

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120720\
 Data File : VN064947.D
 Acq On : 7 Dec 2020 16:00
 Operator : JC/MD
 Sample : L4954-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 08 07:16:19 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	7.63	168	181279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	338464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	159568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106583	50.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.14%
35) Dibromofluoromethane	7.55	113	98947	51.88	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.76%
50) Toluene-d8	10.06	98	402502	51.66	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.32%
62) 4-Bromofluorobenzene	12.37	95	162674	58.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.66%

Target Compounds

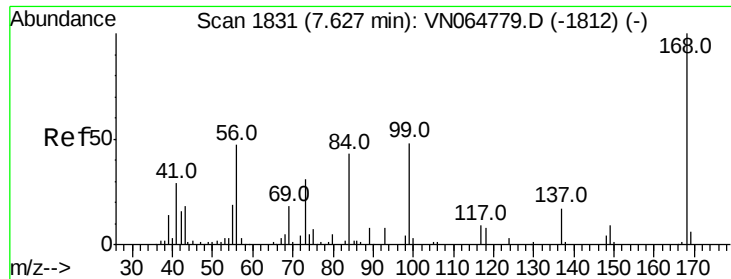
					Qvalue
3) Chloromethane	2.04	50	1000	0.490	ug/l 93
13) Acrolein	3.74	56	698	3.477	ug/l # 1
14) Allyl chloride	4.48	41	8373	2.888	ug/l # 57
16) Acetone	3.78	43	30812	44.475	ug/l 89
18) Methyl Acetate	4.48	43	21302	10.227	ug/l # 50
20) Methylene Chloride	4.49	84	557	0.257	ug/l # 78
25) 2-Butanone	6.79	43	3950	3.517	ug/l # 87
29) Tetrahydrofuran	7.34	42	288	0.372	ug/l # 1
31) Cyclohexane	7.61	56	18079	6.155	ug/l # 90
36) 1,1-Dichloropropene	7.63	75	12230	4.140	ug/l # 49
37) Ethyl Acetate	6.79	43	3950	1.388	ug/l # 66
38) Carbon Tetrachloride	7.62	117	16581	5.394	ug/l # 16
39) Methylcyclohexane	9.04	83	29202	9.183	ug/l 95
41) Methacrylonitrile	7.34	41	3748	2.854	ug/l # 33
43) Isopropyl Acetate	8.11	43	18811	4.108	ug/l # 59
47) Bromodichloromethane	9.33	83	1254	0.398	ug/l # 47
48) Methyl methacrylate	9.19	41	553	0.253	ug/l # 12
51) 4-Methyl-2-Pentanone	9.96	43	953	0.347	ug/l # 57
55) 1,1,2-Trichloroethane	10.50	97	30989	13.518	ug/l # 17
56) Ethyl methacrylate	10.40	69	26699	8.440	ug/l # 44
59) 2-Hexanone	10.69	43	12398	6.267	ug/l # 27
67) Ethyl Benzene	11.48	91	175189	14.428	ug/l 100
68) m/p-Xylenes	11.59	106	80237	17.453	ug/l 98
69) o-Xylene	11.92	106	33670	7.718	ug/l 95
70) Styrene	11.92	104	1680	0.228	ug/l # 1
71) Bromoform	12.38	173	888	0.416	ug/l # 1
73) Isopropylbenzene	12.22	105	224988	20.271	ug/l 100
74) N-amyl acetate	12.02	43	2527	0.579	ug/l # 42
76) 1,2,3-Trichloropropane	12.37	75	79578	23.157	ug/l # 100
78) n-propylbenzene	12.57	91	183281	14.495	ug/l 100
79) 2-Chlorotoluene	12.71	91	6373	0.815	ug/l # 42
80) 1,3,5-Trimethylbenzene	12.71	105	52019	5.639	ug/l 99
81) trans-1,4-Dichloro-2-buten	12.37	75	79578	63.468	ug/l # 15
82) 4-Chlorotoluene	12.71	91	6373	0.778	ug/l # 43

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) tert-Butylbenzene	12.96	119	3447	0.446	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	330534	35.436	ug/l	100
85) sec-Butylbenzene	13.14	105	27423	2.671	ug/l	79
86) p-Isopropyltoluene	13.26	119	10341	1.106	ug/l	98
89) n-Butylbenzene	13.56	91	5070	0.618	ug/l #	1
90) Hexachloroethane	13.86	117	1710	1.053	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.23	75	314	0.429	ug/l #	1
95) Naphthalene	15.10	128	158388	16.372	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064947.D

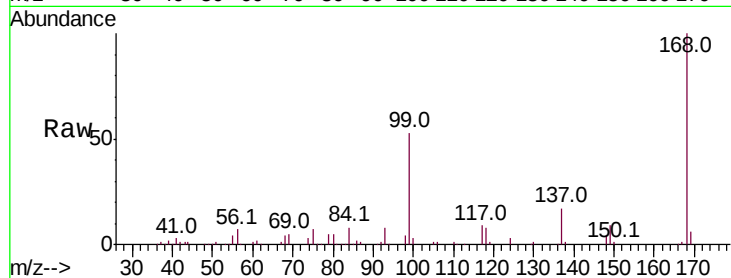
Acq: 7 Dec 2020 16:00

Tot Ion:168 Resp: 181279

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): VN064947.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN064947.D (-1812) (-)

7.63

80000

60000

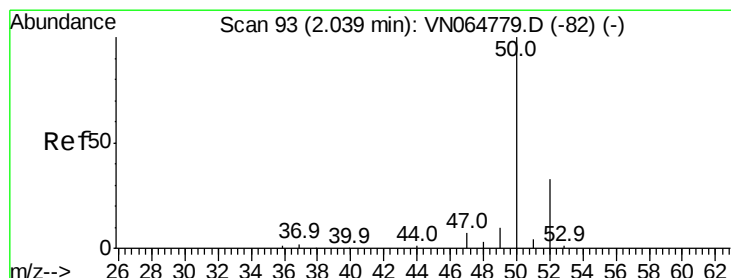
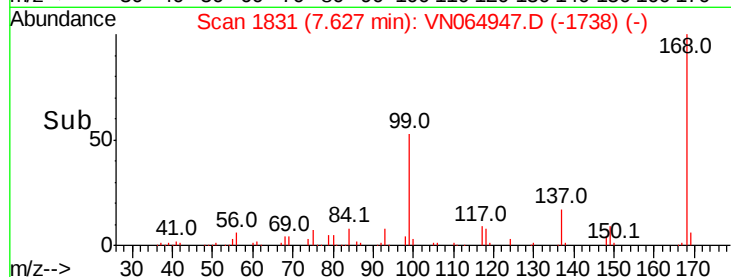
40000

20000

0

7.50 7.60 7.70

Time-->



#3

Chloromethane

Concen: 0.490 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064947.D

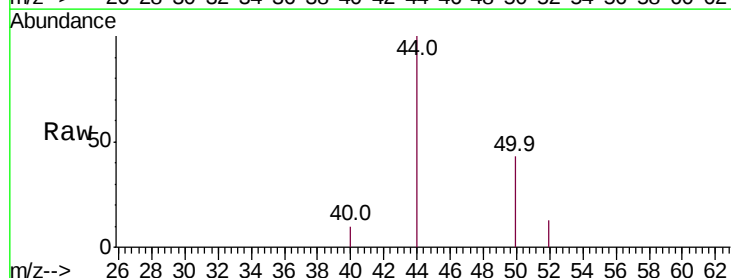
Acq: 7 Dec 2020 16:00

Tgt Ion: 50 Resp: 1000

Ion Ratio Lower Upper

50 100

52 29.3 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VN064947.D (-82) (-)

Ion 51.90 (51.60 to 52.60): VN064947.D (-82) (-)

2.04

800

600

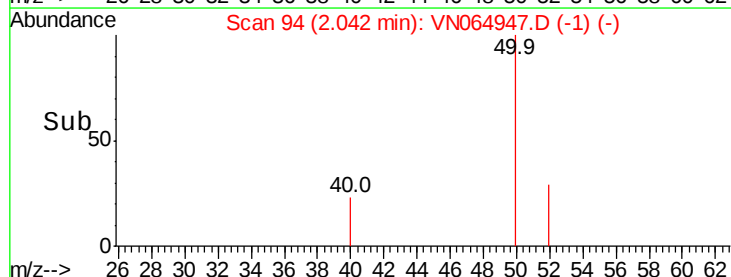
400

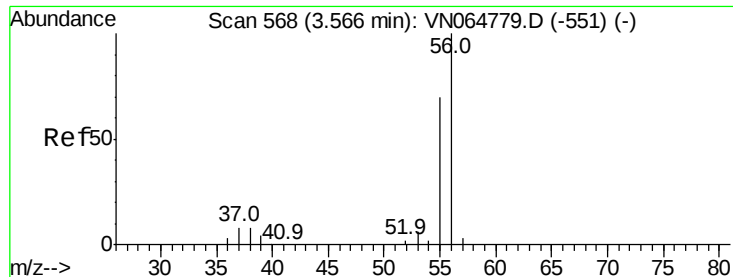
200

0

2.00 2.02 2.04 2.06 2.08

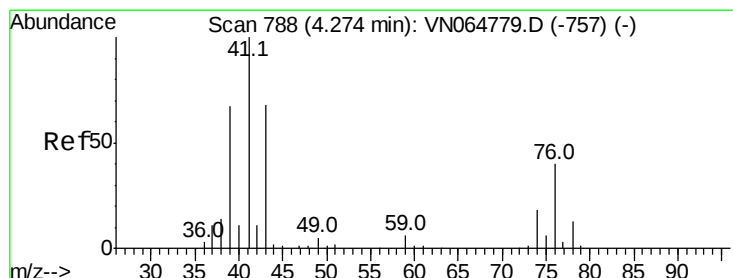
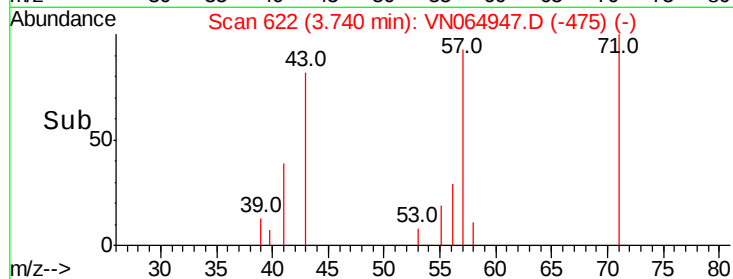
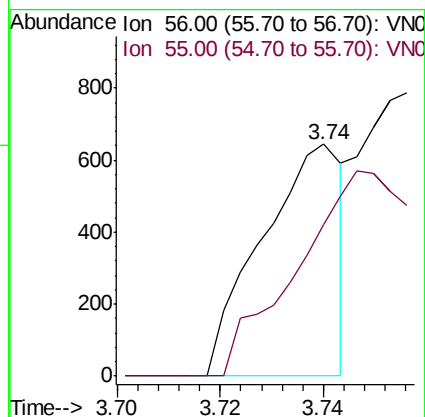
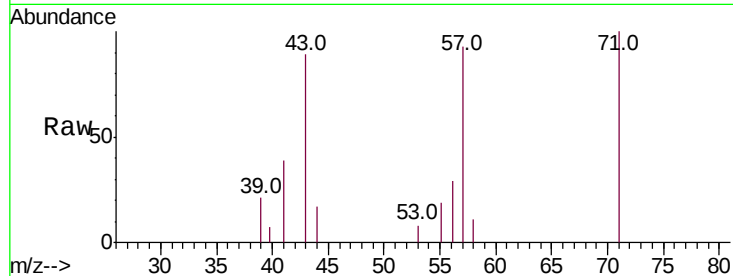
Time-->





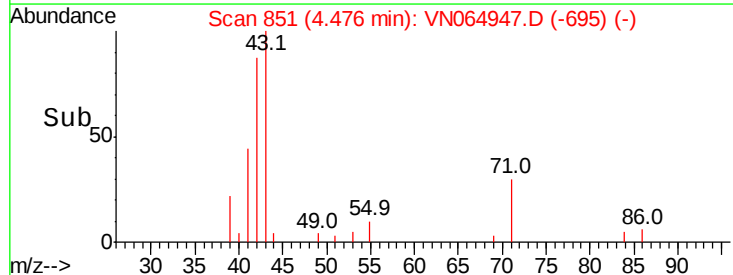
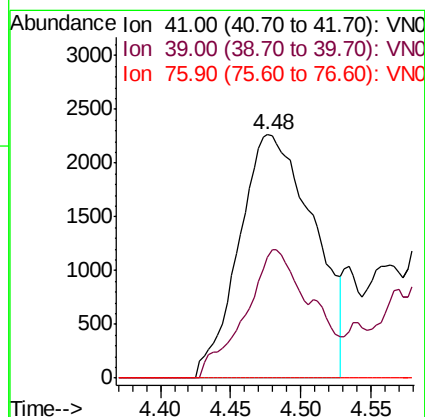
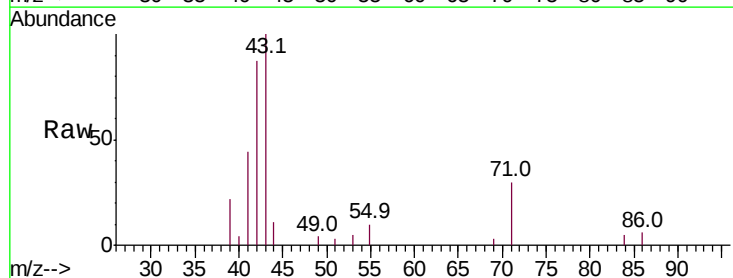
#13
Acrolein
Concen: 3.477 ug/l
RT: 3.74 min Scan# 622
Delta R.T. 0.17 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

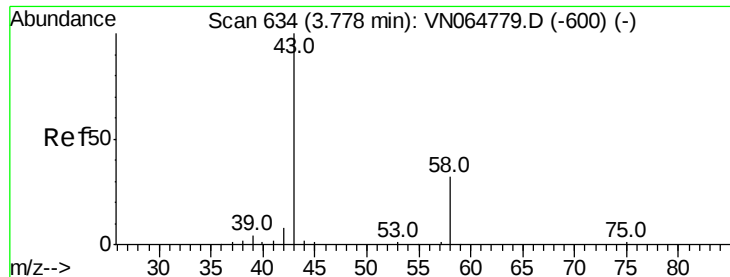
Tot Ion: 56 Resp: 698
Ion Ratio Lower Upper
56 100
55 197.0 56.5 84.7#



#14
Allyl chloride
Concen: 2.888 ug/l
RT: 4.48 min Scan# 851
Delta R.T. 0.20 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tgt Ion: 41 Resp: 8373
Ion Ratio Lower Upper
41 100
39 38.1 50.9 76.3#
76 0.0 29.0 43.4#





#16

Acetone

Concen: 44.475 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064947.D

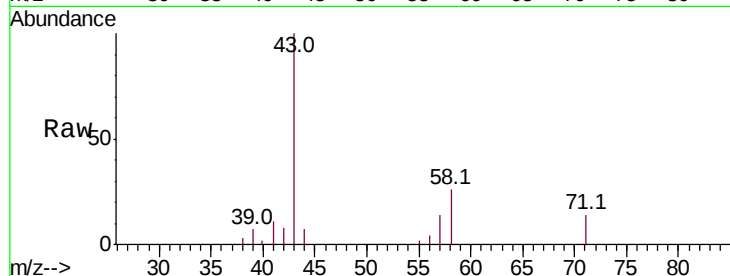
Acq: 7 Dec 2020 16:00

Tot Ion: 43 Resp: 30812

Ion Ratio Lower Upper

43 100

58 25.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064947.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN064947.D (-600) (-)

12000

10000

8000

6000

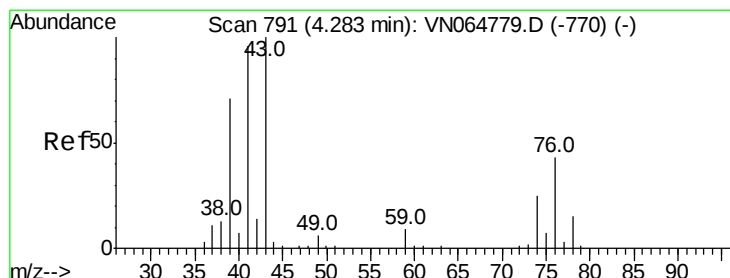
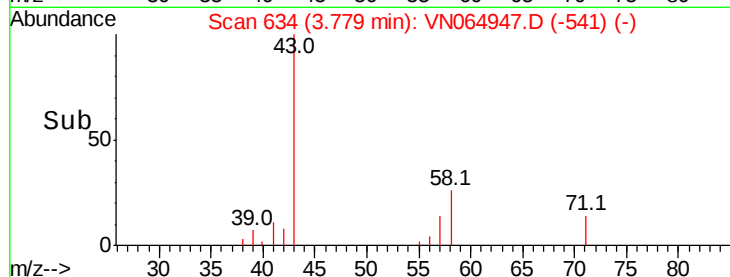
4000

2000

0

3.70 3.78 3.80 3.90

Time-->



#18

Methyl Acetate

Concen: 10.227 ug/l

RT: 4.48 min Scan# 853

Delta R.T. 0.20 min

Lab File: VN064947.D

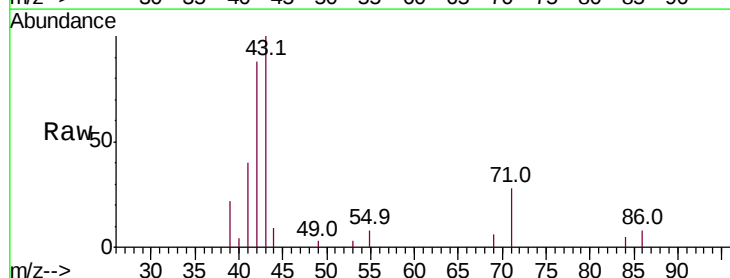
Acq: 7 Dec 2020 16:00

Tgt Ion: 43 Resp: 21302

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#



Abundance Ion 43.00 (42.70 to 43.70): VN064947.D (-698) (-)

Ion 74.00 (73.70 to 74.70): VN064947.D (-698) (-)

6000

5000

4000

3000

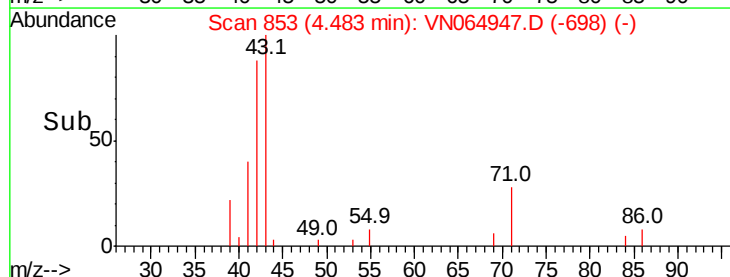
2000

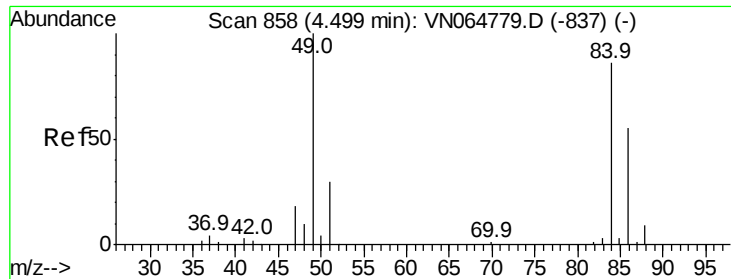
1000

0

4.35 4.40 4.45 4.48 4.55

Time-->

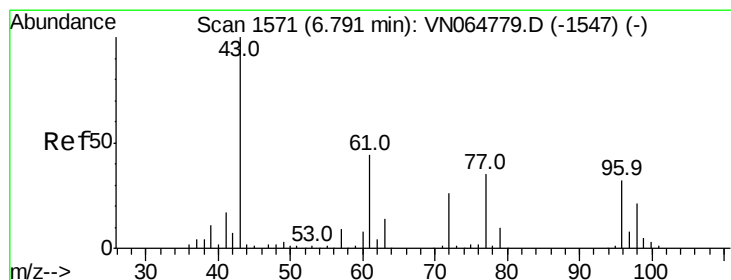
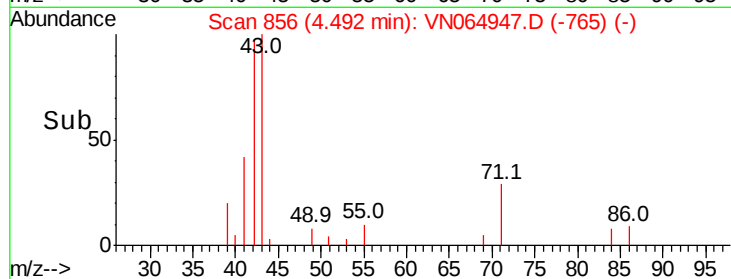
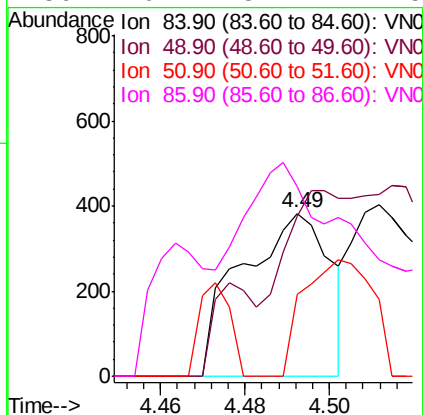
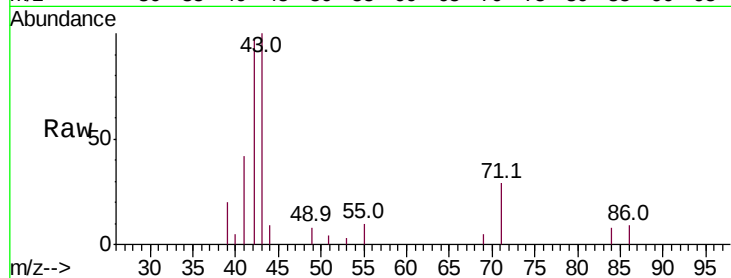




#20
Methvlene Chloride
Concen: 0.257 ug/l
RT: 4.49 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tot Ion: 84 Resp: 557

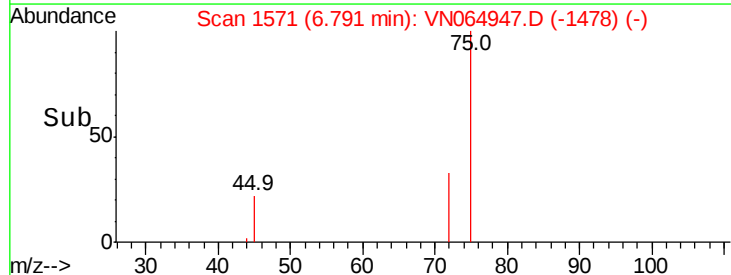
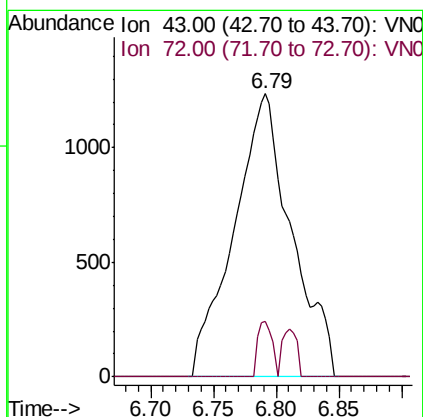
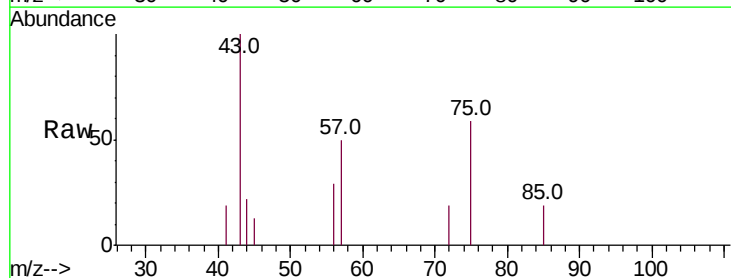
Ion	Ratio	Lower	Upper
84	100		
49	98.7	93.4	140.0
51	50.3	28.2	42.4#
86	40.1	51.7	77.5#

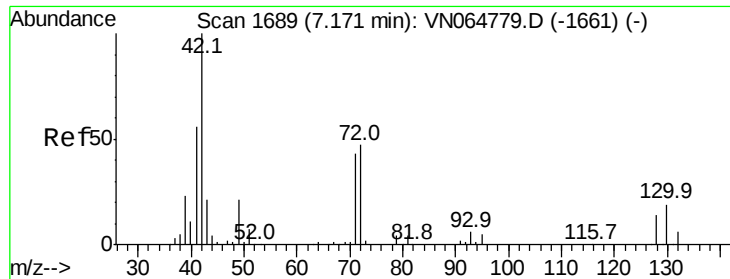


#25
2-Butanone
Concen: 3.517 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tgt Ion: 43 Resp: 3950

Ion	Ratio	Lower	Upper
43	100		
72	19.4	21.0	31.6#





#29

Tetrahydrofuran

Concen: 0.372 ug/l

RT: 7.34 min Scan# 1743

Delta R.T. 0.17 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

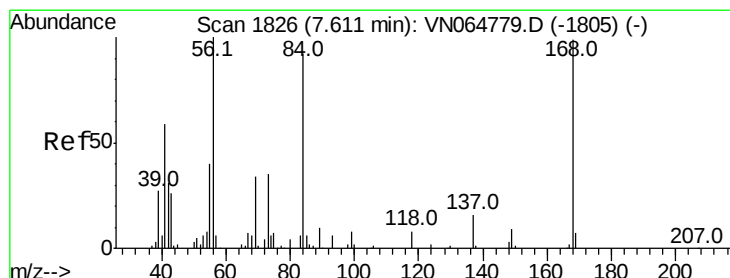
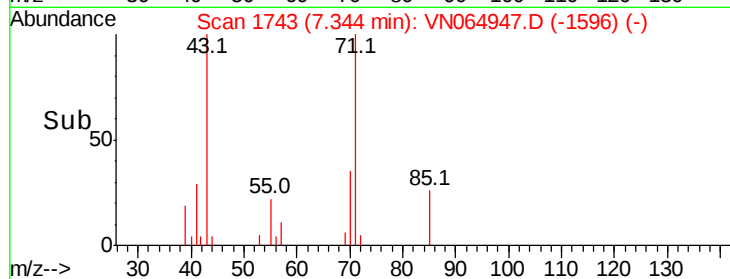
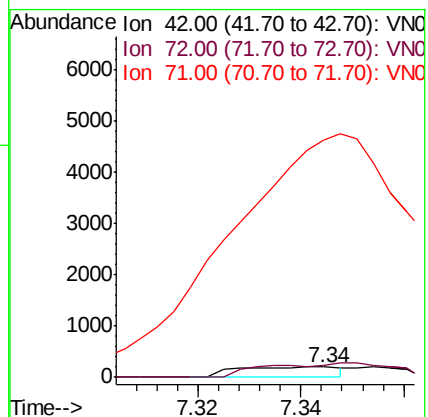
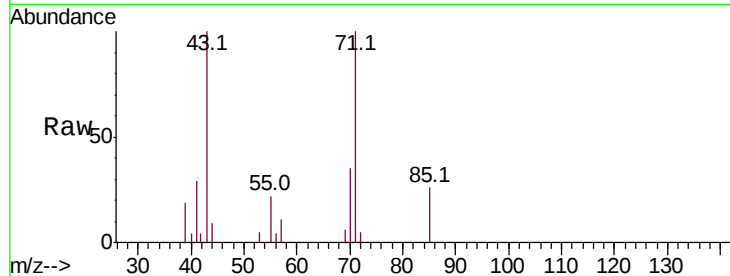
Tot Ion: 42 Resp: 288

Ion Ratio Lower Upper

42 100

72 95.8 36.6 54.8#

71 4570.8 33.6 50.4#



#31

Cyclohexane

Concen: 6.155 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

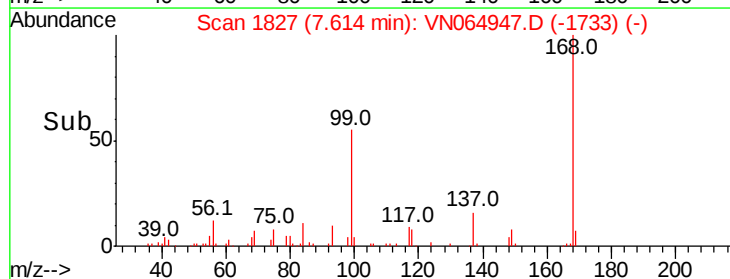
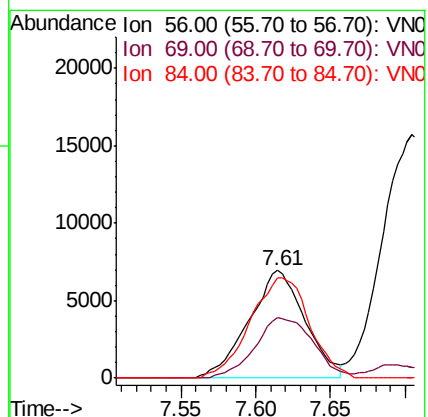
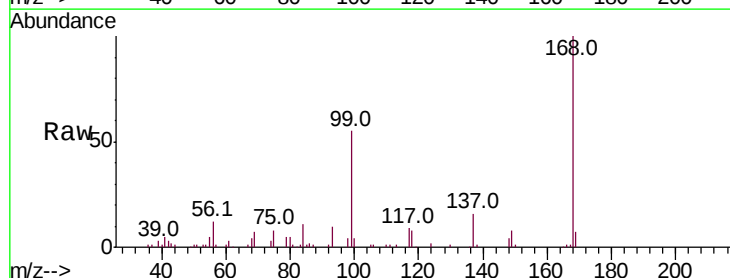
Tgt Ion: 56 Resp: 18079

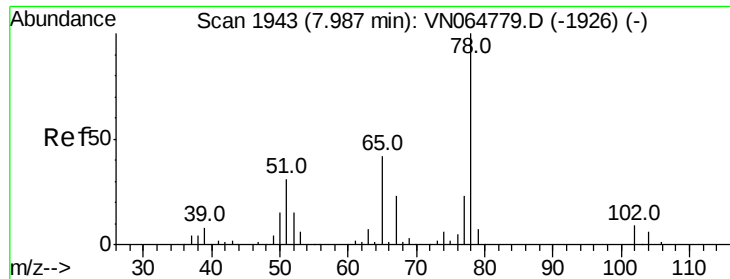
Ion Ratio Lower Upper

56 100

69 55.7 27.5 41.3#

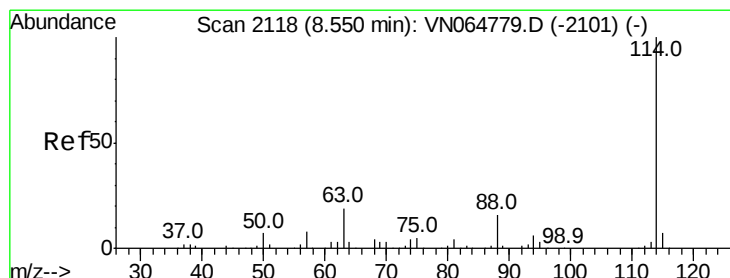
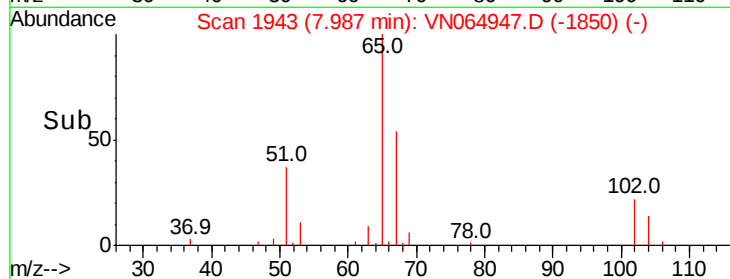
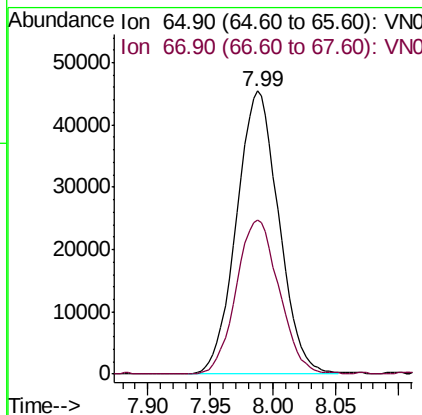
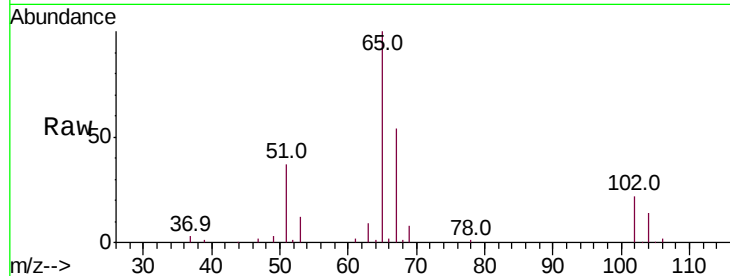
84 92.8 73.9 110.9





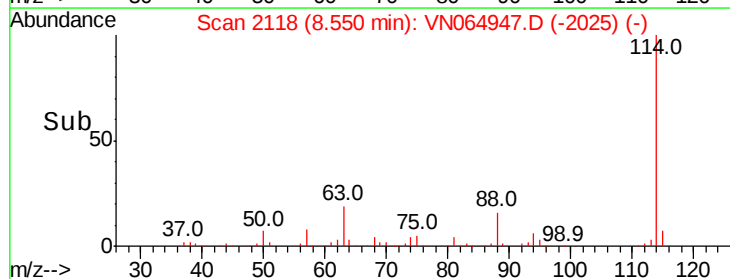
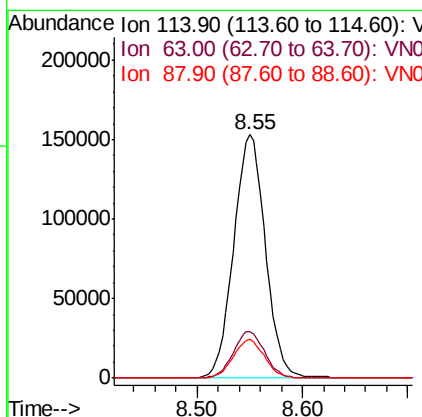
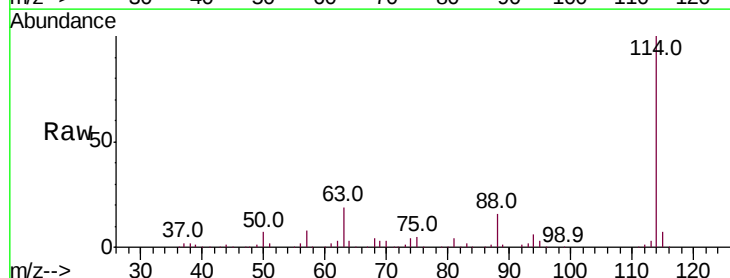
#33
 1,2-Dichloroethane-d4
 Concen: 50.573 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

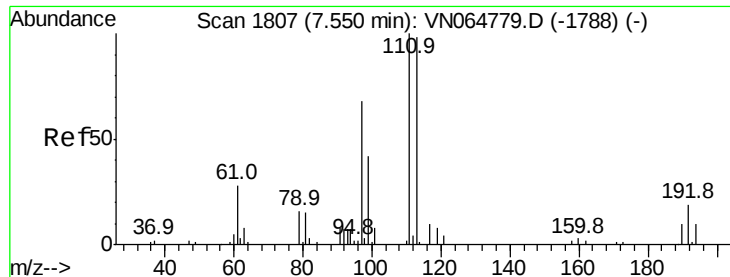
Tot Ion: 65 Resp: 106583
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

Tgt Ion: 114 Resp: 318708
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.885 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

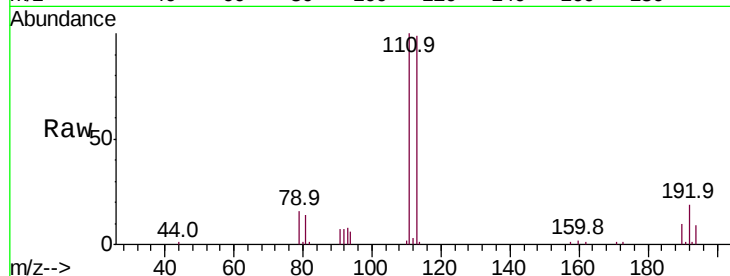
Tot Ion:113 Resp: 98947

Ion Ratio Lower Upper

113 100

111 104.7 81.6 122.4

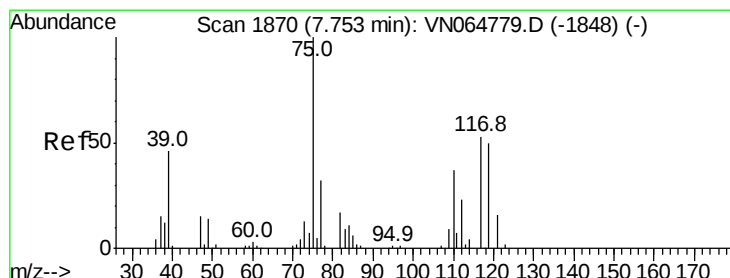
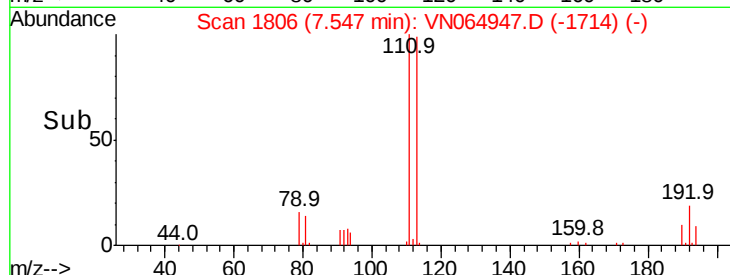
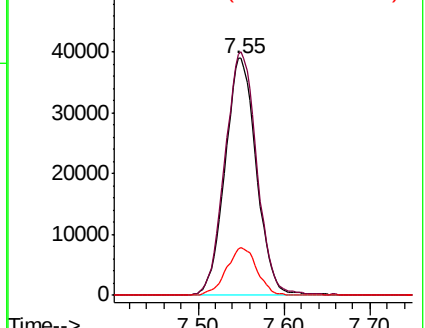
192 19.5 16.2 24.2



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: 4.140 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.13 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

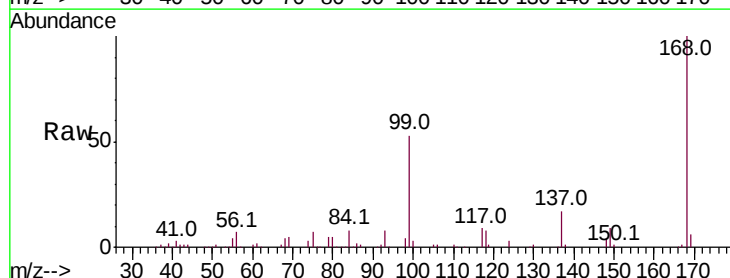
Tgt Ion: 75 Resp: 12230

Ion Ratio Lower Upper

75 100

110 8.8 17.8 53.3#

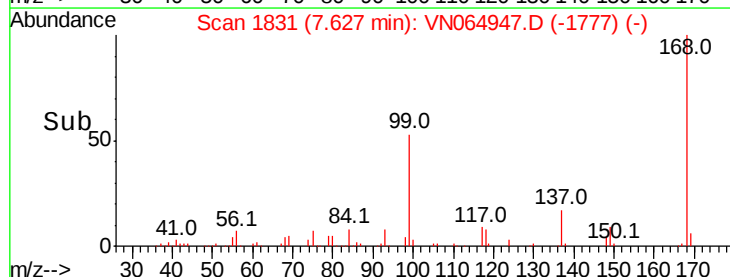
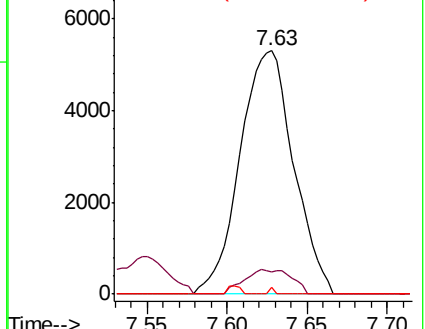
77 0.2 25.0 37.4#

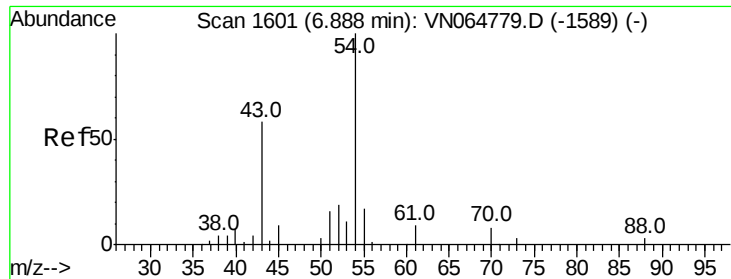


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

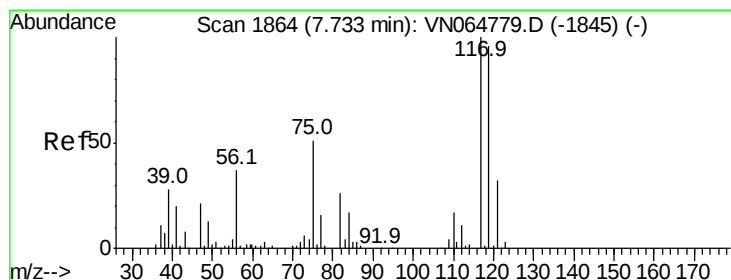
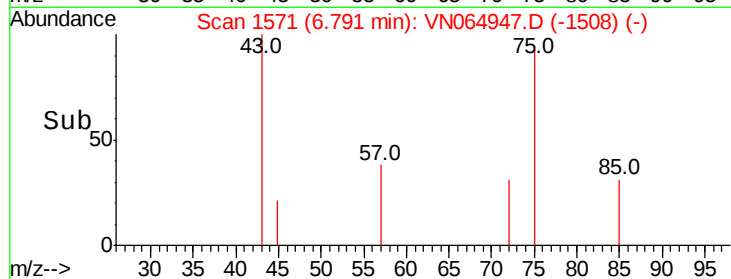
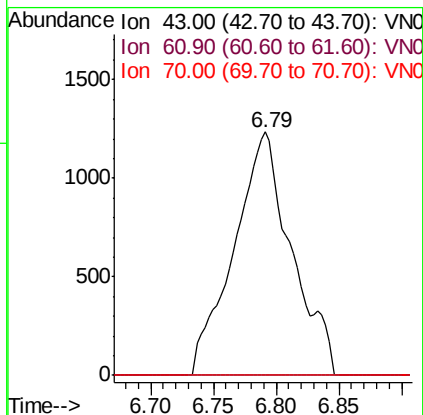
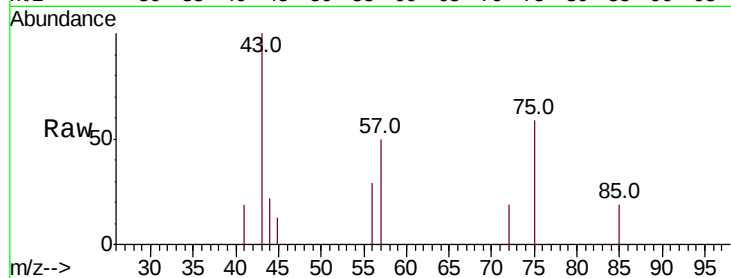
Ion 76.90 (76.60 to 77.60): V





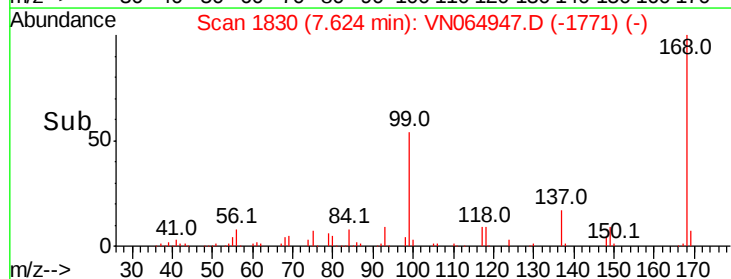
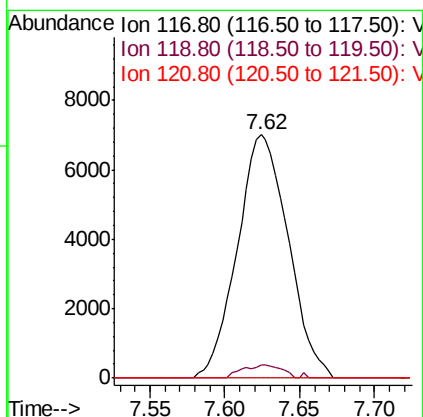
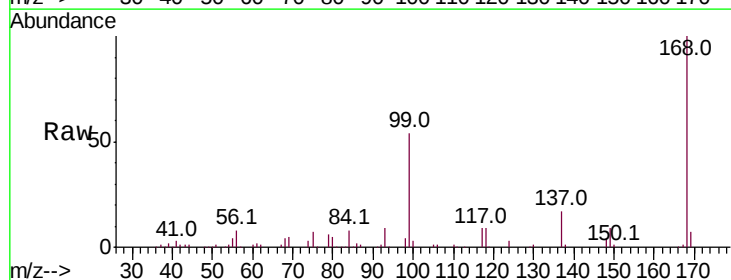
#37
Ethyl Acetate
Concen: 1.388 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. -0.10 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

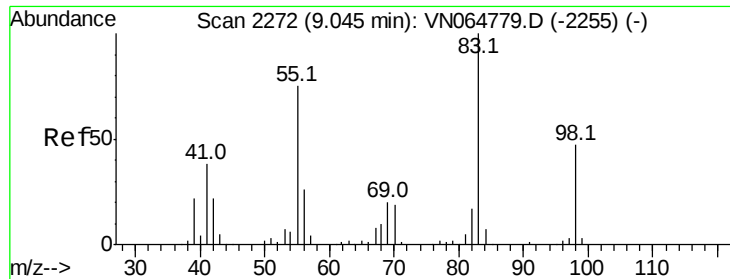
Tot Ion: 43 Resp: 3950
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 5.394 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

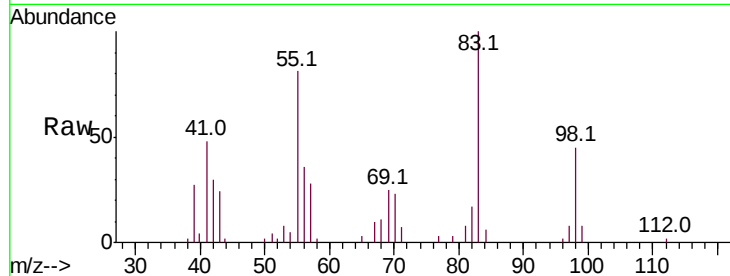
Tgt Ion: 117 Resp: 16581
Ion Ratio Lower Upper
117 100
119 5.2 76.7 115.1#
121 0.0 25.4 38.2#



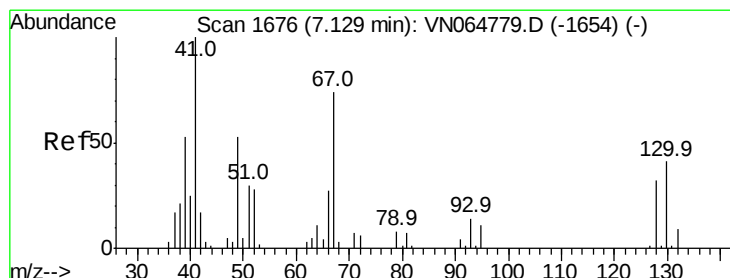
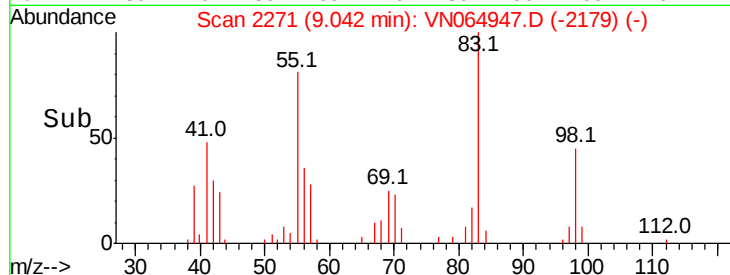
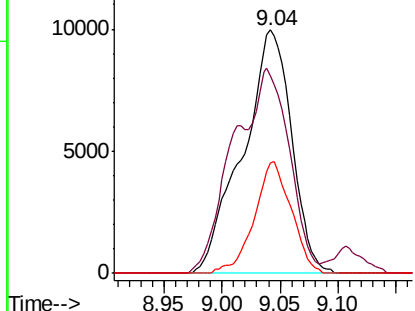


#39
Methvlcvclohexane
Concen: 9.183 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tot Ion: 83 Resp: 29202
Ion Ratio Lower Upper
83 100
55 81.3 60.2 90.2
98 45.3 37.4 56.2

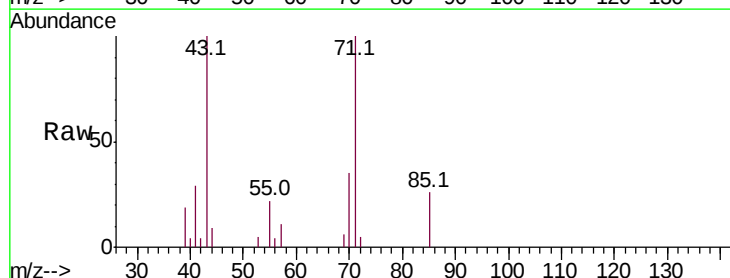


Abundance Ion 83.00 (82.70 to 83.70): VNC
Ion 55.00 (54.70 to 55.70): VNC
Ion 98.00 (97.70 to 98.70): VNC

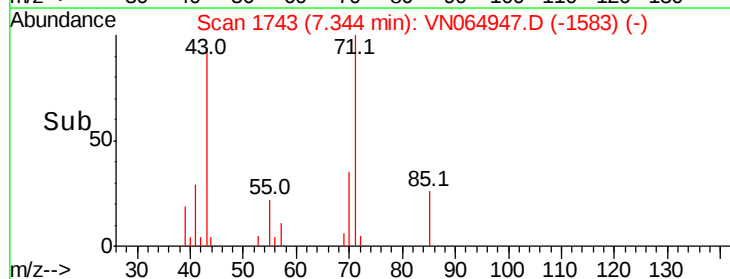
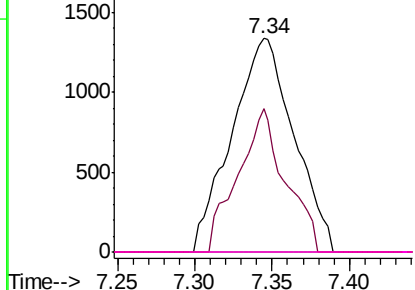


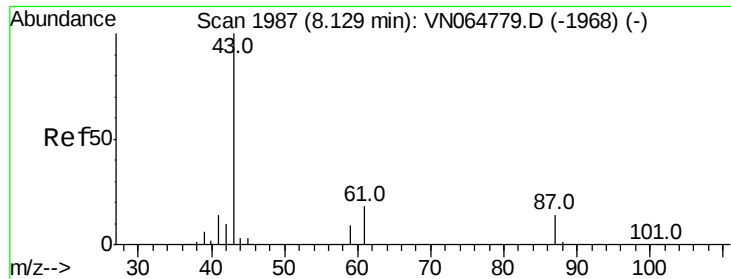
#41
Methacrylonitrile
Concen: 2.854 ug/l
RT: 7.34 min Scan# 1743
Delta R.T. 0.22 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tgt Ion: 41 Resp: 3748
Ion Ratio Lower Upper
41 100
39 51.1 51.0 76.6
67 0.0 79.8 119.8#
52 0.0 31.5 47.3#



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





#43

Isopropyl Acetate

Concen: 4.108 ug/l

RT: 8.11 min Scan# 1982

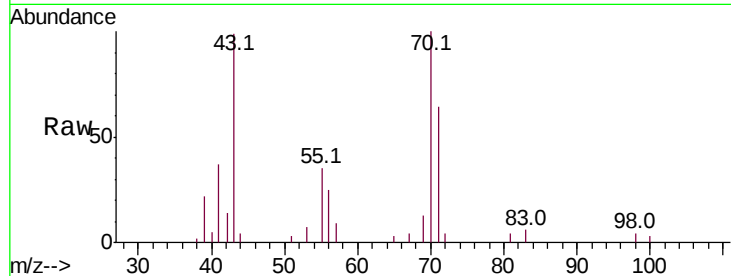
Delta R.T. -0.02 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

Tot Ion: 43 Resp: 18811

Ion	Ratio	Lower	Upper
43	100		
61	0.0	17.2	25.8#
87	0.0	11.4	17.0#

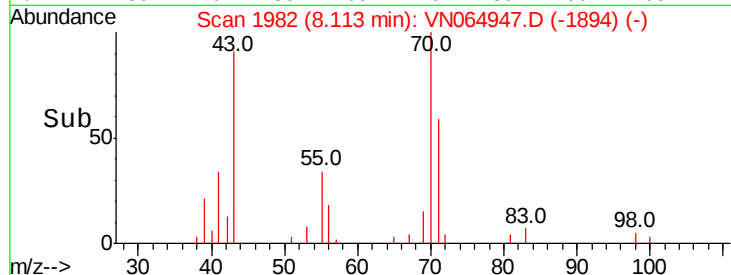


Abundance Ion 43.00 (42.70 to 43.70): VN064947.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064947.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064947.D (-1968) (-)

Time-->

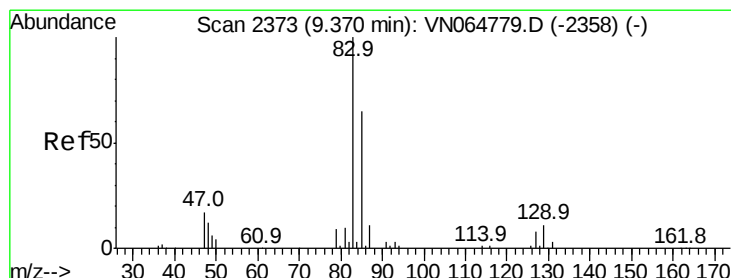


Abundance Ion 43.00 (42.70 to 43.70): VN064947.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN064947.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN064947.D (-1894) (-)

Time-->



#47

Bromodichloromethane

Concen: 0.398 ug/l

RT: 9.33 min Scan# 2361

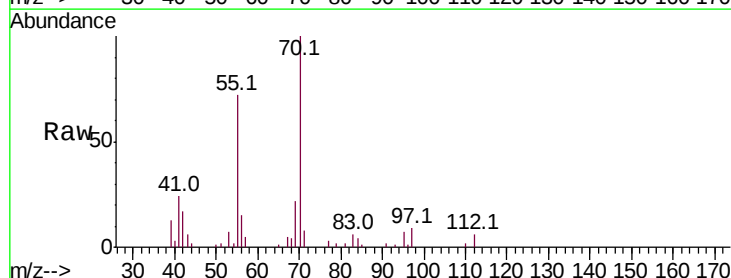
Delta R.T. -0.04 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

Tgt Ion: 83 Resp: 1254

Ion	Ratio	Lower	Upper
83	100		
85	20.2	51.8	77.8#
127	0.0	6.8	10.2#

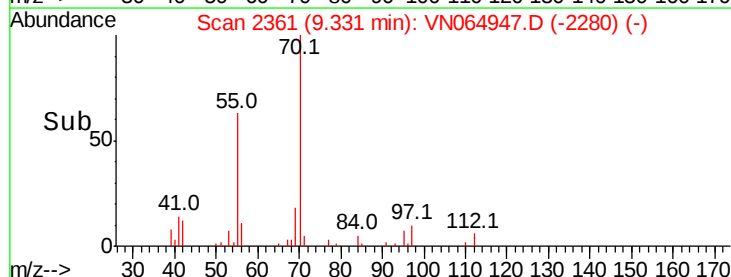


Abundance Ion 82.90 (82.60 to 83.60): VN064947.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064947.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064947.D (-2358) (-)

Time-->



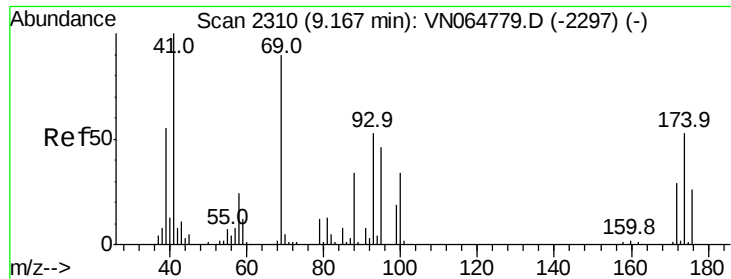
Abundance Ion 82.90 (82.60 to 83.60): VN064947.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064947.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064947.D (-2280) (-)

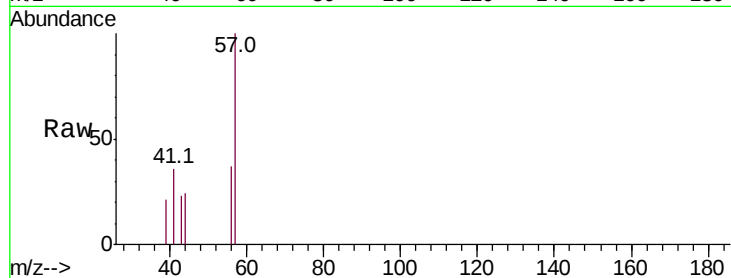
Time-->

Time-->

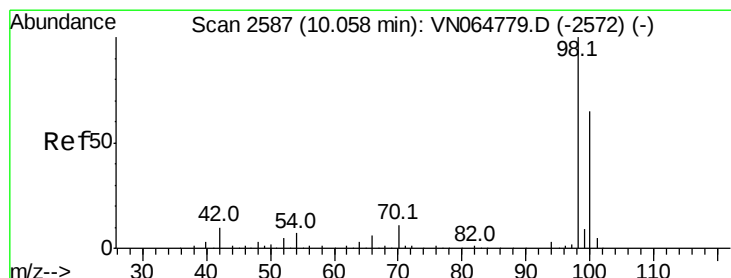
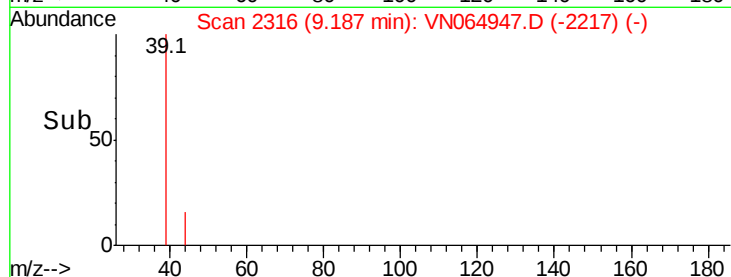
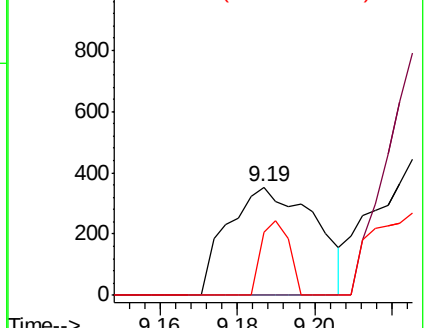


#48
Methyl methacrylate
Concen: 0.253 ug/l
RT: 9.19 min Scan# 2316
Delta R.T. 0.02 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tot Ion: 41 Resp: 553
Ion Ratio Lower Upper
41 100
69 0.0 71.8 107.8#
39 0.0 44.1 66.1#

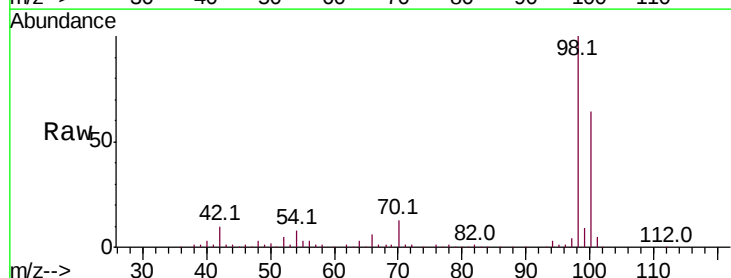


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

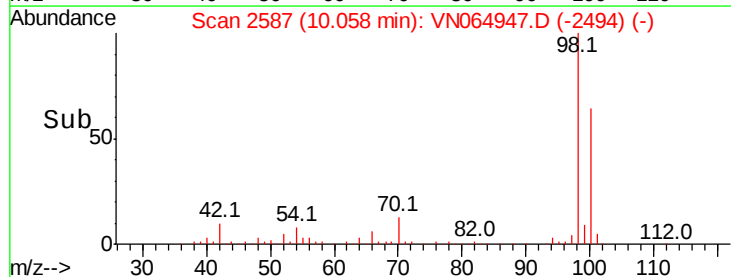
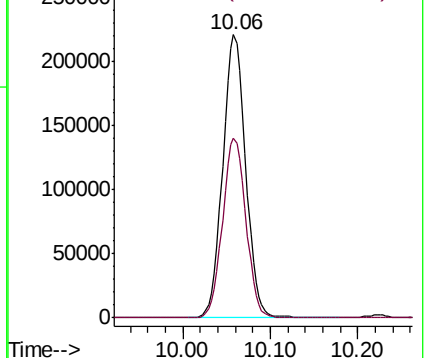


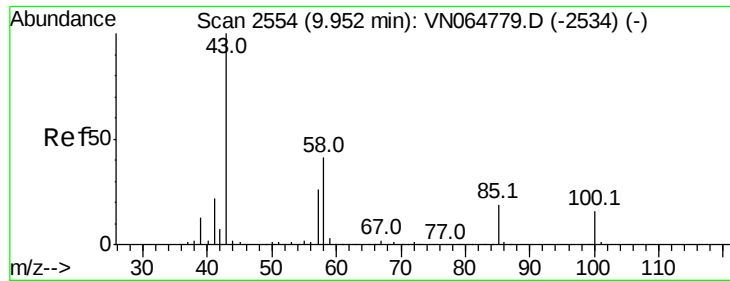
#50
Toluene-d8
Concen: 51.656 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tgt Ion: 98 Resp: 402502
Ion Ratio Lower Upper
98 100
100 64.6 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: 0.347 ug/l

RT: 9.96 min Scan# 2556

Delta R.T. 0.01 min

Lab File: VN064947.D

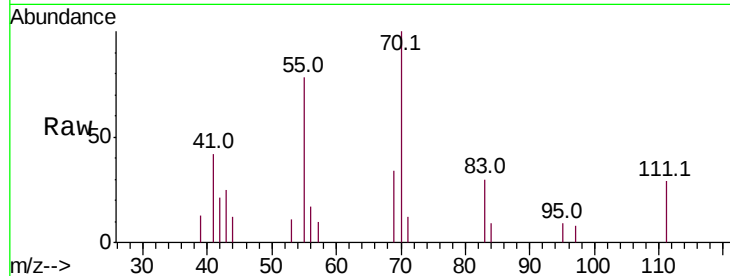
Acq: 7 Dec 2020 16:00

Tot Ion: 43 Resp: 953

Ion Ratio Lower Upper

43 100

58 14.1 32.4 48.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

1200

1000

800

600

400

200

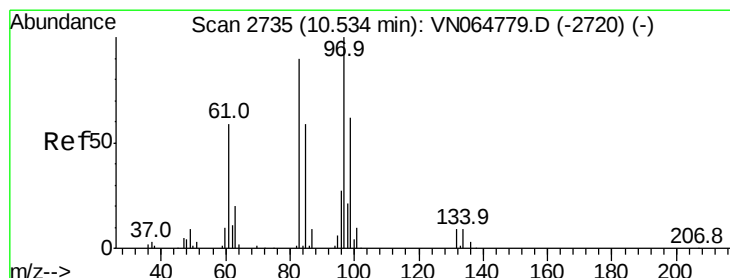
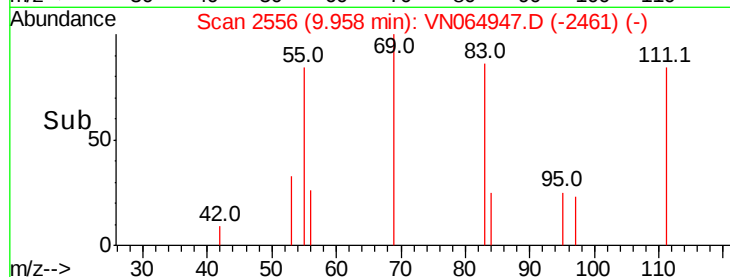
0

9.90

9.95

9.96

Time-->



#55

1,1,2-Trichloroethane

Concen: 13.518 ug/l

RT: 10.50 min Scan# 2724

Delta R.T. -0.04 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

Tgt Ion: 97 Resp: 30989

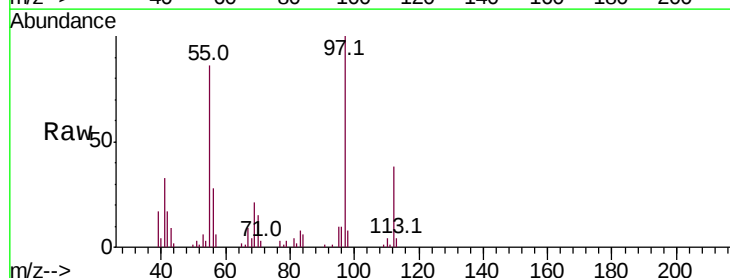
Ion Ratio Lower Upper

97 100

83 8.3 72.1 108.1#

85 0.0 46.8 70.2#

99 0.0 49.6 74.4#



Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO

60000

50000

40000

30000

20000

10000

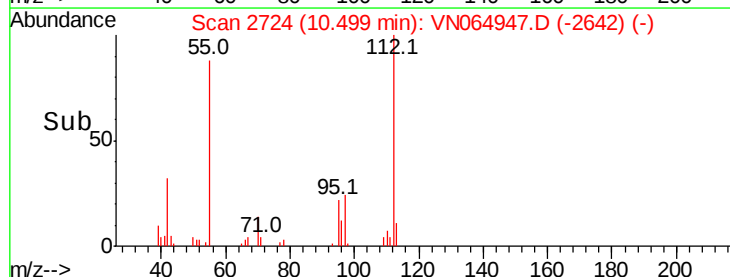
0

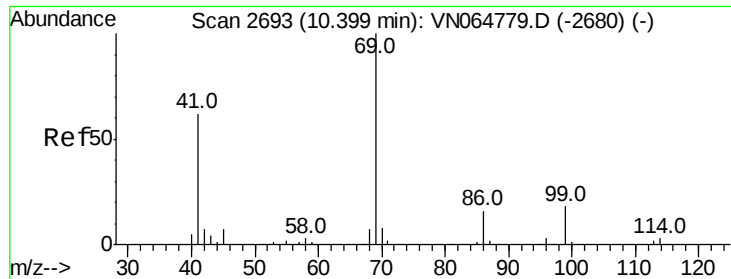
10.45

10.50

10.55

Time-->





#56

Ethyl methacrylate

Concen: 8.440 ug/l

RT: 10.40 min Scan# 2694

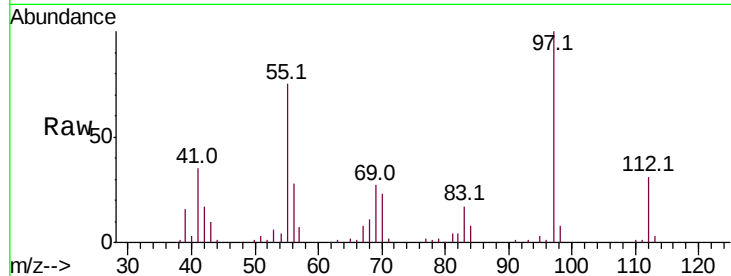
Delta R.T. 0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

Tot Ion: 69 Resp: 26699

Ion	Ratio	Lower	Upper
69	100		
41	110.4	49.4	74.0#
39	55.9	25.9	38.9#

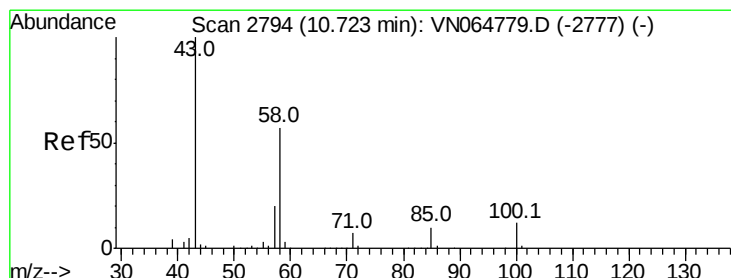
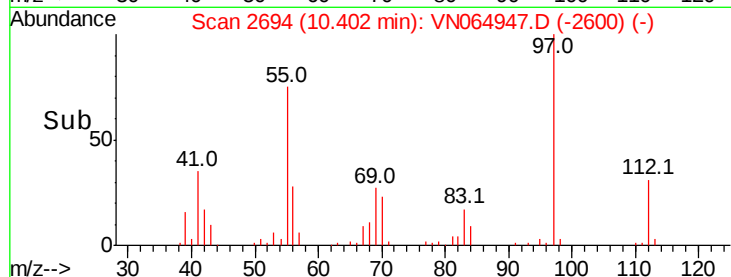
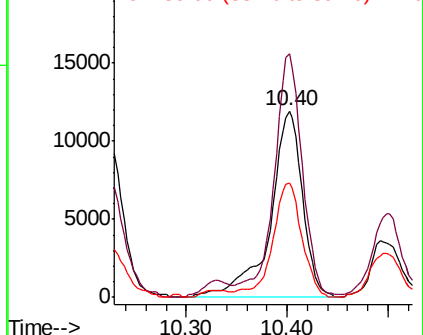


Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#59

2-Hexanone

Concen: 6.267 ug/l

RT: 10.69 min Scan# 2783

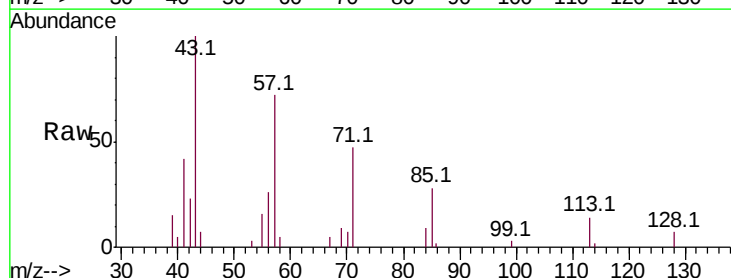
Delta R.T. -0.04 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

Tgt Ion: 43 Resp: 12398

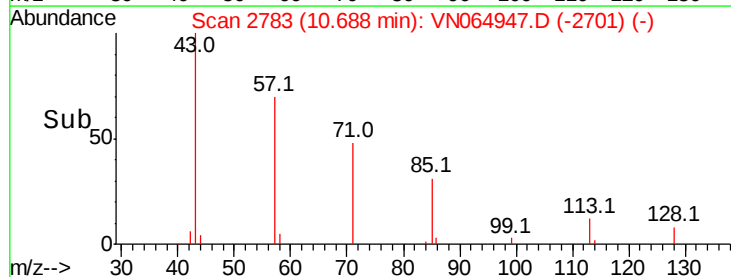
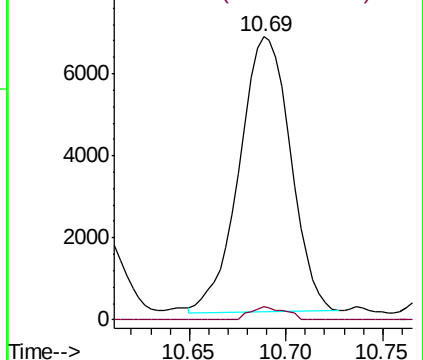
Ion	Ratio	Lower	Upper
43	100		
58	3.3	28.3	84.9#

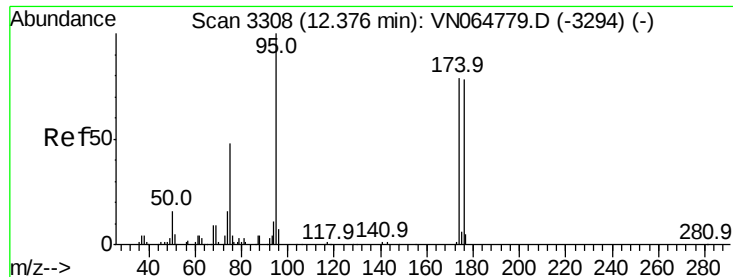


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 58.335 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

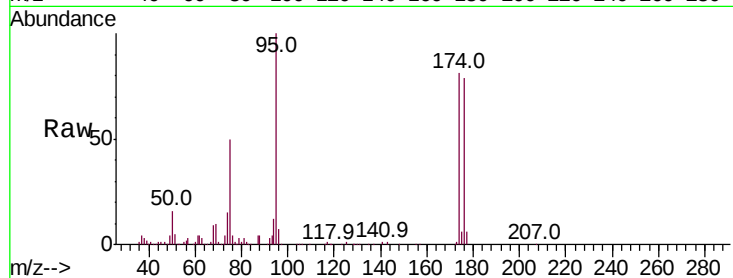
Tot Ion: 95 Resp: 162674

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.4

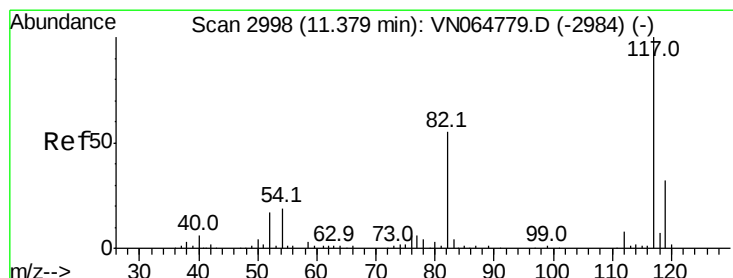
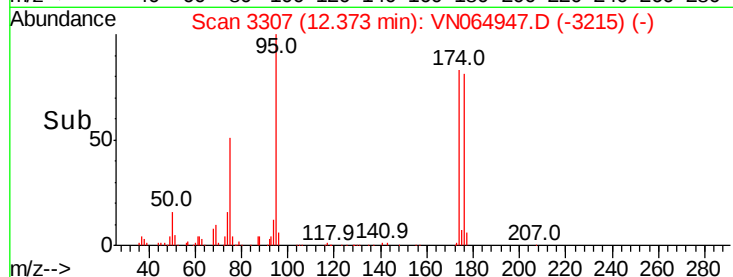
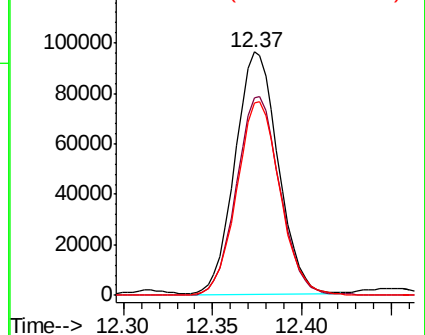
176 79.9 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

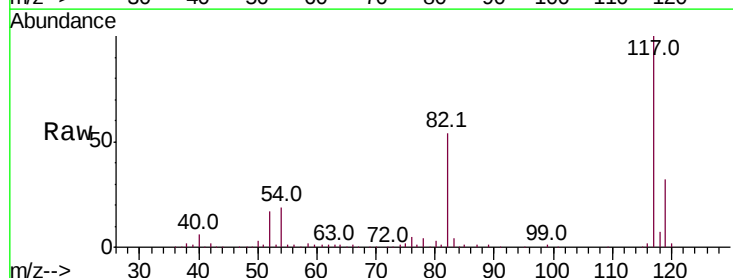
Tgt Ion: 117 Resp: 338464

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

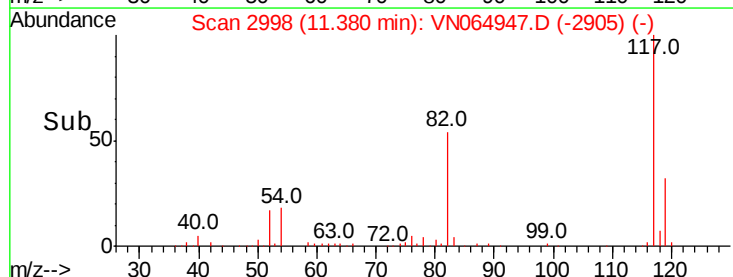
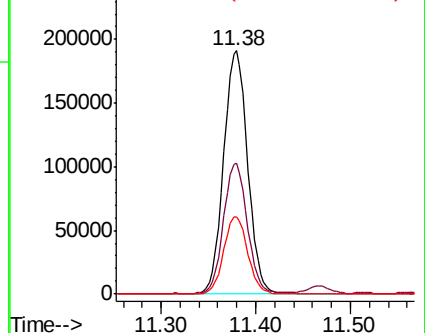
119 31.9 25.8 38.6

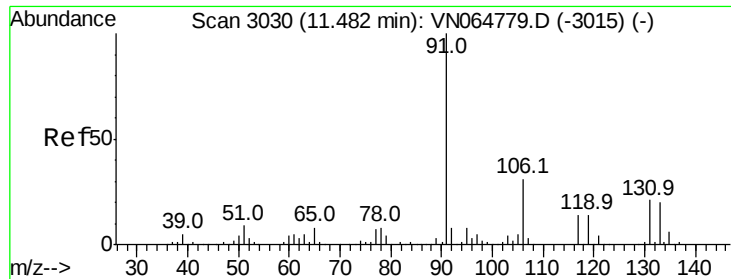


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

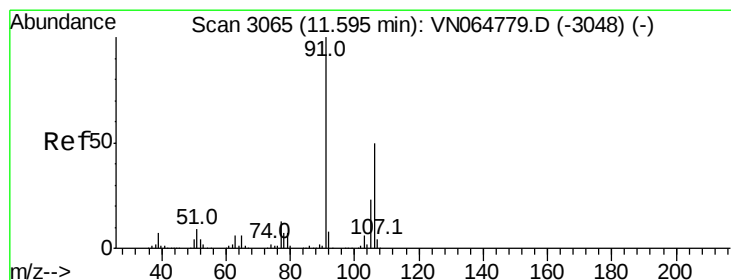
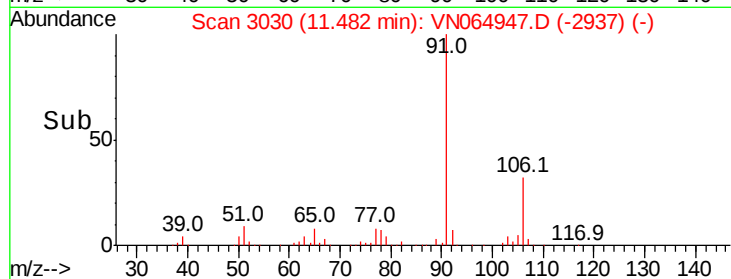
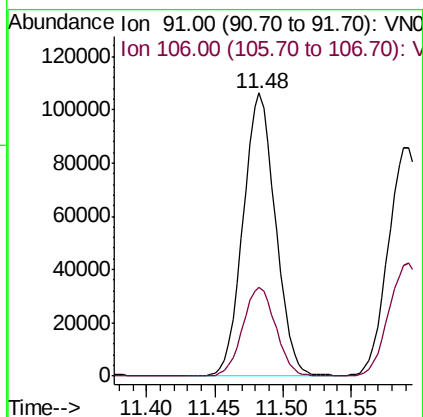
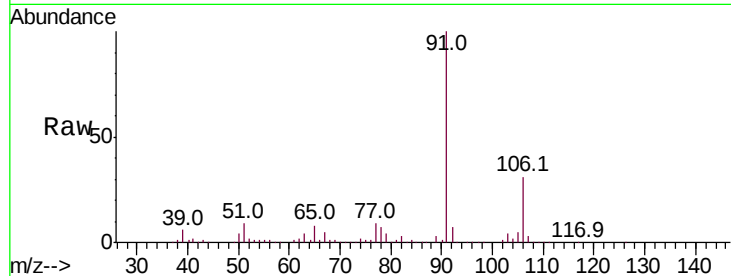
Ion 118.90 (118.60 to 119.60): VN0





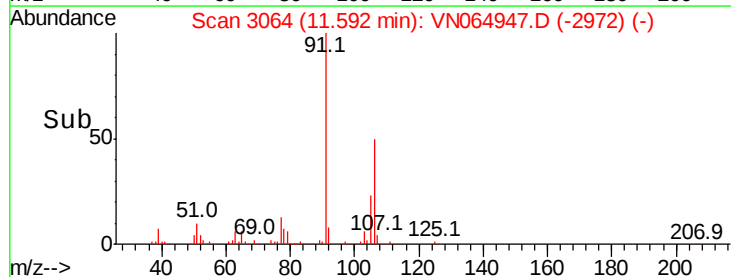
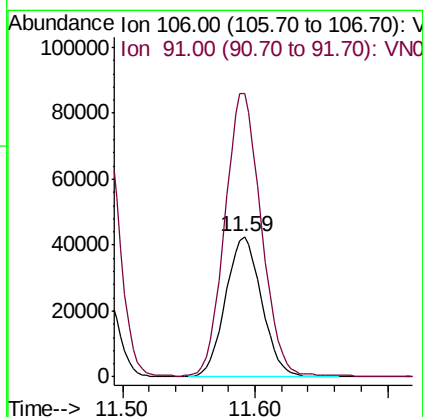
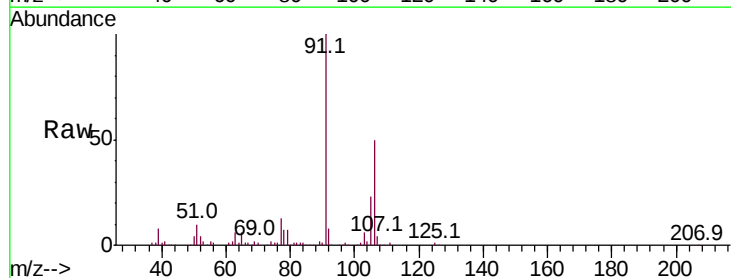
#67
Ethyl Benzene
Concen: 14.428 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

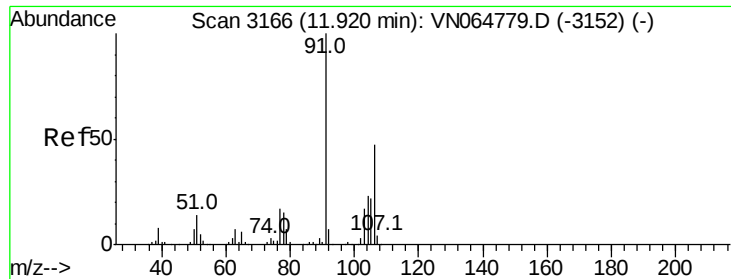
Tot Ion: 91 Resp: 175189
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8



#68
m/p-Xylenes
Concen: 17.453 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

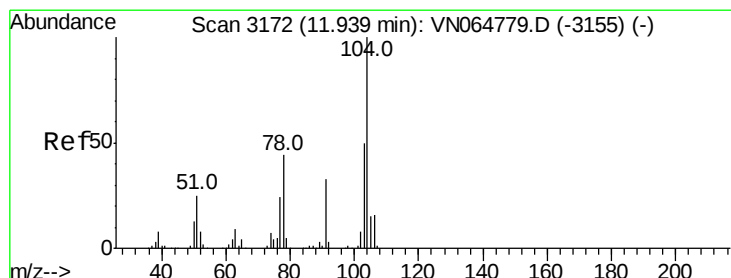
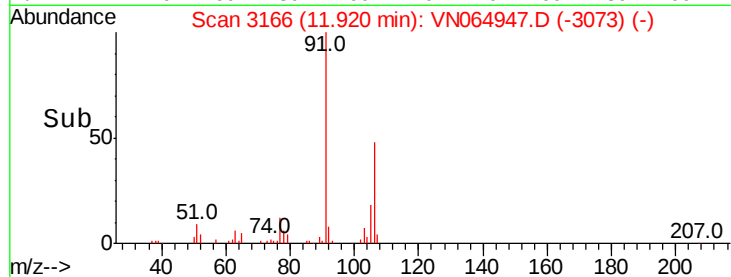
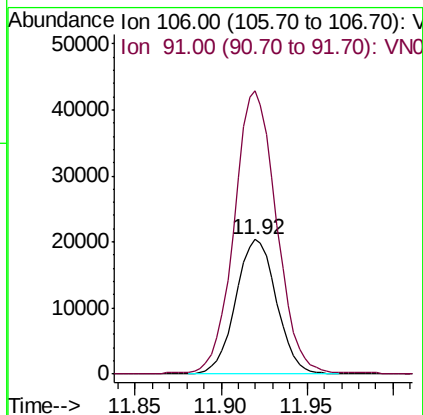
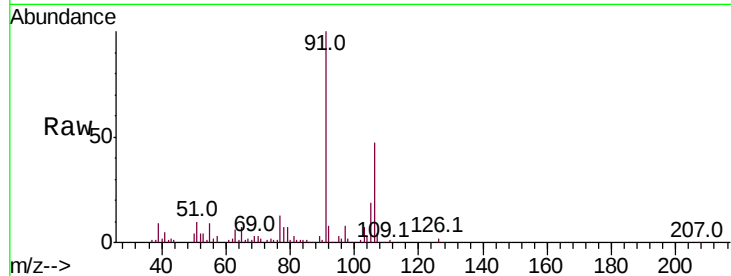
Tgt Ion: 106 Resp: 80237
Ion Ratio Lower Upper
106 100
91 204.2 161.0 241.4





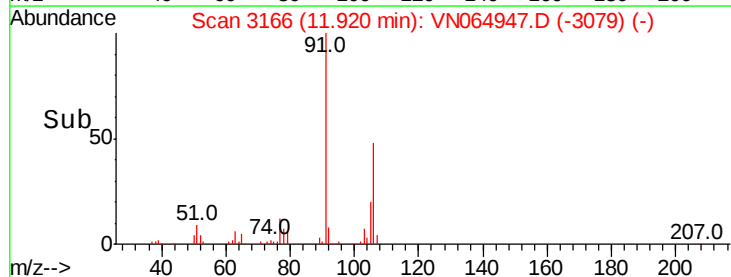
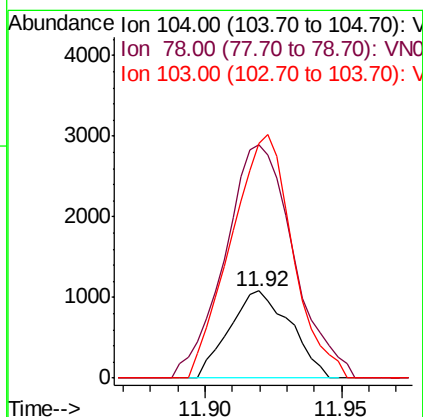
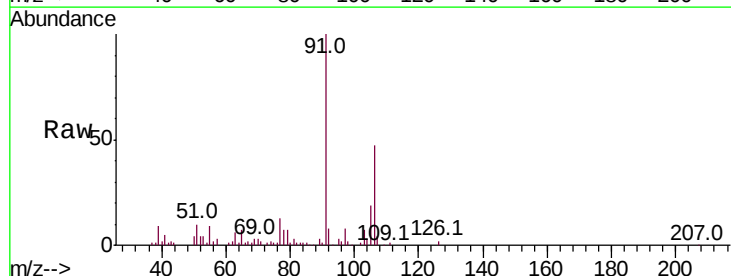
#69
o-Xylene
Concen: 7.718 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

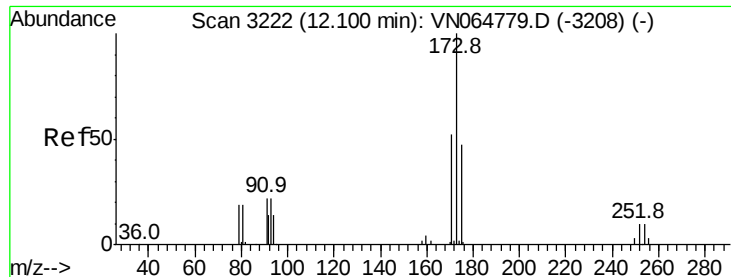
Tot Ion:106 Resp: 33670
Ion Ratio Lower Upper
106 100
91 218.7 105.5 316.5



#70
Styrene
Concen: 0.228 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.02 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tgt Ion:104 Resp: 1680
Ion Ratio Lower Upper
104 100
78 300.8 39.0 58.6#
103 283.0 44.3 66.5#





#71

Bromoform

Concen: 0.416 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.28 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

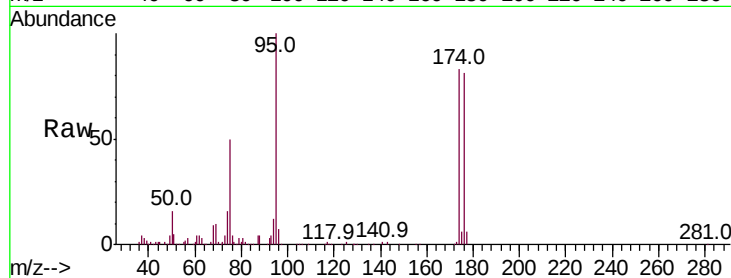
Tot Ion:173 Resp: 888

Ion Ratio Lower Upper

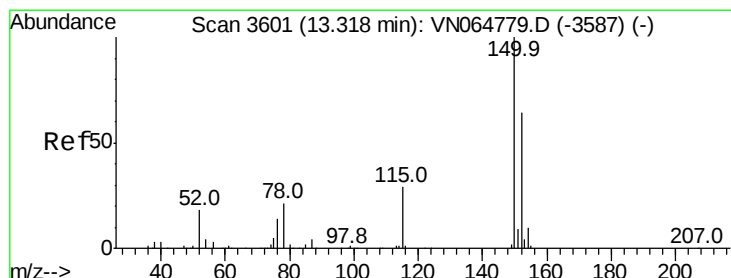
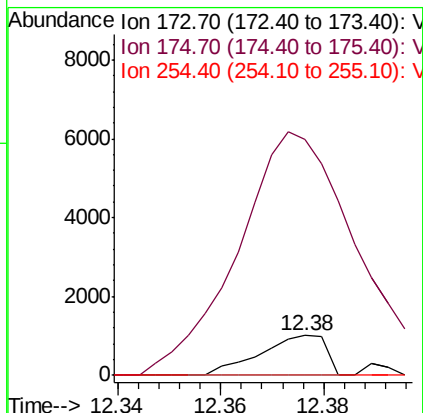
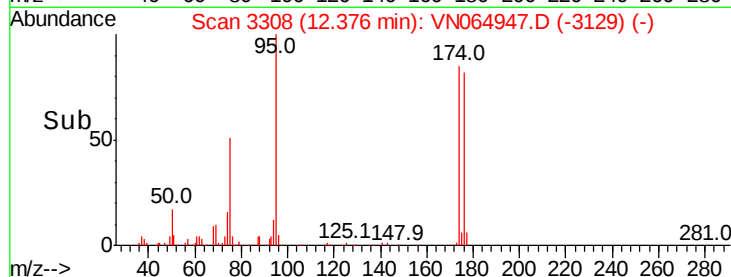
173 100

175 958.1 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# 3600

Delta R.T. -0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

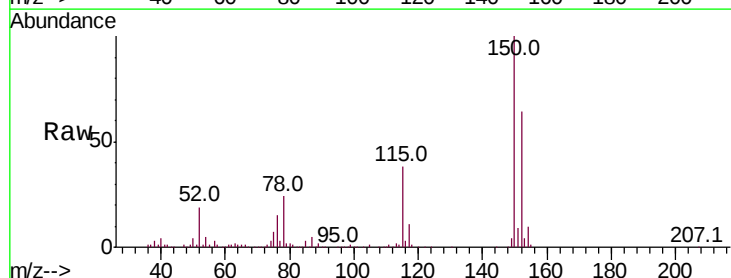
Tgt Ion:152 Resp: 159568

Ion Ratio Lower Upper

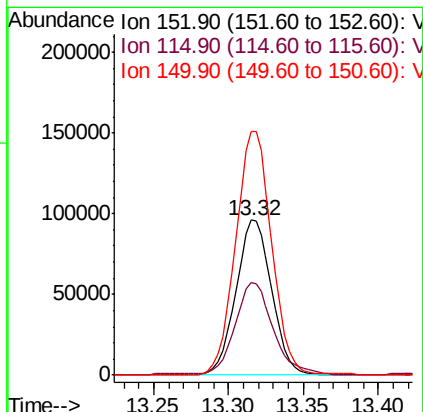
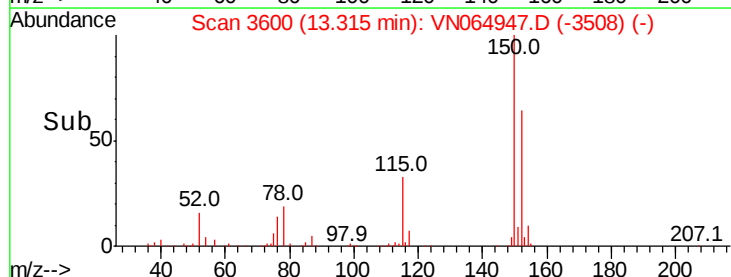
152 100

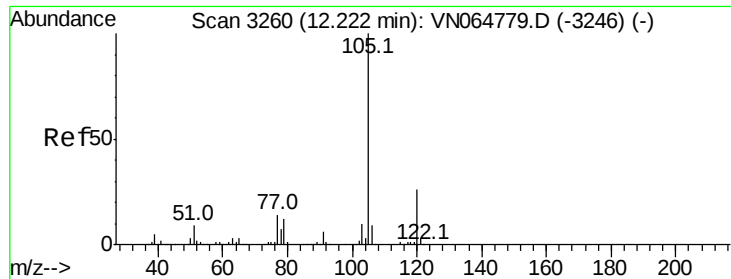
115 63.2 29.7 89.1

150 158.1 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: 20.271 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064947.D

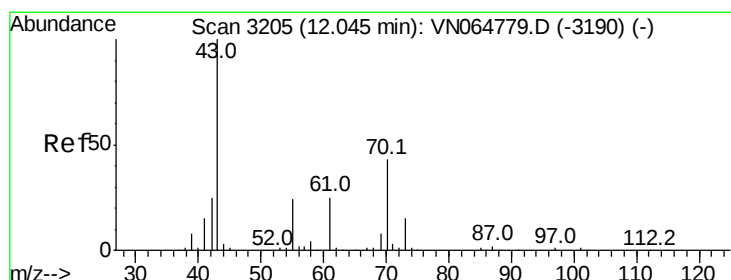
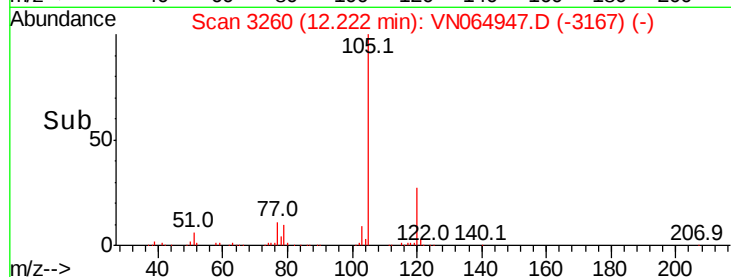
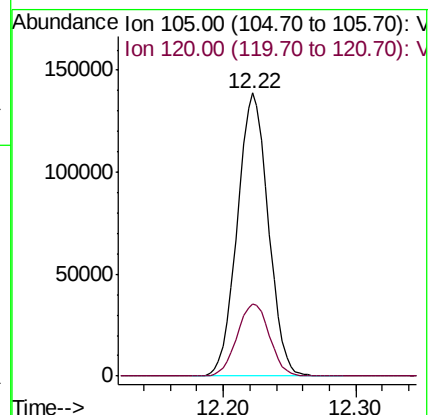
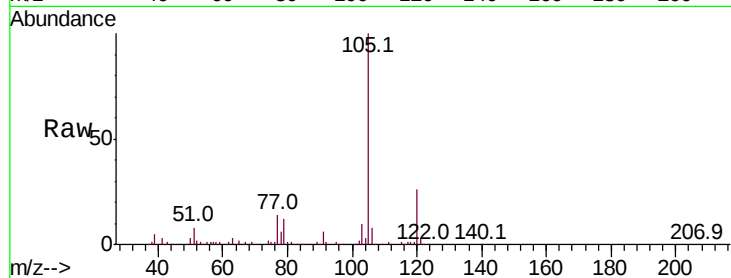
Acq: 7 Dec 2020 16:00

Tot Ion:105 Resp: 224988

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 0.579 ug/l

RT: 12.02 min Scan# 3196

Delta R.T. -0.03 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

Tgt Ion: 43 Resp: 2527

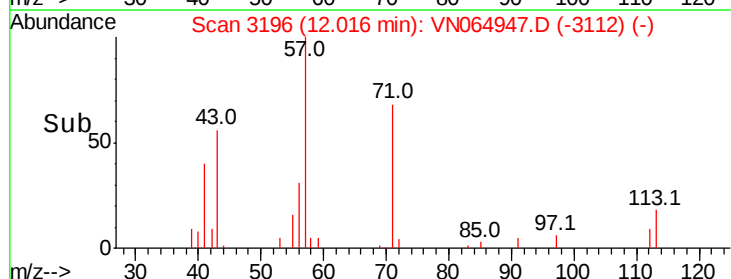
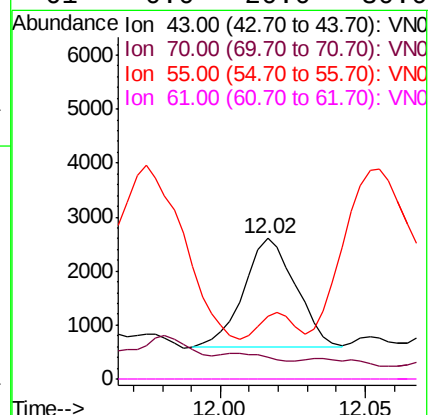
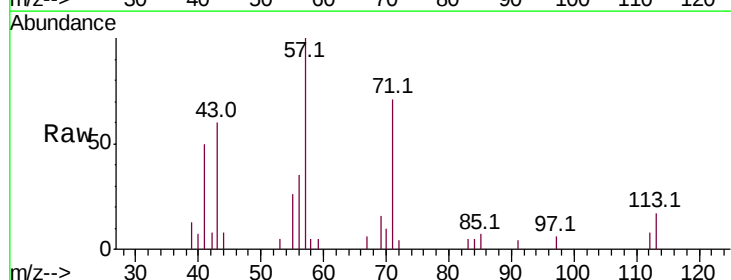
Ion Ratio Lower Upper

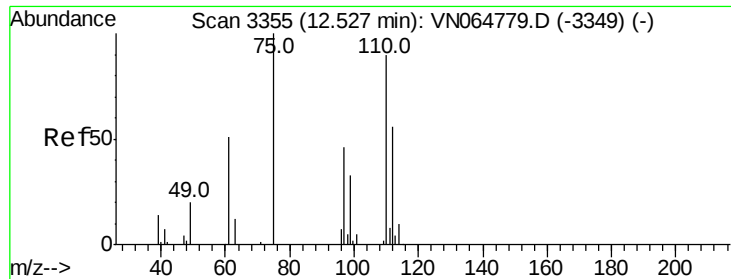
43 100

70 0.0 34.5 51.7#

55 0.0 20.4 30.6#

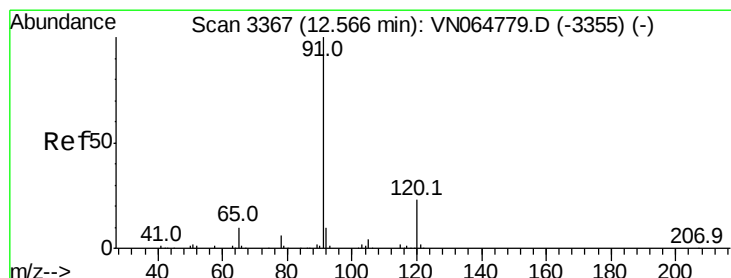
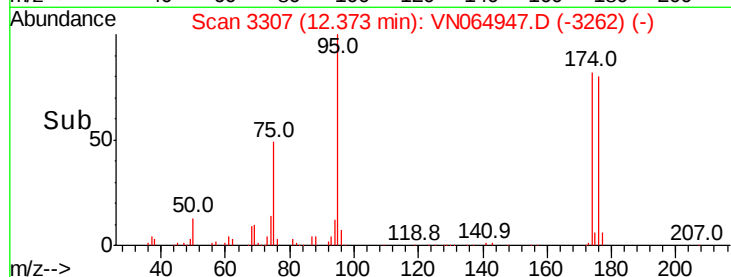
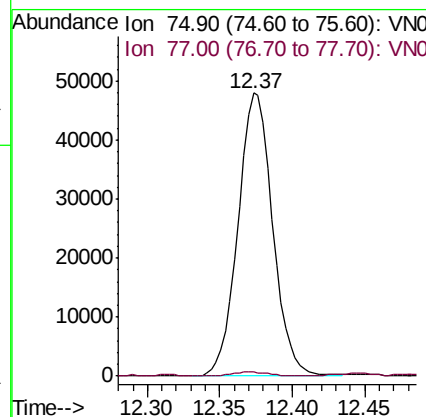
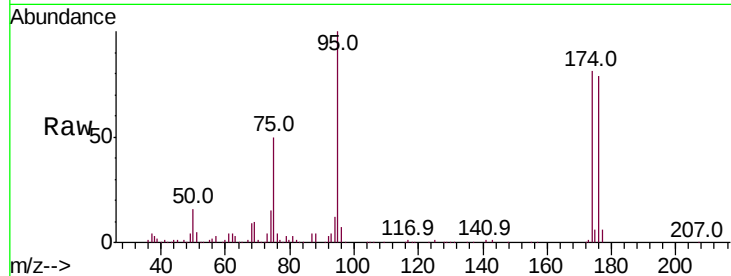
61 0.0 20.0 30.0#





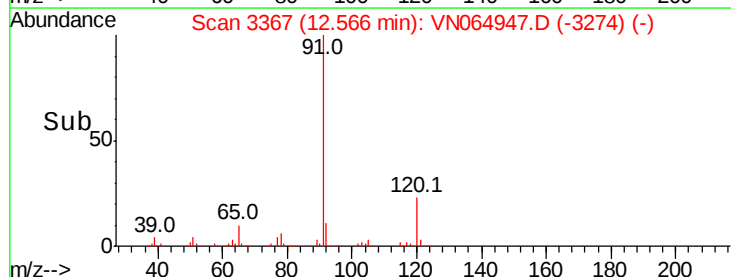
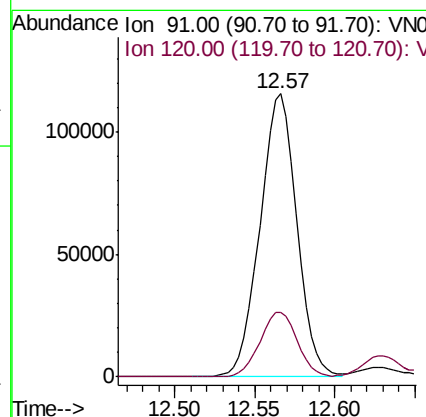
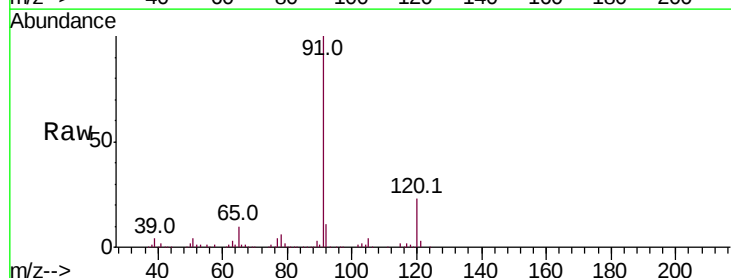
#76
 1,2,3-Trichloropropane
 Concen: 23.157 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.15 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

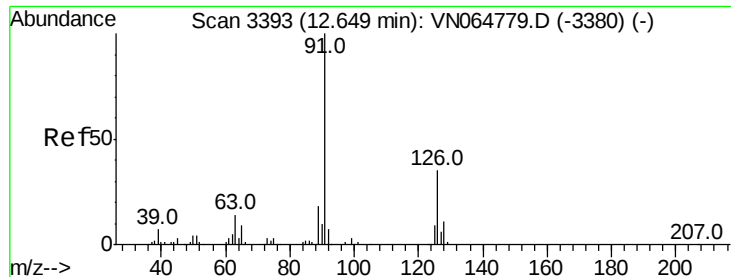
Tot Ion: 75 Resp: 79578
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#78
 n-propylbenzene
 Concen: 14.495 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

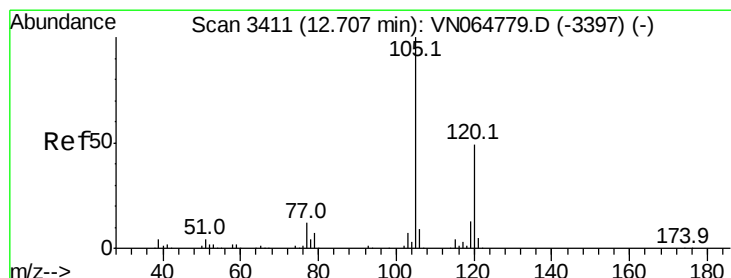
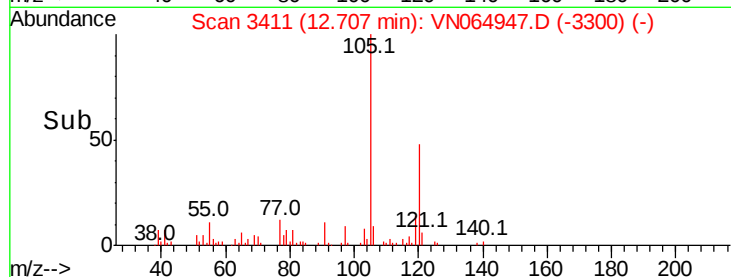
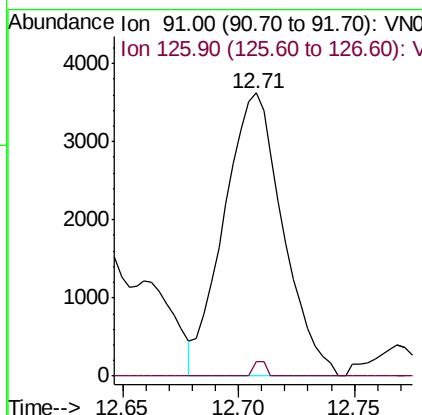
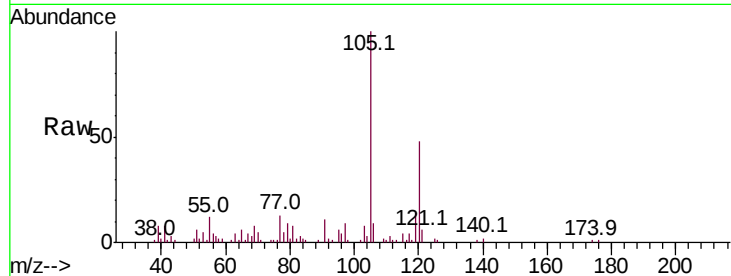
Tgt Ion: 91 Resp: 183281
 Ion Ratio Lower Upper
 91 100
 120 23.2 11.6 34.7





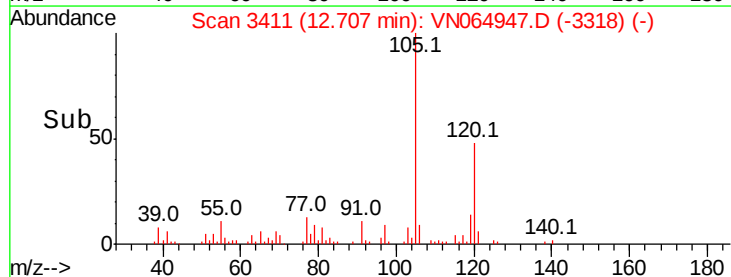
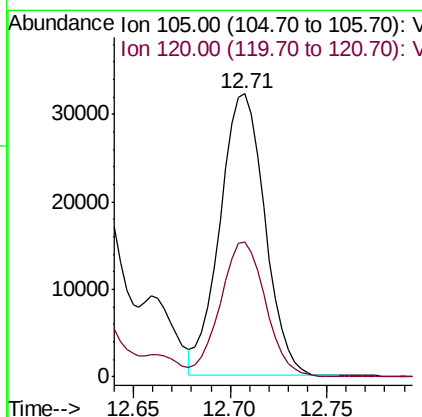
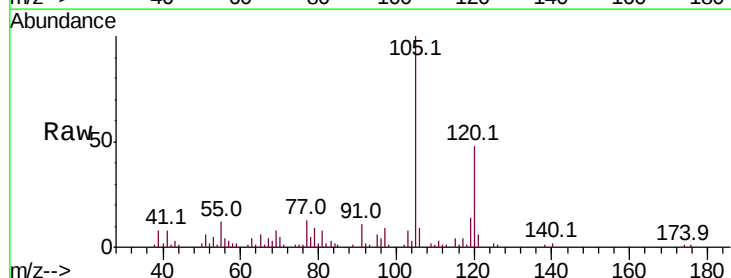
#79
 2-Chlorotoluene
 Concen: 0.815 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.06 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

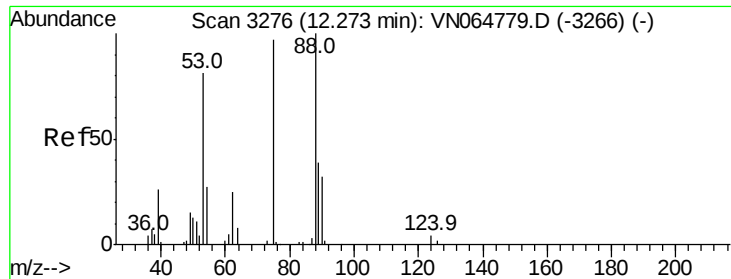
Tot Ion: 91 Resp: 6373
 Ion Ratio Lower Upper
 91 100
 126 1.1 17.2 51.6#



#80
 1,3,5-Trimethylbenzene
 Concen: 5.639 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

Tgt Ion: 105 Resp: 52019
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 63.468 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

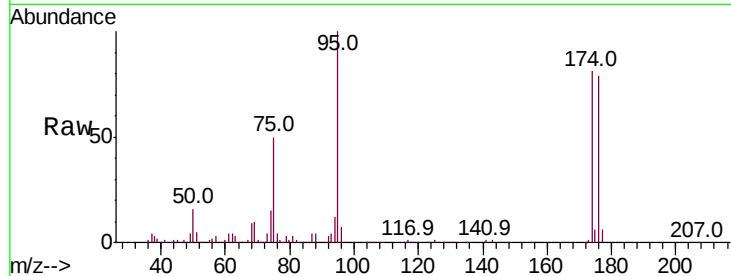
Tot Ion: 75 Resp: 79578

Ion Ratio Lower Upper

75 100

53 0.5 67.0 100.4#

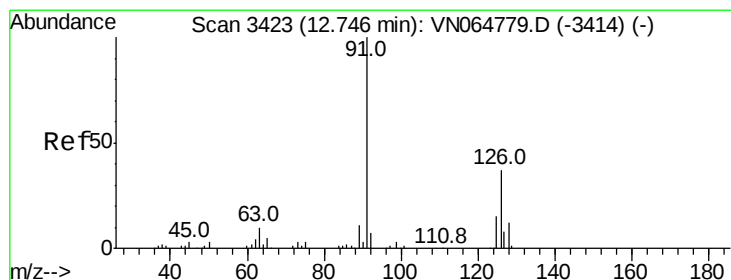
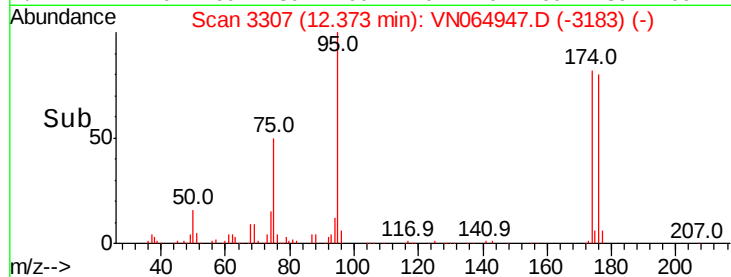
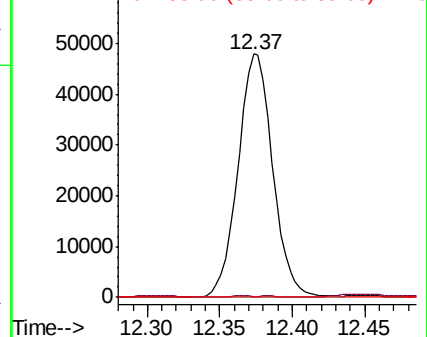
89 0.0 39.6 59.4#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 0.778 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.04 min

Lab File: VN064947.D

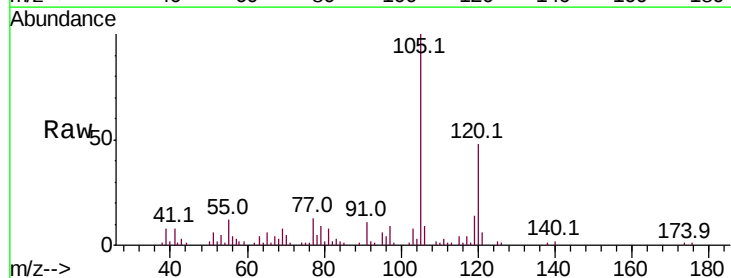
Acq: 7 Dec 2020 16:00

Tgt Ion: 91 Resp: 6373

Ion Ratio Lower Upper

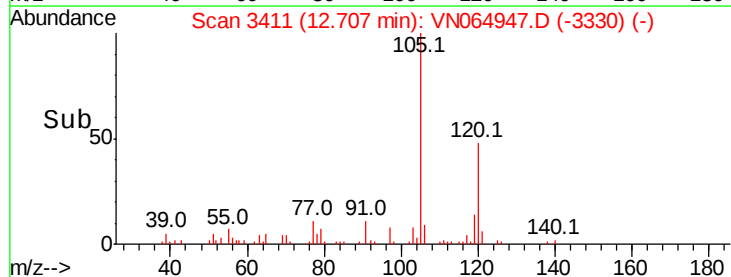
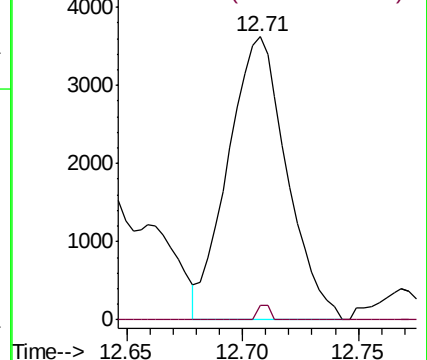
91 100

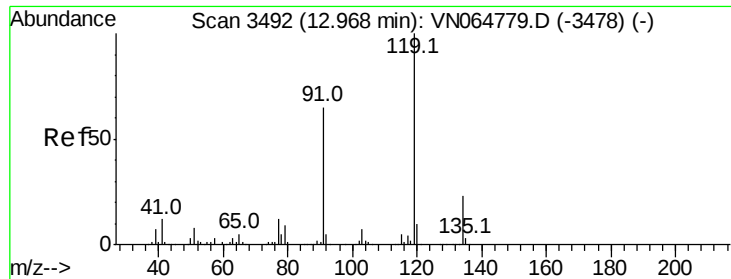
126 1.1 16.9 50.7#



Abundance Ion 91.00 (90.70 to 91.70): VN0

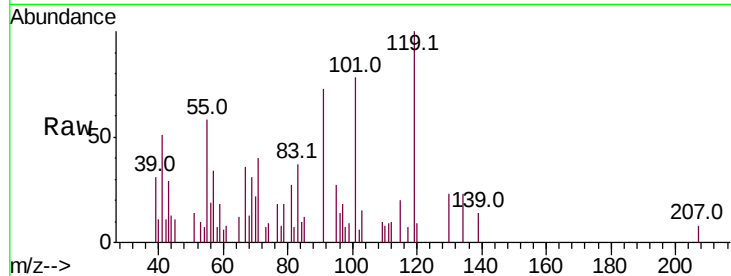
Ion 125.90 (125.60 to 126.60): V



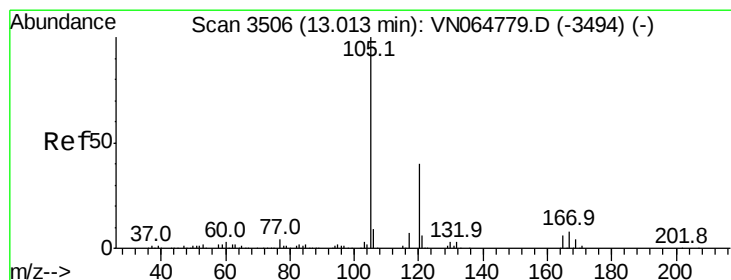
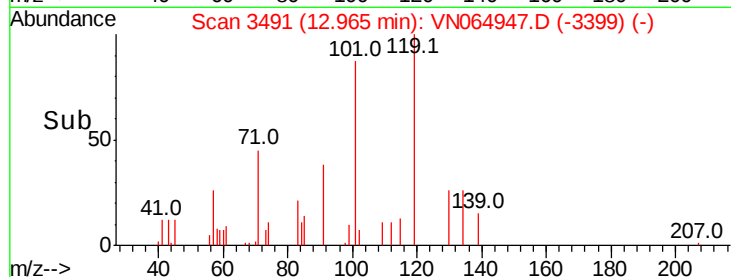
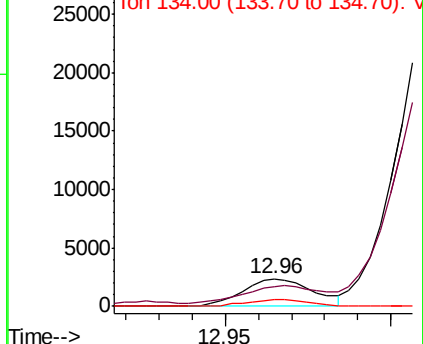


#83
tert-Butylbenzene
Concen: 0.446 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tot Ion:119 Resp: 3447
Ion Ratio Lower Upper
119 100
91 68.8 32.3 96.8
134 20.0 12.6 37.6

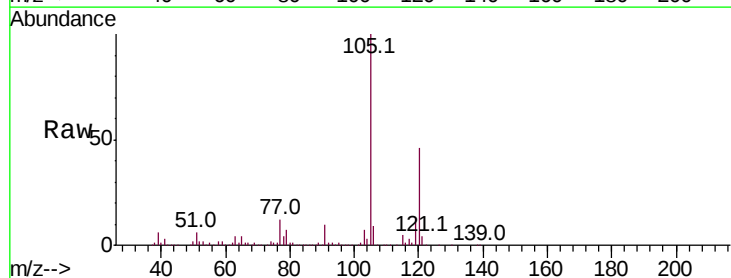


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

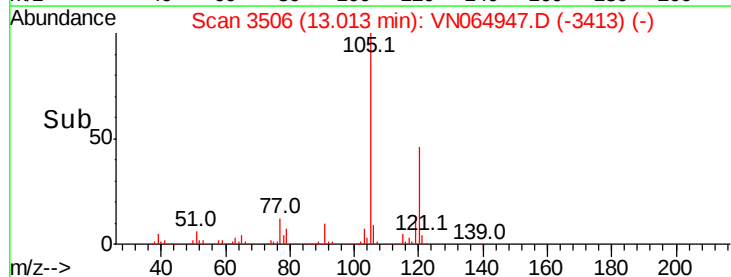
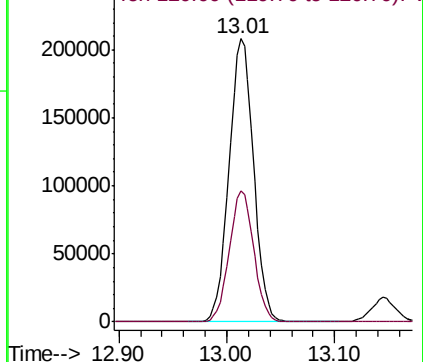


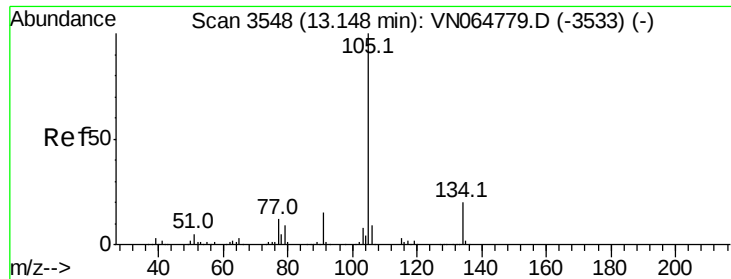
#84
1,2,4-Trimethylbenzene
Concen: 35.436 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

Tgt Ion:105 Resp: 330534
Ion Ratio Lower Upper
105 100
120 46.0 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: 2.671 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064947.D

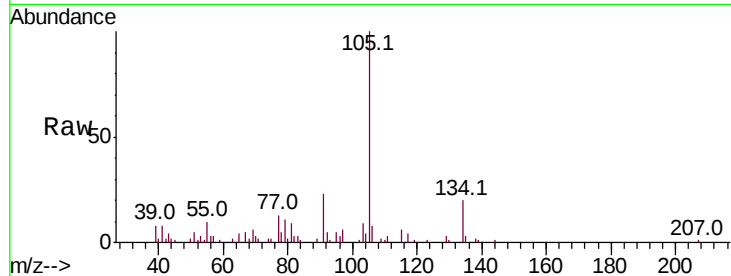
Acq: 7 Dec 2020 16:00

Tot Ion:105 Resp: 27423

Ion Ratio Lower Upper

105 100

134 29.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

20000

15000

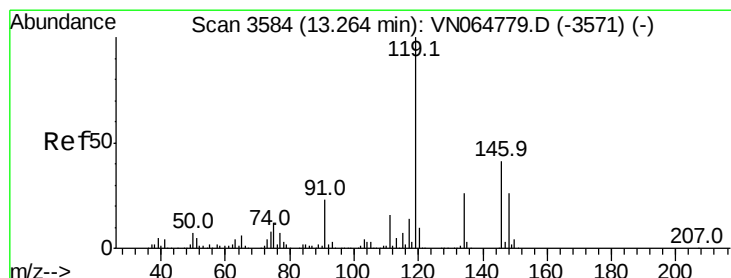
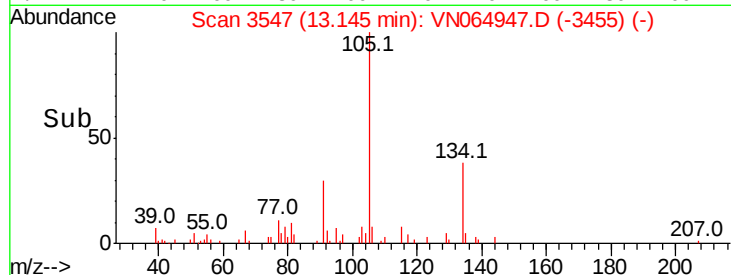
10000

5000

0

Time-->

13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 1.106 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064947.D

Acq: 7 Dec 2020 16:00

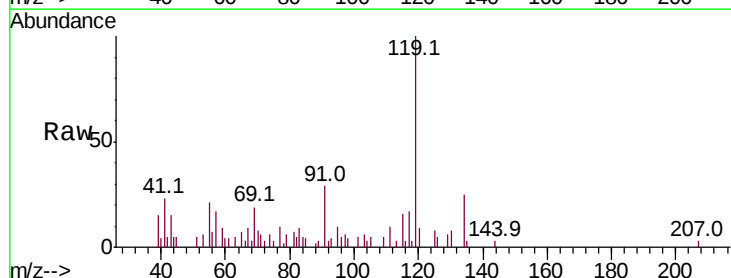
Tgt Ion:119 Resp: 10341

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.1

91 24.8 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

8000

6000

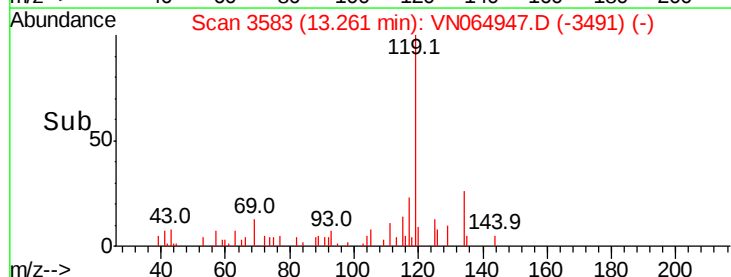
4000

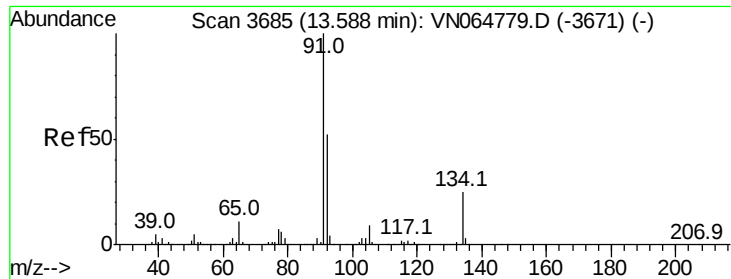
2000

0

Time-->

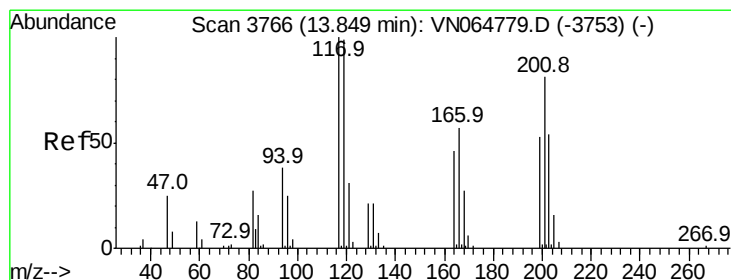
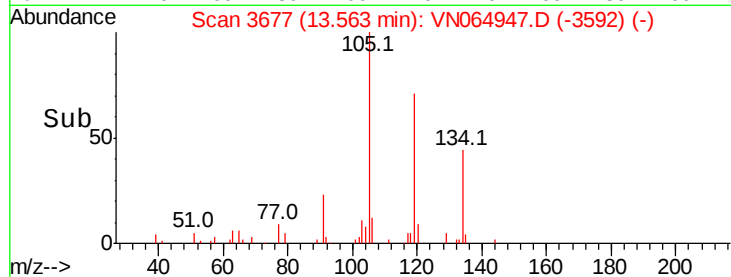
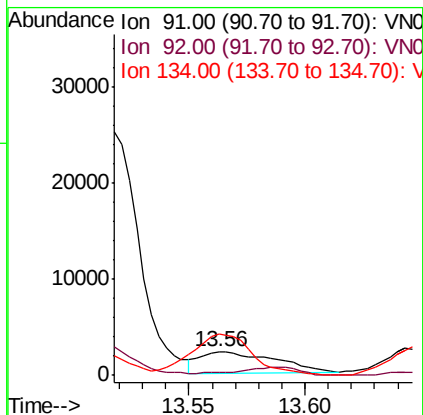
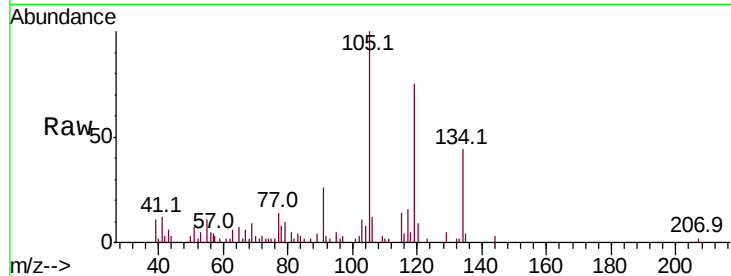
13.25 13.30





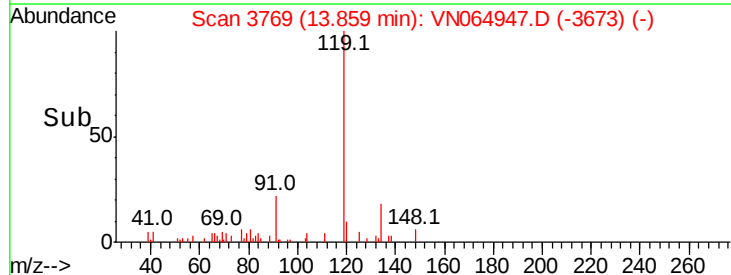
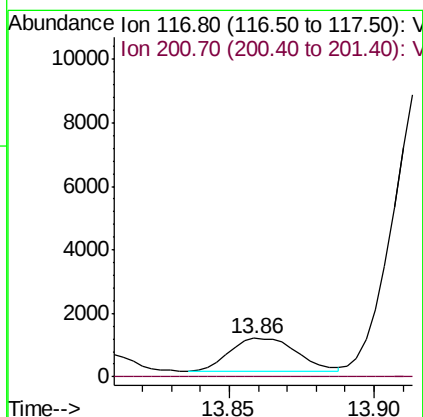
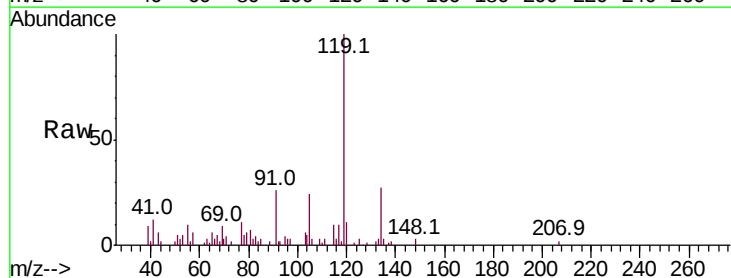
#89
n-Butylbenzene
Concen: 0.618 ug/l
RT: 13.56 min Scan# 3677
Delta R.T. -0.03 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

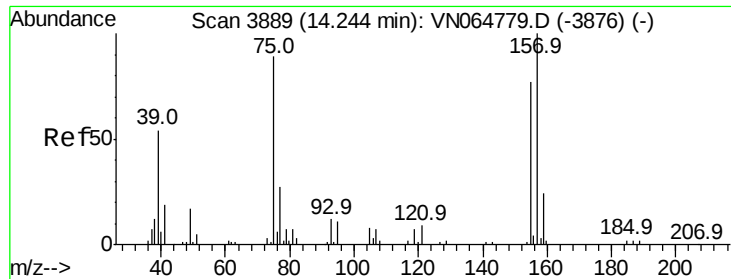
Tot Ion: 91 Resp: 5070
Ion Ratio Lower Upper
91 100
92 0.0 26.0 78.0#
134 157.5 12.9 38.6#



#90
Hexachloroethane
Concen: 1.053 ug/l
RT: 13.86 min Scan# 3769
Delta R.T. 0.01 min
Lab File: VN064947.D
Acq: 7 Dec 2020 16:00

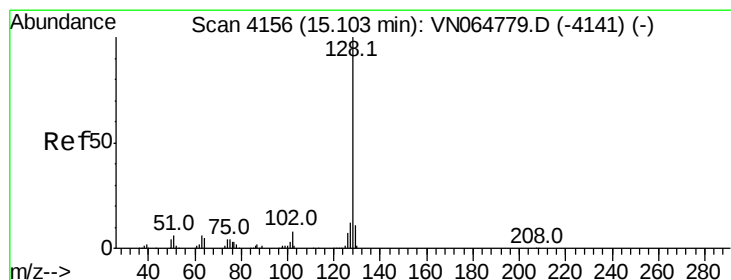
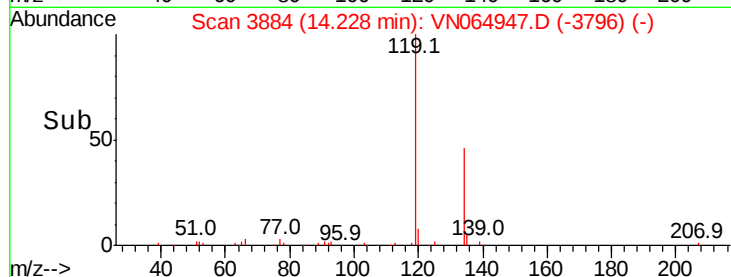
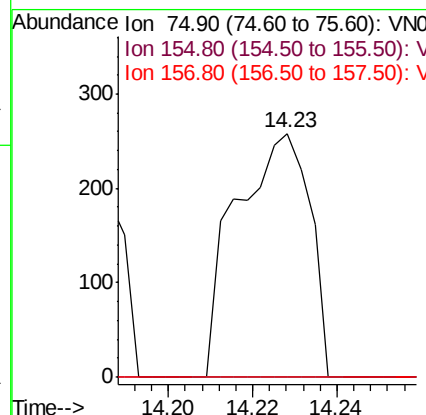
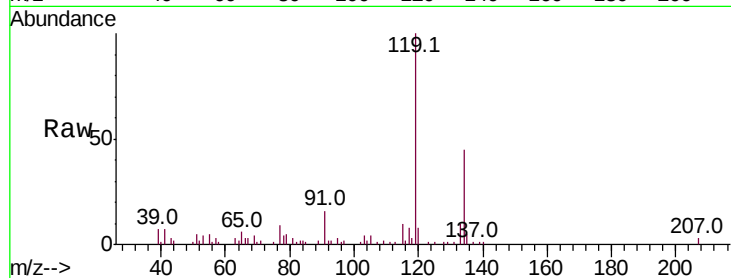
Tgt Ion: 117 Resp: 1710
Ion Ratio Lower Upper
117 100
201 0.0 40.1 120.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.429 ug/l
 RT: 14.23 min Scan# 3884
 Delta R.T. -0.02 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

Tot Ion	Ratio	Lower	Upper
75	100		
155	0.0	42.8	128.3#
157	0.0	56.4	169.1#



#95
 Naphthalene
 Concen: 16.372 ug/l
 RT: 15.10 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN064947.D
 Acq: 7 Dec 2020 16:00

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	10.8	8.7	13.1

