

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060559.D
 Acq On : 17 Mar 2020 16:11
 Operator : JC/MD
 Sample : L1946-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP

Quant Time: Mar 18 06:44:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	350180	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	328929	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157594	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	135333	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.57	113	103751	63.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	127.66%	
50) Toluene-d8	10.08	98	435243	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
62) 4-Bromofluorobenzene	12.40	95	165292	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	12663	31.420	ug/l #	83
14) Allyl chloride	4.29	41	2253	0.601	ug/l #	24
16) Acetone	3.78	43	437266	498.876	ug/l	99
17) Carbon Disulfide	4.02	76	583	Below Cal	#	75
18) Methyl Acetate	4.29	43	117894	40.305	ug/l	97
20) Methylene Chloride	4.52	84	127276	52.874	ug/l	98
23) Vinyl Acetate	5.99	43	1251	0.207	ug/l #	73
25) 2-Butanone	6.80	43	105181	74.293	ug/l	98
29) Tetrahydrofuran	7.21	42	561	0.570	ug/l #	33
31) Cyclohexane	7.64	56	4596	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	16686	5.000	ug/l #	49
37) Ethyl Acetate	6.80	43	105181	33.284	ug/l #	68
38) Carbon Tetrachloride	7.64	117	20056	6.172	ug/l #	16
41) Methacrylonitrile	7.17	41	560	0.384	ug/l #	100
43) Isopropyl Acetate	7.98	43	15118	2.733	ug/l #	55
44) Trichloroethene	8.82	130	6042	2.233	ug/l	93
48) Methyl methacrylate	9.14	41	708	0.281	ug/l #	27
49) 1,4-Dioxane	9.18	88	397	11.190	ug/l #	22
51) 4-Methyl-2-Pentanone	9.97	43	52237	16.653	ug/l	99
52) Toluene	10.14	92	955439	156.583	ug/l	99
53) t-1,3-Dichloropropene	10.14	75	11254	2.740	ug/l #	1
59) 2-Hexanone	10.74	43	6507	2.825	ug/l	89
67) Ethyl Benzene	11.50	91	75930	6.278	ug/l	98
68) m/p-Xylenes	11.61	106	154066	33.760	ug/l	100
69) o-Xylene	11.94	106	69989	16.083	ug/l	99
70) Styrene	11.96	104	21318	2.980	ug/l #	55
74) N-amyl acetate	12.02	43	9630	1.887	ug/l #	44
76) 1,2,3-Trichloropropane	12.40	75	83030	24.014	ug/l #	100
77) Bromobenzene	12.52	156	58783	20.530	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.65	105	7271	0.739	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.40	75	83030	66.289	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.04	105	10109	1.018	ug/l	98
87) 1,3-Dichlorobenzene	13.29	146	95	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.36	146	423	Below Cal	#	25

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Response via : Initial Calibration

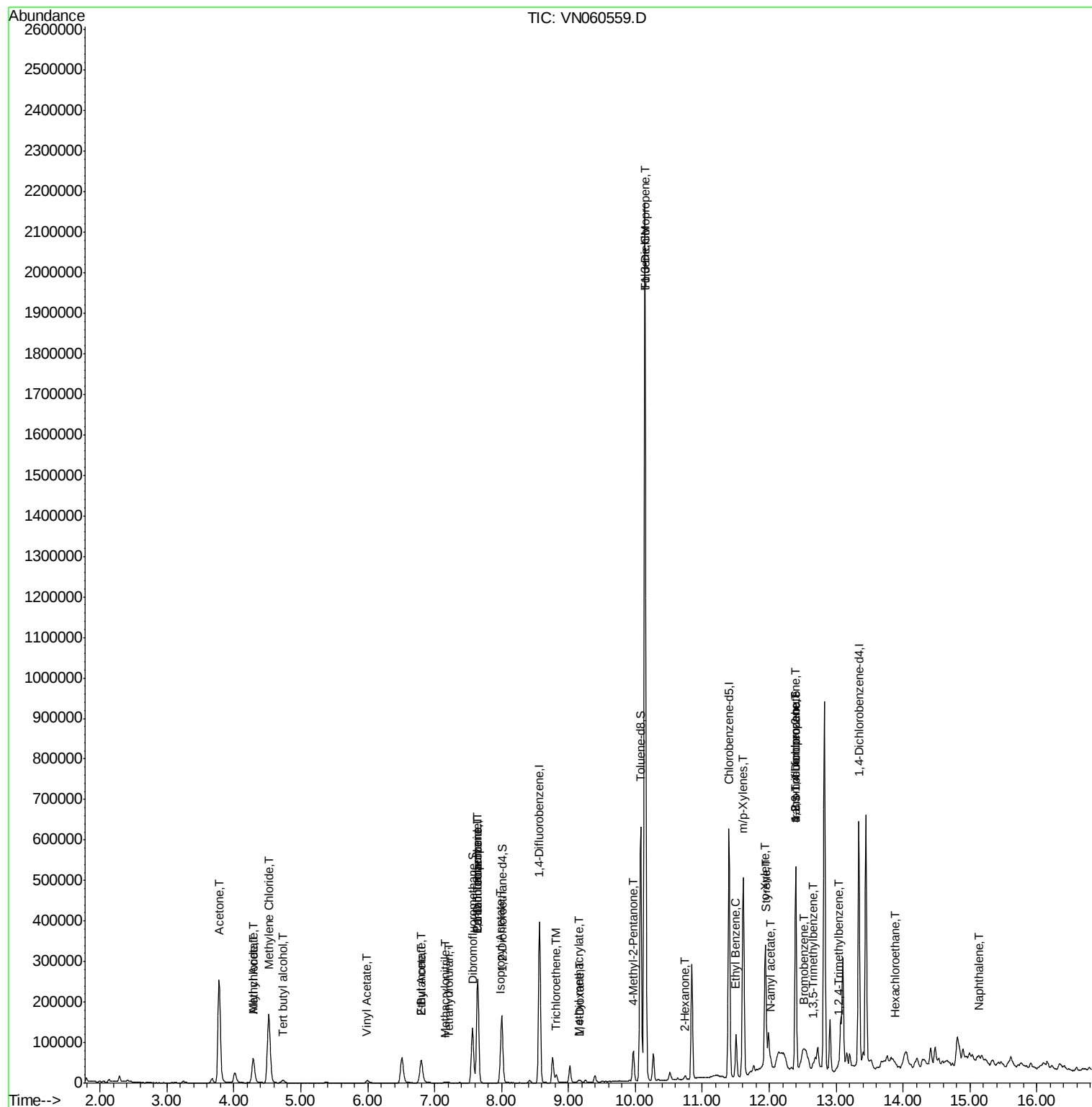
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.89	117	569	0.372	ug/l #	8
95) Naphthalene	15.13	128	9752	0.771	ug/l #	93

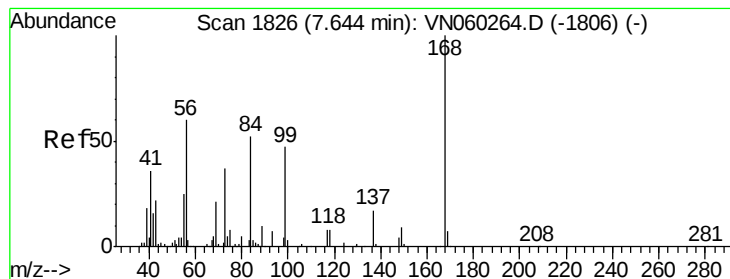
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031720\
Data File : VN060559.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

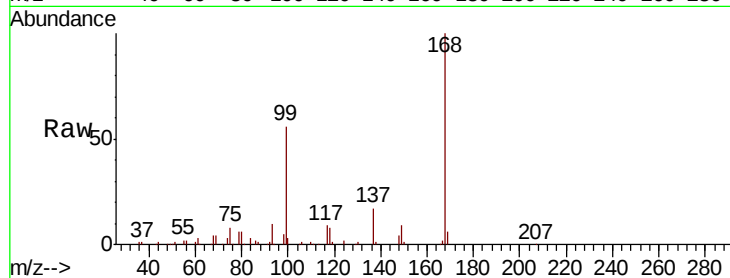
COMP

Tot Ion:168 Resp: 211550

Ion Ratio Lower Upper

168 100

99 55.9 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

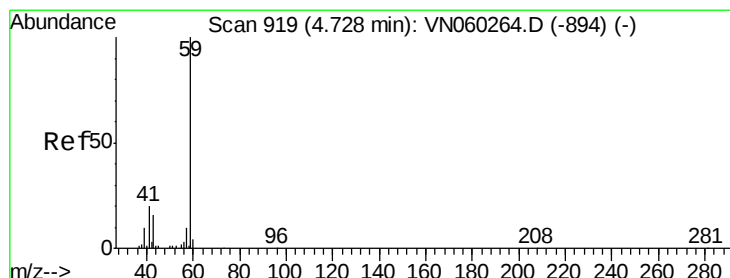
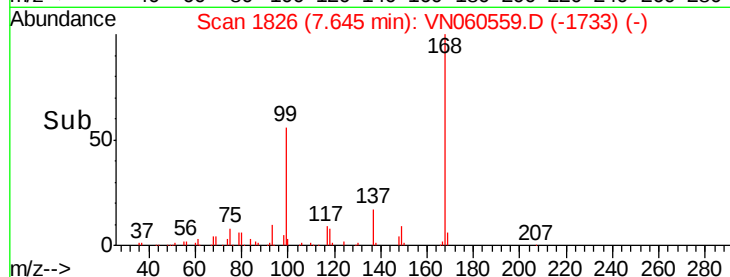
40000

20000

0

7.60 7.70

Time-->



#11

Tert butyl alcohol

Concen: 31.420 ug/l

RT: 4.73 min Scan# 920

Delta R.T. 0.00 min

Lab File: VN060559.D

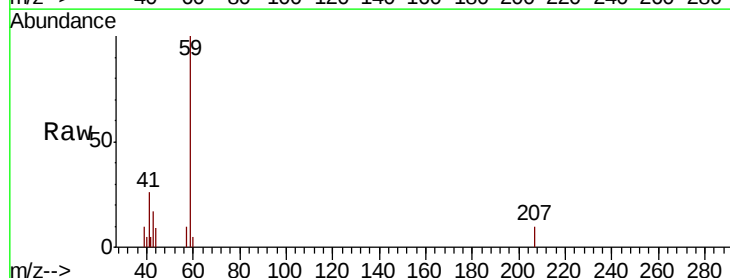
Acq: 17 Mar 2020 16:11

Tgt Ion: 59 Resp: 12663

Ion Ratio Lower Upper

59 100

57 3.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

4000

3000

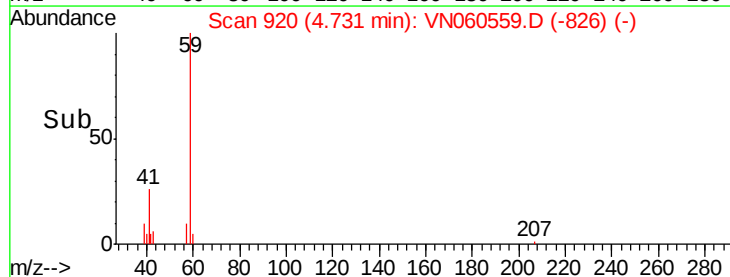
2000

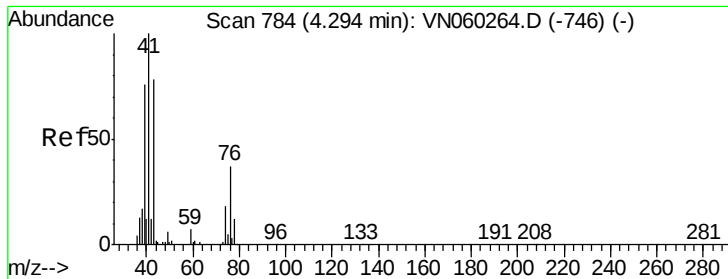
1000

0

4.60 4.70 4.80

Time-->

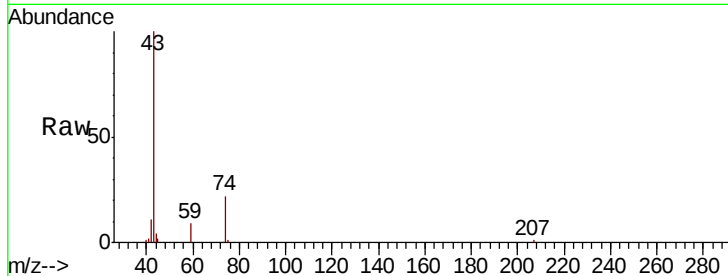




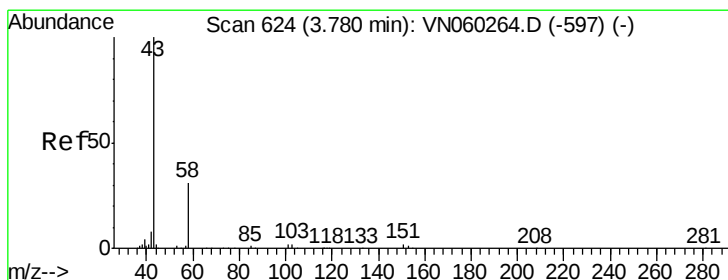
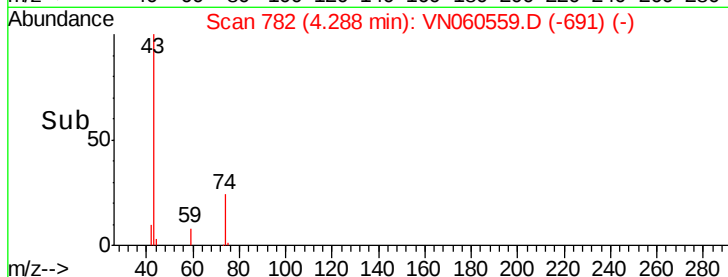
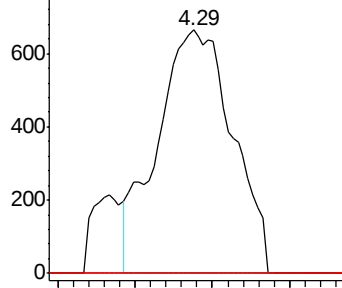
#14
Allvl chloride
Concen: 0.601 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.01 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tot Ion: 41 Resp: 2253
Ion Ratio Lower Upper
41 100
39 0.0 55.4 83.2#
76 0.0 27.0 40.6#

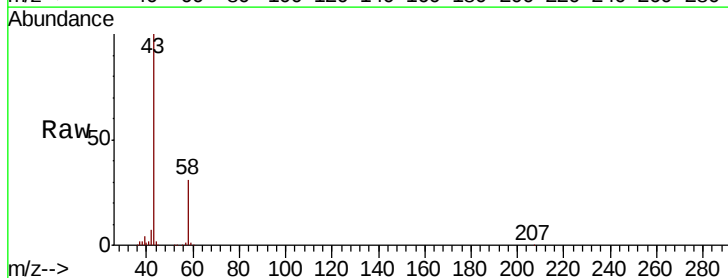


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0

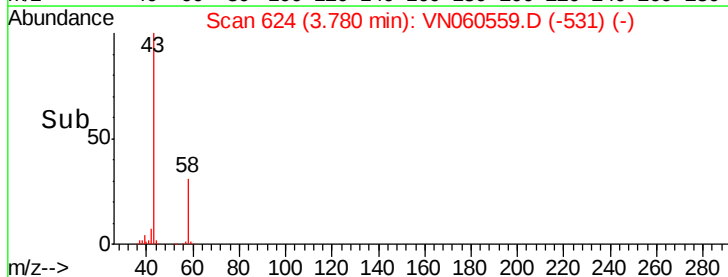
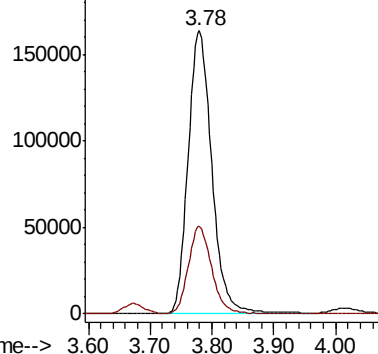


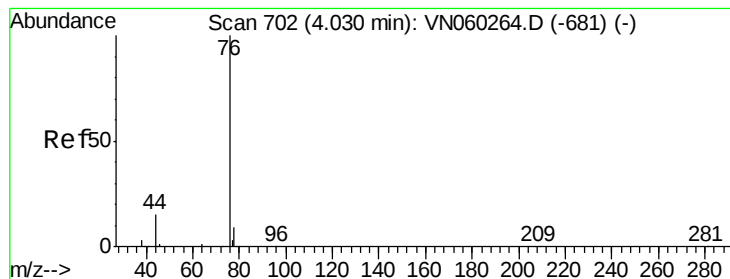
#16
Acetone
Concen: 498.876 ug/l
RT: 3.78 min Scan# 624
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion: 43 Resp: 437266
Ion Ratio Lower Upper
43 100
58 31.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.02 min Scan# 699

Delta R.T. -0.01 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

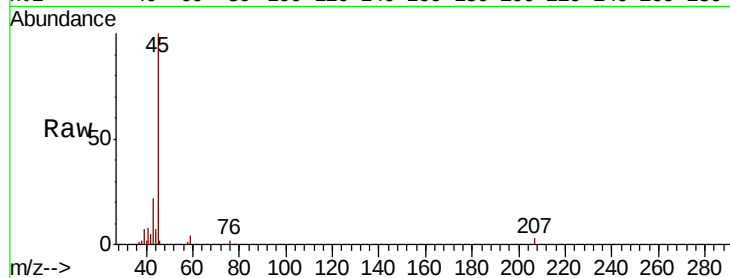
COMP

Tot Ion: 76 Resp: 583

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

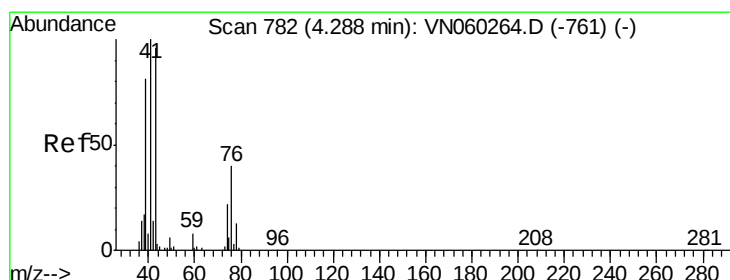
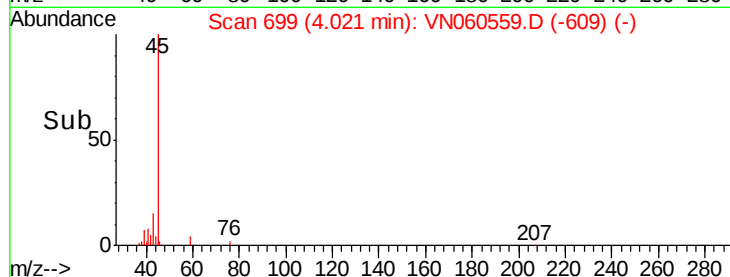
300

200

100

0

Time--> 3.98 4.00 4.02 4.04 4.06



#18

Methyl Acetate

Concen: 40.305 ug/l

RT: 4.29 min Scan# 782

Delta R.T. 0.00 min

Lab File: VN060559.D

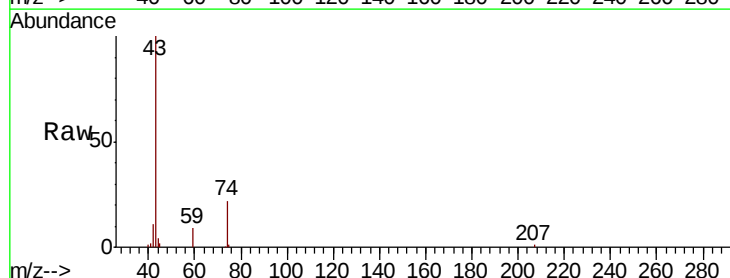
Acq: 17 Mar 2020 16:11

Tgt Ion: 43 Resp: 117894

Ion Ratio Lower Upper

43 100

74 22.2 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

40000

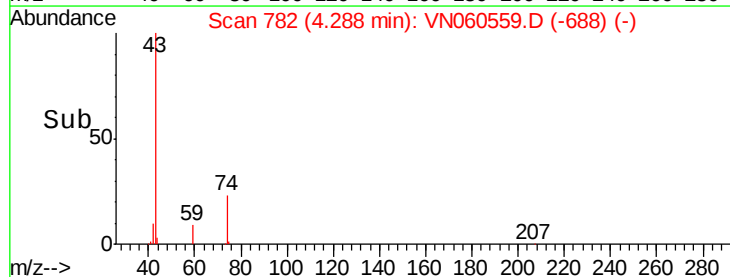
30000

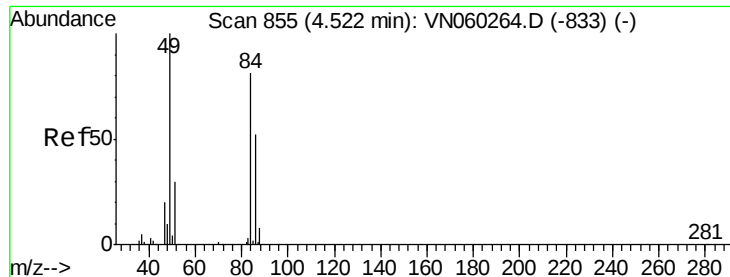
20000

10000

0

Time--> 4.20 4.30 4.40

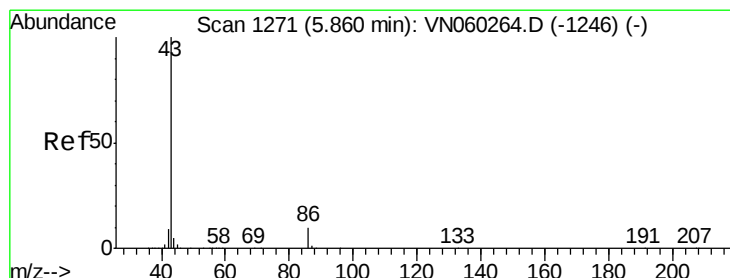
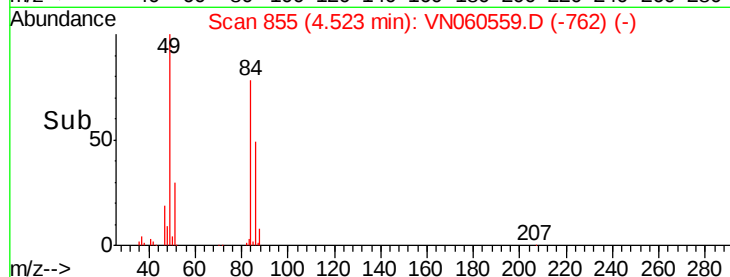
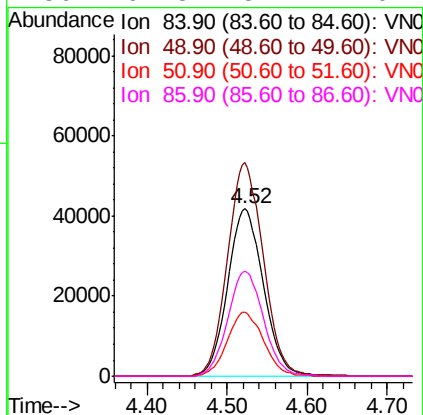
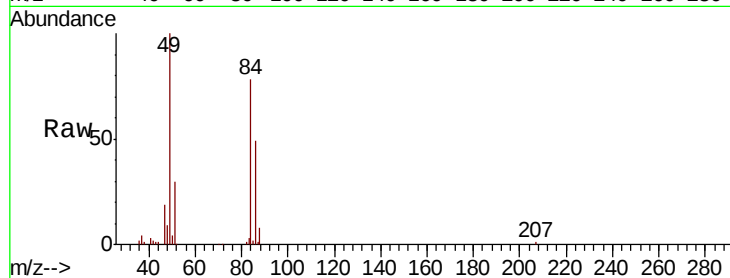




#20
Methvlene Chloride
Concen: 52.874 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

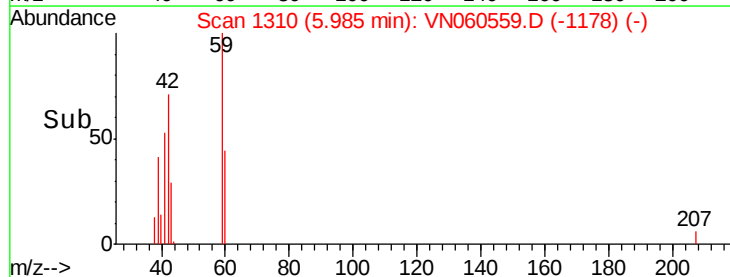
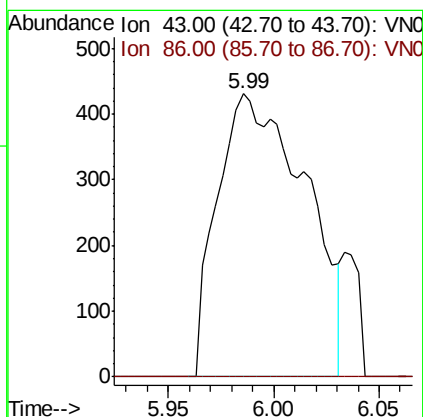
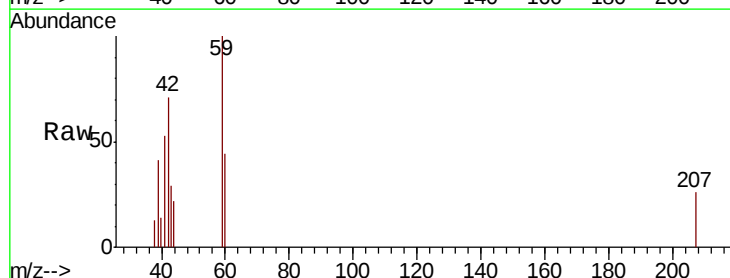
Instrument :
MSVOA_N
ClientSampled :
COMP

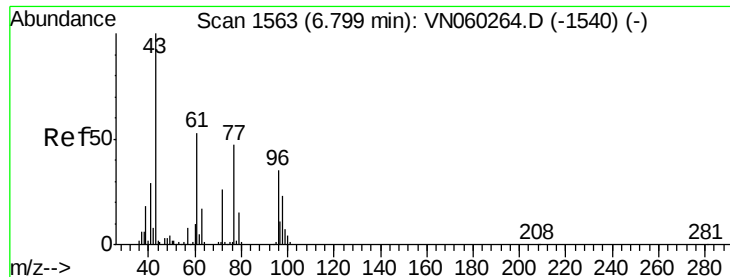
Tot Ion:	84	Resp:	127276
Ion	Ratio	Lower	Upper
84	100		
49	127.7	99.3	148.9
51	38.6	30.1	45.1
86	62.8	51.1	76.7



#23
Vinyl Acetate
Concen: 0.207 ug/l
RT: 5.99 min Scan# 1310
Delta R.T. 0.13 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion:	43	Resp:	1251
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.0	12.0#





#25

2-Butanone

Concen: 74.293 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

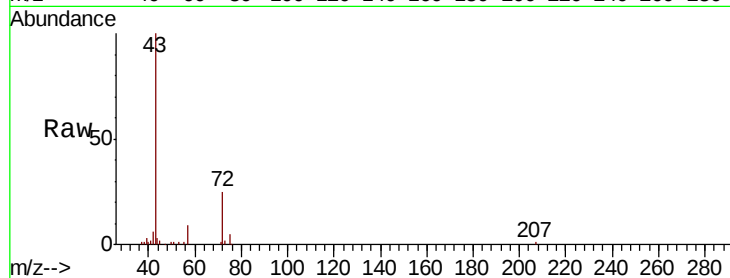
COMP

Tot Ion: 43 Resp: 105181

Ion Ratio Lower Upper

43 100

72 25.1 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.80

40000

30000

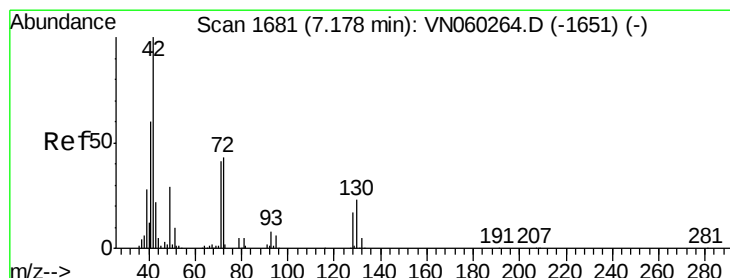
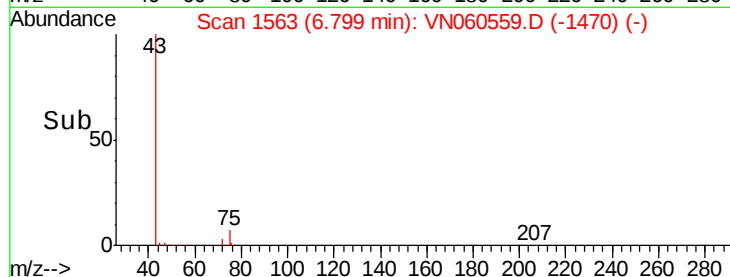
20000

10000

0

6.70 6.80 6.90

Time-->



#29

Tetrahydrofuran

Concen: 0.570 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.03 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

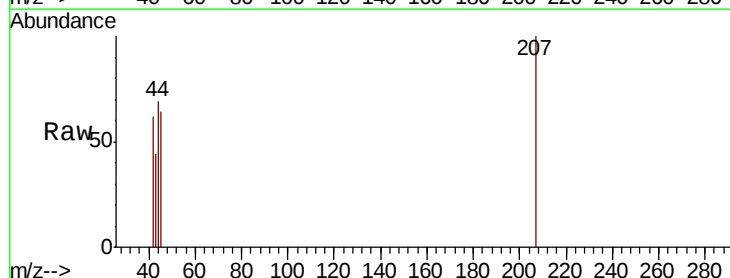
Tgt Ion: 42 Resp: 561

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 32.9 49.3#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0

7.21

300

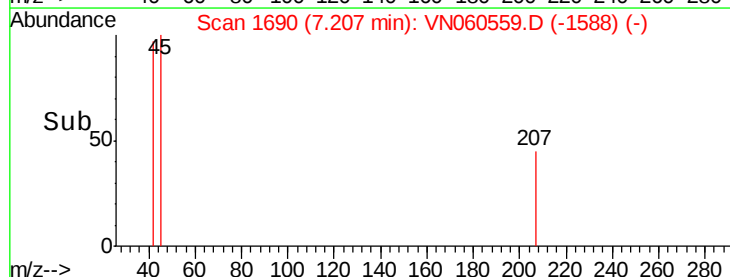
200

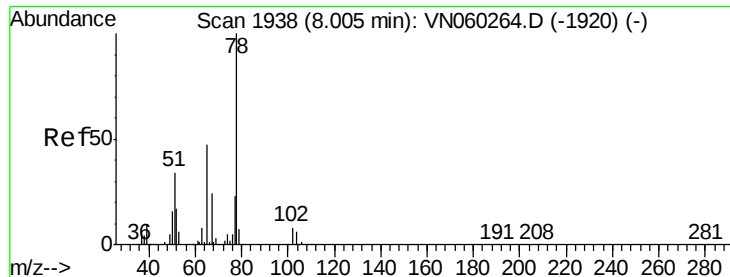
100

0

7.16 7.18 7.20 7.22 7.24

Time-->

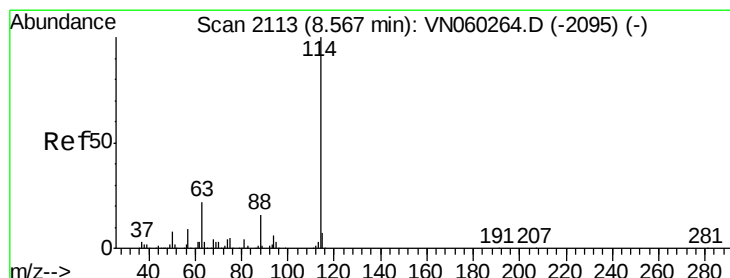
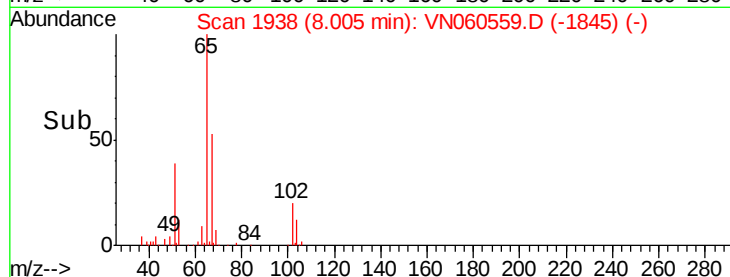
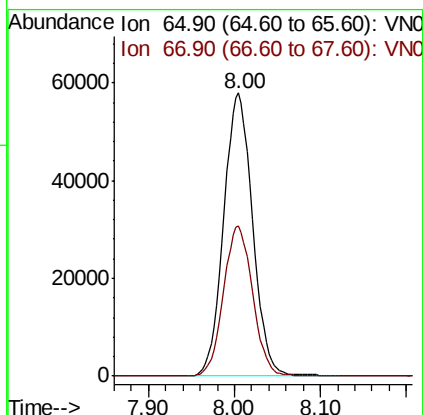
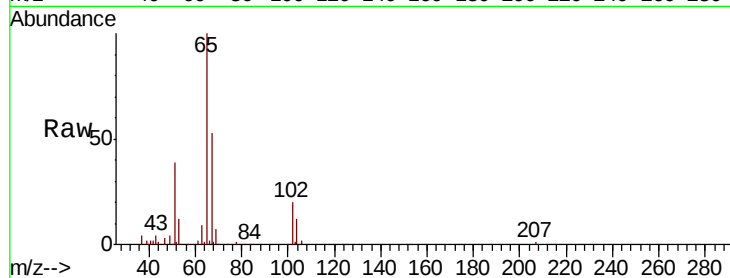




#33
 1,2-Dichloroethane-d4
 Concen: 49.861 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060559.D
 Acq: 17 Mar 2020 16:11

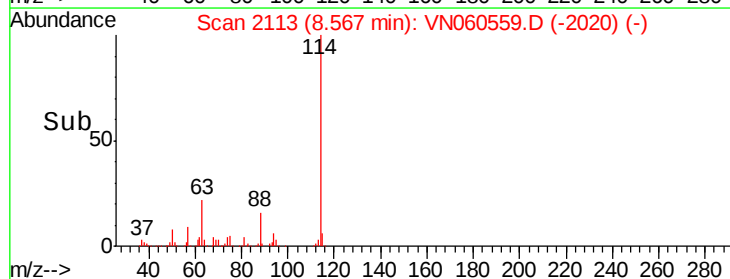
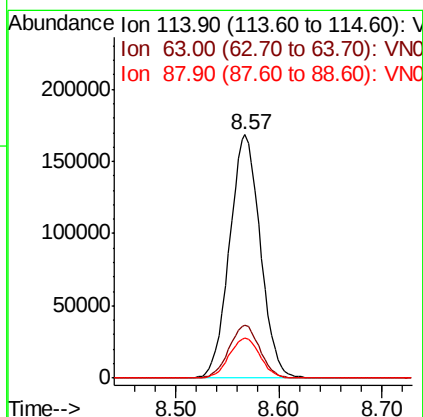
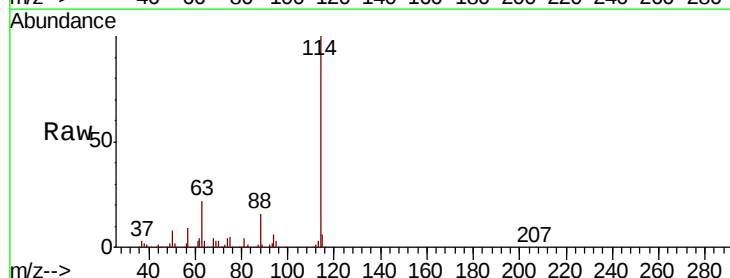
Instrument :
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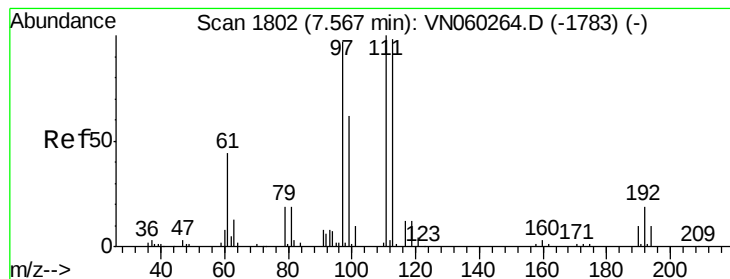
Tot Ion: 65 Resp: 135333
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060559.D
 Acq: 17 Mar 2020 16:11

Tgt Ion: 114 Resp: 350180
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 16.4 0.0 31.6





#35

Dibromofluoromethane

Concen: 63.830 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

COMP

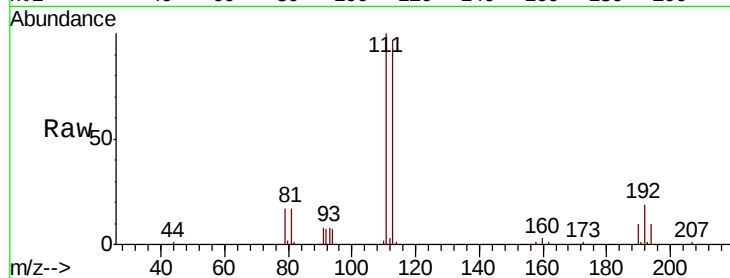
Tot Ion:113 Resp: 103751

Ion Ratio Lower Upper

113 100

111 103.8 82.4 123.6

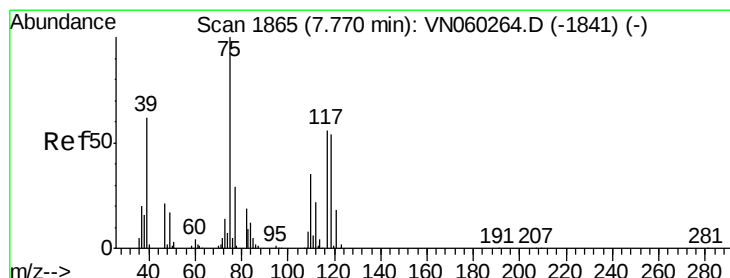
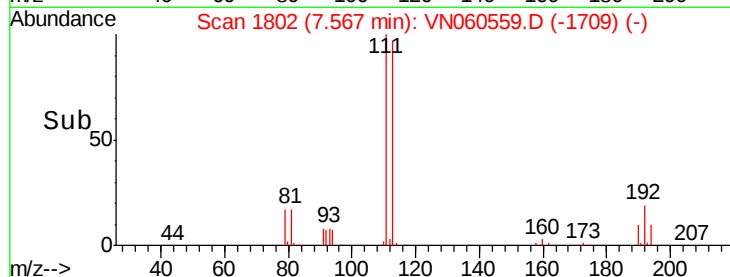
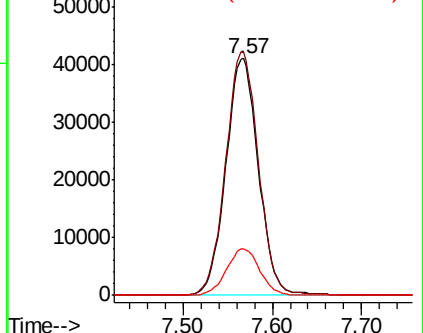
192 20.0 16.2 24.2



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: 5.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.13 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

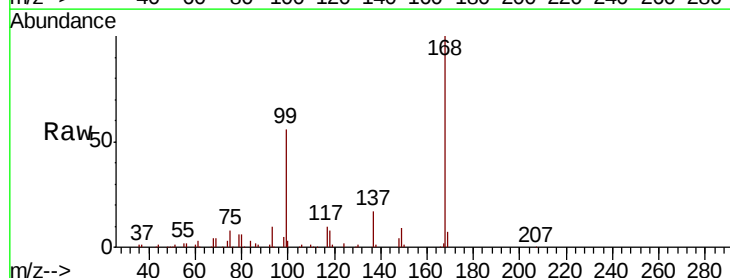
Tgt Ion: 75 Resp: 16686

Ion Ratio Lower Upper

75 100

110 7.5 17.3 52.0#

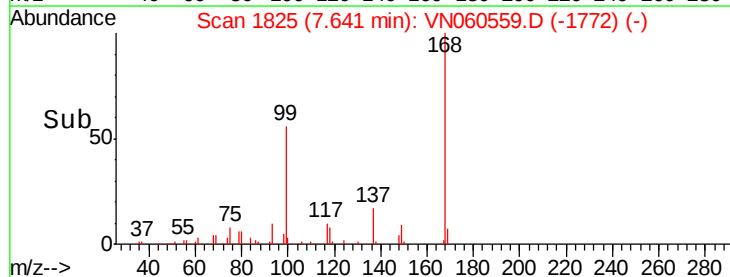
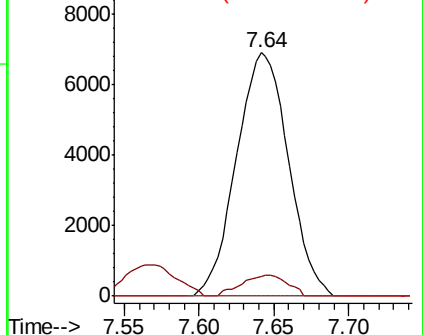
77 0.0 24.2 36.2#

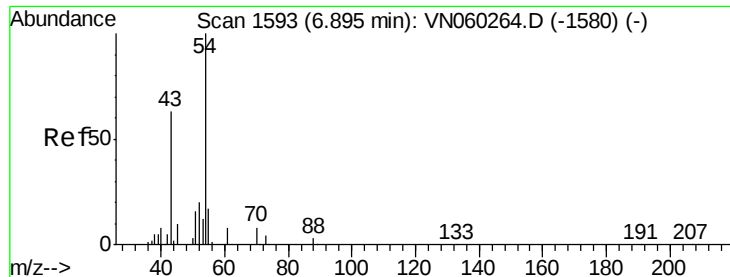


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 33.284 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

COMP

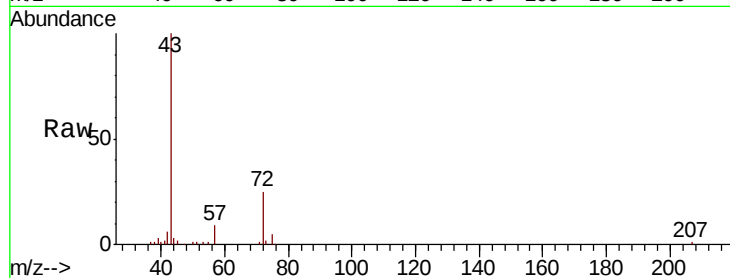
Tot Ion: 43 Resp: 105181

Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

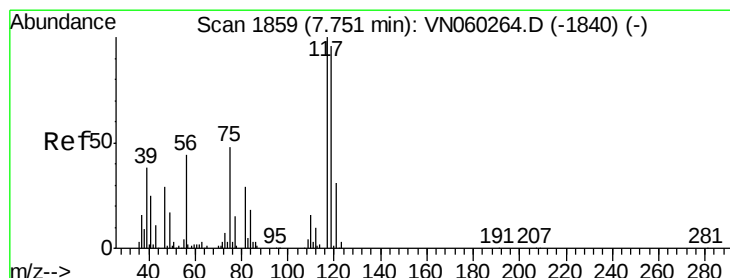
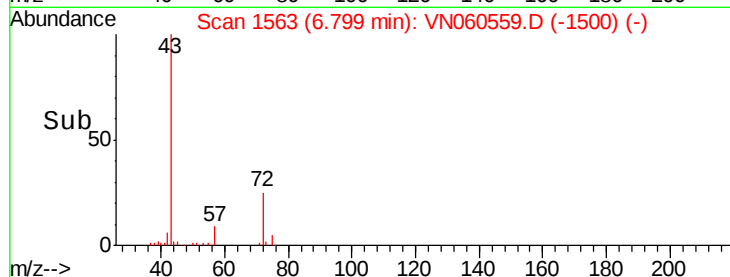
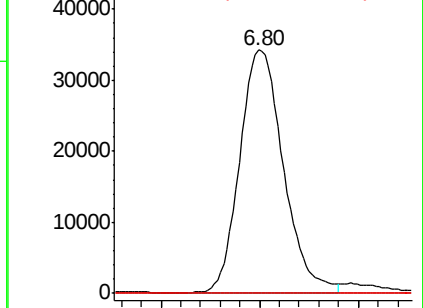
70 0.0 8.4 12.6#



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1580) (-)

Ion 60.90 (60.60 to 61.60): VN060264.D (-1580) (-)

Ion 70.00 (69.70 to 70.70): VN060264.D (-1580) (-)



#38

Carbon Tetrachloride

Concen: 6.172 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.11 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

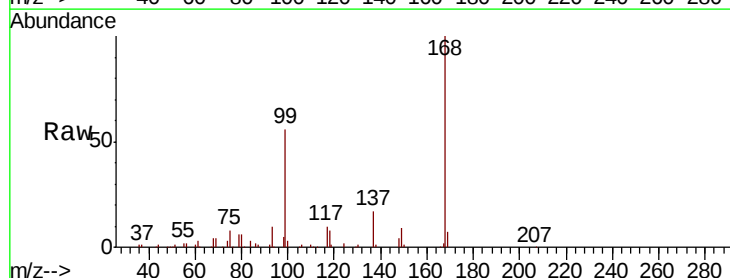
Tgt Ion: 117 Resp: 20056

Ion Ratio Lower Upper

117 100

119 5.6 76.7 115.1#

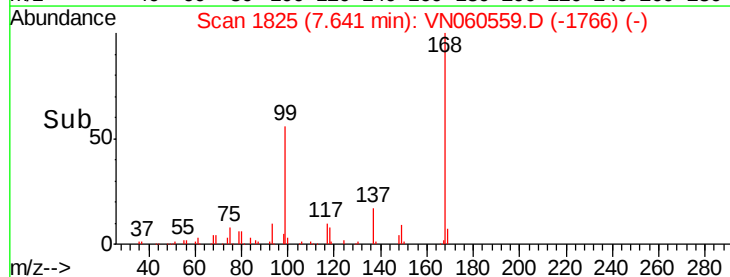
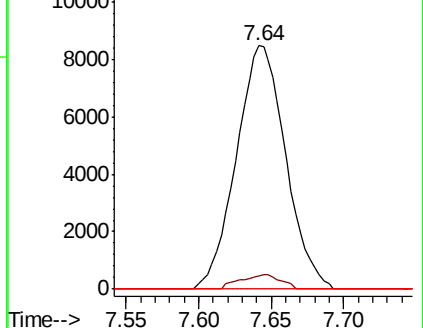
121 0.0 24.5 36.7#

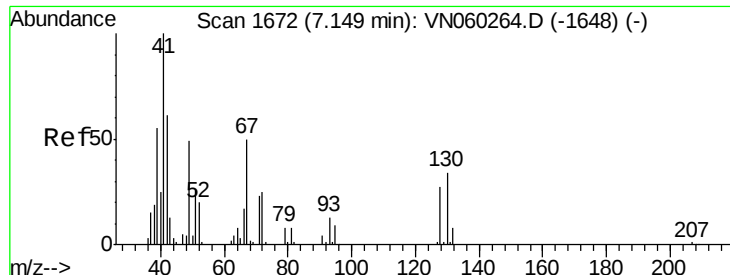


Abundance Ion 116.80 (116.50 to 117.50): VN060264.D (-1840) (-)

Ion 118.80 (118.50 to 119.50): VN060264.D (-1840) (-)

Ion 120.80 (120.50 to 121.50): VN060264.D (-1840) (-)

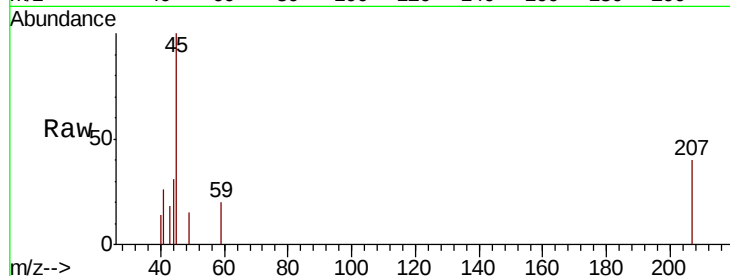




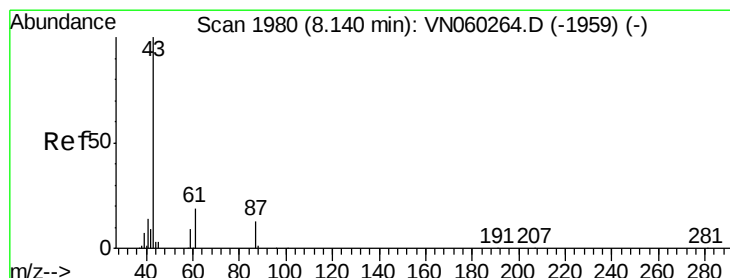
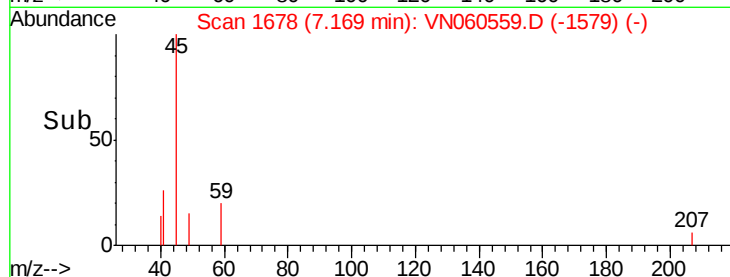
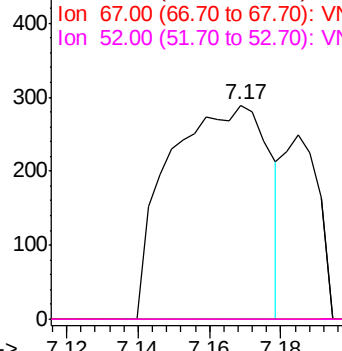
#41
Methacrylonitrile
Concen: 0.384 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.02 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
COMP

Tot Ion:	41	Resp:	560
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

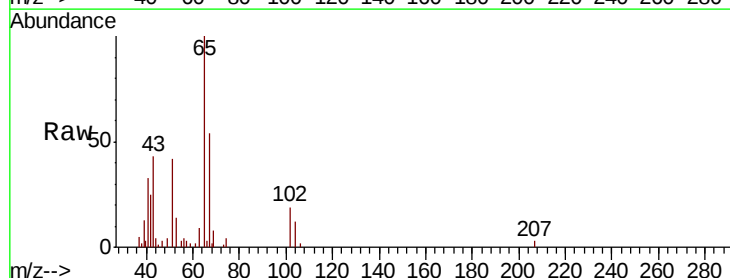


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

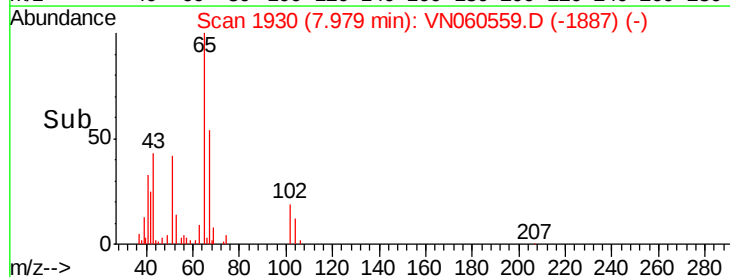
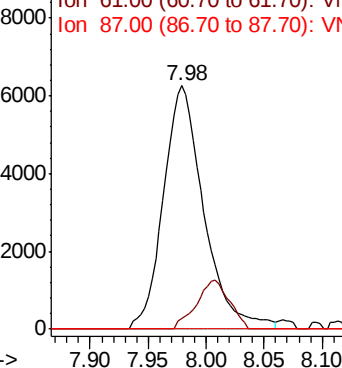


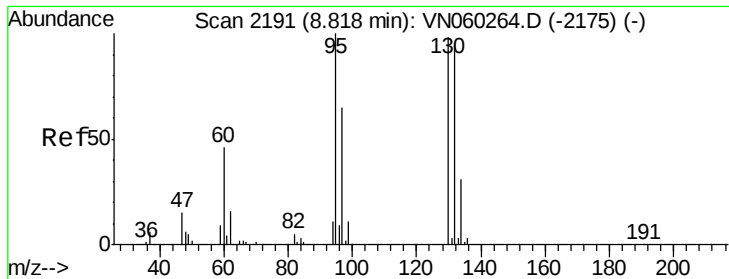
#43
Isopropyl Acetate
Concen: 2.733 ug/l
RT: 7.98 min Scan# 1930
Delta R.T. -0.16 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion:	43	Resp:	15118
Ion	Ratio	Lower	Upper
43	100		
61	0.0	20.9	31.3#
87	0.0	10.6	16.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0





#44

Trichloroethene

Concen: 2.233 ug/l

RT: 8.82 min Scan# 2192

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

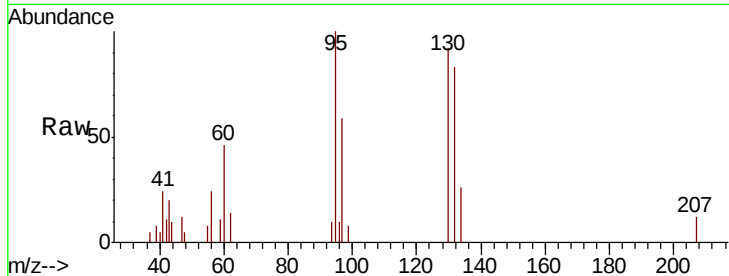
COMP

Tot Ion:130 Resp: 6042

Ion Ratio Lower Upper

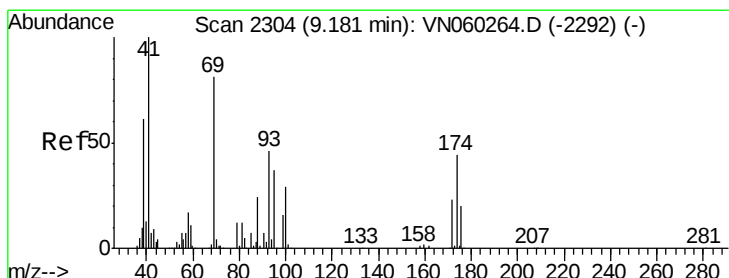
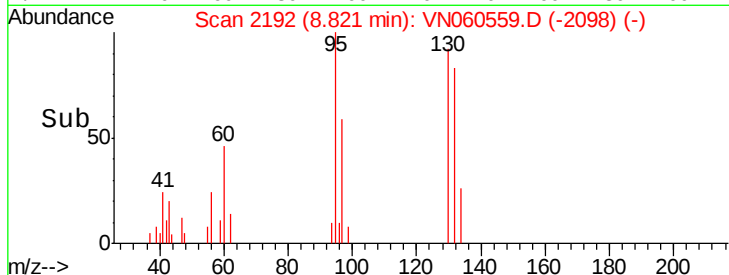
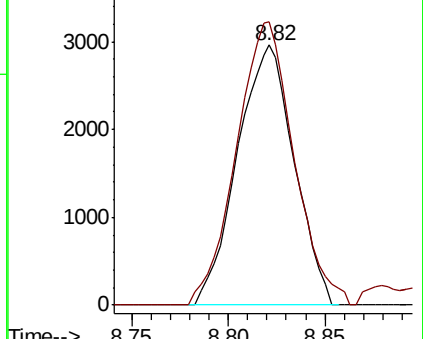
130 100

95 109.0 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN060264.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060264.D (-2175) (-)



#48

Methyl methacrylate

Concen: 0.281 ug/l

RT: 9.14 min Scan# 2292

Delta R.T. -0.04 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

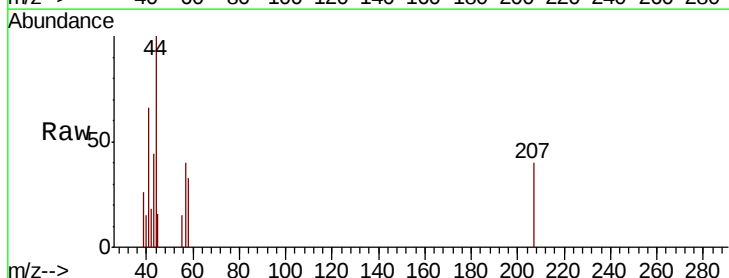
Tgt Ion: 41 Resp: 708

Ion Ratio Lower Upper

41 100

69 0.0 66.7 100.1#

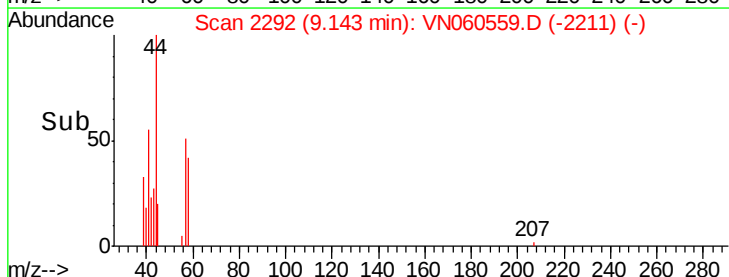
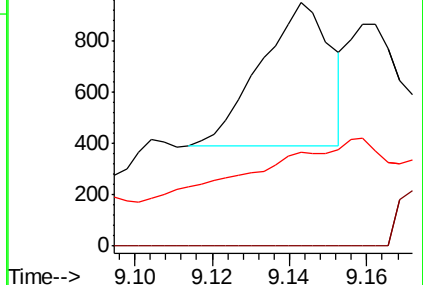
39 99.9 50.1 75.1#

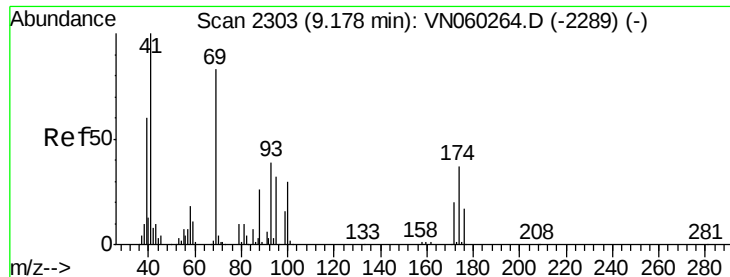


Abundance Ion 41.00 (40.70 to 41.70): VN060264.D (-2292) (-)

Ion 69.00 (68.70 to 69.70): VN060264.D (-2292) (-)

Ion 39.00 (38.70 to 39.70): VN060264.D (-2292) (-)

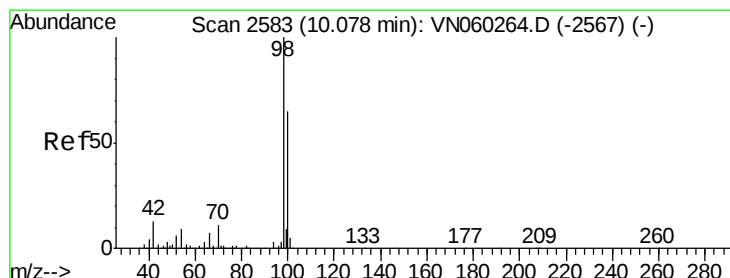
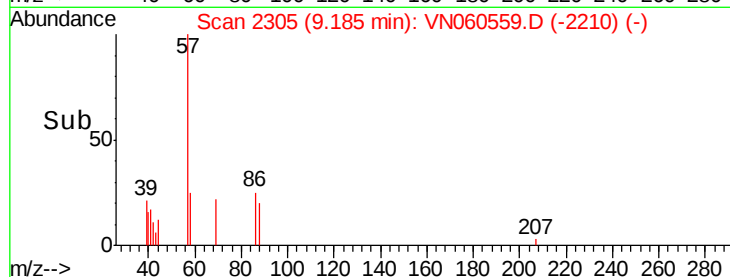
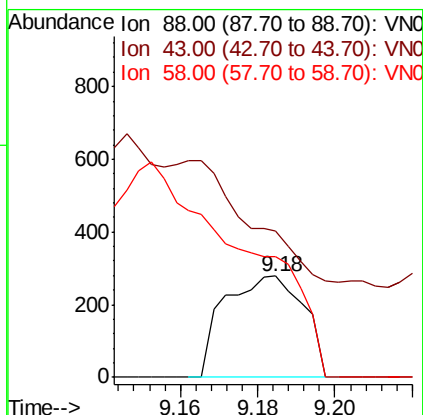
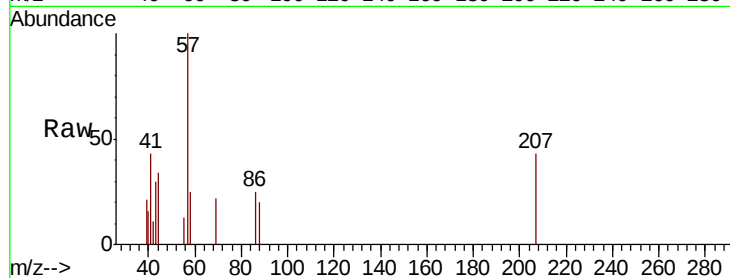




#49
1,4-Dioxane
Concen: 11.190 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.01 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

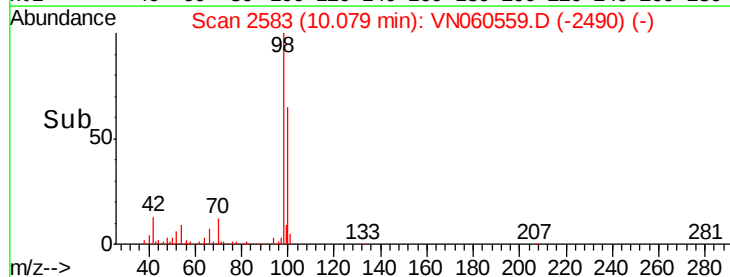
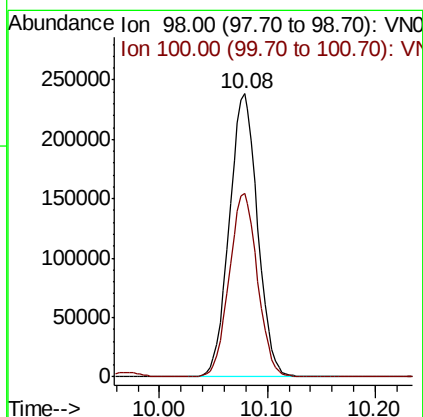
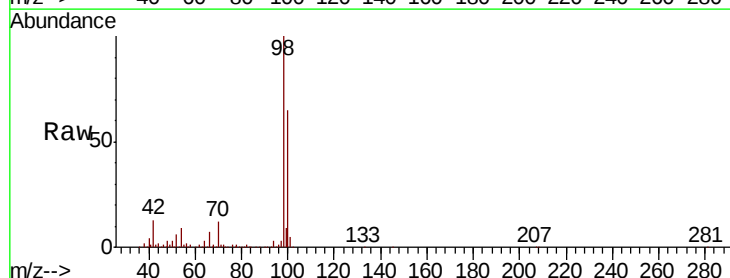
Instrument :
MSVOA_N
ClientSampled :
COMP

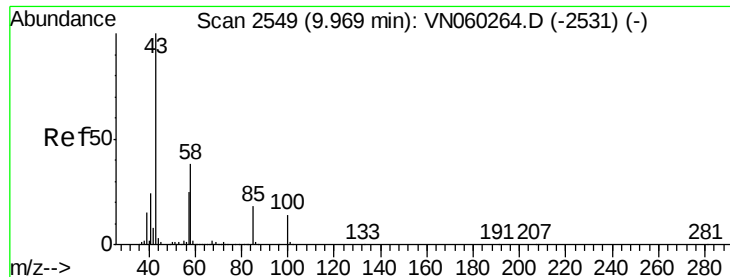
Tot Ion: 88 Resp: 397
Ion Ratio Lower Upper
88 100
43 0.0 30.4 45.6#
58 0.0 57.0 85.6#



#50
Toluene-d8
Concen: 52.908 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion: 98 Resp: 435243
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 16.653 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

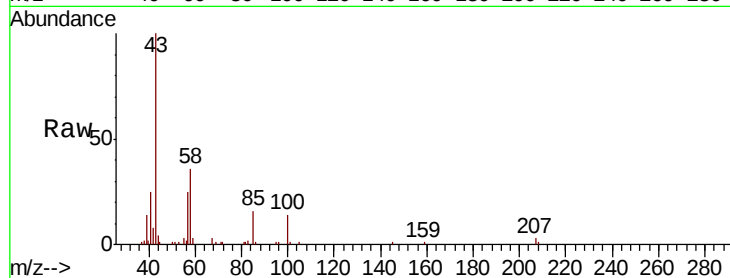
COMP

Tot Ion: 43 Resp: 52237

Ion Ratio Lower Upper

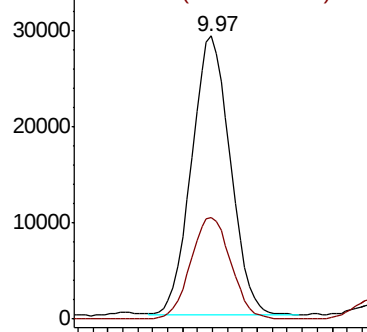
43 100

58 37.8 30.9 46.3

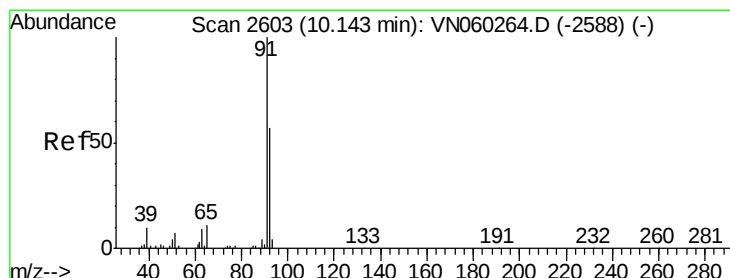
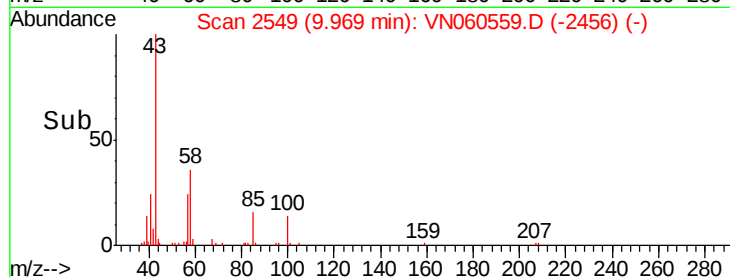


Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)



Time-->



#52

Toluene

Concen: 156.583 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060559.D

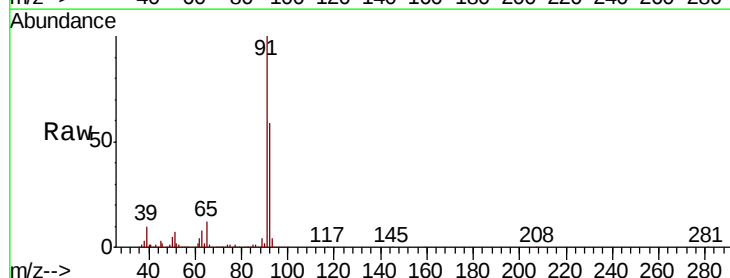
Acq: 17 Mar 2020 16:11

Tgt Ion: 92 Resp: 955439

Ion Ratio Lower Upper

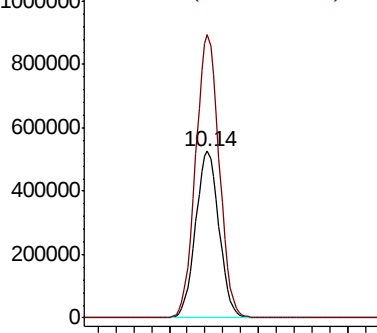
92 100

91 171.0 138.1 207.1

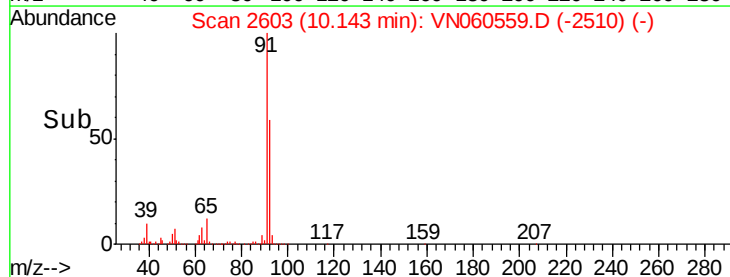


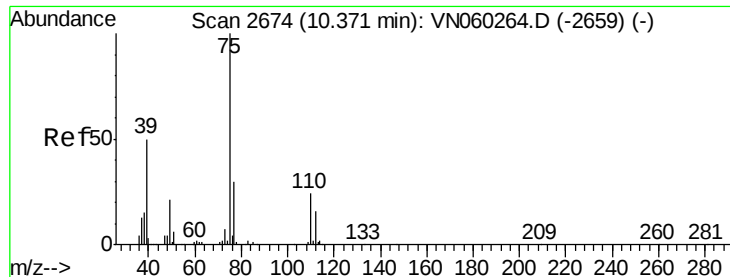
Abundance Ion 92.00 (91.70 to 92.70): VN060264.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN060264.D (-2588) (-)



Time-->





#53

t-1,3-Dichloropropene

Concen: 2.740 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.23 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

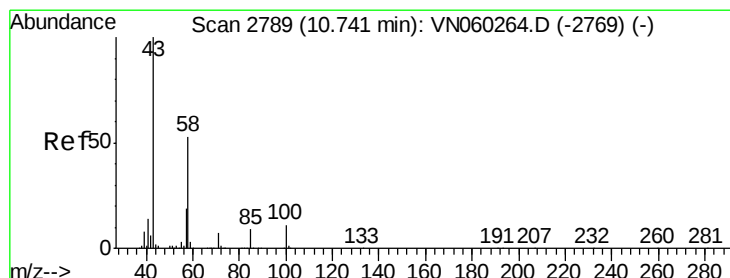
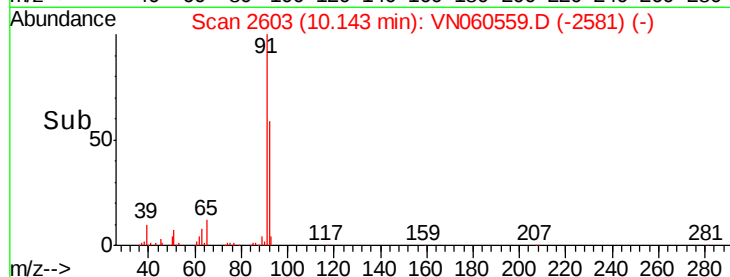
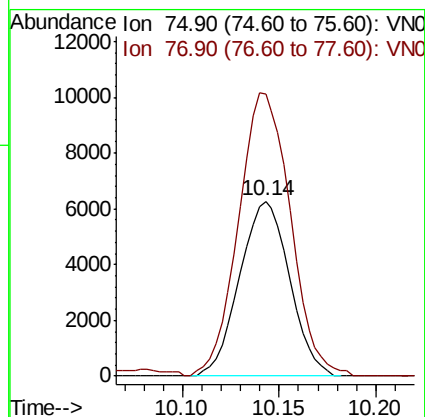
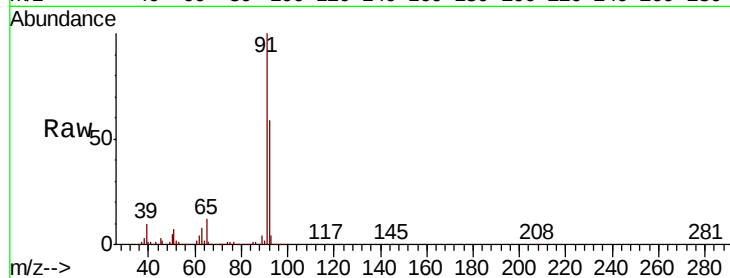
COMP

Tot Ion: 75 Resp: 11254

Ion Ratio Lower Upper

75 100

77 161.2 24.8 37.2#



#59

2-Hexanone

Concen: 2.825 ug/l

RT: 10.74 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VN060559.D

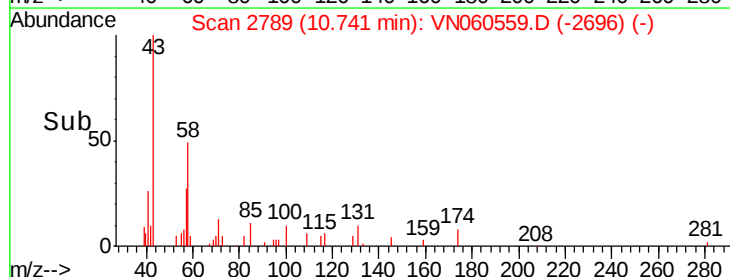
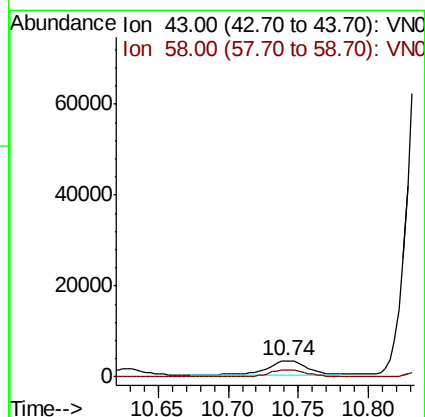
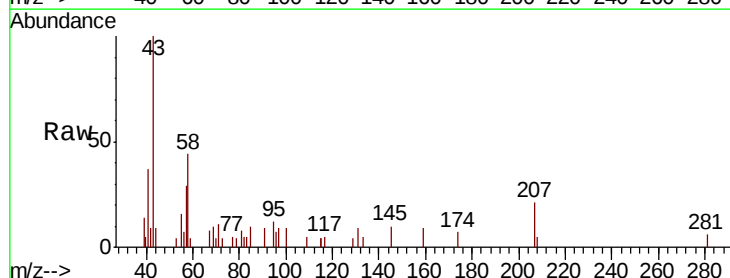
Acq: 17 Mar 2020 16:11

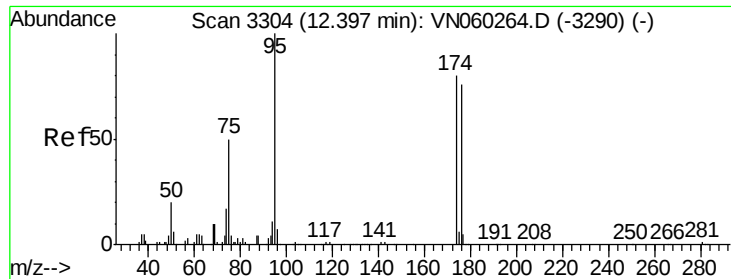
Tgt Ion: 43 Resp: 6507

Ion Ratio Lower Upper

43 100

58 45.2 26.5 79.5

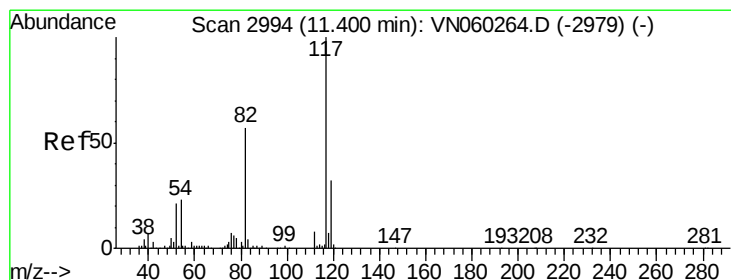
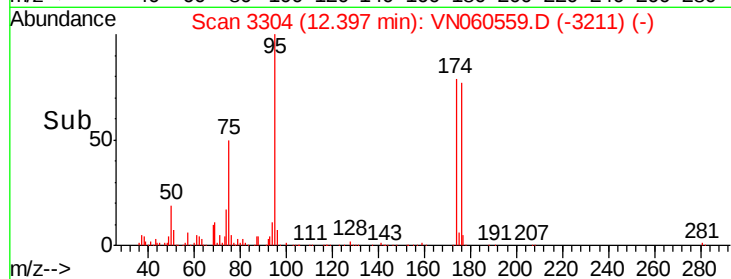
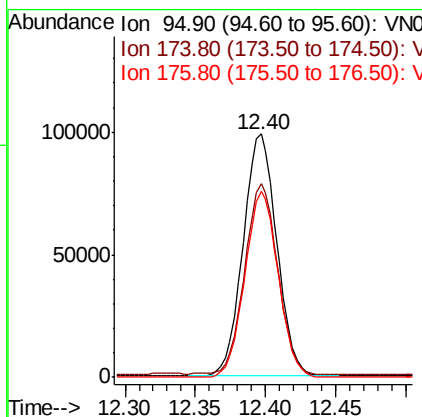
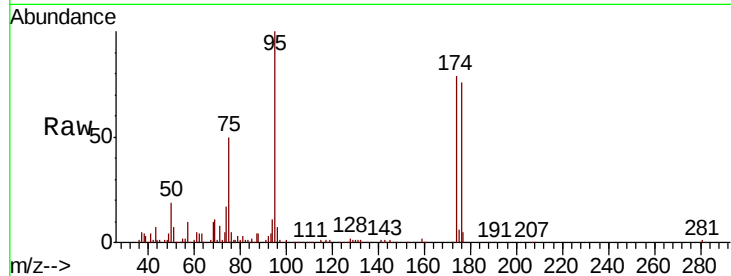




#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

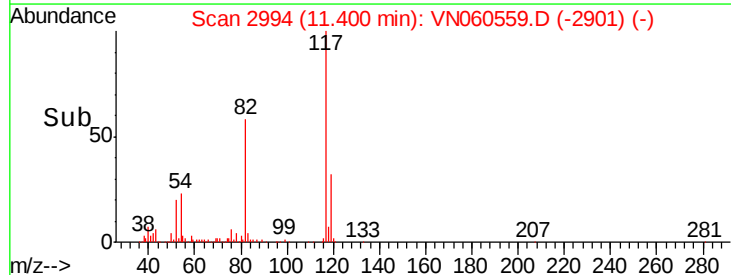
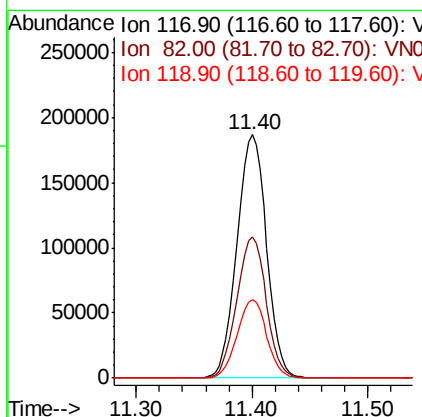
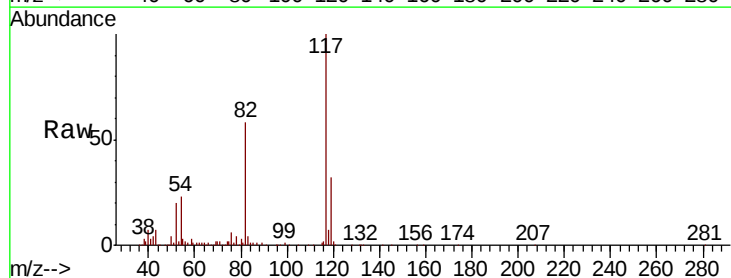
Instrument :
MSVOA_N
ClientSampled :
COMP

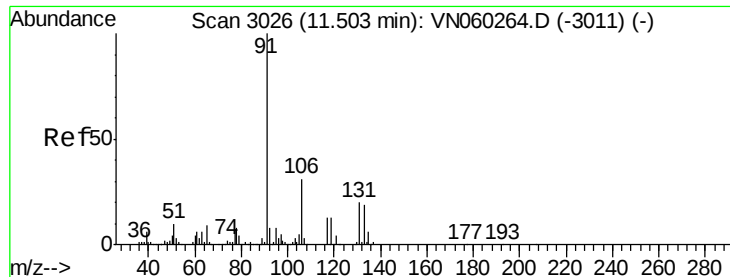
Tot Ion: 95 Resp: 165292
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 76.0 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion: 117 Resp: 328929
Ion Ratio Lower Upper
117 100
82 58.0 45.8 68.6
119 32.4 25.8 38.8

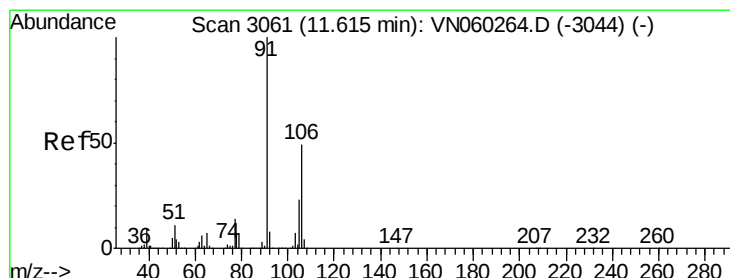
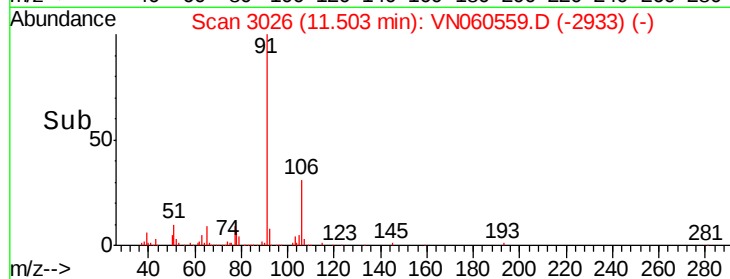
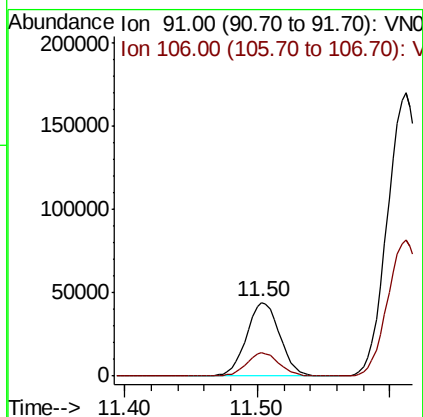
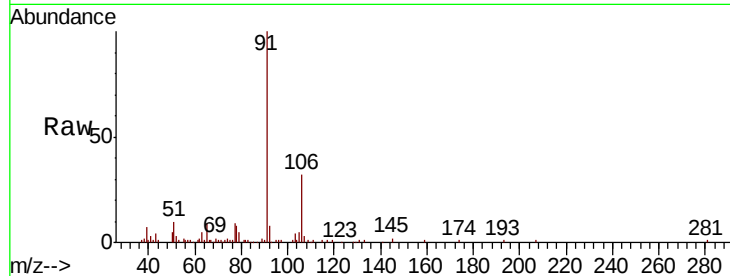




#67
Ethyl Benzene
Concen: 6.278 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

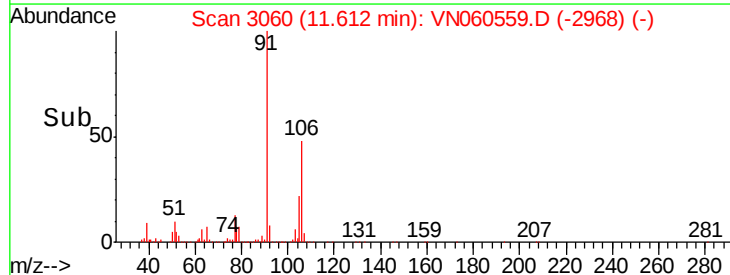
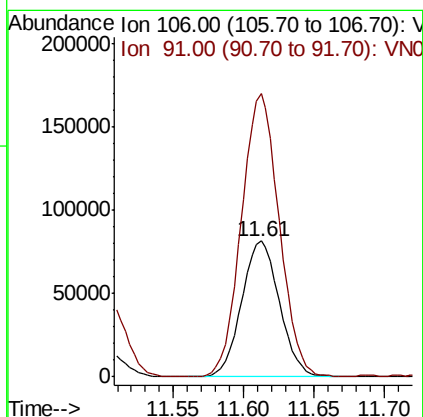
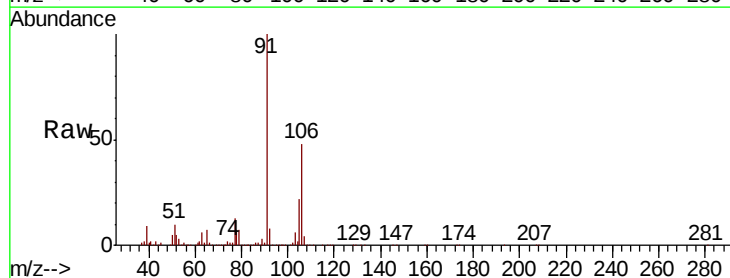
Instrument :
MSVOA_N
ClientSampleId :
COMP

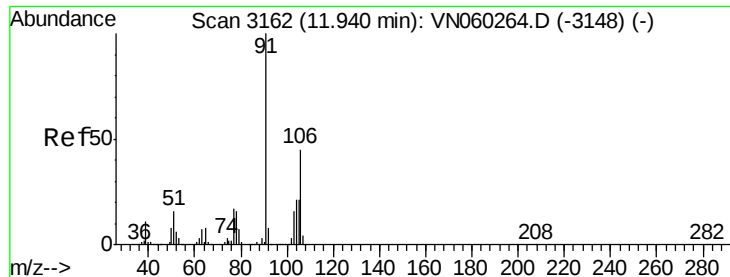
Tot Ion: 91 Resp: 75930
Ion Ratio Lower Upper
91 100
106 31.8 24.7 37.1



#68
m/p-Xylenes
Concen: 33.760 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion: 106 Resp: 154066
Ion Ratio Lower Upper
106 100
91 206.0 164.5 246.7

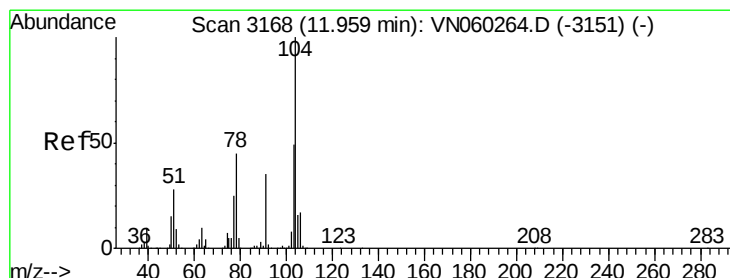
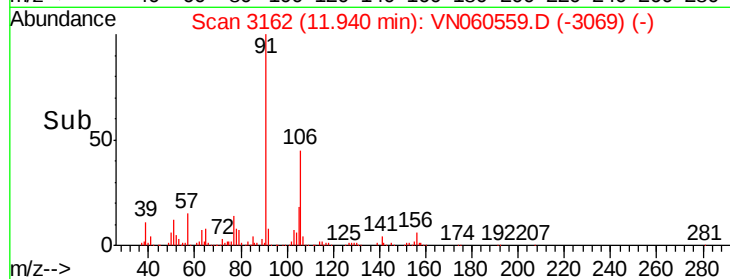
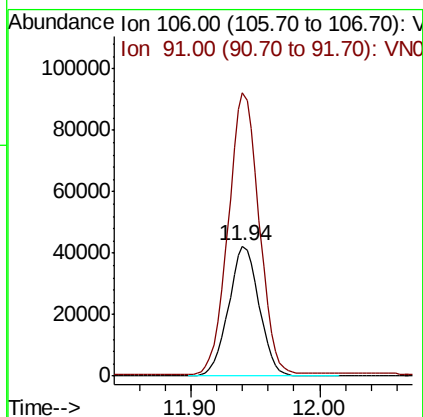
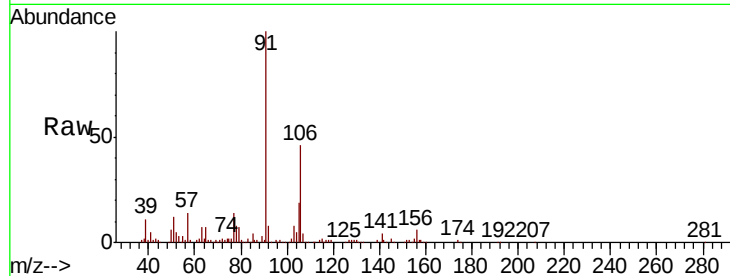




#69
o-Xylene
Concen: 16.083 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

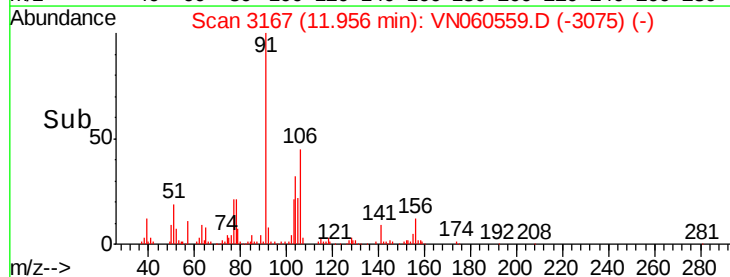
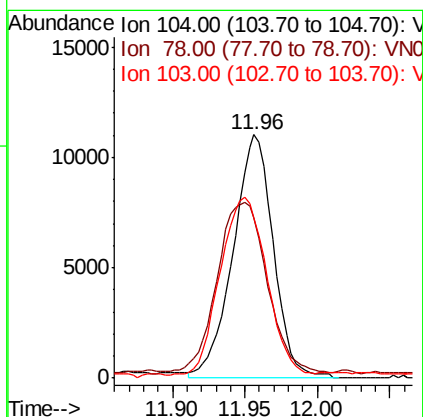
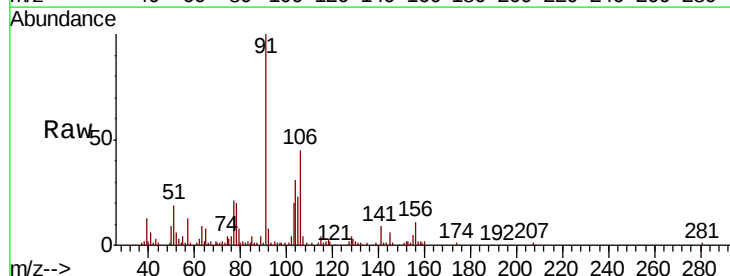
Instrument :
MSVOA_N
ClientSampled :
COMP

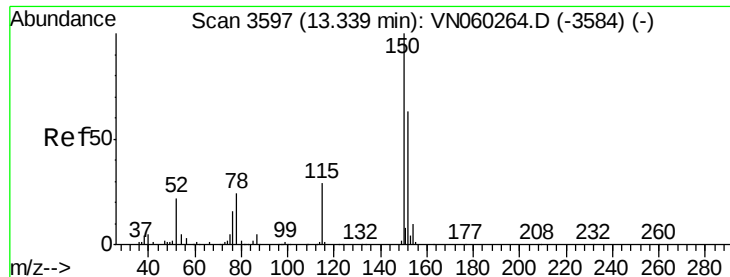
Tot Ion:106 Resp: 69989
Ion Ratio Lower Upper
106 100
91 217.3 109.5 328.4



#70
Styrene
Concen: 2.980 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060559.D
Acq: 17 Mar 2020 16:11

Tgt Ion:104 Resp: 21318
Ion Ratio Lower Upper
104 100
78 85.4 41.2 61.8#
103 85.0 43.9 65.9#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

COMP

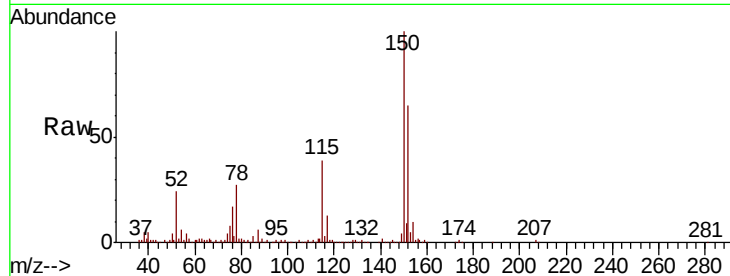
Tot Ion:152 Resp: 157594

Ion Ratio Lower Upper

152 100

115 61.2 30.0 90.0

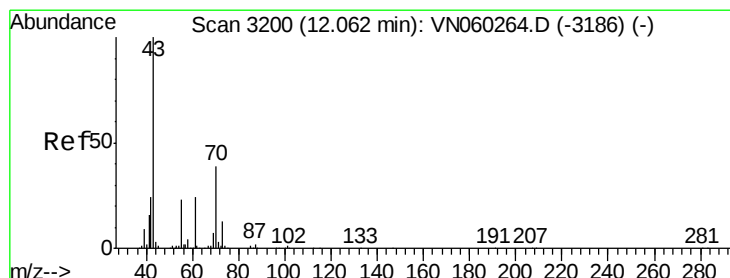
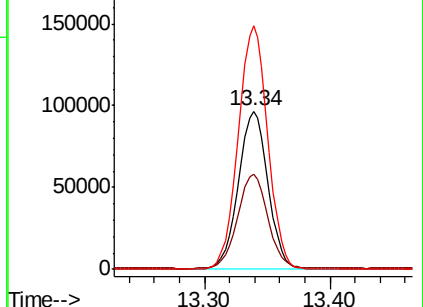
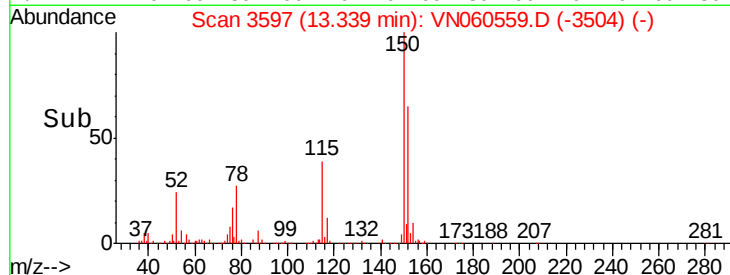
150 153.7 0.0 349.6



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



#74

N-ethyl acetate

Concen: 1.887 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Tgt Ion: 43 Resp: 9630

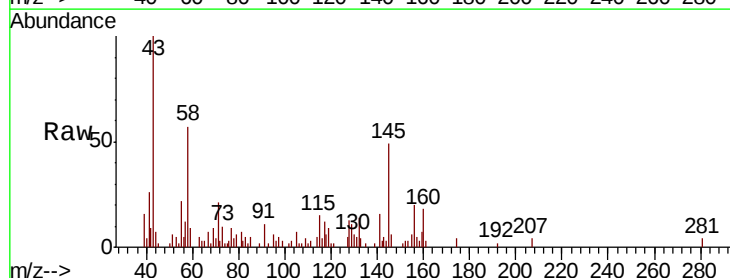
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 0.0 18.2 27.4#

61 0.0 19.2 28.8#

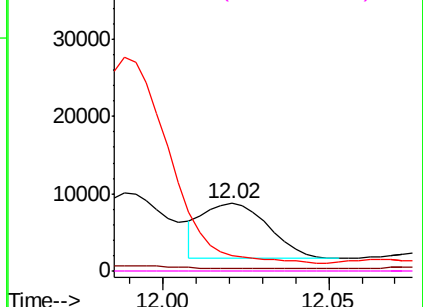
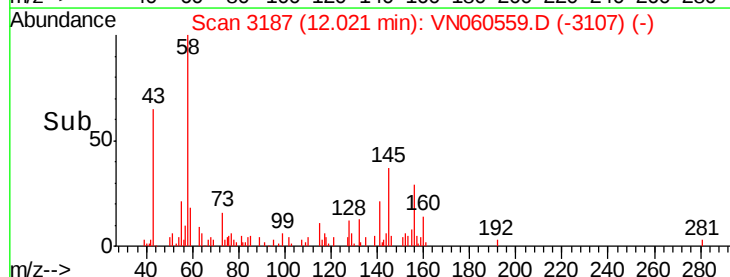


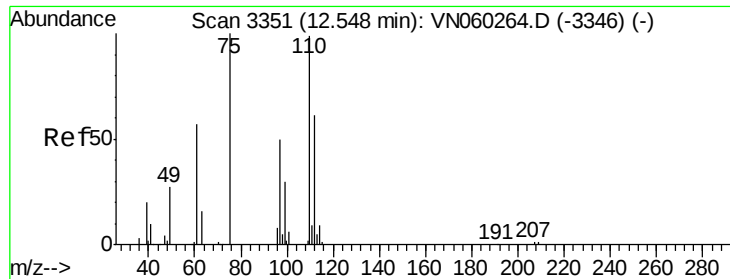
Abundance Ion 43.00 (42.70 to 43.70): VN0

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





#76

1,2,3-Trichloropropane

Concen: 24.014 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

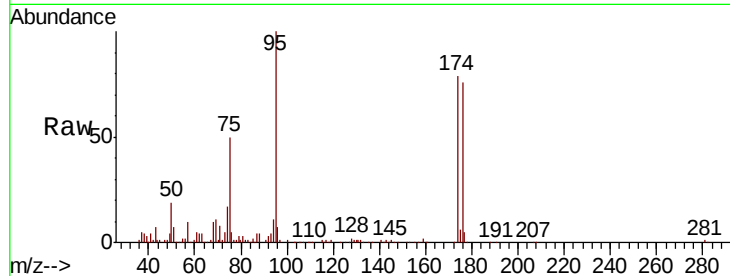
COMP

Tot Ion: 75 Resp: 83030

Ion Ratio Lower Upper

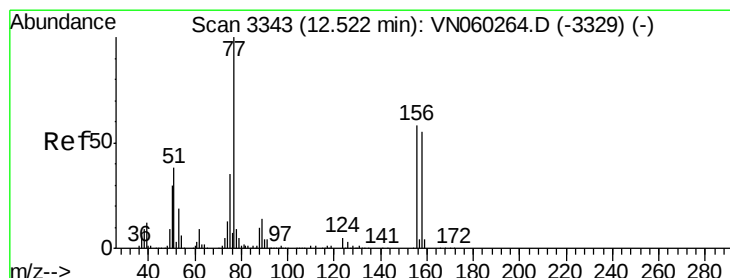
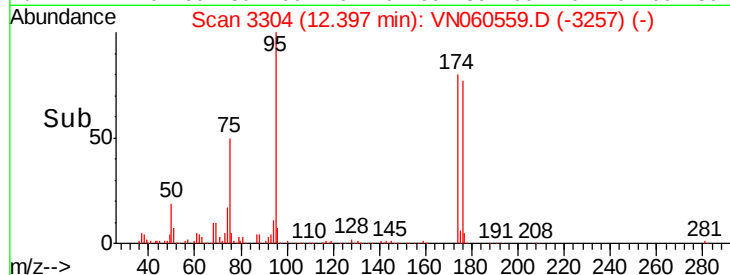
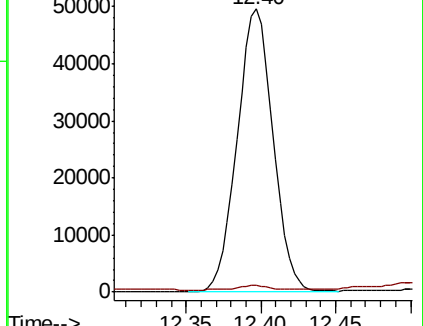
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN060559.D (-3257) (-)

Ion 77.00 (76.70 to 77.70): VN060559.D (-3257) (-)



#77

Bromobenzene

Concen: 20.530 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

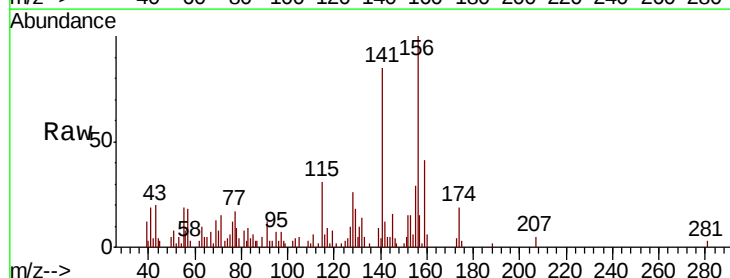
Tgt Ion: 156 Resp: 58783

Ion Ratio Lower Upper

156 100

77 7.0 106.1 318.3#

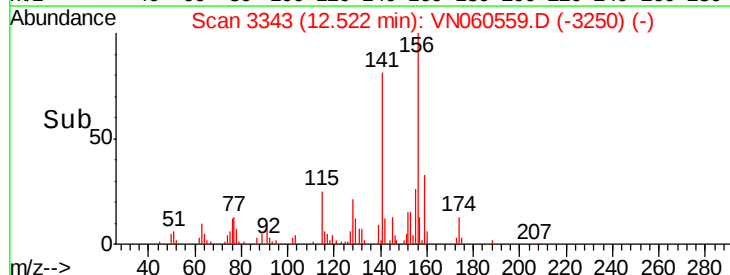
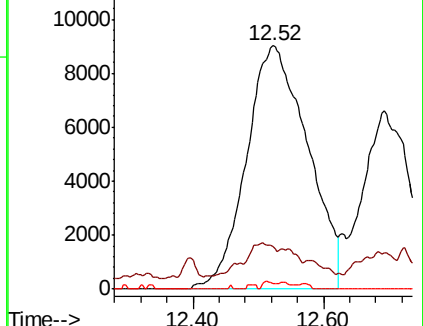
158 0.5 48.3 144.8#

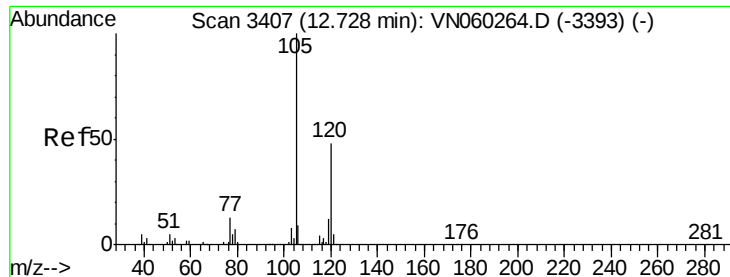


Abundance Ion 155.80 (155.50 to 156.50): VN060559.D (-3250) (-)

Ion 77.00 (76.70 to 77.70): VN060559.D (-3250) (-)

Ion 157.80 (157.50 to 158.50): VN060559.D (-3250) (-)





#80

1,3,5-Trimethylbenzene

Concen: 0.739 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.08 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

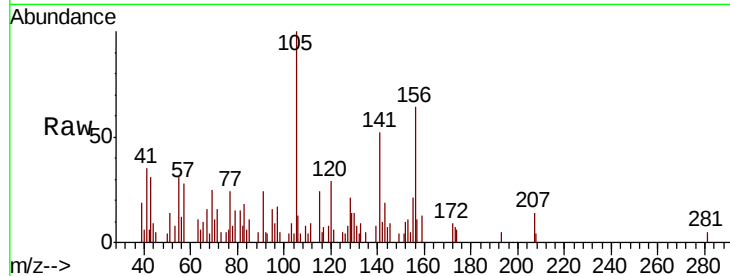
COMP

Tot Ion:105 Resp: 7271

Ion Ratio Lower Upper

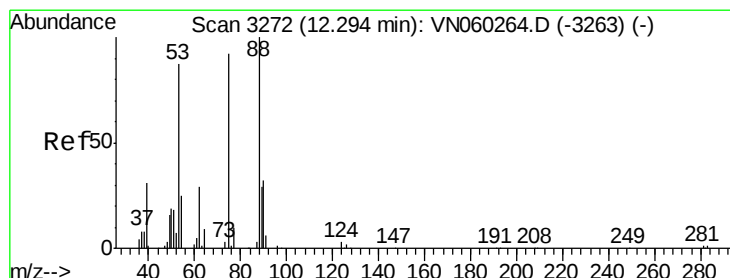
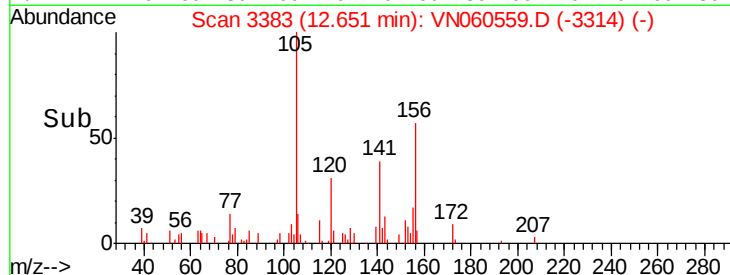
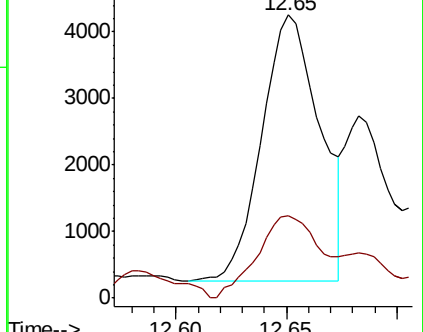
105 100

120 32.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 66.289 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.10 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

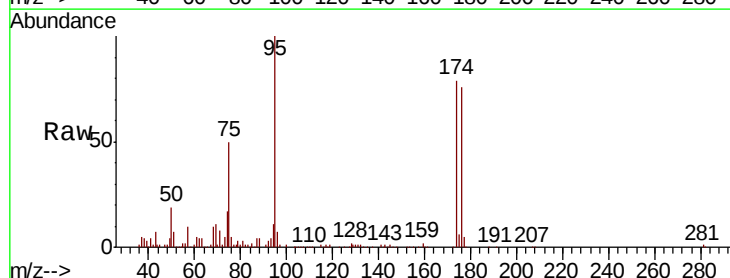
Tgt Ion: 75 Resp: 83030

Ion Ratio Lower Upper

75 100

53 0.6 73.8 110.6#

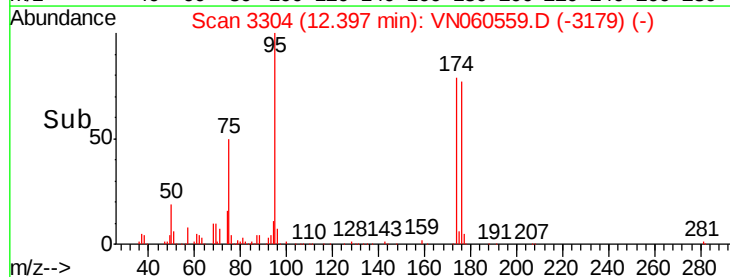
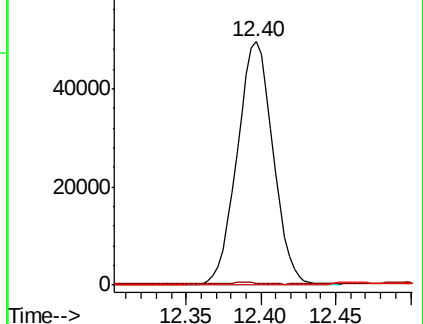
89 0.0 57.1 85.7#

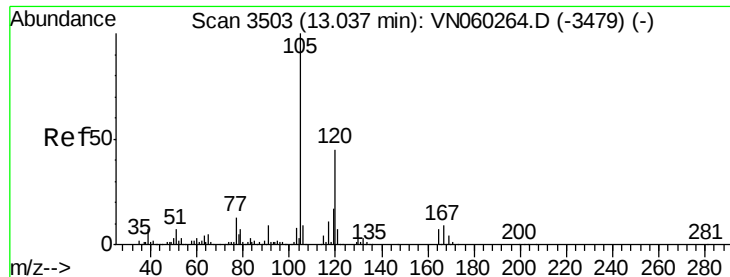


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO





#84

1,2,4-Trimethylbenzene

Concen: 1.018 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

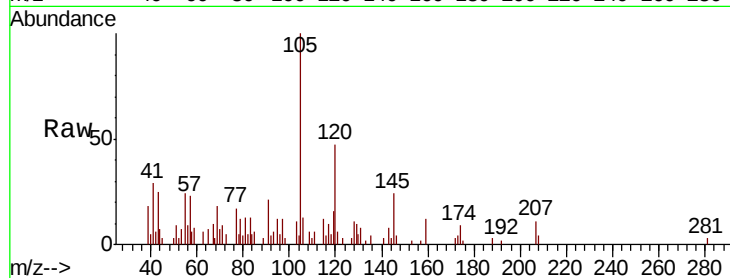
COMP

Tot Ion:105 Resp: 10109

Ion Ratio Lower Upper

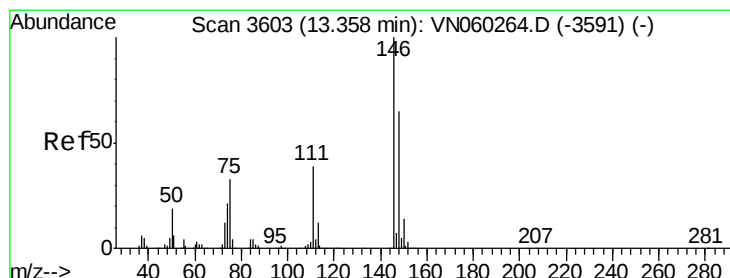
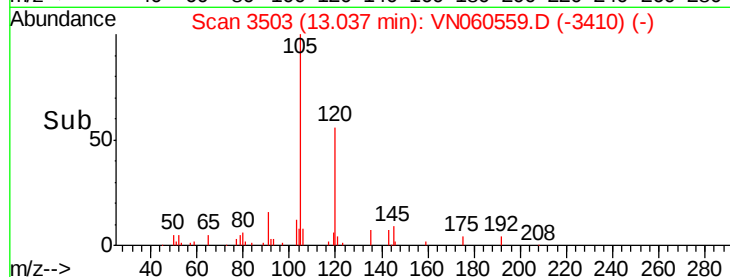
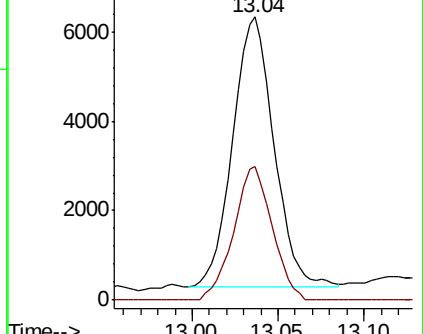
105 100

120 45.8 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

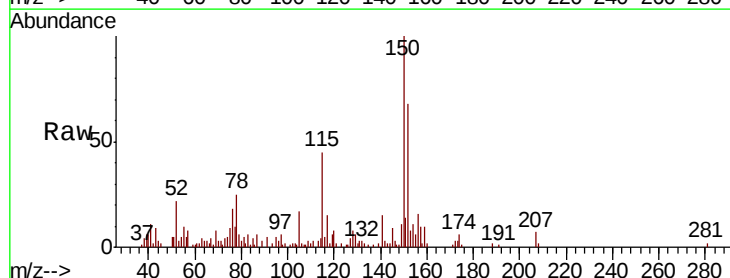
Tgt Ion:146 Resp: 423

Ion Ratio Lower Upper

146 100

111 0.0 19.8 59.4#

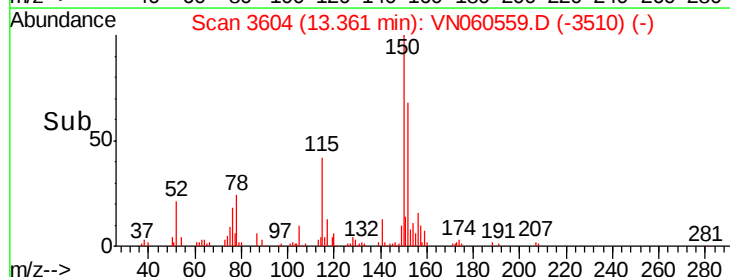
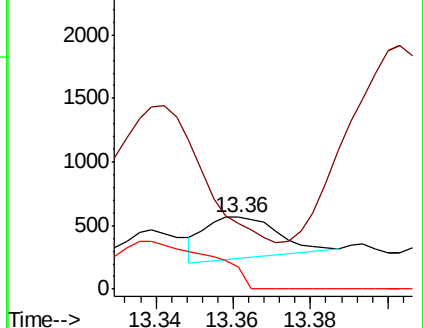
148 0.0 32.3 96.9#

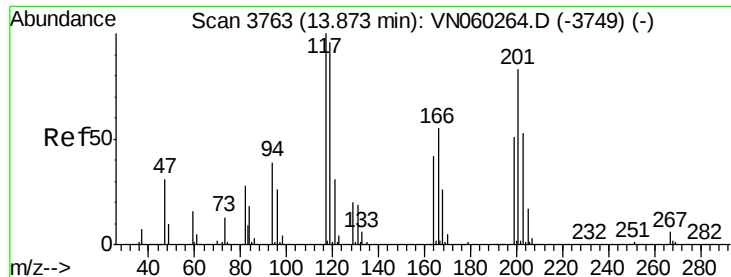


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 0.372 ug/l

RT: 13.89 min Scan# 3769

Delta R.T. 0.02 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

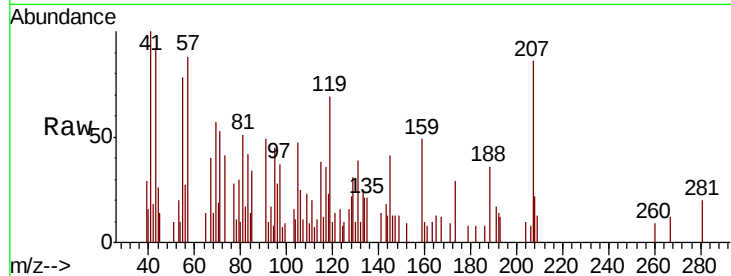
COMP

Tot Ion:117 Resp: 569

Ion Ratio Lower Upper

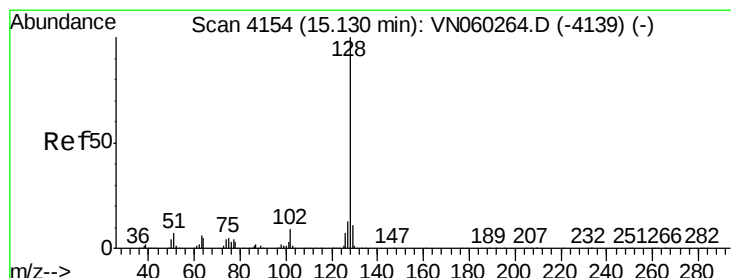
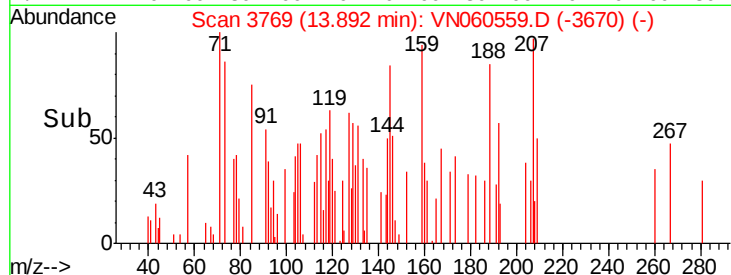
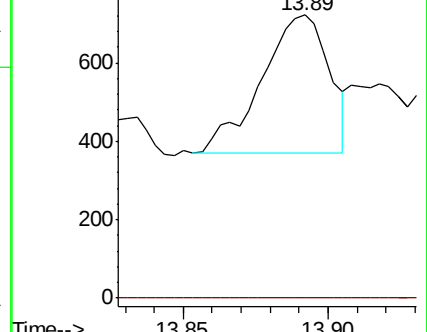
117 100

201 0.0 41.0 123.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 0.771 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060559.D

Acq: 17 Mar 2020 16:11

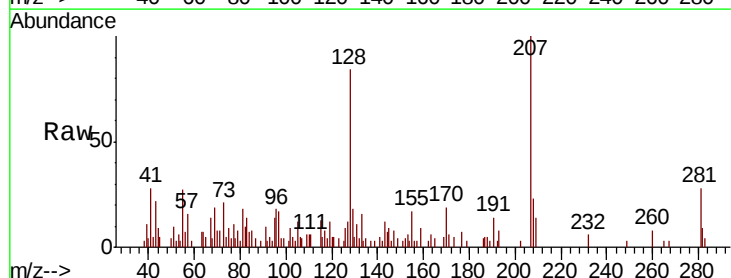
Tgt Ion:128 Resp: 9752

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 16.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

