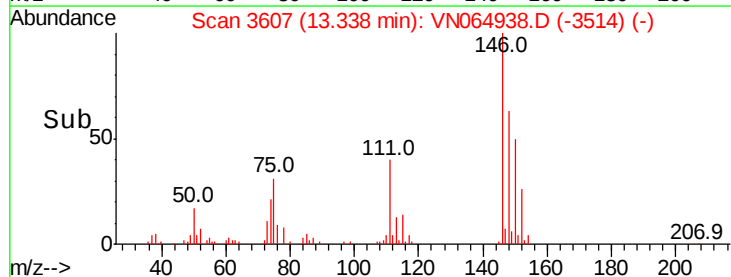
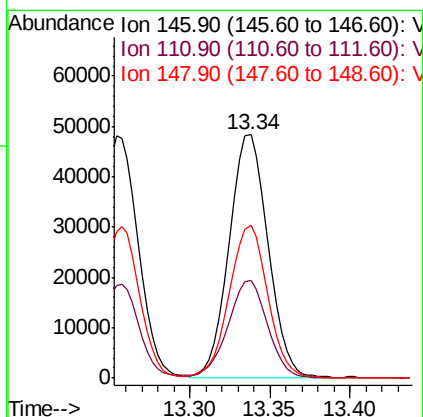
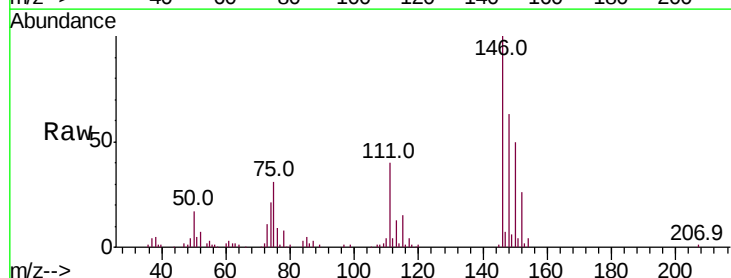
#87
 1,3-Dichlorobenzene
 Concen: 18.241 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

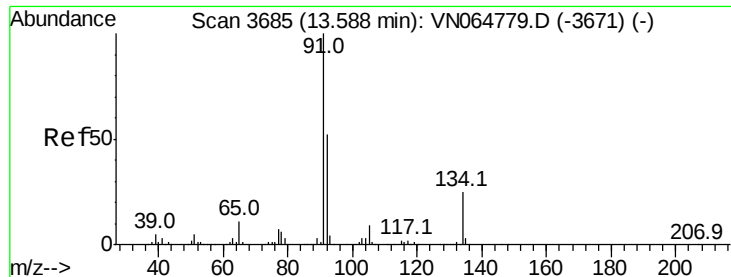
Tot Ion:146 Resp: 79543
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.6 61.9
 148 63.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.299 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

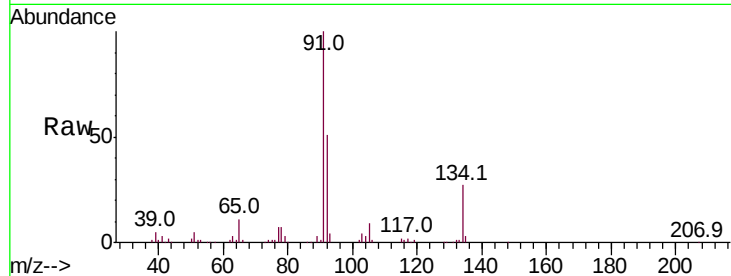
Tgt Ion:146 Resp: 79775
 Ion Ratio Lower Upper
 146 100
 111 41.1 19.8 59.3
 148 62.6 31.9 95.5



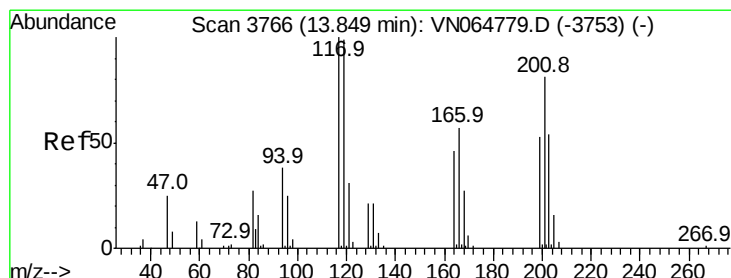
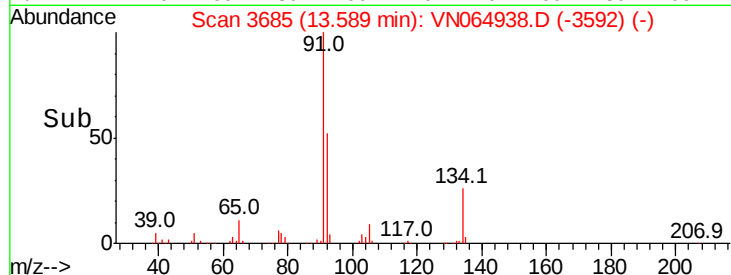
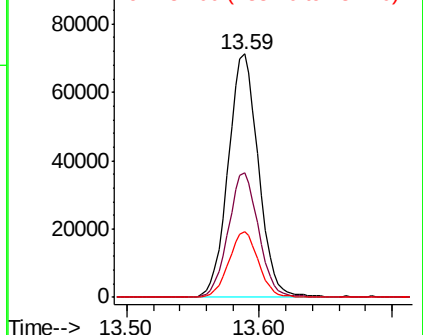


#89
n-Butylbenzene
Concen: 16.783 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tot Ion: 91 Resp: 113002
Ion Ratio Lower Upper
91 100
92 51.3 26.0 78.0
134 26.4 12.9 38.6

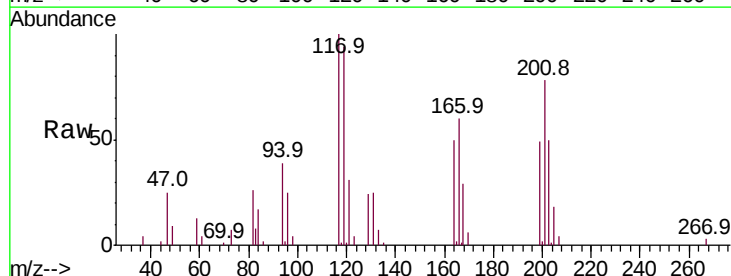


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

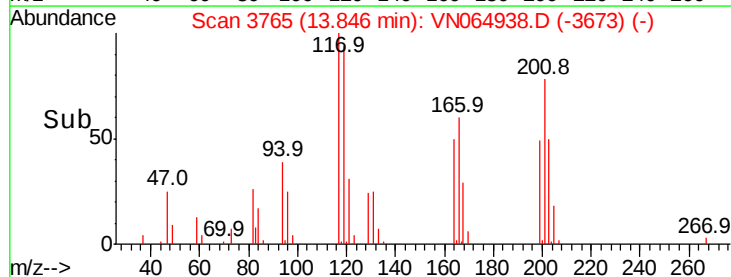
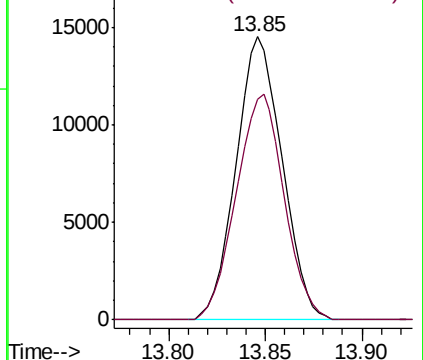


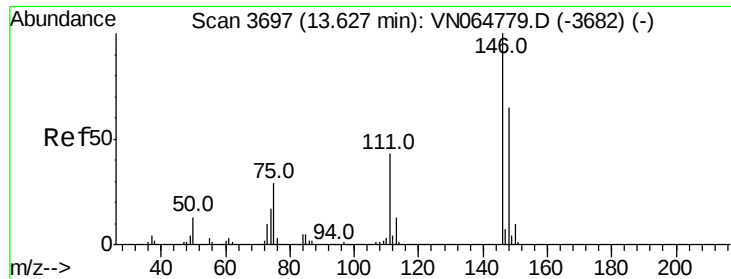
#90
Hexachloroethane
Concen: 18.059 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064938.D
Acq: 7 Dec 2020 12:23

Tgt Ion: 117 Resp: 24053
Ion Ratio Lower Upper
117 100
201 82.9 40.1 120.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.481 ug/l

RT: 13.62 min Scan# 3696

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

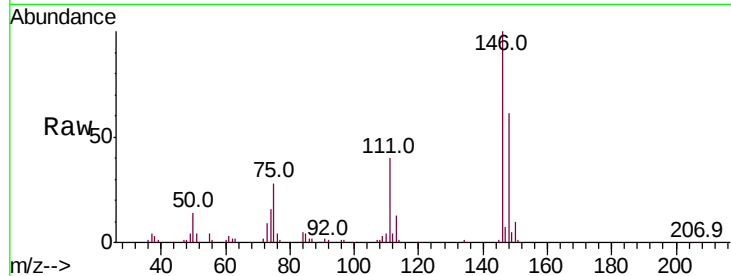
Tot Ion:146 Resp: 79130

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.1

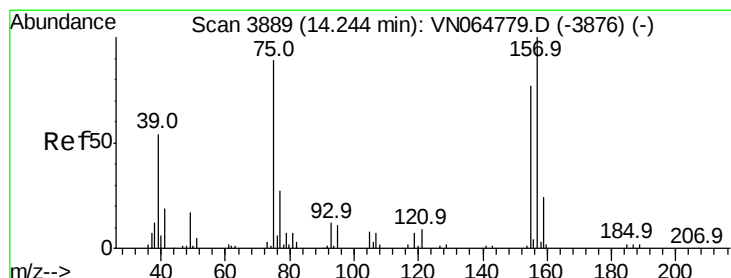
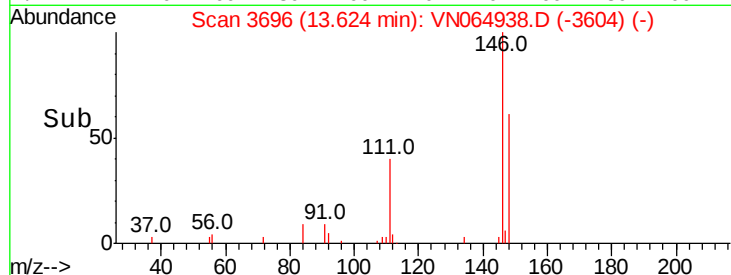
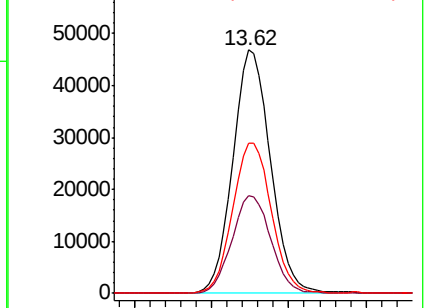
148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.420 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

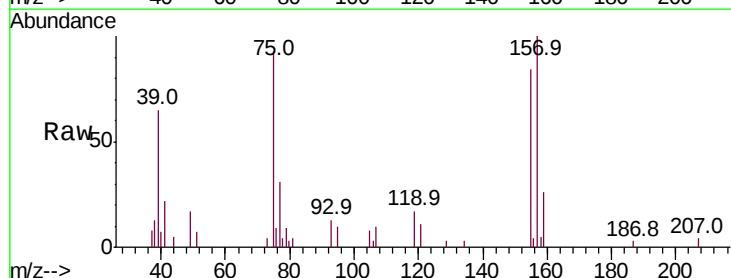
Tgt Ion: 75 Resp: 9859

Ion Ratio Lower Upper

75 100

155 87.6 42.8 128.3

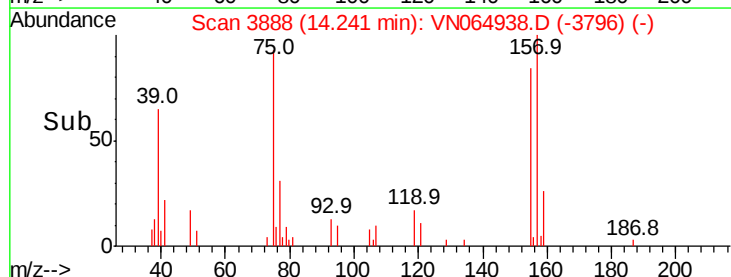
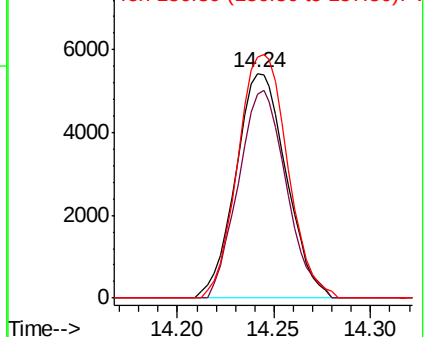
157 107.1 56.4 169.1

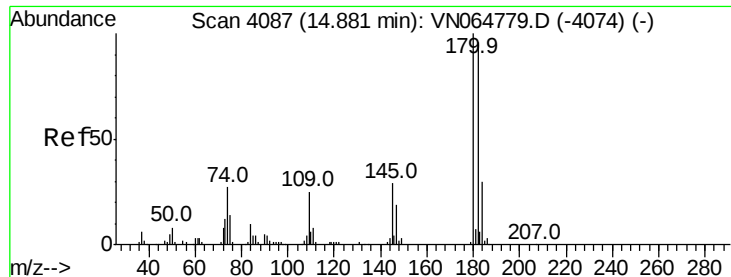


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

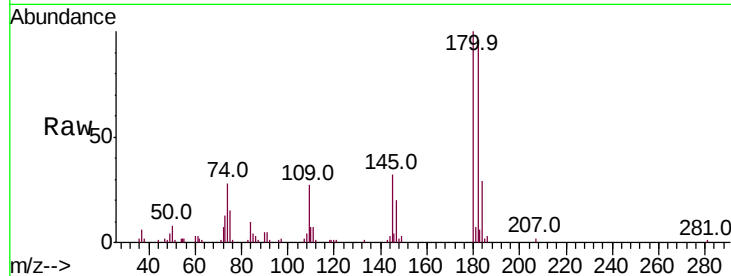
Ion 156.80 (156.50 to 157.50): V



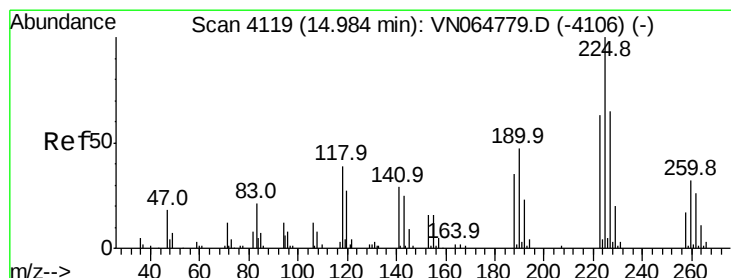
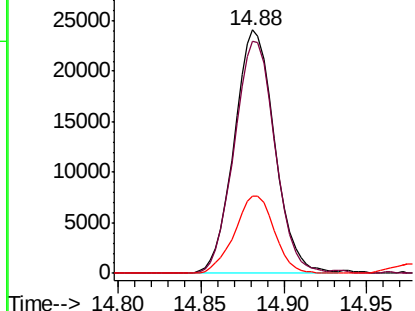
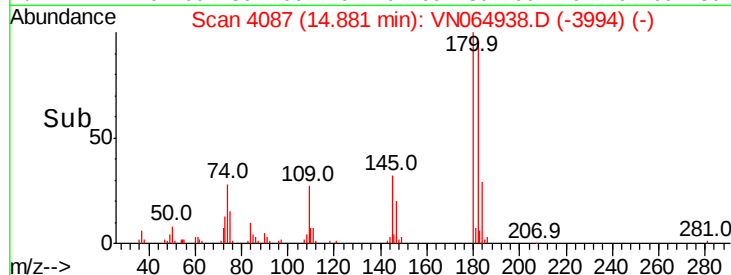


#93
 1,2,4-Trichlorobenzene
 Concen: 15.446 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.6	142.9
145	31.1	15.3	45.8

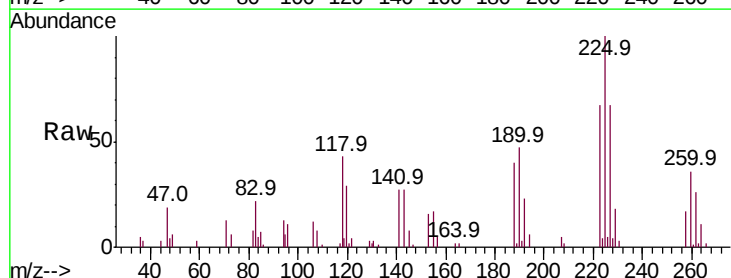


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

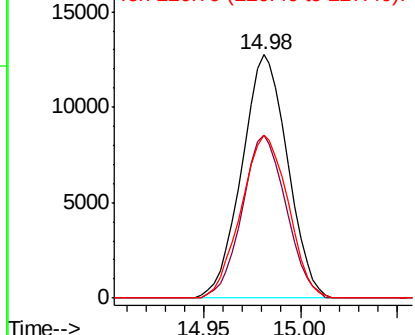
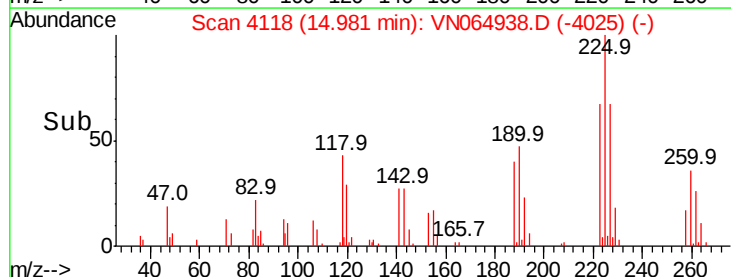


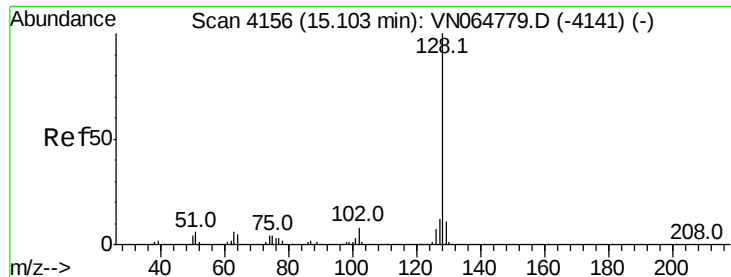
#94
 Hexachlorobutadiene
 Concen: 17.812 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064938.D
 Acq: 7 Dec 2020 12:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.0	93.0
227	68.5	32.0	96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 14.738 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

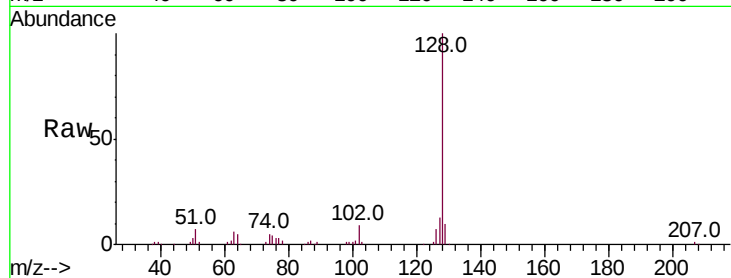
Tot Ion:128 Resp: 116949

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

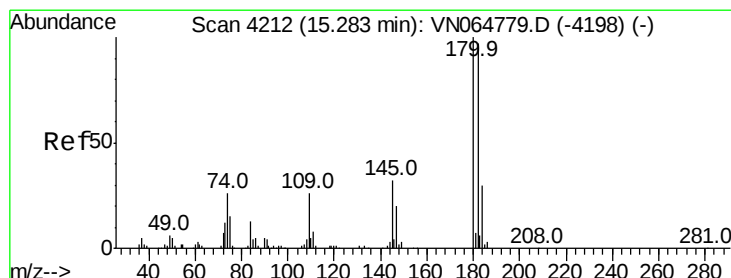
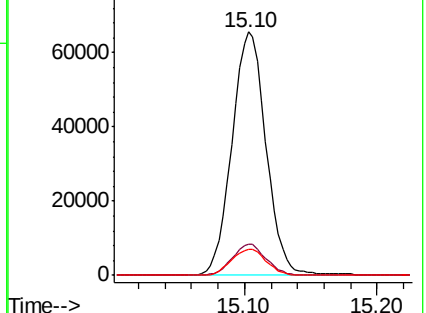
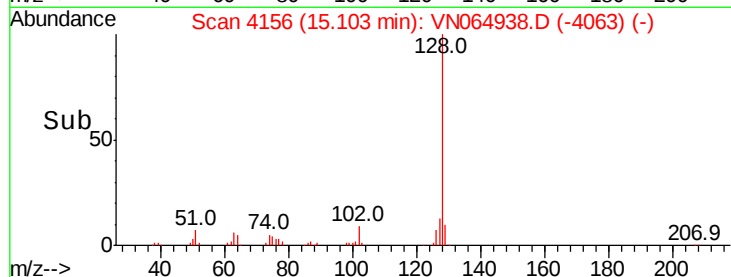
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.538 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064938.D

Acq: 7 Dec 2020 12:23

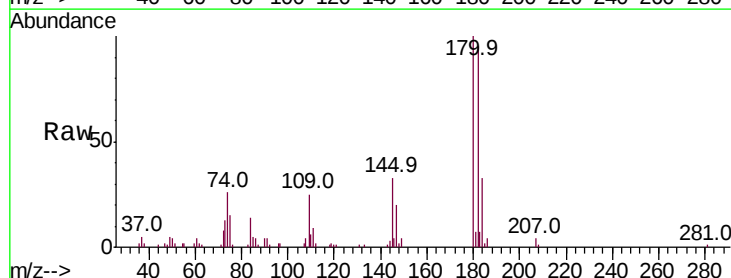
Tgt Ion:180 Resp: 39217

Ion Ratio Lower Upper

180 100

182 97.4 48.1 144.4

145 32.8 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

